

# Kentucky River Area Occupational Outlook to 2020



Education and Workforce Development Cabinet  
Department of Workforce Investment  
Office of Employment and Training

 **Kentucky  
Career Center**  
Career Training Employer

**Kentucky River Area  
Occupational Outlook to 2020**

**STEVEN L. BESHEAR  
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**EQUAL OPPORTUNITY EMPLOYER/PROGRAM**

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

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## 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 2020. Staff utilized data from all programs to create the 2018 occupational outlook publications for each of the ADDs below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyrile Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

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.

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## INTRODUCTION

### Kentucky River 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 *Kentucky River Area Occupational Outlook to 2020* offers answers and insight regarding these often-asked questions. Students, job seekers, counselors and others will find this information beneficial.

Tables listing the 50 occupations with the largest number of annual job openings and the 50 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 2010 to 2020.

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 2010 through 2020. 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 2010-2020 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 2010-2020 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>.

## **KENTUCKY RIVER HIGHLIGHTS 2010-2020**

- ✓ Employment is projected to grow from 34,735 to 39,510, a gain of 13.7 percent.
- ✓ Total annual job openings are expected to be about 1,290.
- ✓ Growth in employment will create about 494 job openings annually.
- ✓ Approximately 796 annual job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Thirty-eight percent of job openings will result from growth; the remaining 62 percent will result from separations from the labor force.
- ✓ The greatest number of annual job openings will be in Office and Administrative Support Occupations (150), and Healthcare Practitioners and Technical Occupations (150) and Sales and Related Occupations (125).
- ✓ The two occupations with the largest projected number of annual job openings are Combined Food Preparation and Serving Workers, Including Fast Food (52) and Cashiers (42)
- ✓ The highest growth rates among occupational groups are likely to be in Occupational and Physical Therapist Assistant and Aide Occupations (60.0%), followed by Health Technologies and Technicians (36.3%) and Other Personal Care Service Workers (35.3%)

## USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?	<p><b>1)</b> Total average annual job openings, and <b>2)</b> employment change expressed as a percentage.</p> <p>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.</p>
What creates job openings?	<p><b>1)</b> Employment growth (new jobs), and <b>2)</b> employment separations (job vacancies created by persons separating from an occupation).</p>
What causes employment change?	<p><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. <i>Self-service, out-sourcing, or 24 hour operations</i> can also affect employment change.</p>
What about employment separations?	<p>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.</p>
Do workers tend to leave one occupation more than other occupations?	<p>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.</p>
What factors affect the number of job openings for an occupation?	<p><b>1)</b> The number of workers who are currently employed, <b>2)</b> the number of job vacancies created by worker separation, and <b>3)</b> the rate of change, i.e., how fast the occupation is growing or declining.</p>
Which factor is more important?	<p>The size of employment and separation rate is more important than rate of change.</p>
What is the best way to compare one occupation with another?	<p>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.</p>

Top 50

Kentucky River Area with Most Annual Job Openings

Rank	SOC	Title	Employment		Change		Avg. Opening
			Estimated	Projected	Number	Percent	
1	35-3021	Combined Food Preparation & Serving Workers, Incl. Fast Food	1332	1486	154	11.6	<b>52</b>
2	41-2011	Cashiers	885	909	24	2.7	<b>42</b>
3	29-1111	Registered Nurses	834	1088	254	30.5	<b>40</b>
4	41-2031	Retail Salespersons	797	953	156	19.6	<b>39</b>
5	53-3032	Heavy and Tractor-Trailer Truck Drivers	884	1038	154	17.4	<b>33</b>
6	31-1012	Nursing Aides, Orderlies, and Attendants	747	937	190	25.4	<b>29</b>
7	47-2073	Operating Engineers and Other Construction Equip. Operators	829	910	81	9.8	<b>27</b>
8	43-4171	Receptionists and Information Clerks	411	548	137	33.3	<b>26</b>
9	25-2021	Elementary School Teachers, Except Special Education	742	833	91	12.3	<b>25</b>
10	25-9041	Teacher Assistants	696	768	72	10.3	<b>23</b>
11	29-2061	Licensed Practical and Licensed Vocational Nurses	422	547	125	29.6	<b>23</b>
12	29-2052	Pharmacy Technicians	288	446	158	54.9	<b>21</b>
13	21-1021	Child, Family, and School Social Workers	450	527	77	17.1	<b>19</b>
14	21-1093	Social and Human Service Assistants	360	474	114	31.7	<b>19</b>
15	29-2041	Emergency Medical Technicians and Paramedics	309	442	133	43.0	<b>19</b>
16	33-3012	Correctional Officers and Jailers	563	641	78	13.9	<b>18</b>
17	43-5081	Stock Clerks and Order Fillers	644	660	16	2.5	<b>18</b>
18	39-9021	Personal Care Aides	210	358	148	70.5	<b>17</b>
19	39-9041	Residential Advisors	239	317	78	32.6	<b>17</b>
20	41-1011	First-Line Supervisors of Retail Sales Workers	462	518	56	12.1	<b>17</b>
21	21-1014	Mental Health Counselors	210	301	91	43.3	<b>13</b>
22	43-3021	Billing and Posting Clerks	308	384	76	24.7	<b>13</b>
23	35-2012	Cooks, Institution and Cafeteria	503	516	13	2.6	<b>12</b>
24	37-3011	Landscaping and Groundskeeping Workers	283	349	66	23.3	<b>12</b>
25	43-9061	Office Clerks, General	354	411	57	16.1	<b>12</b>

Top 50 cont'd

Kentucky River Area with Most Annual Job Openings

Rank	SOC	Title	Employment		Change		Avg.
			Estimated	Projected	Number	Percent	Opening
26	53-3033	Light Truck or Delivery Services Drivers	279	338	59	21.1	<b>12</b>
27	53-7032	Excavating and Loading Machine and Dragline Operators	306	339	33	10.8	<b>12</b>
28	39-9011	Childcare Workers	253	280	27	10.7	<b>11</b>
29	43-3031	Bookkeeping, Accounting, and Auditing Clerks	473	537	64	13.5	<b>11</b>
30	47-1011	First-Line Supervisors of Construction Trades & Extraction Workers	409	434	25	6.1	<b>11</b>
31	47-2111	Electricians	308	341	33	10.7	<b>11</b>
32	25-2031	Sec. Sch. Teachers, Except Special & Career/Technical Education	328	338	10	3.0	<b>10</b>
33	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	389	423	34	8.7	<b>10</b>
34	43-4051	Customer Service Representatives	257	290	33	12.8	<b>10</b>
35	47-2031	Carpenters	248	294	46	18.5	<b>10</b>
36	47-5061	Roof Bolters, Mining	389	414	25	6.4	<b>10</b>
37	49-3042	Mobile Heavy Equipment Mechanics, Except Engines	291	316	25	8.6	<b>10</b>
38	37-2012	Maids and Housekeeping Cleaners	365	392	27	7.4	<b>9</b>
39	49-9071	Maintenance and Repair Workers, General	306	336	30	9.8	<b>9</b>
40	53-3022	Bus Drivers, School or Special Client	433	446	13	3.0	<b>9</b>
41	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	204	235	31	15.2	<b>9</b>
42	11-9013	Farmers, Ranchers, and Other Agricultural Managers	432	398	-34	-7.9	<b>8</b>
43	21-1023	Mental Health and Substance Abuse Social Workers	123	171	48	39.0	<b>8</b>
44	29-1062	Family and General Practitioners	141	188	47	33.3	<b>8</b>
45	35-3031	Waiters and Waitresses	152	139	-13	-8.6	<b>8</b>
46	43-6014	Secretaries & Admin. Assts., Except Legal, Medical, & Executive	453	469	16	3.5	<b>8</b>
47	53-7111	Mine Shuttle Car Operators	284	278	-6	-2.1	<b>8</b>
48	11-1021	General and Operations Managers	322	336	14	4.3	<b>7</b>
49	11-9151	Social and Community Service Managers	151	195	44	29.1	<b>7</b>
50	25-2011	Preschool Teachers, Except Special Education	133	161	28	21.1	<b>7</b>

Top 50

Fastest Growing Kentucky River Area Occupations

Rank	SOC	Title	Employment		Change		Avg.
			Estimated	Projected	Number	Percent	Opening
1	39-9021	Personal Care Aides	210	358	148	<b>70.5</b>	17
2	31-2021	Physical Therapist Assistants	39	65	26	<b>66.7</b>	4
3	29-2052	Pharmacy Technicians	288	446	158	<b>54.9</b>	21
4	29-1123	Physical Therapists	33	50	17	<b>51.5</b>	2
5	29-1051	Pharmacists	80	117	37	<b>46.3</b>	6
6	21-1014	Mental Health Counselors	210	301	91	<b>43.3</b>	13
7	29-2041	Emergency Medical Technicians and Paramedics	309	442	133	<b>43.0</b>	19
8	21-1091	Health Educators	40	57	17	<b>42.5</b>	3
9	21-1023	Mental Health and Substance Abuse Social Workers	123	171	48	<b>39.0</b>	8
10	29-1041	Optometrists	32	44	12	<b>37.5</b>	2
11	43-6013	Medical Secretaries	77	105	28	<b>36.4</b>	4
12	31-9092	Medical Assistants	80	108	28	<b>35.0</b>	4
13	35-3041	Food Servers, Nonrestaurant	58	78	20	<b>34.5</b>	4
14	43-4171	Receptionists and Information Clerks	411	548	137	<b>33.3</b>	26
15	29-1062	Family and General Practitioners	141	188	47	<b>33.3</b>	8
16	39-9041	Residential Advisors	239	317	78	<b>32.6</b>	17
17	21-1798	Community and Social Service Specialists, All Other	34	45	11	<b>32.4</b>	2
18	21-1093	Social and Human Service Assistants	360	474	114	<b>31.7</b>	19
19	29-2037	Radiologic Technologists and Technicians	64	84	20	<b>31.3</b>	3
20	11-9111	Medical and Health Services Managers	103	135	32	<b>31.1</b>	5
21	29-1111	Registered Nurses	834	1088	254	<b>30.5</b>	40
22	29-2061	Licensed Practical and Licensed Vocational Nurses	422	547	125	<b>29.6</b>	23
23	43-4151	Order Clerks	34	44	10	<b>29.4</b>	2
24	31-1011	Home Health Aides	113	146	33	<b>29.2</b>	5
25	11-9151	Social and Community Service Managers	151	195	44	<b>29.1</b>	7

Top 50 cont'd

Fastest Growing Kentucky River Area Occupations

Rank	SOC	Title	Employment		Change		Avg.
			Estimated	Projected	Number	Percent	Opening
26	29-1065	Pediatricians, General	31	40	9	<b>29.0</b>	2
27	29-1126	Respiratory Therapists	31	40	9	<b>29.0</b>	2
28	29-2799	Health Technologists and Technicians, All Other	38	49	11	<b>28.9</b>	2
29	43-5052	Postal Service Mail Carriers	49	63	14	<b>28.6</b>	3
30	15-1150	Computer Support Specialists	39	50	11	<b>28.2</b>	2
31	41-2021	Counter and Rental Clerks	46	58	12	<b>26.1</b>	2
32	29-2071	Medical Records and Health Information Technicians	73	92	19	<b>26.0</b>	4
33	31-1012	Nursing Aides, Orderlies, and Attendants	747	937	190	<b>25.4</b>	29
34	43-3021	Billing and Posting Clerks	308	384	76	<b>24.7</b>	13
35	53-7061	Cleaners of Vehicles and Equipment	91	113	22	<b>24.2</b>	5
36	49-9041	Industrial Machinery Mechanics	128	158	30	<b>23.4</b>	5
37	37-3011	Landscaping and Groundskeeping Workers	283	349	66	<b>23.3</b>	12
38	51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	103	127	24	<b>23.3</b>	4
39	47-4031	Fence Erectors	39	48	9	<b>23.1</b>	2
40	31-1013	Psychiatric Aides	101	123	22	<b>21.8</b>	3
41	53-3041	Taxi Drivers and Chauffeurs	97	118	21	<b>21.6</b>	3
42	53-3033	Light Truck or Delivery Services Drivers	279	338	59	<b>21.1</b>	12
43	25-2011	Preschool Teachers, Except Special Education	133	161	28	<b>21.1</b>	7
44	41-2031	Retail Salespersons	797	953	156	<b>19.6</b>	39
45	27-3031	Public Relations Specialists	36	43	7	<b>19.4</b>	2
46	47-2031	Carpenters	248	294	46	<b>18.5</b>	10
47	51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	60	71	11	<b>18.3</b>	2
48	21-1029	Social Workers, All Other	33	39	6	<b>18.2</b>	2
49	47-5071	Roustabouts, Oil and Gas	33	39	6	<b>18.2</b>	2
50	41-2022	Parts Salespersons	134	158	24	<b>17.9</b>	7

## Explanation of Data Elements in the Occupational Outlook Table

# Occupational Employment Outlook

Occupational		Employment		Job Growth		Average Annual Job Openings			Average Wage	Education/ Training Required		
Code	Title	2010 Estimated	2020 Projected	2010 Number	2020 Percent	Growth	Separations	Total	2011			
<p><b>Occupational Codes &amp; Titles</b> used in this report are based on the Standard Occupational Coding (SOC) structure.</p>		<p><b>Estimated</b> 2010 employment is based on the Occupational Employment Statistics (OES) Survey of employers.</p> <p><b>Projected</b> 2020 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2010 and 2020.</p> <p><b>NOTE:</b> The occupational employment estimates for 2010 to 2020 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.</p>		<p><b>Number</b> The total number of jobs in an occupation gained or lost over the 2010 to 2020 period.</p> <p><b>Percent</b> Percent change in employment in an occupation over the 10 year period.</p> <p><b>NOTE:</b> In Kentucky, the average growth for all occupations is projected to be 12.4 percent between 2010-2020.</p> <p>The growth of an occupation is classified as one of the following based on its percent change:</p> <ol style="list-style-type: none"> <li>1) Declining (&lt; -4.0%)</li> <li>2) Stable (-4.0% - 4.0%)</li> <li>3) Growing (4.1% - 10.0%)</li> <li>4) Fast Growing (10.1% - 15.0%)</li> <li>5) Very Fast Growing (&gt; 15.0%)</li> </ol>		<p><b>Growth</b> Provide estimates of the average number of job openings expected to occur due to employment growth each year between 2010 and 2020.</p> <p><b>Separations</b> 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><b>Total</b> The sum of openings due to <b>growth</b> and openings due to <b>separations</b> for an occupation.</p> <p><b>NOTE:</b> If employment growth is negative, the total number of job openings will equal the number of separations.</p>			<p><b>Average Wage</b> in this report always refers to the 2011 <b>statewide</b> mean hourly wage for each occupation.</p> <p><b>NOTE:</b> For area-specific wage information, please visit the Occupational Wages section of our web site.</p>		<p><b>Education and/or Training Levels Required</b> are developed by the Bureau of Labor Statistics and group occupations into eleven categories (1-11).</p> <p><b>NOTE:</b> The various categories are described in detail on page 49 of this report.</p>	

# Kentucky River Area Occupational Employment Outlook

## Management Occupations

Occupational		Employment		Change		Job Openings			Ave.	~ Educ.
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total	Wage 2011	Training Req.
<b>00-0000</b>	<b>Total, All Occupations</b>	<b>34,735</b>	<b>39,510</b>	<b>4,775</b>	<b>13.7</b>	<b>494</b>	<b>796</b>	<b>1,290</b>	<b>\$17.54</b>	<b>n/a</b>
<b>11-0000</b>	<b>Management Occupations</b>	<b>1,977</b>	<b>2,098</b>	<b>121</b>	<b>6.1</b>	<b>16</b>	<b>40</b>	<b>56</b>	<b>\$38.52</b>	<b>n/a</b>
<b>11-1000</b>	<b>Top Executives</b>	<b>391</b>	<b>408</b>	<b>17</b>	<b>4.3</b>	<b>2</b>	<b>8</b>	<b>10</b>	<b>n/a</b>	<b>n/a</b>
11-1011	Chief Executives	*	*	*	*	*	*	*	\$55.44	3
11-1021	General and Operations Managers	322	336	14	4.3	1	6	7	\$38.76	4
<b>11-2000</b>	<b>Advert., Marketing, Promos., Public Relations, &amp; Sales Mgrs.</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
11-2011	Advertising and Promotions Managers	*	*	*	*	*	*	*	n/a	3
11-2021	Marketing Managers	*	*	*	*	*	*	*	n/a	3
11-2022	Sales Managers	*	*	*	*	*	*	*	\$37.71	3
11-2031	Public Relations and Fundraising Managers	*	*	*	*	*	*	*	n/a	3
<b>11-3000</b>	<b>Operations Specialties Managers</b>	<b>264</b>	<b>279</b>	<b>15</b>	<b>5.7</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>n/a</b>	<b>n/a</b>
11-3011	Administrative Services Managers	*	*	*	*	*	*	*	n/a	7
11-3021	Computer and Information Systems Managers	*	*	*	*	*	*	*	\$27.20	3
11-3031	Financial Managers	161	164	3	1.9	0	3	3	\$37.74	3
11-3051	Industrial Production Managers	30	31	1	3.3	0	1	1	\$46.09	3
11-3061	Purchasing Managers	*	*	*	*	*	*	*	n/a	3
11-3071	Transportation, Storage, and Distribution Managers	*	*	*	*	*	*	*	\$33.43	7
11-3111	Compensation and Benefits Managers	*	*	*	*	*	*	*	n/a	3
11-3121	Human Resources Managers	*	*	*	*	*	*	*	n/a	3
11-3131	Training and Development Managers	*	*	*	*	*	*	*	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Management Occupations (cont'd)

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>11-9000</b>	<b>Other Management Occupations</b>		<b>1,300</b>	<b>1,386</b>	<b>86</b>	<b>6.6</b>	<b>12</b>	<b>27</b>	<b>39</b>	<b>n/a</b>	<b>n/a</b>
11-9013	Farmers, Ranchers, and Other Agricultural Managers		432	398	-34	-7.9	0	8	8	n/a	7
11-9021	Construction Managers		106	120	14	13.2	1	1	2	n/a	4
11-9031	Education Administrators, Preschool and Childcare Center/Program		*	*	*	*	*	*	*	n/a	3
11-9032	Education Administrators, Elementary and Secondary School		147	155	8	5.4	1	4	5	n/a	2
11-9033	Education Administrators, Postsecondary		*	*	*	*	*	*	*	n/a	2
11-9039	Education Administrators, All Other		*	*	*	*	*	*	*	n/a	3
11-9041	Architectural and Engineering Managers		*	*	*	*	*	*	*	\$42.14	3
11-9051	Food Service Managers		107	104	-3	-2.8	0	2	2	\$24.52	7
11-9081	Lodging Managers		*	*	*	*	*	*	*	n/a	7
11-9111	Medical and Health Services Managers		103	135	32	31.1	3	2	5	\$52.78	3
11-9121	Natural Sciences Managers		*	*	*	*	*	*	*	n/a	3
11-9131	Postmasters and Mail Superintendents		75	80	5	6.7	0	2	2	\$25.56	7
11-9141	Property, Real Estate, and Community Association Managers		38	42	4	10.5	0	1	1	n/a	7
11-9151	Social and Community Service Managers		151	195	44	29.1	4	3	7	\$24.92	3
11-9161	Emergency Management Directors		*	*	*	*	*	*	*	n/a	3
11-9199	Managers, All Other		61	66	5	8.2	0	1	1	\$27.96	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Business & Financial Support Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>13-0000</b>	<b>Business and Financial Operations Occupations</b>			<b>499</b>	<b>557</b>	<b>58</b>	<b>11.6</b>	<b>6</b>	<b>10</b>	<b>16</b>	<b>\$22.57</b>	<b>n/a</b>
<b>13-1000</b>	<b>Business Operations Specialists</b>			<b>253</b>	<b>280</b>	<b>27</b>	<b>10.7</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>n/a</b>	<b>n/a</b>
13-1011	Agents and Business Managers of Artists, Performers, and Athletes			*	*	*	*	*	*	*	n/a	3
13-1021	Buyers and Purchasing Agents, Farm Products			*	*	*	*	*	*	*	n/a	7
13-1022	Wholesale and Retail Buyers, Except Farm Products			*	*	*	*	*	*	*	n/a	7
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products			30	32	2	6.7	0	1	1	\$21.17	7
13-1031	Claims Adjusters, Examiners, and Investigators			*	*	*	*	*	*	*	n/a	7
13-1041	Compliance Officers			65	74	9	13.8	1	1	2	\$21.20	3
13-1051	Cost Estimators			*	*	*	*	*	*	*	n/a	3
13-1074	Farm Labor Contractors			*	*	*	*	*	*	*	n/a	8
13-1078	Human Resources, Training, and Labor Relations Specialists, All Other			57	64	7	12.3	1	1	2	n/a	3
13-1081	Logisticians			*	*	*	*	*	*	*	n/a	3
13-1111	Management Analysts			*	*	*	*	*	*	*	n/a	3
13-1121	Meeting, Convention, and Event Planners			*	*	*	*	*	*	*	n/a	3
13-1141	Compensation, Benefits, and Job Analysis Specialists			*	*	*	*	*	*	*	n/a	3
13-1151	Training and Development Specialists			*	*	*	*	*	*	*	n/a	3
13-1161	Market Research Analysts and Marketing Specialists			*	*	*	*	*	*	*	n/a	3
13-1199	Business Operations Specialists, All Other			36	39	3	8.3	0	1	1	\$23.37	7
<b>13-2000</b>	<b>Financial Specialists</b>			<b>246</b>	<b>277</b>	<b>31</b>	<b>12.6</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>n/a</b>	<b>n/a</b>
13-2011	Accountants and Auditors			108	126	18	16.7	2	2	4	\$23.98	3
13-2031	Budget Analysts			*	*	*	*	*	*	*	n/a	3
13-2041	Credit Analysts			*	*	*	*	*	*	*	n/a	3
13-2051	Financial Analysts			*	*	*	*	*	*	*	n/a	3
13-2052	Personal Financial Advisors			*	*	*	*	*	*	*	n/a	3
13-2071	Credit Counselors			*	*	*	*	*	*	*	n/a	3
13-2072	Loan Officers			50	56	6	12.0	1	1	2	\$23.98	7
13-2082	Tax Preparers			62	65	3	4.8	0	1	1	n/a	7
13-2099	Financial Specialists, All Other			*	*	*	*	*	*	*	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Computer & Mathematical Occs

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual 2010-2020 Growth Sep Total			2011	Req.
<b>15-0000</b>	<b>Computer and Mathematical Occupations</b>	<b>143</b>	<b>166</b>	<b>23</b>	<b>16.1</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
<b>15-1000</b>	<b>Computer Specialists</b>	<b>143</b>	<b>166</b>	<b>23</b>	<b>16.1</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
15-1111	Computer and Information Research Scientists	*	*	*	*	*	*	*	n/a	1
15-1121	Computer Systems Analysts	41	46	5	12.2	0	1	1	\$29.47	3
15-1131	Computer Programmers	*	*	*	*	*	*	*	n/a	3
15-1132	Software Developers, Applications	*	*	*	*	*	*	*	n/a	3
15-1133	Software Developers, Systems Software	*	*	*	*	*	*	*	n/a	3
15-1141	Database Administrators	*	*	*	*	*	*	*	n/a	3
15-1142	Network and Computer Systems Administrators	*	*	*	*	*	*	*	\$20.99	3
15-1150	Computer Support Specialists	39	50	11	28.2	1	1	2	n/a	6
15-1179	Info. Security Analysts, Web Developers, & Computer Network Arch.	*	*	*	*	*	*	*	n/a	3
15-1799	Computer Occupations, All Other	*	*	*	*	*	*	*	n/a	3
<b>15-2000</b>	<b>Mathematical Science Occupations</b>	*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
15-2031	Operations Research Analysts	*	*	*	*	*	*	*	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Architecture & Engineering Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>17-0000</b>	<b>Architecture and Engineering Occupations</b>			<b>236</b>	<b>249</b>	<b>13</b>	<b>5.5</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>n/a</b>	<b>n/a</b>
<b>17-1000</b>	<b>Architects, Surveyors, and Cartographers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
17-1011	Architects, Except Landscape and Naval			*	*	*	*	*	*	*	n/a	3
17-1021	Cartographers and Photogrammetrists			*	*	*	*	*	*	*	n/a	3
17-1022	Surveyors			*	*	*	*	*	*	*	\$18.86	3
<b>17-2000</b>	<b>Engineers</b>			<b>91</b>	<b>98</b>	<b>7</b>	<b>7.7</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
17-2011	Aerospace Engineers			*	*	*	*	*	*	*	n/a	3
17-2021	Agricultural Engineers			*	*	*	*	*	*	*	n/a	3
17-2031	Biomedical Engineers			*	*	*	*	*	*	*	n/a	3
17-2041	Chemical Engineers			*	*	*	*	*	*	*	n/a	3
17-2051	Civil Engineers			31	34	3	9.7	0	1	1	\$34.20	3
17-2061	Computer Hardware Engineers			*	*	*	*	*	*	*	n/a	3
17-2071	Electrical Engineers			*	*	*	*	*	*	*	n/a	3
17-2072	Electronics Engineers, Except Computer			*	*	*	*	*	*	*	n/a	3
17-2081	Environmental Engineers			*	*	*	*	*	*	*	n/a	3
17-2111	Health & Safety Engineers, Except Mining Safety Engineers & Inspectors			*	*	*	*	*	*	*	n/a	3
17-2112	Industrial Engineers			*	*	*	*	*	*	*	n/a	3
17-2131	Materials Engineers			*	*	*	*	*	*	*	n/a	3
17-2141	Mechanical Engineers			*	*	*	*	*	*	*	n/a	3
17-2151	Mining and Geological Engineers, Including Mining Safety Engineers			*	*	*	*	*	*	*	\$41.85	3
17-2171	Petroleum Engineers			*	*	*	*	*	*	*	n/a	3
17-2199	Engineers, All Other			*	*	*	*	*	*	*	n/a	3
<b>17-3000</b>	<b>Drafters, Engineering Technicians, and Mapping Technicians</b>			<b>117</b>	<b>119</b>	<b>2</b>	<b>1.7</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
17-3011	Architectural and Civil Drafters			*	*	*	*	*	*	*	\$16.16	4
17-3012	Electrical and Electronics Drafters			*	*	*	*	*	*	*	n/a	4
17-3013	Mechanical Drafters			*	*	*	*	*	*	*	n/a	4
17-3019	Drafters, All Other			*	*	*	*	*	*	*	n/a	4
17-3022	Civil Engineering Technicians			47	47	0	0.0	0	1	1	\$21.21	4
17-3023	Electrical and Electronics Engineering Technicians			*	*	*	*	*	*	*	\$36.76	4
17-3024	Electro-Mechanical Technicians			*	*	*	*	*	*	*	n/a	4
17-3025	Environmental Engineering Technicians			*	*	*	*	*	*	*	n/a	4
17-3026	Industrial Engineering Technicians			*	*	*	*	*	*	*	n/a	4
17-3027	Mechanical Engineering Technicians			*	*	*	*	*	*	*	n/a	4
17-3029	Engineering Technicians, Except Drafters, All Other			*	*	*	*	*	*	*	n/a	4
17-3031	Surveying and Mapping Technicians			*	*	*	*	*	*	*	\$17.21	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

**Life, Physical & Social Service Occs**

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>19-0000</b>	<b>Life, Physical, and Social Science Occupations</b>			<b>193</b>	<b>212</b>	<b>19</b>	<b>9.8</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>\$22.73</b>	<b>n/a</b>
<b>19-1000</b>	<b>Life Scientists</b>			<b>43</b>	<b>45</b>	<b>2</b>	<b>4.7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
19-1011	Animal Scientists			*	*	*	*	*	*	*	n/a	1
19-1012	Food Scientists and Technologists			*	*	*	*	*	*	*	n/a	3
19-1013	Soil and Plant Scientists			*	*	*	*	*	*	*	n/a	3
19-1023	Zoologists and Wildlife Biologists			*	*	*	*	*	*	*	n/a	3
19-1029	Biological Scientists, All Other			*	*	*	*	*	*	*	\$26.99	1
19-1031	Conservation Scientists			*	*	*	*	*	*	*	n/a	3
19-1032	Foresters			*	*	*	*	*	*	*	n/a	3
<b>19-2000</b>	<b>Physical Scientists</b>			<b>46</b>	<b>50</b>	<b>4</b>	<b>8.7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
19-2012	Physicists			*	*	*	*	*	*	*	n/a	1
19-2021	Atmospheric and Space Scientists			*	*	*	*	*	*	*	n/a	3
19-2031	Chemists			*	*	*	*	*	*	*	n/a	3
19-2041	Environmental Scientists and Specialists, Including Health			*	*	*	*	*	*	*	n/a	3
19-2042	Geoscientists, Except Hydrologists and Geographers			*	*	*	*	*	*	*	n/a	3
<b>19-3000</b>	<b>Social Scientists and Related Workers</b>			<b>59</b>	<b>66</b>	<b>7</b>	<b>11.9</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
19-3011	Economists			*	*	*	*	*	*	*	n/a	3
19-3031	Clinical, Counseling, and School Psychologists			*	*	*	*	*	*	*	\$30.30	1
19-3032	Industrial-Organizational Psychologists			*	*	*	*	*	*	*	n/a	2
19-3039	Psychologists, All Other			*	*	*	*	*	*	*	n/a	2
19-3051	Urban and Regional Planners			*	*	*	*	*	*	*	n/a	2
19-3099	Social Scientists and Related Workers, All Other			*	*	*	*	*	*	*	n/a	3
<b>19-4000</b>	<b>Life, Physical, and Social Science Technicians</b>			<b>45</b>	<b>51</b>	<b>6</b>	<b>13.3</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
19-4011	Agricultural and Food Science Technicians			*	*	*	*	*	*	*	n/a	4
19-4031	Chemical Technicians			*	*	*	*	*	*	*	\$11.34	4
19-4061	Social Science Research Assistants			*	*	*	*	*	*	*	n/a	4
19-4091	Environmental Science and Protection Technicians, Including Health			*	*	*	*	*	*	*	n/a	4
19-4093	Forest and Conservation Technicians			*	*	*	*	*	*	*	n/a	4
19-4099	Life, Physical, and Social Science Technicians, All Other			*	*	*	*	*	*	*	n/a	4

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Community & Social Service Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>21-0000</b>	<b>Community and Social Service Occupations</b>			<b>1,441</b>	<b>1,844</b>	<b>403</b>	<b>28.0</b>	<b>40</b>	<b>32</b>	<b>72</b>	<b>n/a</b>	<b>n/a</b>
<b>21-1000</b>	<b>Counselors, Social Wrks., &amp; Other Comm. &amp; Social Service Spe.</b>			<b>1,439</b>	<b>1,842</b>	<b>403</b>	<b>28.0</b>	<b>40</b>	<b>32</b>	<b>72</b>	<b>n/a</b>	<b>n/a</b>
21-1011	Substance Abuse and Behavioral Disorder Counselors			*	*	*	*	*	*	*	n/a	7
21-1012	Educational, Guidance, School, and Vocational Counselors			79	90	11	13.9	1	2	3	\$27.55	2
21-1014	Mental Health Counselors			210	301	91	43.3	9	4	13	\$15.97	2
21-1015	Rehabilitation Counselors			*	*	*	*	*	*	*	\$16.51	2
21-1019	Counselors, All Other			*	*	*	*	*	*	*	n/a	2
21-1021	Child, Family, and School Social Workers			450	527	77	17.1	8	11	19	\$18.07	3
21-1022	Healthcare Social Workers			40	47	7	17.5	1	1	2	\$16.18	2
21-1023	Mental Health and Substance Abuse Social Workers			123	171	48	39.0	5	3	8	\$16.96	3
21-1029	Social Workers, All Other			33	39	6	18.2	1	1	2	n/a	3
21-1091	Health Educators			40	57	17	42.5	2	1	3	n/a	3
21-1092	Probation Officers and Correctional Treatment Specialists			*	*	*	*	*	*	*	n/a	3
21-1093	Social and Human Service Assistants			360	474	114	31.7	11	8	19	\$10.06	7
21-1798	Community and Social Service Specialists, All Other			34	45	11	32.4	1	1	2	n/a	3
<b>21-2000</b>	<b>Religious Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
21-2011	Clergy			*	*	*	*	*	*	*	\$28.01	3
21-2099	Religious Workers, All Other			*	*	*	*	*	*	*	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Legal Occupations

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>23-0000</b>	<b>Legal Occupations</b>		<b>243</b>	<b>263</b>	<b>20</b>	<b>8.2</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>\$21.48</b>	<b>n/a</b>
<b>23-1000</b>	<b>Lawyers, Judges, and Related Workers</b>		<b>136</b>	<b>142</b>	<b>6</b>	<b>4.4</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
23-1011	Lawyers		91	96	5	5.5	0	2	2	\$28.01	1
23-1012	Judicial Law Clerks		*	*	*	*	*	*	*	n/a	1
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers		*	*	*	*	*	*	*	n/a	3
23-1022	Arbitrators, Mediators, and Conciliators		*	*	*	*	*	*	*	n/a	3
23-1023	Judges, Magistrate Judges, and Magistrates		31	33	2	6.5	0	1	1	n/a	1
<b>23-2000</b>	<b>Legal Support Workers</b>		<b>107</b>	<b>121</b>	<b>14</b>	<b>13.1</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
23-2011	Paralegals and Legal Assistants		61	69	8	13.1	1	1	2	\$16.88	4
23-2091	Court Reporters		*	*	*	*	*	*	*	n/a	5
23-2093	Title Examiners, Abstractors, and Searchers		*	*	*	*	*	*	*	n/a	7
23-2099	Legal Support Workers, All Other		35	39	4	11.4	0	0	0	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Education, Training & Library Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>25-0000</b>	<b>Education, Training, and Library Occupations</b>			<b>2,863</b>	<b>3,186</b>	<b>323</b>	<b>11.3</b>	<b>32</b>	<b>65</b>	<b>97</b>	<b>\$21.48</b>	<b>n/a</b>
<b>25-1000</b>	<b>Postsecondary Teachers</b>			<b>298</b>	<b>339</b>	<b>41</b>	<b>13.8</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>n/a</b>	<b>n/a</b>
25-1011	Business Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1021	Computer Science Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1022	Mathematical Science Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1042	Biological Science Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1052	Chemistry Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1054	Physics Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1065	Political Science Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1066	Psychology Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1067	Sociology Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1071	Health Specialties Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1072	Nursing Instructors and Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	2
25-1081	Education Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1113	Social Work Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1121	Art, Drama, and Music Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1122	Communications Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1123	English Language and Literature Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1124	Foreign Language and Literature Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1125	History Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1126	Philosophy and Religion Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	1
25-1193	Recreation and Fitness Studies Teachers, Postsecondary**			*	*	*	*	*	*	*	n/a	2
25-1194	Vocational Education Teachers, Postsecondary**			103	118	15	14.6	2	2	4	n/a	3
25-1199	Postsecondary Teachers, All Other**			49	55	6	12.2	1	1	2	n/a	2
<b>25-2000</b>	<b>Preschool, Primary, Sec., &amp; Special Education Sch. Teachers</b>			<b>1,569</b>	<b>1,745</b>	<b>176</b>	<b>11.2</b>	<b>18</b>	<b>39</b>	<b>57</b>	<b>n/a</b>	<b>n/a</b>
25-2011	Preschool Teachers, Except Special Education**			133	161	28	21.1	3	4	7	\$12.92	4
25-2012	Kindergarten Teachers, Except Special Education**			*	*	*	*	*	*	*	n/a	3
25-2021	Elementary School Teachers, Except Special Education**			742	833	91	12.3	9	16	25	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

\*\* Average hourly wages for these teacher occupations were calculated by assuming 9.5 working months per year at 40 hours per week.

# Kentucky River Area Occupational Employment Outlook

## Education, Training & Library Occs

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
25-2022	Middle Sch. Teachers, Except Special & Career/Technical Education**		123	139	16	13.0	2	3	5	n/a	3
25-2031	Sec. Sch. Teachers, Except Special and Career/Technical Education**		328	338	10	3.0	1	9	10	n/a	3
25-2041	Special Education Teachers, Preschool, Kindergarten,& Elem. School**		128	150	22	17.2	2	4	6	n/a	3
25-2053	Special Education Teachers, Middle School**		*	*	*	*	*	*	*	n/a	3
25-2054	Special Education Teachers, Secondary School**		75	77	2	2.7	0	2	2	n/a	3
<b>25-3000</b>	<b>Other Teachers and Instructors</b>		<b>67</b>	<b>75</b>	<b>8</b>	<b>11.9</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
25-3011	Adult Basic & Sec. Education & Literacy Teachers & Instructors**		*	*	*	*	*	*	*	n/a	3
25-3021	Self-Enrichment Education Teachers**		*	*	*	*	*	*	*	n/a	7
25-3999	Teachers and Instructors, All Other**		54	60	6	11.1	1	1	2	n/a	3
<b>25-4000</b>	<b>Librarians, Curators, and Archivists</b>		<b>64</b>	<b>67</b>	<b>3</b>	<b>4.7</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
25-4011	Archivists		*	*	*	*	*	*	*	n/a	3
25-4012	Curators		*	*	*	*	*	*	*	n/a	2
25-4013	Museum Technicians and Conservators		*	*	*	*	*	*	*	n/a	3
25-4021	Librarians		*	*	*	*	*	*	*	\$26.55	2
25-4031	Library Technicians		*	*	*	*	*	*	*	n/a	5
<b>25-9000</b>	<b>Other Education, Training, and Library Occupations</b>		<b>865</b>	<b>960</b>	<b>95</b>	<b>11.0</b>	<b>10</b>	<b>20</b>	<b>30</b>	<b>n/a</b>	<b>n/a</b>
25-9031	Instructional Coordinators		76	89	13	17.1	1	2	3	\$32.93	2
25-9041	Teacher Assistants		696	768	72	10.3	7	16	23	n/a	7
25-9099	Education, Training, and Library Workers, All Other		93	103	10	10.8	1	2	3	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

\*\* Average hourly wages for these teacher occupations were calculated by assuming 9.5 working months per year at 40 hours per week.

# Kentucky River Area

## Arts, Design, Entertainment, Sports & Media Occs

# Occupational Employment Outlook

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
		2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total				
<b>27-0000</b>	<b>Arts, Design, Entertainment, Sports, and Media Occupations</b>	223	231	8	3.6	2	6	8	n/a	n/a		
<b>27-1000</b>	<b>Art and Design Workers</b>	102	98	-4	-3.9	0	3	3	n/a	n/a		
27-1011	Art Directors	*	*	*	*	*	*	*	n/a	3		
27-1012	Craft Artists	*	*	*	*	*	*	*	n/a	7		
27-1013	Fine Artists, Including Painters, Sculptors, and Illustrators	*	*	*	*	*	*	*	n/a	7		
27-1014	Multi-Media Artists and Animators	*	*	*	*	*	*	*	n/a	3		
27-1021	Commercial and Industrial Designers	*	*	*	*	*	*	*	n/a	3		
27-1022	Fashion Designers	*	*	*	*	*	*	*	n/a	7		
27-1023	Floral Designers	77	70	-7	-9.1	0	2	2	n/a	7		
27-1024	Graphic Designers	*	*	*	*	*	*	*	\$13.63	3		
27-1025	Interior Designers	*	*	*	*	*	*	*	n/a	3		
27-1026	Merchandise Displayers and Window Trimmers	*	*	*	*	*	*	*	n/a	7		
27-1027	Set and Exhibit Designers	*	*	*	*	*	*	*	n/a	3		
27-1029	Designers, All Other	*	*	*	*	*	*	*	n/a	3		
<b>27-2000</b>	<b>Entertainers and Performers, Sports and Related Workers</b>	*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>		
27-2011	Actors	*	*	*	*	*	*	*	n/a	6		
27-2012	Producers and Directors	*	*	*	*	*	*	*	n/a	3		
27-2021	Athletes and Sports Competitors	*	*	*	*	*	*	*	n/a	7		
27-2022	Coaches and Scouts	*	*	*	*	*	*	*	n/a	7		
27-2023	Umpires, Referees, and Other Sports Officials	*	*	*	*	*	*	*	n/a	7		
27-2031	Dancers	*	*	*	*	*	*	*	n/a	7		
27-2032	Choreographers	*	*	*	*	*	*	*	n/a	7		
27-2041	Music Directors and Composers	*	*	*	*	*	*	*	n/a	3		
27-2042	Musicians and Singers	*	*	*	*	*	*	*	n/a	7		
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	*	*	*	*	*	*	*	n/a	7		

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area

## Arts, Design, Entertainment, Sports & Media Occs

### Occupational Employment Outlook

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual 2010-2020			2011	Req.
						Growth	Sep	Total		
<b>27-3000</b>	<b>Media and Communication Workers</b>	<b>65</b>	<b>76</b>	<b>11</b>	<b>16.9</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
27-3011	Radio and Television Announcers	*	*	*	*	*	*	*	n/a	3
27-3012	Public Address System and Other Announcers	*	*	*	*	*	*	*	n/a	7
27-3021	Broadcast News Analysts	*	*	*	*	*	*	*	n/a	3
27-3022	Reporters and Correspondents	*	*	*	*	*	*	*	n/a	3
27-3031	Public Relations Specialists	36	43	7	19.4	1	1	2	\$19.98	3
27-3041	Editors	*	*	*	*	*	*	*	n/a	3
27-3042	Technical Writers	*	*	*	*	*	*	*	n/a	3
27-3043	Writers and Authors	*	*	*	*	*	*	*	n/a	3
27-3091	Interpreters and Translators	*	*	*	*	*	*	*	n/a	3
27-3099	Media and Communication Workers, All Other	*	*	*	*	*	*	*	n/a	7
<b>27-4000</b>	<b>Media and Communication Equipment Workers</b>	<b>34</b>	<b>32</b>	<b>-2</b>	<b>-5.9</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
27-4011	Audio and Video Equipment Technicians	*	*	*	*	*	*	*	n/a	5
27-4012	Broadcast Technicians	*	*	*	*	*	*	*	n/a	4
27-4014	Sound Engineering Technicians	*	*	*	*	*	*	*	n/a	5
27-4021	Photographers	*	*	*	*	*	*	*	n/a	7
27-4031	Camera Operators, Television, Video, and Motion Picture	*	*	*	*	*	*	*	n/a	3
27-4032	Film and Video Editors	*	*	*	*	*	*	*	n/a	3
27-4099	Media and Communication Equipment Workers, All Other	*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Healthcare Practitioners & Technical Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>29-0000</b>	<b>Healthcare Practitioners and Technical Occupations</b>			<b>2,835</b>	<b>3,746</b>	<b>911</b>	<b>32.1</b>	<b>91</b>	<b>59</b>	<b>150</b>	<b>\$28.41</b>	<b>n/a</b>
<b>29-1000</b>	<b>Health Diagnosing and Treating Practitioners</b>			<b>1,422</b>	<b>1,854</b>	<b>432</b>	<b>30.4</b>	<b>43</b>	<b>28</b>	<b>71</b>	<b>n/a</b>	<b>n/a</b>
29-1011	Chiropractors			*	*	*	*	*	*	*	n/a	1
29-1021	Dentists, General			*	*	*	*	*	*	*	n/a	1
29-1023	Orthodontists			*	*	*	*	*	*	*	n/a	1
29-1031	Dietitians and Nutritionists			*	*	*	*	*	*	*	n/a	3
29-1041	Optometrists			32	44	12	37.5	1	1	2	n/a	1
29-1051	Pharmacists			80	117	37	46.3	4	2	6	\$71.73	1
29-1061	Anesthesiologists			*	*	*	*	*	*	*	\$125.71	1
29-1062	Family and General Practitioners			141	188	47	33.3	5	3	8	\$85.44	1
29-1063	Internists, General			*	*	*	*	*	*	*	n/a	1
29-1064	Obstetricians and Gynecologists			*	*	*	*	*	*	*	n/a	1
29-1065	Pediatricians, General			31	40	9	29.0	1	1	2	n/a	1
29-1066	Psychiatrists			*	*	*	*	*	*	*	\$81.38	1
29-1067	Surgeons			*	*	*	*	*	*	*	n/a	1
29-1069	Physicians and Surgeons, All Other			45	52	7	15.6	1	1	2	\$85.84	1
29-1071	Physician Assistants			*	*	*	*	*	*	*	n/a	2
29-1111	Registered Nurses			834	1,088	254	30.5	25	15	40	n/a	4
29-1122	Occupational Therapists			*	*	*	*	*	*	*	n/a	2
29-1123	Physical Therapists			33	50	17	51.5	2	0	2	\$38.10	1
29-1124	Radiation Therapists			*	*	*	*	*	*	*	n/a	4
29-1125	Recreational Therapists			*	*	*	*	*	*	*	n/a	3
29-1126	Respiratory Therapists			31	40	9	29.0	1	1	2	\$22.18	4
29-1127	Speech-Language Pathologists			30	33	3	10.0	0	1	1	\$30.49	2
29-1128	Therapists, all other			*	*	*	*	*	*	*	n/a	2
29-1131	Veterinarians			*	*	*	*	*	*	*	n/a	1

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Healthcare Practitioners & Technical Occs

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>29-2000</b>	<b>Health Technologists and Technicians</b>		<b>1321</b>	<b>1801</b>	<b>480</b>	<b>36.3</b>	<b>48</b>	<b>28</b>	<b>76</b>	<b>n/a</b>	<b>n/a</b>
29-2011	Medical and Clinical Laboratory Technologists		38	40	2	5.3	0	1	1	\$27.98	3
29-2012	Medical and Clinical Laboratory Technicians		*	*	*	*	*	*	*	\$16.48	4
29-2031	Cardiovascular Technologists and Technicians		*	*	*	*	*	*	*	n/a	4
29-2032	Diagnostic Medical Sonographers		*	*	*	*	*	*	*	n/a	4
29-2033	Nuclear Medicine Technologists		*	*	*	*	*	*	*	n/a	4
29-2037	Radiologic Technologists and Technicians		64	84	20	31.3	2	1	3	n/a	4
29-2041	Emergency Medical Technicians and Paramedics		309	442	133	43.0	13	6	19	\$16.57	5
29-2051	Dietetic Technicians		*	*	*	*	*	*	*	n/a	7
29-2052	Pharmacy Technicians		288	446	158	54.9	16	5	21	\$11.41	7
29-2054	Respiratory Therapy Technicians		*	*	*	*	*	*	*	\$15.17	4
29-2055	Surgical Technologists		*	*	*	*	*	*	*	\$16.92	5
29-2061	Licensed Practical and Licensed Vocational Nurses		422	547	125	29.6	12	11	23	\$16.00	5
29-2071	Medical Records and Health Information Technicians		73	92	19	26.0	2	2	4	\$11.52	5
29-2081	Opticians, Dispensing		*	*	*	*	*	*	*	n/a	7
29-2091	Orthotists and Prosthetists		*	*	*	*	*	*	*	n/a	2
29-2799	Health Technologists and Technicians, All Other		38	49	11	28.9	1	1	2	n/a	5
<b>29-9000</b>	<b>Other Healthcare Practitioners and Technical Occupations</b>		<b>92</b>	<b>91</b>	<b>-1</b>	<b>-1.1</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>n/a</b>	<b>n/a</b>
29-9011	Occupational Health and Safety Specialists		84	83	-1	-1.2	0	3	3	n/a	3
29-9012	Occupational Health and Safety Technicians		*	*	*	*	*	*	*	\$25.30	7
29-9091	Athletic Trainers		*	*	*	*	*	*	*	n/a	3
29-9799	Healthcare Practitioners and Technical Workers, All Other		*	*	*	*	*	*	*	n/a	3

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Healthcare Support Occupations

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	Total	2011	Req.
<b>31-0000</b>	<b>Healthcare Support Occupations</b>	<b>1,247</b>	<b>1,579</b>	<b>332</b>	<b>26.6</b>	<b>33</b>	<b>17</b>	<b>50</b>	<b>\$12.10</b>	n/a
<b>31-1000</b>	<b>Nursing, Psychiatric, and Home Health Aides</b>	<b>961</b>	<b>1,206</b>	<b>245</b>	<b>25.5</b>	<b>24</b>	<b>12</b>	<b>36</b>	<b>n/a</b>	n/a
31-1011	Home Health Aides	113	146	33	29.2	3	2	5	\$11.44	8
31-1012	Nursing Aides, Orderlies, and Attendants	747	937	190	25.4	19	10	29	n/a	5
31-1013	Psychiatric Aides	101	123	22	21.8	2	1	3	n/a	7
<b>31-2000</b>	<b>Occupational Therapy &amp; Physical Therapist Assistants &amp; Aides</b>	<b>75</b>	<b>120</b>	<b>45</b>	<b>60.0</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>n/a</b>	n/a
31-2011	Occupational Therapy Assistants	*	*	*	*	*	*	*	n/a	4
31-2021	Physical Therapist Assistants	39	65	26	66.7	3	1	4	\$21.26	4
31-2022	Physical Therapist Aides	*	*	*	*	*	*	*	\$9.30	7
<b>31-9000</b>	<b>Other Healthcare Support Occupations</b>	<b>211</b>	<b>253</b>	<b>42</b>	<b>19.9</b>	<b>4</b>	<b>3</b>	<b>7</b>	<b>n/a</b>	n/a
31-9011	Massage Therapists	*	*	*	*	*	*	*	n/a	5
31-9091	Dental Assistants	*	*	*	*	*	*	*	n/a	5
31-9092	Medical Assistants	80	108	28	35.0	3	1	4	\$13.93	7
31-9093	Medical Equipment Preparers	*	*	*	*	*	*	*	n/a	7
31-9094	Medical Transcriptionists	*	*	*	*	*	*	*	\$15.00	5
31-9095	Pharmacy Aides	*	*	*	*	*	*	*	n/a	7
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	39	42	3	7.7	0	1	1	n/a	7
31-9799	Healthcare Support Workers, All Other	42	48	6	14.3	1	1	2	\$20.38	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Protective Service Occupations

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>33-0000</b>	<b>Protective Service Occupations</b>			<b>1,016</b>	<b>1,134</b>	<b>118</b>	<b>11.6</b>	<b>12</b>	<b>23</b>	<b>35</b>	<b>\$11.27</b>	n/a
<b>33-1000</b>	<b>Supervisors of Protective Service Workers</b>			<b>59</b>	<b>65</b>	<b>6</b>	<b>10.2</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	n/a
33-1011	First-Line Supervisors of Correctional Officers			*	*	*	*	*	*	*	n/a	7
33-1012	First-Line Supervisors of Police and Detectives			*	*	*	*	*	*	*	n/a	7
33-1021	First-Line Supervisors of Fire Fighting and Prevention Workers			*	*	*	*	*	*	*	n/a	5
33-1099	First-Line Supervisors of Protective Service Workers, All Other			*	*	*	*	*	*	*	n/a	7
<b>33-2000</b>	<b>Fire Fighting and Prevention Workers</b>			<b>148</b>	<b>163</b>	<b>15</b>	<b>10.1</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>n/a</b>	n/a
33-2011	Firefighters			*	*	*	*	*	*	*	\$12.82	5
33-2021	Fire Inspectors and Investigators			*	*	*	*	*	*	*	n/a	7
<b>33-3000</b>	<b>Law Enforcement Workers</b>			<b>652</b>	<b>735</b>	<b>83</b>	<b>12.7</b>	<b>8</b>	<b>12</b>	<b>20</b>	<b>n/a</b>	n/a
33-3012	Correctional Officers and Jailers			563	641	78	13.9	8	10	18	\$10.81	7
33-3021	Detectives and Criminal Investigators			*	*	*	*	*	*	*	n/a	7
33-3031	Fish and Game Wardens			*	*	*	*	*	*	*	n/a	7
33-3051	Police and Sheriff's Patrol Officers			77	82	5	6.5	0	2	2	\$17.59	7
33-3052	Transit and Railroad Police			*	*	*	*	*	*	*	n/a	7
<b>33-9000</b>	<b>Other Protective Service Workers</b>			<b>157</b>	<b>171</b>	<b>14</b>	<b>8.9</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>n/a</b>	n/a
33-9011	Animal Control Workers			*	*	*	*	*	*	*	n/a	7
33-9021	Private Detectives and Investigators			*	*	*	*	*	*	*	n/a	6
33-9032	Security Guards			125	134	9	7.2	1	2	3	\$9.05	7
33-9092	Lifeguards, Ski Patrol, & Other Recreational Protective Service Workers			*	*	*	*	*	*	*	n/a	7
33-9099	Protective Service Workers, All Other			*	*	*	*	*	*	*	\$12.25	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Food, Preparation & Serving Related Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>35-0000</b>	<b>Food Preparation and Serving Related Occupations</b>			<b>2769</b>	<b>2955</b>	<b>186</b>	<b>6.7</b>	<b>22</b>	<b>74</b>	<b>96</b>	<b>\$9.11</b>	<b>n/a</b>
<b>35-1000</b>	<b>Supervisors of Food Preparation and Serving Workers</b>			<b>286</b>	<b>310</b>	<b>24</b>	<b>8.4</b>	<b>2</b>	<b>6</b>	<b>8</b>	<b>n/a</b>	<b>n/a</b>
35-1011	Chefs and Head Cooks			*	*	*	*	*	*	*	n/a	7
35-1012	First-Line Supervisors of Food Preparation and Serving Workers			*	*	*	*	*	*	*	\$13.86	7
<b>35-2000</b>	<b>Cooks and Food Preparation Workers</b>			<b>923</b>	<b>922</b>	<b>-1</b>	<b>-0.1</b>	<b>2</b>	<b>21</b>	<b>23</b>	<b>n/a</b>	<b>n/a</b>
35-2011	Cooks, Fast Food			346	330	-16	-4.6	0	7	7	\$8.16	8
35-2012	Cooks, Institution and Cafeteria			503	516	13	2.6	1	11	12	\$9.72	8
35-2013	Cooks, Private Household			*	*	*	*	*	*	*	n/a	5
35-2014	Cooks, Restaurant			*	*	*	*	*	*	*	\$9.23	8
35-2015	Cooks, Short Order			*	*	*	*	*	*	*	n/a	8
35-2021	Food Preparation Workers			60	61	1	1.7	0	2	2	\$9.04	8
<b>35-3000</b>	<b>Food and Beverage Serving Workers</b>			<b>1557</b>	<b>1720</b>	<b>163</b>	<b>10.5</b>	<b>18</b>	<b>48</b>	<b>66</b>	<b>n/a</b>	<b>n/a</b>
35-3011	Bartenders			*	*	*	*	*	*	*	n/a	8
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food			1332	1486	154	11.6	15	37	52	\$8.32	8
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop			*	*	*	*	*	*	*	n/a	8
35-3031	Waiters and Waitresses			152	139	-13	-8.6	0	8	8	\$8.12	8
35-3041	Food Servers, Nonrestaurant			58	78	20	34.5	2	2	4	n/a	8
<b>35-9000</b>	<b>Other Food Preparation and Serving Related Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers			*	*	*	*	*	*	*	n/a	8
35-9021	Dishwashers			*	*	*	*	*	*	*	n/a	8
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop			*	*	*	*	*	*	*	n/a	8
35-9099	Food Preparation and Serving Related Workers, All Other			*	*	*	*	*	*	*	n/a	8

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Building, Grounds Cleaning & Maintenance Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>37-0000</b>	<b>Building and Grounds Cleaning and Maintenance Occupations</b>			1,139	1,277	138	12.1	14	20	34	\$10.12	n/a
<b>37-1000</b>	<b>Supervs. of Bldg. &amp; Grounds Cleaning &amp; Maintenance Workers</b>			90	99	9	10.0	1	1	2	n/a	n/a
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers			*	*	*	*	*	*	*	\$12.27	7
37-1012	First-Line Supervs. of Landsc., Lawn Service, & Groundskeeping Wrks.			*	*	*	*	*	*	*	n/a	7
<b>37-2000</b>	<b>Building Cleaning and Pest Control Workers</b>			766	829	63	8.2	6	14	20	n/a	n/a
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners			389	423	34	8.7	3	7	10	\$10.00	8
37-2012	Maids and Housekeeping Cleaners			365	392	27	7.4	3	6	9	\$8.86	8
37-2019	Building Cleaning Workers, All Other			*	*	*	*	*	*	*	n/a	7
37-2021	Pest Control Workers			*	*	*	*	*	*	*	n/a	7
<b>37-3000</b>	<b>Grounds Maintenance Workers</b>			283	349	66	23.3	7	5	12	n/a	n/a
37-3011	Landscaping and Groundskeeping Workers			283	349	66	23.3	7	5	12	\$9.76	7
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation			*	*	*	*	*	*	*	n/a	7
37-3013	Tree Trimmers and Pruners			*	*	*	*	*	*	*	n/a	7
37-3019	Grounds Maintenance Workers, All Other			*	*	*	*	*	*	*	n/a	8

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Personal Care & Service Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>39-0000</b>	<b>Personal Care and Service Occupations</b>			<b>1,021</b>	<b>1,327</b>	<b>306</b>	<b>30.0</b>	<b>31</b>	<b>26</b>	<b>57</b>	<b>n/a</b>	<b>n/a</b>
<b>39-1000</b>	<b>Supervisors of Personal Care and Service Workers</b>			<b>90</b>	<b>113</b>	<b>23</b>	<b>25.6</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
39-1011	Gaming Supervisors			*	*	*	*	*	*	*	n/a	7
39-1021	First-Line Supervisors of Personal Service Workers			*	*	*	*	*	*	*	\$12.86	7
<b>39-2000</b>	<b>Animal Care and Service Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
39-2011	Animal Trainers			*	*	*	*	*	*	*	n/a	7
39-2021	Nonfarm Animal Caretakers			*	*	*	*	*	*	*	n/a	8
<b>39-3000</b>	<b>Entertainment Attendants and Related Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
39-3011	Gaming Dealers			*	*	*	*	*	*	*	n/a	7
39-3012	Gaming and Sports Book Writers and Runners			*	*	*	*	*	*	*	n/a	7
39-3031	Ushers, Lobby Attendants, and Ticket Takers			*	*	*	*	*	*	*	n/a	8
39-3091	Amusement and Recreation Attendants			*	*	*	*	*	*	*	n/a	8
39-3092	Costume Attendants			*	*	*	*	*	*	*	n/a	7
39-3093	Locker Room, Coatroom, and Dressing Room Attendants			*	*	*	*	*	*	*	n/a	7
39-3099	Entertainment Attendants and Related Workers, All Other			*	*	*	*	*	*	*	n/a	7
<b>39-5000</b>	<b>Personal Appearance Workers</b>			<b>137</b>	<b>146</b>	<b>9</b>	<b>6.6</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
39-5011	Barbers			*	*	*	*	*	*	*	n/a	5
39-5012	Hairdressers, Hairstylists, and Cosmetologists			116	125	9	7.8	1	2	3	n/a	5
39-5092	Manicurists and Pedicurists			*	*	*	*	*	*	*	n/a	5
<b>39-6000</b>	<b>Baggage Porters, Bellhops, and Concierges</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
39-6011	Baggage Porters and Bellhops			*	*	*	*	*	*	*	n/a	7
39-6012	Concierges			*	*	*	*	*	*	*	n/a	7
<b>39-7000</b>	<b>Tour and Travel Guides</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
39-7011	Tour Guides and Escorts			*	*	*	*	*	*	*	n/a	7
<b>39-9000</b>	<b>Other Personal Care and Service Workers</b>			<b>756</b>	<b>1023</b>	<b>267</b>	<b>35.3</b>	<b>27</b>	<b>20</b>	<b>47</b>	<b>n/a</b>	<b>n/a</b>
39-9011	Childcare Workers			253	280	27	10.7	3	8	11	\$8.90	7
39-9021	Personal Care Aides			210	358	148	70.5	15	2	17	\$8.67	8
39-9031	Fitness Trainers and Aerobics Instructors			*	*	*	*	*	*	*	n/a	7
39-9032	Recreation Workers			*	*	*	*	*	*	*	\$10.65	3
39-9041	Residential Advisors			239	317	78	32.6	8	9	17	\$8.72	6
39-9099	Personal Care and Service Workers, All Other			*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Sales & Related Occupations

Occupational		Employment		Change		Job Openings			Ave.	~ Educ.
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual 2010-2020 Growth Sep Total			Wage 2011	Training Req.
<b>41-0000</b>	<b>Sales and Related Occupations</b>	<b>2,807</b>	<b>3,123</b>	<b>316</b>	<b>11.3</b>	<b>32</b>	<b>93</b>	<b>125</b>	<b>\$12.31</b>	<b>n/a</b>
<b>41-1000</b>	<b>Supervisors of Sales Workers</b>	<b>599</b>	<b>658</b>	<b>59</b>	<b>9.8</b>	<b>6</b>	<b>14</b>	<b>20</b>	<b>n/a</b>	<b>n/a</b>
41-1011	First-Line Supervisors of Retail Sales Workers	462	518	56	12.1	6	11	17	\$15.73	7
41-1012	First-Line Supervisors of Non-Retail Sales Workers	137	140	3	2.2	0	3	3	\$16.95	7
<b>41-2000</b>	<b>Retail Sales Workers</b>	<b>1,862</b>	<b>2,078</b>	<b>216</b>	<b>11.6</b>	<b>22</b>	<b>70</b>	<b>92</b>	<b>n/a</b>	<b>n/a</b>
41-2011	Cashiers	885	909	24	2.7	2	40	42	\$8.45	8
41-2021	Counter and Rental Clerks	46	58	12	26.1	1	1	2	\$8.45	8
41-2022	Parts Salespersons	134	158	24	17.9	2	5	7	n/a	8
41-2031	Retail Salespersons	797	953	156	19.6	16	23	39	\$11.43	8
<b>41-3000</b>	<b>Sales Representatives, Services</b>	<b>139</b>	<b>154</b>	<b>15</b>	<b>10.8</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
41-3011	Advertising Sales Agents	*	*	*	*	*	*	*	n/a	7
41-3021	Insurance Sales Agents	*	*	*	*	*	*	*	n/a	7
41-3099	Sales Representatives, Services, All Other	112	121	9	8.0	1	3	4	\$16.41	7
<b>41-4000</b>	<b>Sales Representatives, Wholesale and Manufacturing</b>	<b>173</b>	<b>194</b>	<b>21</b>	<b>12.1</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
41-4011	Sales Reps., Wholesale & Manufacturing, Tech. & Scientific Products	*	*	*	*	*	*	*	\$23.14	3
41-4012	Sales Reps., Wholesale & Manuf., Except Tech. & Scientific Products	*	*	*	*	*	*	*	\$20.48	7
<b>41-9000</b>	<b>Other Sales and Related Workers</b>	<b>34</b>	<b>39</b>	<b>5</b>	<b>14.7</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>n/a</b>	<b>n/a</b>
41-9011	Demonstrators and Product Promoters	*	*	*	*	*	*	*	n/a	7
41-9022	Real Estate Sales Agents	*	*	*	*	*	*	*	n/a	7
41-9031	Sales Engineers	*	*	*	*	*	*	*	n/a	3
41-9041	Telemarketers	*	*	*	*	*	*	*	n/a	8
41-9091	Door-to-Door Sales Workers, News & Str. Vendors, & Related Workers	*	*	*	*	*	*	*	n/a	7
41-9799	Sales and Related Workers, All Other	*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Office & Administrative Support Occs

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	Total	2011	Req.
<b>43-0000</b>	<b>Office and Administrative Support Occupations</b>	<b>4431</b>	<b>4962</b>	<b>531</b>	<b>12.0</b>	<b>57</b>	<b>93</b>	<b>150</b>	<b>\$13.63</b>	<b>n/a</b>
<b>43-1000</b>	<b>Supervisors of Office and Administrative Support Workers</b>	*	*	*	*	*	*	*	n/a	n/a
43-1011	First-Line Supervisors of Office and Administrative Support Workers	*	*	*	*	*	*	*	\$21.22	7
<b>43-2000</b>	<b>Communications Equipment Operators</b>	*	*	*	*	*	*	*	n/a	n/a
43-2011	Switchboard Operators, Including Answering Service	*	*	*	*	*	*	*	\$11.38	7
<b>43-3000</b>	<b>Financial Clerks</b>	<b>910</b>	<b>1054</b>	<b>144</b>	<b>15.8</b>	<b>14</b>	<b>15</b>	<b>29</b>	<b>n/a</b>	<b>n/a</b>
43-3011	Bill and Account Collectors	*	*	*	*	*	*	*	\$19.26	7
43-3021	Billing and Posting Clerks	308	384	76	24.7	8	5	13	\$13.28	7
43-3031	Bookkeeping, Accounting, and Auditing Clerks	473	537	64	13.5	6	5	11	\$15.29	7
43-3041	Gaming Cage Workers	*	*	*	*	*	*	*	n/a	7
43-3051	Payroll and Timekeeping Clerks	*	*	*	*	*	*	*	\$14.79	7
43-3061	Procurement Clerks	*	*	*	*	*	*	*	n/a	7
43-3071	Tellers	*	*	*	*	*	*	*	\$9.74	7
<b>43-4000</b>	<b>Information and Record Clerks</b>	<b>1031</b>	<b>1233</b>	<b>202</b>	<b>19.6</b>	<b>20</b>	<b>30</b>	<b>50</b>	<b>n/a</b>	<b>n/a</b>
43-4031	Court, Municipal, and License Clerks	82	88	6	7.3	1	2	3	\$12.55	7
43-4041	Credit Authorizers, Checkers, and Clerks	*	*	*	*	*	*	*	n/a	7
43-4051	Customer Service Representatives	257	290	33	12.8	3	7	10	\$13.06	7
43-4061	Eligibility Interviewers, Government Programs	*	*	*	*	*	*	*	\$22.49	4
43-4071	File Clerks	34	35	1	2.9	0	1	1	\$10.83	7
43-4081	Hotel, Motel, and Resort Desk Clerks	39	42	3	7.7	0	2	2	\$8.19	7
43-4111	Interviewers, Except Eligibility and Loan	60	69	9	15.0	1	1	2	\$13.75	7
43-4121	Library Assistants, Clerical	*	*	*	*	*	*	*	n/a	7
43-4131	Loan Interviewers and Clerks	38	36	-2	-5.3	0	1	1	\$12.36	7
43-4151	Order Clerks	34	44	10	29.4	1	1	2	\$11.32	7
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	*	*	*	*	*	*	*	\$15.04	7
43-4171	Receptionists and Information Clerks	411	548	137	33.3	14	12	26	\$11.09	7
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	*	*	*	*	*	*	*	n/a	7
43-4199	Information and Record Clerks, All Other	*	*	*	*	*	*	*	\$16.27	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Office & Administrative Support Occs

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual 2010-2020 Growth Sep Total			2011	Req.
<b>43-5000</b>	<b>Material Recording, Scheduling, Dispatching, &amp; Dist. Workers</b>	<b>934</b>	<b>942</b>	<b>8</b>	<b>0.9</b>	<b>4</b>	<b>22</b>	<b>26</b>	<b>n/a</b>	<b>n/a</b>
43-5021	Couriers and Messengers	42	43	1	2.4	0	1	1	\$12.18	7
43-5031	Police, Fire, and Ambulance Dispatchers	*	*	*	*	*	*	*	\$17.29	7
43-5032	Dispatchers, Except Police, Fire, and Ambulance	*	*	*	*	*	*	*	\$17.55	7
43-5041	Meter Readers, Utilities	*	*	*	*	*	*	*	n/a	7
43-5051	Postal Service Clerks	34	25	-9	-26.5	0	1	1	\$23.46	7
43-5052	Postal Service Mail Carriers	49	63	14	28.6	1	2	3	\$23.16	7
43-5053	Postal Service Mail Sorters, Processors, Processing Machine Operators	62	46	-16	-25.8	0	0	0	\$13.61	7
43-5061	Production, Planning, and Expediting Clerks	*	*	*	*	*	*	*	\$22.86	7
43-5071	Shipping, Receiving, and Traffic Clerks	*	*	*	*	*	*	*	\$12.27	7
43-5081	Stock Clerks and Order Fillers	644	660	16	2.5	2	16	18	\$9.52	8
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	*	*	*	*	*	*	*	n/a	7
<b>43-6000</b>	<b>Secretaries and Administrative Assistants</b>	<b>871</b>	<b>944</b>	<b>73</b>	<b>8.4</b>	<b>7</b>	<b>12</b>	<b>19</b>	<b>n/a</b>	<b>n/a</b>
43-6011	Executive Secretaries and Executive Administrative Assistants	278	308	30	10.8	3	4	7	\$17.55	7
43-6012	Legal Secretaries	63	62	-1	-1.6	0	1	1	\$13.02	7
43-6013	Medical Secretaries	77	105	28	36.4	3	1	4	\$13.37	7
43-6014	Secretaries & Adm. Assistants, Except Legal, Medical, & Executive	453	469	16	3.5	2	6	8	\$12.82	7
<b>43-9000</b>	<b>Other Office and Administrative Support Workers</b>	<b>410</b>	<b>468</b>	<b>58</b>	<b>14.1</b>	<b>6</b>	<b>7</b>	<b>13</b>	<b>n/a</b>	<b>n/a</b>
43-9011	Computer Operators	*	*	*	*	*	*	*	n/a	7
43-9021	Data Entry Keyers	*	*	*	*	*	*	*	\$11.84	7
43-9022	Word Processors and Typists	*	*	*	*	*	*	*	\$18.42	7
43-9031	Desktop Publishers	*	*	*	*	*	*	*	n/a	4
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	*	*	*	*	*	*	*	n/a	7
43-9061	Office Clerks, General	354	411	57	16.1	6	6	12	\$12.40	7
43-9071	Office Machine Operators, Except Computer	*	*	*	*	*	*	*	n/a	7
43-9111	Statistical Assistants	*	*	*	*	*	*	*	n/a	3
43-9799	Office and Administrative Support Workers, All Other	32	33	1	3.1	0	1	1	\$9.71	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Farming, Fishing & Forestry Occs

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>45-0000</b>	<b>Farming, Fishing, and Forestry Occupations</b>			<b>352</b>	<b>344</b>	<b>-8</b>	<b>-2.3</b>	<b>0</b>	<b>10</b>	<b>10</b>	<b>\$15.01</b>	<b>n/a</b>
<b>45-1000</b>	<b>Supervisors of Farming, Fishing, and Forestry Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers			*	*	*	*	*	*	*	n/a	7
<b>45-2000</b>	<b>Agricultural Workers</b>			<b>275</b>	<b>264</b>	<b>-11</b>	<b>-4.0</b>	<b>0</b>	<b>8</b>	<b>8</b>	<b>n/a</b>	<b>n/a</b>
45-2011	Agricultural Inspectors			*	*	*	*	*	*	*	n/a	3
45-2021	Animal Breeders			*	*	*	*	*	*	*	n/a	7
45-2041	Graders and Sorters, Agricultural Products			*	*	*	*	*	*	*	n/a	8
45-2091	Agricultural Equipment Operators			*	*	*	*	*	*	*	n/a	8
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse			212	203	-9	-4.2	0	6	6	n/a	8
45-2093	Farmworkers, Farm, Ranch, and Aquacultural Animals			*	*	*	*	*	*	*	n/a	8
45-2099	Agricultural Workers, All Other			*	*	*	*	*	*	*	n/a	8
<b>45-3000</b>	<b>Fishing and Hunting Workers</b>			*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
45-3011	Fishers and Related Fishing Workers			*	*	*	*	*	*	*	n/a	8
<b>45-4000</b>	<b>Forest, Conservation, and Logging Workers</b>			<b>67</b>	<b>70</b>	<b>3</b>	<b>4.5</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
45-4021	Fallers			*	*	*	*	*	*	*	\$13.71	7
45-4022	Logging Equipment Operators			52	54	2	3.8	0	1	1	\$15.28	7
45-4023	Log Graders and Scalers			*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Construction & Extraction Occupations

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>47-0000</b>	<b>Construction and Extraction Occupations</b>			<b>3,626</b>	<b>3937</b>	<b>311</b>	<b>8.6</b>	<b>31</b>	<b>80</b>	<b>111</b>	<b>n/a</b>	<b>n/a</b>
<b>47-1000</b>	<b>Supervisors of Construction and Extraction Workers</b>			<b>409</b>	<b>434</b>	<b>25</b>	<b>6.1</b>	<b>2</b>	<b>9</b>	<b>11</b>	<b>n/a</b>	<b>n/a</b>
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers			409	434	25	6.1	2	9	11	\$35.48	7
<b>47-2000</b>	<b>Construction Trades Workers</b>			<b>1,664</b>	<b>1870</b>	<b>206</b>	<b>12.4</b>	<b>21</b>	<b>36</b>	<b>57</b>	<b>n/a</b>	<b>n/a</b>
47-2011	Boilermakers			*	*	*	*	*	*	*	n/a	7
47-2021	Brickmasons and Blockmasons			*	*	*	*	*	*	*	n/a	7
47-2031	Carpenters			248	294	46	18.5	5	5	10	\$13.97	7
47-2041	Carpet Installers			*	*	*	*	*	*	*	n/a	8
47-2044	Tile and Marble Setters			*	*	*	*	*	*	*	n/a	8
47-2051	Cement Masons and Concrete Finishers			*	*	*	*	*	*	*	n/a	8
47-2061	Construction Laborers			172	201	29	16.9	3	1	4	\$17.27	8
47-2071	Paving, Surfacing, and Tamping Equipment Operators			63	68	5	7.9	0	1	1	n/a	7
47-2073	Operating Engineers and Other Construction Equipment Operators			829	910	81	9.8	8	19	27	\$18.84	7
47-2111	Electricians			308	341	33	10.7	3	8	11	\$26.60	7
47-2141	Painters, Construction and Maintenance			*	*	*	*	*	*	*	n/a	8
47-2151	Pipelayers			*	*	*	*	*	*	*	n/a	7
47-2152	Plumbers, Pipefitters, and Steamfitters			*	*	*	*	*	*	*	\$16.60	7
47-2171	Reinforcing Iron and Rebar Workers			*	*	*	*	*	*	*	n/a	7
47-2211	Sheet Metal Workers			*	*	*	*	*	*	*	n/a	7
<b>47-3000</b>	<b>Helpers, Construction Trades</b>			<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>n/a</b>	<b>n/a</b>
47-3011	Helpers-Brickmasons, Block, Stonemasons, & Tile & Marble Setters			*	*	*	*	*	*	*	n/a	8
47-3012	Helpers--Carpenters			*	*	*	*	*	*	*	n/a	8
47-3013	Helpers--Electricians			*	*	*	*	*	*	*	n/a	7
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters			*	*	*	*	*	*	*	n/a	7
<b>47-4000</b>	<b>Other Construction and Related Workers</b>			<b>120</b>	<b>135</b>	<b>15</b>	<b>12.5</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>n/a</b>	<b>n/a</b>
47-4011	Construction and Building Inspectors			*	*	*	*	*	*	*	n/a	7
47-4031	Fence Erectors			39	48	9	23.1	1	1	2	n/a	7
47-4051	Highway Maintenance Workers			67	71	4	6.0	0	2	2	\$11.59	7
47-4061	Rail-Track Laying and Maintenance Equipment Operators			*	*	*	*	*	*	*	n/a	7
47-4799	Construction and Related Workers, All Other			*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Construction & Extraction Occs (cont'd)

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>47-5000</b>	<b>Extraction Workers</b>		<b>1,407</b>	<b>1,457</b>	<b>50</b>	<b>3.6</b>	<b>5</b>	<b>30</b>	<b>35</b>	<b>n/a</b>	<b>n/a</b>
47-5012	Rotary Drill Operators, Oil and Gas		*	*	*	*	*	*	*	n/a	8
47-5013	Service Unit Operators, Oil, Gas, and Mining		*	*	*	*	*	*	*	n/a	8
47-5021	Earth Drillers, Except Oil and Gas		78	78	0	0.0	0	2	2	n/a	7
47-5031	Explosives Workers, Ordnance Handling Experts, and Blasters		*	*	*	*	*	*	*	n/a	7
47-5041	Continuous Mining Machine Operators		150	158	8	5.3	1	3	4	n/a	7
47-5042	Mine Cutting and Channeling Machine Operators		73	78	5	6.8	0	2	2	n/a	7
47-5049	Mining Machine Operators, All Other		139	140	1	0.7	0	3	3	n/a	7
47-5061	Roof Bolters, Mining		389	414	25	6.4	2	8	10	n/a	7
47-5071	Roustabouts, Oil and Gas		33	39	6	18.2	1	1	2	n/a	8
47-5081	Helpers--Extraction Workers		262	263	1	0.4	0	6	6	\$18.34	7
47-5099	Extraction Workers, All Other		233	233	0	0.0	0	5	5	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Installation, Maintenance & Repair Occs

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	Percent	Average Annual Growth	2010-2020 Sep	Total		
<b>49-0000</b>	<b>Installation, Maintenance, and Repair Occupations</b>		<b>1,643</b>	<b>1,802</b>	<b>159</b>	<b>9.7</b>	<b>17</b>	<b>36</b>	<b>53</b>	<b>\$18.93</b>	n/a
<b>49-1000</b>	<b>Supervisors of Installation, Maintenance, and Repair Workers</b>		<b>140</b>	<b>153</b>	<b>13</b>	<b>9.3</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>n/a</b>	n/a
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers		140	153	13	9.3	1	4	5	\$27.34	7
<b>49-2000</b>	<b>Electrical &amp; Electronic Equip. Mechanics, Installers, &amp; Repairers</b>		<b>110</b>	<b>121</b>	<b>11</b>	<b>10.0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>n/a</b>	n/a
49-2011	Computer, Automated Teller, and Office Machine Repairers		*	*	*	*	*	*	*	n/a	5
49-2022	Telecomm. Equipment Installers and Repairers, Except Line Installers		70	80	10	14.3	1	1	2	\$15.49	5
49-2092	Electric Motor, Power Tool, and Related Repairers		*	*	*	*	*	*	*	n/a	5
49-2093	Electrical & Electronics Installers & Repairers, Transportation Equipment		*	*	*	*	*	*	*	n/a	5
49-2094	Electrical & Electronics Repairers, Commercial & Industrial Equipment		*	*	*	*	*	*	*	n/a	5
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, & Relay		*	*	*	*	*	*	*	n/a	5
49-2097	Electronic Home Entertainment Equipment Installers and Repairers		*	*	*	*	*	*	*	n/a	5
<b>49-3000</b>	<b>Vehicle &amp; Mobile Equipment Mechanics, Installers, &amp; Repairers</b>		<b>566</b>	<b>636</b>	<b>70</b>	<b>12.4</b>	<b>7</b>	<b>14</b>	<b>21</b>	<b>n/a</b>	n/a
49-3011	Aircraft Mechanics and Service Technicians		*	*	*	*	*	*	*	n/a	5
49-3021	Automotive Body and Related Repairers		*	*	*	*	*	*	*	n/a	7
49-3022	Automotive Glass Installers and Repairers		*	*	*	*	*	*	*	n/a	7
49-3023	Automotive Service Technicians and Mechanics		112	132	20	17.9	2	3	5	\$14.93	7
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists		127	141	14	11.0	1	3	4	\$14.70	7
49-3041	Farm Equipment Mechanics and Service Technicians		*	*	*	*	*	*	*	n/a	7
49-3042	Mobile Heavy Equipment Mechanics, Except Engines		291	316	25	8.6	2	8	10	\$22.95	7
49-3043	Rail Car Repairers		*	*	*	*	*	*	*	n/a	7
49-3051	Motorboat Mechanics and Service Technicians		*	*	*	*	*	*	*	n/a	7
49-3052	Motorcycle Mechanics		*	*	*	*	*	*	*	n/a	7
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics		*	*	*	*	*	*	*	n/a	7
49-3092	Recreational Vehicle Service Technicians		*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Installation, Maintenance & Repair Occs

Occupational		Employment		Change		Job Openings			Ave. Wage	~ Educ. Training
Code	Title	2010 Estimated	2020 Projected	2010-2020		Average Annual 2010-2020			2011	Req.
				Number	Percent	Growth	Sep	Total		
<b>49-9000</b>	<b>Other Installation, Maintenance, and Repair Occupations</b>	<b>827</b>	<b>892</b>	<b>65</b>	<b>7.9</b>	<b>7</b>	<b>16</b>	<b>23</b>	<b>n/a</b>	<b>n/a</b>
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	*	*	*	*	*	*	*	n/a	7
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	*	*	*	*	*	*	*	\$18.50	5
49-9031	Home Appliance Repairers	*	*	*	*	*	*	*	n/a	7
49-9041	Industrial Machinery Mechanics	128	158	30	23.4	3	2	5	\$26.81	7
49-9043	Maintenance Workers, Machinery	213	216	3	1.4	0	4	4	\$19.59	7
49-9044	Millwrights	*	*	*	*	*	*	*	n/a	7
49-9051	Electrical Power-Line Installers and Repairers	*	*	*	*	*	*	*	n/a	7
49-9052	Telecommunications Line Installers and Repairers	*	*	*	*	*	*	*	\$17.43	7
49-9062	Medical Equipment Repairers	*	*	*	*	*	*	*	n/a	4
49-9069	Precision Instrument and Equipment Repairers, All Other	*	*	*	*	*	*	*	n/a	4
49-9071	Maintenance and Repair Workers, General	306	336	30	9.8	3	6	9	\$14.95	7
49-9091	Coin, Vending, and Amusement Machine Servicers and Repairers	*	*	*	*	*	*	*	n/a	7
49-9097	Signal and Track Switch Repairers	*	*	*	*	*	*	*	n/a	5
49-9098	Helpers--Installation, Maintenance, and Repair Workers	*	*	*	*	*	*	*	\$12.63	7
49-9799	Installation, Maintenance, and Repair Workers, All Other	49	47	-2	-4.1	0	1	1	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Production Occupations

Code	Title	Occupational		Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
				2010 Estimated	2020 Projected	2010-2020 Number	Percent	Average Annual Growth	2010-2020 Sep	Total		
<b>51-0000</b>	<b>Production Occupations</b>			<b>800</b>	<b>893</b>	<b>93</b>	<b>11.6</b>	<b>10</b>	<b>17</b>	<b>27</b>	<b>\$17.26</b>	<b>n/a</b>
<b>51-1000</b>	<b>Supervisors of Production Workers</b>			<b>96</b>	<b>103</b>	<b>7</b>	<b>7.3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
51-1011	First-Line Supervisors of Production and Operating Workers			96	103	7	7.3	1	1	2	\$29.80	5
<b>51-2000</b>	<b>Assemblers and Fabricators</b>			<b>38</b>	<b>43</b>	<b>5</b>	<b>13.2</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers			*	*	*	*	*	*	*	n/a	7
51-2021	Coil Winders, Tapers, and Finishers			*	*	*	*	*	*	*	n/a	7
51-2022	Electrical and Electronic Equipment Assemblers			*	*	*	*	*	*	*	n/a	7
51-2023	Electromechanical Equipment Assemblers			*	*	*	*	*	*	*	n/a	7
51-2031	Engine and Other Machine Assemblers			*	*	*	*	*	*	*	n/a	7
51-2041	Structural Metal Fabricators and Fitters			*	*	*	*	*	*	*	n/a	7
51-2091	Fiberglass Laminators and Fabricators			*	*	*	*	*	*	*	n/a	7
51-2092	Team Assemblers			*	*	*	*	*	*	*	n/a	7
51-2099	Assemblers and Fabricators, All Other			*	*	*	*	*	*	*	\$11.32	7
51-3000	Food Processing Workers			61	69	8	13.1	1	2	3	n/a	7
51-3011	Bakers			*	*	*	*	*	*	*	n/a	8
51-3021	Butchers and Meat Cutters			*	*	*	*	*	*	*	n/a	8
51-3022	Meat, Poultry, and Fish Cutters and Trimmers			32	36	4	12.5	0	1	1	n/a	8
51-3023	Slaughterers and Meat Packers			*	*	*	*	*	*	*	n/a	8
51-3093	Food Cooking Machine Operators and Tenders			*	*	*	*	*	*	*	n/a	7
<b>51-4000</b>	<b>Metal Workers and Plastic Workers</b>			<b>151</b>	<b>159</b>	<b>8</b>	<b>5.3</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
51-4011	Computer-Controlled Machine Tool Operators, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4012	Comp. Numerically Controlled Machine Tool Programmers, Metal & Plastic			*	*	*	*	*	*	*	n/a	7
51-4021	Extruding and Drawing Machine SOT^, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4031	Cutting, Punching, and Press Machine SOT^, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4032	Drilling and Boring Machine Tool SOT^, Metal and Plastic			*	*	*	*	*	*	*	n/a	7
51-4033	Grinding, Lapping, Polishing, & Buffing Machine Tool SOT^ Metal & Plastic			*	*	*	*	*	*	*	n/a	7
51-4034	Lathe and Turning Machine Tool SOT^, Metal and Plastic			*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

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^SOT- Setters, Operators and Tenders

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Production Occupations (cont'd)

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
51-4035	Milling and Planing Machine SOT^, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4041	Machinists		35	34	-1	-2.9	0	1	1	\$14.86	7
51-4051	Metal-Refining Furnace Operators and Tenders		*	*	*	*	*	*	*	n/a	7
51-4072	Molding, Coremaking, and Casting Machine SOT^, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4081	Multiple Machine Tool SOT^, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4111	Tool and Die Makers		*	*	*	*	*	*	*	n/a	7
51-4121	Welders, Cutters, Solderers, and Brazers		99	107	8	8.1	1	3	4	\$17.40	7
51-4122	Welding, Soldering, and Brazing Machine SOT^		*	*	*	*	*	*	*	n/a	7
51-4191	Heat Treating Equipment SOT^, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4192	Lay-Out Workers, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4193	Plating and Coating Machine SOT^, Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-4194	Tool Grinders, Filers, and Sharpeners		*	*	*	*	*	*	*	n/a	7
51-4199	Metal Workers and Plastic Workers, All Other		*	*	*	*	*	*	*	n/a	7
<b>51-5000</b>	<b>Printing Workers</b>		*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
51-5111	Prepress Technicians and Workers		*	*	*	*	*	*	*	n/a	5
51-5112	Printing Press Operators		*	*	*	*	*	*	*	n/a	7
<b>51-6000</b>	<b>Textile, Apparel, and Furnishings Workers</b>		<b>30</b>	<b>31</b>	<b>1</b>	<b>3.3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>n/a</b>	<b>n/a</b>
51-6011	Laundry and Dry-Cleaning Workers		*	*	*	*	*	*	*	n/a	8
51-6021	Pressers, Textile, Garment, and Related Materials		*	*	*	*	*	*	*	n/a	8
51-6031	Sewing Machine Operators		*	*	*	*	*	*	*	n/a	8
51-6052	Tailors, Dressmakers, and Custom Sewers		*	*	*	*	*	*	*	n/a	8
51-6062	Textile Cutting Machine Setters, Operators, and Tenders		*	*	*	*	*	*	*	n/a	7
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders		*	*	*	*	*	*	*	n/a	7
51-6064	Textile Winding, Twisting, and Drawing Out Machine SOT^		*	*	*	*	*	*	*	n/a	7
51-6093	Upholsterers		*	*	*	*	*	*	*	n/a	7
51-6099	Textile, Apparel, and Furnishings Workers, All Other		*	*	*	*	*	*	*	n/a	7
<b>51-7000</b>	<b>Woodworkers</b>		<b>133</b>	<b>164</b>	<b>31</b>	<b>23.3</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>n/a</b>	<b>n/a</b>
51-7011	Cabinetmakers and Bench Carpenters		*	*	*	*	*	*	*	n/a	7
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood		103	127	24	23.3	2	2	4	n/a	7
51-7042	Woodworking Machine Setters, Operators, & Tenders, Except Sawing		*	*	*	*	*	*	*	n/a	7
51-7099	Woodworkers, All Other		*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed      n/a - Not Available      ~ Education/Training Required Codes- Page 42  
^SOT- Setters, Operators and Tenders

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Production Occupations (cont'd)

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>51-8000</b>	<b>Plant and System Operators</b>		*	*	*	*	*	*	*	n/a	n/a
51-8021	Stationary Engineers and Boiler Operators		*	*	*	*	*	*	*	n/a	7
51-8031	Water and Wastewater Treatment Plant and System Operators		*	*	*	*	*	*	*	n/a	7
51-8091	Chemical Plant and System Operators		*	*	*	*	*	*	*	n/a	7
<b>51-9000</b>	<b>Other Production Occupations</b>		<b>277</b>	<b>307</b>	<b>30</b>	<b>10.8</b>	<b>3</b>	<b>6</b>	<b>9</b>	<b>n/a</b>	<b>n/a</b>
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine SOT^		*	*	*	*	*	*	*	n/a	7
51-9021	Crushing, Grinding, and Polishing Machine SOT^		*	*	*	*	*	*	*	\$18.63	7
51-9022	Grinding and Polishing Workers, Hand		*	*	*	*	*	*	*	n/a	8
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders		*	*	*	*	*	*	*	n/a	7
51-9031	Cutters and Trimmers, Hand		*	*	*	*	*	*	*	n/a	8
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders		*	*	*	*	*	*	*	n/a	7
51-9041	Extruding, Forming, Pressing, and Compacting Machine SOT^		*	*	*	*	*	*	*	n/a	7
51-9051	Furnace, Kiln, Oven, Drier, & Kettle Operators & Tenders		*	*	*	*	*	*	*	n/a	7
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers		60	71	11	18.3	1	1	2	\$14.38	7
51-9071	Jewelers and Precious Stone and Metal Workers		*	*	*	*	*	*	*	n/a	7
51-9081	Dental Laboratory Technicians		*	*	*	*	*	*	*	n/a	7
51-9082	Medical Appliance Technicians		*	*	*	*	*	*	*	n/a	7
51-9083	Ophthalmic Laboratory Technicians		*	*	*	*	*	*	*	n/a	7
51-9111	Packaging and Filling Machine Operators and Tenders		*	*	*	*	*	*	*	n/a	7
51-9121	Coating, Painting, and Spraying Machine SOT^		*	*	*	*	*	*	*	n/a	7
51-9122	Painters, Transportation Equipment		*	*	*	*	*	*	*	n/a	7
51-9123	Painting, Coating, and Decorating Workers		*	*	*	*	*	*	*	n/a	7
51-9151	Photographic Process Workers and Processing Machine Operators		*	*	*	*	*	*	*	n/a	7
51-9191	Adhesive Bonding Machine Operators and Tenders		*	*	*	*	*	*	*	n/a	7
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders		45	46	1	2.2	0	1	1	n/a	8
51-9194	Etchers and Engravers		*	*	*	*	*	*	*	n/a	7
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic		*	*	*	*	*	*	*	n/a	7
51-9196	Paper Goods Machine Setters, Operators, and Tenders		*	*	*	*	*	*	*	n/a	7
51-9198	Helpers--Production Workers		*	*	*	*	*	*	*	n/a	8
51-9399	Production Workers, All Other		42	47	5	11.9	0	1	1	n/a	7

\* Employment under 30 and unreliable data suppressed      n/a - Not Available      ~ Education/Training Required Codes- Page 42

^SOT- Setters, Operators and Tenders

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Transportation & Material Moving Occs

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	2010-2020 Percent	Average Annual Growth	2010-2020 Sep	2010-2020 Total		
<b>53-0000</b>	<b>Transportation and Material Moving Occupations</b>		<b>3,231</b>	<b>3,625</b>	<b>394</b>	<b>12.2</b>	<b>40</b>	<b>78</b>	<b>118</b>	<b>\$15.74</b>	<b>n/a</b>
<b>53-1000</b>	<b>Supervisors of Transportation and Material Moving Workers</b>		<b>74</b>	<b>92</b>	<b>18</b>	<b>24.3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>n/a</b>	<b>n/a</b>
53-1021	First-Line Supervisors of Helpers, Laborers, & Material Movers, Hand		*	*	*	*	*	*	*	\$14.23	7
53-1031	First-Line Supervs. of Transp. & Material-Moving Mach. & Vehicle Ops.		*	*	*	*	*	*	*	\$21.56	7
<b>53-2000</b>	<b>Air Transportation Workers</b>		*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
53-2011	Airline Pilots, Copilots, and Flight Engineers		*	*	*	*	*	*	*	n/a	3
53-2012	Commercial Pilots		*	*	*	*	*	*	*	n/a	5
<b>53-3000</b>	<b>Motor Vehicle Operators</b>		<b>1,773</b>	<b>2,031</b>	<b>258</b>	<b>14.6</b>	<b>26</b>	<b>34</b>	<b>60</b>	<b>n/a</b>	<b>n/a</b>
53-3021	Bus Drivers, Transit and Intercity		*	*	*	*	*	*	*	n/a	7
53-3022	Bus Drivers, School or Special Client		433	446	13	3.0	1	8	9	\$15.29	7
53-3031	Driver/Sales Workers		64	72	8	12.5	1	1	2	\$13.00	7
53-3032	Heavy and Tractor-Trailer Truck Drivers		884	1,038	154	17.4	15	18	33	\$16.00	7
53-3033	Light Truck or Delivery Services Drivers		279	338	59	21.1	6	6	12	\$11.31	7
53-3041	Taxi Drivers and Chauffeurs		97	118	21	21.6	2	1	3	n/a	8
53-3099	Motor Vehicle Operators, All Other		*	*	*	*	*	*	*	n/a	7
<b>53-4000</b>	<b>Rail Transportation Workers</b>		<b>74</b>	<b>73</b>	<b>-1</b>	<b>-1.4</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>n/a</b>	<b>n/a</b>
53-4011	Locomotive Engineers		*	*	*	*	*	*	*	n/a	7
53-4012	Locomotive Firers		*	*	*	*	*	*	*	n/a	7
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers		*	*	*	*	*	*	*	n/a	7
53-4021	Railroad Brake, Signal, and Switch Operators		*	*	*	*	*	*	*	n/a	7
53-4031	Railroad Conductors and Yardmasters		*	*	*	*	*	*	*	n/a	7
53-4099	Rail Transportation Workers, All Other		*	*	*	*	*	*	*	n/a	7
<b>53-5000</b>	<b>Water Transportation Workers</b>		*	*	*	*	*	*	*	<b>n/a</b>	<b>n/a</b>
53-5011	Sailors and Marine Oilers		*	*	*	*	*	*	*	n/a	8
53-5021	Captains, Mates, and Pilots of Water Vessels		*	*	*	*	*	*	*	n/a	3
53-5022	Motorboat Operators		*	*	*	*	*	*	*	n/a	7

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

# Kentucky River Area Occupational Employment Outlook

## Transportation & Material Moving Occs (cont'd)

Code	Title	Occupational	Employment		Change		Job Openings			Ave. Wage 2011	~ Educ. Training Req.
			2010 Estimated	2020 Projected	2010-2020 Number	Percent	Average Annual Growth	2010-2020 Sep	Total		
<b>53-6000</b>	<b>Other Transportation Workers</b>		*	*	*	*	*	*	*	n/a	n/a
53-6021	Parking Lot Attendants		*	*	*	*	*	*	*	n/a	8
53-6031	Automotive and Watercraft Service Attendants		*	*	*	*	*	*	*	n/a	8
53-6051	Transportation Inspectors		*	*	*	*	*	*	*	n/a	6
53-6099	Transportation Workers, All Other		*	*	*	*	*	*	*	n/a	7
<b>53-7000</b>	<b>Material Moving Workers</b>		<b>1,265</b>	<b>1,364</b>	<b>99</b>	<b>7.8</b>	<b>11</b>	<b>38</b>	<b>49</b>	<b>n/a</b>	<b>n/a</b>
53-7011	Conveyor Operators and Tenders		*	*	*	*	*	*	*	n/a	8
53-7021	Crane and Tower Operators		*	*	*	*	*	*	*	n/a	8
53-7032	Excavating and Loading Machine and Dragline Operators		306	339	33	10.8	3	9	12	n/a	8
53-7033	Loading Machine Operators, Underground Mining		156	156	0	0.0	0	5	5	\$20.97	8
53-7041	Hoist and Winch Operators		*	*	*	*	*	*	*	n/a	8
53-7051	Industrial Truck and Tractor Operators		49	57	8	16.3	1	1	2	\$18.62	8
53-7061	Cleaners of Vehicles and Equipment		91	113	22	24.2	2	3	5	\$8.65	8
53-7062	Laborers and Freight, Stock, and Material Movers, Hand		204	235	31	15.2	3	6	9	\$11.47	8
53-7063	Machine Feeders and Offbearers		33	35	2	6.1	0	0	0	n/a	8
53-7064	Packers and Packagers, Hand		*	*	*	*	*	*	*	n/a	8
53-7072	Pump Operators, Except Wellhead Pumps		*	*	*	*	*	*	*	n/a	8
53-7073	Wellhead Pumps		*	*	*	*	*	*	*	n/a	8
53-7081	Refuse and Recyclable Material Collectors		57	62	5	8.8	0	2	2	\$10.56	8
53-7111	Mine Shuttle Car Operators		284	278	-6	-2.1	0	8	8	n/a	8
53-7121	Tank Car, Truck, and Ship Loaders		*	*	*	*	*	*	*	n/a	8
53-7199	Material Moving Workers, All Other		*	*	*	*	*	*	*	n/a	8

\* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 42

Source: Kentucky Education & Workforce Development Cabinet, Department for Workforce Investment, Office of Employment and Training, Workforce Intelligence Branch

## Educational/Training Classifications

Occupations are classified into 11 categories and listed according to these principles:

An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.

Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.

The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a postsecondary award generally is needed for entry.

### Postsecondary awards

**(1) First professional degree.** Completion of the degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

**(2) Doctoral degree.** Completion of a Ph.D. or other doctoral degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

**(3) Master's degree.** Completion of the degree usually requires one or two years of full time academic study beyond a bachelor's degree.

**(4) Bachelor's or higher degree, plus work experience.** Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

**(5) Bachelor's degree.** Completion of the degree generally requires at least four years, but not more than five years, of full-time academic study.

**(6) Associate's degree.** Completion of the degree usually requires at least two years of full-time academic study.

**(7) Postsecondary vocational awards.** Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

### Work-related training

**(8) Work experience in a related occupation.** Many occupations requiring work experience are managers of service, sales and related, production, other occupations, or are management occupations.

**(9) Long-term, on-the-job training.** More than 12 months of on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to five years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations, like insurance sales and securities sales, for example, trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability - such as that possessed by musicians, athletes, actors, and other entertainers - that must be cultivated over several years, frequently in a nonwork setting.

**(10) Moderate-term, on-the-job training.** Skills needed to be fully qualified can be acquired during one to twelve months of combined on-the-job experience and informal training.

**(11) Short-term, on-the-job training.** Skills needed to be fully qualified can be acquired during a short demonstration of job duties or during one month or less of on-the-job experience or instruction.