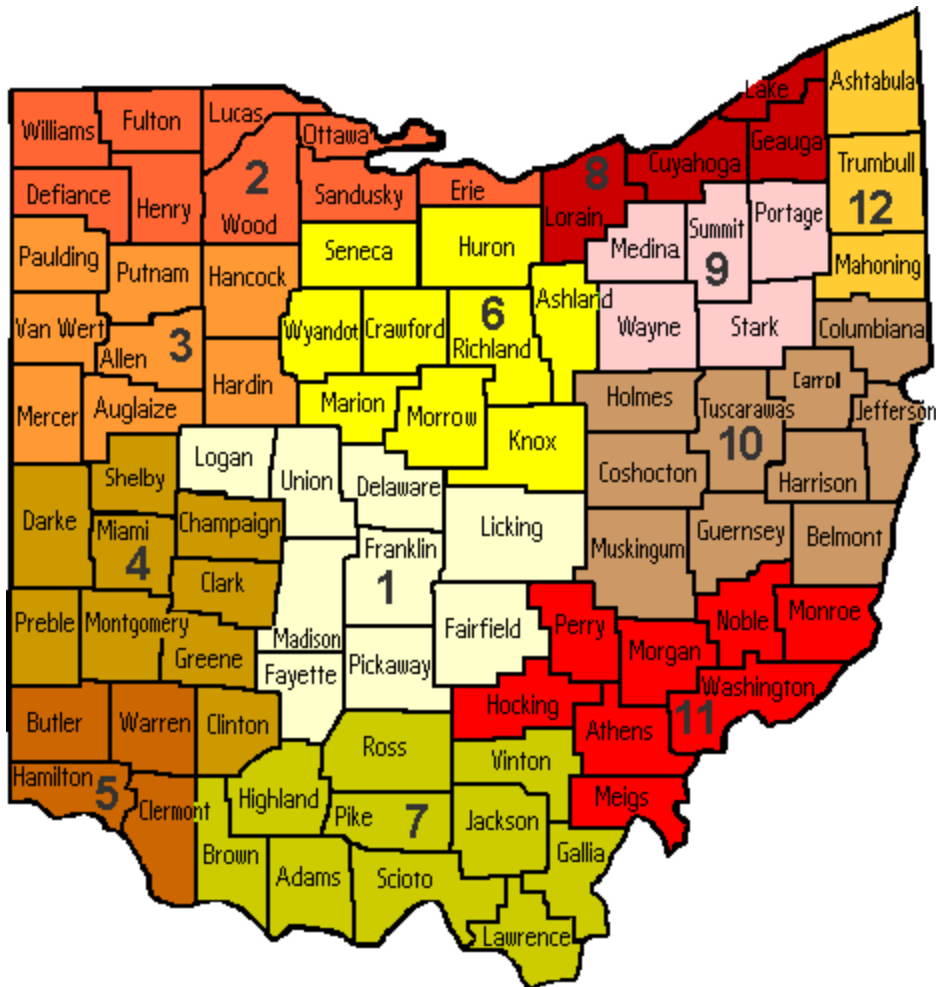


Job Outlook to 2012

Southern Ohio – Economic Development Region 7

Adams, Brown, Gallia, Highland, Jackson, Lawrence, Pike, Ross, Scioto and Vinton Counties



Bob Taft, Governor
 Barbara Riley, Director

**Southern Ohio - Economic Development Region 7
Industry Employment Projections Report, * 2002-2012**

Industry	2002 Annual Employment	2012 Projected Employment	Change in Employment 2002-2012	Percent Change 2002-2012
Total Employment	144,700	159,500	14,800	10.2%
Goods-Producing	36,400	36,400	0	0.0%
Natural Resources and Mining	9,800	8,900	-900	-9.2%
Agriculture	9,100	8,400	-700	-7.7%
Construction	5,200	6,500	1,300	25.0%
Manufacturing	21,400	21,000	-400	-1.9%
Service-Providing	100,000	114,800	14,800	14.8%
Trade, Transportation and Utilities	25,100	28,600	3,500	13.9%
Wholesale Trade	2,200	2,600	400	18.2%
Retail Trade	17,700	20,600	2,900	16.4%
Transportation and Warehousing	3,300	3,500	200	6.1%
Utilities	2,000	1,900	-100	-5.0%
Financial Activities	4,000	4,900	900	22.5%
Finance and Insurance	3,100	3,700	600	19.4%
Professional and Business Services	6,400	7,300	900	14.1%
Professional, Scientific & Technical Services	1,800	2,200	400	22.2%
Administrative and Waste Services	4,400	4,700	300	6.8%
Education and Health Services	19,400	24,100	4,700	24.2%
Health Care & Social Assistance	18,600	23,200	4,600	24.7%
Leisure and Hospitality	11,200	12,900	1,700	15.2%
Government	28,000	30,700	2,700	9.6%
Federal Government	2,300	2,400	100	4.3%
State Government	5,000	5,300	300	6.0%
Local Government	20,700	23,000	2,300	11.1%
Self-Employed, Private Household and Unpaid Family Workers	8,300	8,400	100	1.2%

*Industry sectors with 1,000 or more employees that meet publication criteria. Data are rounded to hundreds.

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, April 2005.

**Southern Ohio - Economic Development Region 7
Occupational Employment Projections by Major Occupational Group**

Occupational Title	Employment		Change in Employment		Total Annual Openings
	2002 Annual	2012 Projected	2002 - 2012	Percent	
Total, All Occupations	144,700	159,500	14,800	10.2%	4,910
Management Occupations	13,930	13,960	30	0.2%	158
Business and Financial Operations Occupations	2,820	3,370	550	19.5%	106
Computer and Mathematical Occupations	690	830	140	20.3%	23
Architecture and Engineering Occupations	1,470	1,560	90	6.1%	43
Life, Physical, and Social Science Occupations	730	770	40	5.5%	22
Community and Social Services Occupations	2,080	2,470	390	18.8%	79
Legal Occupations	470	540	70	14.9%	12
Education, Training, and Library Occupations	9,870	11,130	1,260	12.8%	344
Arts, Design, Entertainment, Sports, & Media Occ.	1,010	1,150	140	13.9%	33
Healthcare Practitioners and Technical Occupations	8,190	10,100	1,910	23.3%	347
Healthcare Support Occupations	5,830	7,430	1,600	27.4%	246
Protective Service Occupations	3,540	4,140	600	16.9%	157
Food Preparation and Serving Related Occupations	12,760	14,520	1,760	13.8%	665
Building & Grounds Cleaning & Maintenance Occup.	4,520	4,970	450	10.0%	136
Personal Care and Service Occupations	3,420	3,960	540	15.8%	133
Sales and Related Occupations	13,270	15,330	2,060	15.5%	672
Office and Administrative Support Occupations	18,790	20,060	1,270	6.8%	590
Farming, Fishing, and Forestry Occupations	930	890	-40	-4.3%	23
Construction and Extraction Occupations	6,940	7,930	990	14.3%	238
Installation, Maintenance, and Repair Occupations	6,830	7,360	530	7.8%	211
Production Occupations	14,740	14,470	-270	-1.8%	365
Transportation and Material Moving Occupations	11,880	12,600	720	6.1%	343

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2005.

**Southern Ohio - Economic Development Region 7
Fastest Growing Occupations**

Occupational Title	Employment Growth Rate 2002-2012	Total Annual Openings	Average Wage 2004
Medical Assistants	54.5%	16	\$9.56
Physical Therapist Assistants	50.0%	8	\$18.23
Home Health Aides	48.9%	82	\$8.13
Dental Assistants	48.3%	22	\$10.73
Heating, AC, & Refrigeration Mechanics/Installers	42.5%	22	\$12.91
Social and Human Service Assistants	41.7%	14	\$12.80
Medical Records & Health Info. Technicians	40.9%	12	\$9.96
Emergency Medical Technicians & Paramedics	40.0%	21	\$10.11
Pharmacists	37.9%	17	\$39.29
Personal and Home Care Aides	37.7%	29	\$7.61
Pharmacy Technicians	36.6%	20	\$10.50
Sales Managers	36.4%	6	\$41.70
Physical Therapists	36.4%	5	\$31.33
Counter and Rental Clerks	35.7%	10	\$8.32
Mental Health & Substance Abuse Social Work.	30.0%	5	\$16.15
Nonfarm Animal Caretakers	30.0%	5	\$9.36
Roofers	30.0%	21	\$12.35
Loan Officers	29.4%	8	\$23.90
Bill and Account Collectors	29.0%	15	\$12.65
Cost Estimators	28.6%	7	\$22.21
Medical and Public Health Social Workers	27.8%	8	\$15.68
Medical and Health Services Managers	27.1%	22	\$30.45
Construction Laborers	25.0%	38	\$12.86
Sales Rep., Wholesale/Mfg, Ex. Tech./Sci. Prod.	24.6%	35	\$20.57
Brickmasons and Blockmasons	23.8%	8	\$16.05
Training and Development Specialists	23.5%	7	\$17.01
Receptionists and Information Clerks	23.4%	37	\$9.74
Construction Managers	22.2%	7	\$31.66
Sheet Metal Workers	22.2%	8	NA
Comb. Food Prep. & Serv. Work, Inc. Fast Food	21.8%	254	\$7.08

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2005.

**Southern Ohio - Economic Development Region 7
Occupations with Most Annual Openings**

Occupational Title	Total Annual Openings	Average Wage 2004
Cashiers	295	\$7.24
Comb. Food Preparation & Serving Workers, inc. Fast Food	254	\$7.08
Retail Salespersons	209	\$9.19
Registered Nurses	123	\$22.72
Waiters and Waitresses	115	\$6.28
Laborers and Freight, Stock, and Material Movers, Hand	96	\$9.84
Nursing Aides, Orderlies, and Attendants	91	\$9.42
Home Health Aides	82	\$8.13
Secondary School Teachers, except Special & Vocational Ed.	77	\$41,575*
Office Clerks, General	68	\$9.85
Elementary School Teachers, Except Special Education	66	\$41,881*
Tellers	65	\$9.28
Janitors & Cleaners, except Maids & Housekeeping Cleaners	63	\$9.95
Food Preparation Workers	62	\$8.01
Stock Clerks and Order Fillers	59	\$9.92
Truck Drivers, Heavy and Tractor-Trailer	58	\$17.85
Correctional Officers and Jailers	55	NA
First-Line Supervisors/Managers of Retail Sales Workers	55	\$15.09
Maintenance and Repair Workers, General	54	\$13.47
Farmers and Ranchers	50	NA
Cooks, Fast Food	46	\$6.58
Cooks, Institution and Cafeteria	45	\$8.64
First-Line Supervisors/Mgrs of Food Prep. & Serving Workers	44	\$10.44
General and Operations Managers	43	\$34.64
Licensed Practical & Licensed Vocational Nurses	42	\$15.19
Bus Drivers, School	41	\$10.43
Construction Laborers	38	\$12.86
Police and Sheriff's Patrol Officers	38	\$15.54
Customer Service Representatives	38	\$12.92
Team Assemblers	38	\$11.36

*Average annual salary

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2005.

**Southern Ohio - Economic Development Region 7
Occupational* Employment Projections Report, 2002-2012**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2004	Education Training Level+
		2002 Annual	2012 Projected	2002 - 2012	Percent			
00-0000	Total, All Occupations	144,700	159,500	14,800	10.2%	4,910	NA	NA
11-0000	Management Occupations	13,930	13,960	30	0.2%	158	NA	NA
11-1011	Chief Executives	370	430	60	16.2%	13	\$53.26	4
11-1021	General and Operations Managers	1,250	1,440	190	15.2%	43	\$34.64	4
11-2022	Sales Managers	110	150	40	36.4%	6	\$41.70	4
11-3011	Administrative Services Managers	130	150	20	15.4%	5	\$25.15	4
11-3031	Financial Managers	240	280	40	16.7%	7	\$38.89	4
11-3051	Industrial Production Managers	140	150	10	7.1%	4	\$34.45	5
11-9011	Farm, Ranch, and Other Agricultural Managers	190	180	-10	-5.3%	3	NA	4
11-9012	Farmers and Ranchers	8,540	7,860	-680	-8.0%	50	NA	9
11-9021	Construction Managers	180	220	40	22.2%	7	\$31.66	5
11-9032	Education Admin., Elem. & Secondary School	440	490	50	11.4%	16	\$66,926++	4
11-9051	Food Service Managers	230	250	20	8.7%	6	\$16.92	8
11-9061	Funeral Directors	130	130	0	0.0%	4	\$22.09	6
11-9111	Medical and Health Services Managers	480	610	130	27.1%	22	\$30.45	4
11-9151	Social and Community Service Managers	100	120	20	20.0%	4	\$22.54	5
11-9199	Managers, All Other	670	720	50	7.5%	18	NA	8
13-0000	Business and Financial Operations Occupations	2,820	3,370	550	19.5%	106	NA	NA
13-1023	Purchasing Agents, Ex. Whole., Retail, & Farm	130	140	10	7.7%	4	\$20.96	8
13-1051	Cost Estimators	140	180	40	28.6%	7	\$22.21	8
13-1073	Training and Development Specialists	170	210	40	23.5%	7	\$17.01	5
13-1199	Business Operations Specialists, All Other	940	1,120	180	19.1%	34	NA	5
13-2011	Accountants and Auditors	610	710	100	16.4%	22	\$21.36	5
13-2072	Loan Officers	170	220	50	29.4%	8	\$23.90	5
13-2099	Financial Specialists, All Other	120	150	30	25.0%	5	NA	5
15-0000	Computer and Mathematical Occupations	690	830	140	20.3%	23	NA	NA
15-1041	Computer Support Specialists	120	140	20	16.7%	3	NA	6
15-1051	Computer Systems Analysts	140	170	30	21.4%	5	\$24.20	5
15-1099	Computer Specialists, All Other	130	140	10	7.7%	3	NA	6
17-0000	Architecture and Engineering Occupations	1,470	1,560	90	6.1%	43	NA	NA
17-2112	Industrial Engineers	140	150	10	7.1%	4	\$30.16	5
17-2141	Mechanical Engineers	100	120	20	20.0%	5	\$28.15	5
17-2199	Engineers, All Other	240	250	10	4.2%	6	NA	5
17-3023	Electrical & Electronic Engineering Technicians	110	110	0	0.0%	2	\$25.03	6
17-3099	Drafters, Engin., & Mapping Tech., All Other	260	260	0	0.0%	6	NA	6
19-0000	Life, Physical, and Social Science Occupations	730	770	40	5.5%	22	NA	NA
19-3031	Clinical, Counseling, and School Psychologists	120	140	20	16.7%	5	\$27.74	2
21-0000	Community and Social Services Occupations	2,080	2,470	390	18.8%	79	NA	NA
21-1012	Educational, Vocational, & School Counselors	240	270	30	12.5%	9	\$23.80	3
21-1021	Child, Family, and School Social Workers	150	170	20	13.3%	5	\$17.05	5
21-1022	Medical and Public Health Social Workers	180	230	50	27.8%	8	\$15.68	5
21-1023	Mental Health & Substance Abuse Social Work.	100	130	30	30.0%	5	\$16.15	3
21-1093	Social and Human Service Assistants	240	340	100	41.7%	14	\$12.80	10
21-2011	Clergy	490	530	40	8.2%	14	NA	1
21-2021	Directors, Religious Activities and Education	120	140	20	16.7%	3	NA	5
21-9099	Counselors, Social, & Religious Work., All Other	220	250	30	13.6%	7	NA	5
23-0000	Legal Occupations	470	540	70	14.9%	12	NA	NA
23-1011	Lawyers	160	190	30	18.8%	5	\$37.49	1
23-2011	Paralegals and Legal Assistants	140	160	20	14.3%	3	\$14.71	6
25-0000	Education, Training, and Library Occupations	9,870	11,130	1,260	12.8%	344	NA	NA
25-1123	English Language & Literature Teachers, Post.	100	110	10	10.0%	3	\$47,806++	3
25-1194	Vocational Education Teachers, Postsecondary	170	190	20	11.8%	6	\$15.59	8
25-2011	Preschool Teachers, Except Special Education	150	170	20	13.3%	4	NA	7
25-2012	Kindergarten Teachers, Ex. Special Education	340	390	50	14.7%	9	\$42,211++	5
25-2021	Elementary School Teachers, Ex.Special Ed.	1,870	2,120	250	13.4%	66	\$41,881++	5
25-2022	Middle School Teachers, Ex. Special & Voc. Ed.	940	1,060	120	12.8%	33	\$42,216++	5

*Occupations with 100 or more workers.

**See last page for abbreviations.

+See last page for Education and Training Levels.

++Average Annual Salary

**Southern Ohio - Economic Development Region 7
Occupational* Employment Projections Report, 2002-2012**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2004	Education Training Level+
		2002 Annual	2012 Projected	2002 - 2012	Percent			
25-2031	Secondary Sch. Teachers, Ex. Spec. & Voc. Ed.	1,860	2,110	250	13.4%	77	\$41,575++	5
25-2032	Vocational Education Teachers, Secondary Sch.	410	460	50	12.2%	16	\$42,892++	4
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch.	240	280	40	16.7%	10	\$42,482++	5
25-2042	Special Education Teachers, Middle School	220	250	30	13.6%	8	\$41,995++	5
25-2043	Special Education Teachers, Secondary School	350	390	40	11.4%	12	\$44,353++	5
25-3021	Self-Enrichment Education Teachers	160	190	30	18.8%	5	\$12.58	8
25-3999	Teachers, Prim., Secondary, & Adult, All Other	600	660	60	10.0%	13	NA	5
25-4021	Librarians	360	400	40	11.1%	13	\$18.28	3
25-9031	Instructional Coordinators	150	170	20	13.3%	4	\$23.05	3
25-9041	Teacher Assistants	890	1,010	120	13.5%	29	\$19,455++	11
27-0000	Arts, Design, Entertainment, Sports, & Media Occ.	1,010	1,150	140	13.9%	33	NA	NA
27-1023	Floral Designers	120	140	20	16.7%	4	NA	10
27-2022	Coaches and Scouts	190	210	20	10.5%	6	\$28,831++	9
27-3031	Public Relations Specialists	100	120	20	20.0%	3	\$16.46	5
29-0000	Healthcare Practitioners and Technical Occupations	8,190	10,100	1,910	23.3%	347	NA	NA
29-1020	Dentists	150	170	20	13.3%	5	NA	1
29-1051	Pharmacists	290	400	110	37.9%	17	\$39.29	1
29-1062	Family and General Practitioners	190	230	40	21.1%	7	\$65.25	1
29-1069	Physicians and Surgeons, All Other	250	310	60	24.0%	9	NA	1
29-1111	Registered Nurses	2,890	3,510	620	21.5%	123	\$22.72	6
29-1123	Physical Therapists	110	150	40	36.4%	5	\$31.33	3
29-2011	Medical and Clinical Laboratory Technologists	140	160	20	14.3%	6	\$20.74	5
29-2012	Medical and Clinical Laboratory Technicians	160	180	20	12.5%	6	\$14.43	6
29-2034	Radiologic Technologists and Technicians	230	280	50	21.7%	9	\$17.83	6
29-2041	Emergency Medical Technicians & Paramedics	400	560	160	40.0%	21	\$10.11	7
29-2052	Pharmacy Technicians	410	560	150	36.6%	20	\$10.50	10
29-2061	Licensed Practical & Licensed Vocat. Nurses	1,240	1,390	150	12.1%	42	\$15.19	7
29-2071	Medical Records & Health Info. Technicians	220	310	90	40.9%	12	\$9.96	6
29-9010	Occupational Health & Safety Specialists & Tech.	100	110	10	10.0%	3	\$23.12	5
29-9199	Health Professionals & Technicians, AO	100	140	40	40.0%	6	NA	7
31-0000	Healthcare Support Occupations	5,830	7,430	1,600	27.4%	246	NA	NA
31-1011	Home Health Aides	1,330	1,980	650	48.9%	82	\$8.13	11
31-1012	Nursing Aides, Orderlies, and Attendants	3,250	3,730	480	14.8%	91	\$9.42	11
31-2021	Physical Therapist Assistants	120	180	60	50.0%	8	\$18.23	6
31-9091	Dental Assistants	290	430	140	48.3%	22	\$10.73	10
31-9092	Medical Assistants	220	340	120	54.5%	16	\$9.56	10
31-9094	Medical Transcriptionists	150	180	30	20.0%	6	\$11.12	7
31-9099	Healthcare Support Workers, All Other	150	190	40	26.7%	7	NA	11
33-0000	Protective Service Occupations	3,540	4,140	600	16.9%	157	NA	NA
33-2011	Fire Fighters	320	380	60	18.8%	15	\$18.28	9
33-3012	Correctional Officers and Jailers	1,400	1,660	260	18.6%	55	NA	10
33-3051	Police and Sheriff's Patrol Officers	800	970	170	21.3%	38	\$15.54	9
33-9032	Security Guards	330	350	20	6.1%	9	\$10.52	11
33-9099	Protective Service Workers, All Other	240	270	30	12.5%	19	NA	11
35-0000	Food Preparation and Serving Related Occupations	12,760	14,520	1,760	13.8%	665	NA	NA
35-1012	FL Sup/Mgrs of Food Prep. & Serving Workers	1,200	1,350	150	12.5%	44	\$10.44	8
35-2011	Cooks, Fast Food	1,370	1,410	40	2.9%	46	\$6.58	11
35-2012	Cooks, Institution and Cafeteria	1,160	1,250	90	7.8%	45	\$8.64	10
35-2014	Cooks, Restaurant	230	260	30	13.0%	10	\$7.77	9
35-2015	Cooks, Short Order	730	760	30	4.1%	25	\$6.40	11
35-2021	Food Preparation Workers	1,190	1,390	200	16.8%	62	\$8.01	11
35-3011	Bartenders	210	210	0	0.0%	8	\$7.02	11
35-3021	Comb. Food Prep. & Serv. Work, Inc. Fast Food	3,900	4,750	850	21.8%	254	\$7.08	11
35-3022	Counter Attend., Café/Food Concess/Coffee Sh.	310	360	50	16.1%	25	\$6.62	11
35-3031	Waiters and Waitresses	1,730	1,990	260	15.0%	115	\$6.28	11
35-3041	Food Servers, Nonrestaurant	170	180	10	5.9%	7	\$7.79	11

*Occupations with 100 or more workers.

**See last page for abbreviations.

+See last page for Education and Training Levels.

++Average Annual Salary

**Southern Ohio - Economic Development Region 7
Occupational* Employment Projections Report, 2002-2012**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2004	Education Training Level+
		2002 Annual	2012 Projected	2002 - 2012	Percent			
35-9011	Dining Room & Cafeteria Attend. & Bar Helpers	180	200	20	11.1%	8	\$6.63	11
35-9021	Dishwashers	210	220	10	4.8%	8	\$6.77	11
35-9031	Hosts & Hostesses, Rest./Lounge/Coffee Shop	100	110	10	10.0%	4	\$6.35	11
37-0000	Building & Grounds Cleaning & Maintenance Occup.	4,520	4,970	450	10.0%	136	NA	NA
37-1011	FL Sup/Mgrs of Housekping & Janitorial Workers	190	210	20	10.5%	7	\$13.86	8
37-2011	Janitors & Cleaners, Ex. Maids/Hsekeeping Clean.	2,140	2,360	220	10.3%	63	\$9.95	11
37-2012	Maids and Housekeeping Cleaners	880	1,000	120	13.6%	31	\$7.46	11
37-3011	Landscaping and Groundskeeping Workers	1,040	1,140	100	9.6%	33	\$10.26	11
37-9099	Building & Grounds Cleaning & Maint. Work., AO	120	140	20	16.7%	5	NA	11
39-0000	Personal Care and Service Occupations	3,420	3,960	540	15.8%	133	NA	NA
39-1021	First-Line Sup/Mgrs of Personal Serv. Workers	300	300	0	0.0%	8	\$10.05	8
39-2021	Nonfarm Animal Caretakers	100	130	30	30.0%	5	\$9.36	11
39-5012	Hairdressers, Hairstylists, and Cosmetologists	610	700	90	14.8%	21	\$7.70	7
39-9011	Child Care Workers	1,070	1,120	50	4.7%	34	\$7.27	11
39-9021	Personal and Home Care Aides	530	730	200	37.7%	29	\$7.61	11
39-9032	Recreation Workers	320	370	50	15.6%	12	\$8.58	5
41-0000	Sales and Related Occupations	13,270	15,330	2,060	15.5%	672	NA	NA
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	1,810	2,040	230	12.7%	55	\$15.09	8
41-1012	First-Line Sup./Mgrs of Non-Retail Sales Workers	360	400	40	11.1%	11	\$23.78	8
41-2011	Cashiers	4,790	5,410	620	12.9%	295	\$7.24	11
41-2021	Counter and Rental Clerks	140	190	50	35.7%	10	\$8.32	11
41-2022	Parts Salespersons	240	230	-10	-4.2%	7	\$11.01	10
41-2031	Retail Salespersons	3,590	4,370	780	21.7%	209	\$9.19	11
41-3021	Insurance Sales Agents	180	200	20	11.1%	6	\$21.46	5
41-4011	Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	100	120	20	20.0%	5	\$27.40	10
41-4012	Sales Rep., Wholesale/Mfg, Ex. Tech./Sci. Prod.	690	860	170	24.6%	35	\$20.57	10
41-9041	Telemarketers	500	490	-10	-2.0%	8	\$10.07	11
41-9091	Door-To-Door Sales, News/St. Vendors, & Rel.	220	200	-20	-9.1%	5	NA	11
41-9099	Sales and Related Workers, All Other	370	480	110	29.7%	18	NA	10
43-0000	Office and Administrative Support Occupations	18,790	20,060	1,270	6.8%	590	NA	NA
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	940	1,020	80	8.5%	28	\$17.94	8
43-2011	Switchboard Operators, Inc. Answering Service	170	160	-10	-5.9%	4	\$10.57	11
43-3011	Bill and Account Collectors	310	400	90	29.0%	15	\$12.65	11
43-3021	Billing & Posting Clerks & Machine Operators	600	640	40	6.7%	14	\$12.14	10
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,570	1,650	80	5.1%	37	\$12.18	10
43-3051	Payroll and Timekeeping Clerks	190	210	20	10.5%	7	\$11.82	10
43-3071	Tellers	950	1,130	180	18.9%	65	\$9.28	11
43-4031	Court, Municipal, and License Clerks	110	120	10	9.1%	4	\$12.89	11
43-4051	Customer Service Representatives	1,160	1,370	210	18.1%	38	\$12.92	10
43-4061	Eligibility Interviewers, Government Programs	370	310	-60	-16.2%	10	\$16.00	10
43-4071	File Clerks	130	140	10	7.7%	5	\$11.14	11
43-4081	Hotel, Motel, and Resort Desk Clerks	190	220	30	15.8%	12	\$7.69	11
43-4121	Library Assistants, Clerical	500	580	80	16.0%	28	\$8.68	11
43-4131	Loan Interviewers and Clerks	140	140	0	0.0%	2	\$12.16	11
43-4151	Order Clerks	170	160	-10	-5.9%	4	\$9.83	11
43-4161	Human Resources Assis., Ex. Payroll & Timekp	110	120	10	9.1%	3	\$14.44	11
43-4171	Receptionists and Information Clerks	770	950	180	23.4%	37	\$9.74	11
43-4999	Financial, Info., & Record Clerks, All Other	260	270	10	3.8%	5	NA	11
43-5031	Police, Fire, and Ambulance Dispatchers	120	130	10	8.3%	4	NA	10
43-5032	Dispatchers, Except Police, Fire, & Ambulance	250	260	10	4.0%	6	\$12.85	10
43-5052	Postal Service Mail Carriers	550	510	-40	-7.3%	17	\$19.87	11
43-5053	Postal Service Mail Sorters/Proc/Proc Mach. Op.	160	140	-20	-12.5%	4	\$17.13	11
43-5061	Production, Planning, and Expediting Clerks	300	300	0	0.0%	7	\$18.22	11
43-5071	Shipping, Receiving, and Traffic Clerks	430	440	10	2.3%	10	\$11.52	11
43-5081	Stock Clerks and Order Fillers	1,600	1,570	-30	-1.9%	59	\$9.92	11
43-6011	Executive Secretaries & Admin. Assistants	790	860	70	8.9%	22	\$15.26	10

*Occupations with 100 or more workers.

**See last page for abbreviations.

+See last page for Education and Training Levels.

++Average Annual Salary

**Southern Ohio - Economic Development Region 7
Occupational* Employment Projections Report, 2002-2012**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2004	Education Training Level+
		2002 Annual	2012 Projected	2002 - 2012	Percent			
43-6013	Medical Secretaries	310	370	60	19.4%	12	\$11.68	7
43-6014	Secretaries, Ex. Legal, Medical, & Executive	1,840	1,830	-10	-0.5%	35	\$11.22	10
43-9011	Computer Operators	110	110	0	0.0%	2	\$13.01	10
43-9021	Data Entry Keyers	290	280	-10	-3.4%	7	\$11.40	10
43-9061	Office Clerks, General	2,310	2,480	170	7.4%	68	\$9.85	11
43-9999	Secret./Admin. Assis/Other Off. Sup. Work., AO	130	130	0	0.0%	3	NA	11
45-0000	Farming, Fishing, and Forestry Occupations	930	890	-40	-4.3%	23	NA	NA
45-4011	Forest and Conservation Workers	140	130	-10	-7.1%	3	\$7.99	10
45-4022	Logging Equipment Operators	190	180	-10	-5.3%	4	\$11.50	10
47-0000	Construction and Extraction Occupations	6,940	7,930	990	14.3%	238	NA	NA
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	470	540	70	14.9%	15	\$20.76	8
47-2021	Brickmasons and Blockmasons	210	260	50	23.8%	8	\$16.05	9
47-2031	Carpenters	540	620	80	14.8%	17	\$16.63	9
47-2061	Construction Laborers	1,000	1,250	250	25.0%	38	\$12.86	10
47-2073	Operating Engineers & Other Con. Equip. Op.	560	590	30	5.4%	17	\$19.58	10
47-2111	Electricians	600	680	80	13.3%	20	\$26.56	9
47-2141	Painters, Construction and Maintenance	500	600	100	20.0%	18	NA	10
47-2152	Plumbers, Pipefitters, and Steamfitters	660	700	40	6.1%	19	\$19.37	9
47-2181	Roofers	400	520	120	30.0%	21	\$12.35	10
47-2211	Sheet Metal Workers	180	220	40	22.2%	8	NA	10
47-2221	Structural Iron and Steel Workers	140	150	10	7.1%	4	\$20.86	9
47-3019	Helpers, Construction Trades, All Other	120	120	0	0.0%	5	NA	11
47-4011	Construction and Building Inspectors	130	140	10	7.7%	4	\$25.18	8
47-4051	Highway Maintenance Workers	340	350	10	2.9%	6	NA	10
49-0000	Installation, Maintenance, and Repair Occupations	6,830	7,360	530	7.8%	211	NA	NA
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	560	580	20	3.6%	16	\$21.54	8
49-3021	Automotive Body and Related Repairers	170	180	10	5.9%	4	\$13.70	9
49-3023	Automotive Service Technicians and Mechanics	810	860	50	6.2%	26	\$13.44	7
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	260	280	20	7.7%	9	\$14.44	7
49-3042	Mobile Heavy Equip. Mechanics, Ex. Engines	140	140	0	0.0%	3	\$16.14	7
49-9021	Heating, AC, & Refrigeration Mechanics/Installers	400	570	170	42.5%	22	\$12.91	9
49-9041	Industrial Machinery Mechanics	310	330	20	6.5%	8	\$16.87	9
49-9042	Maintenance and Repair Workers, General	1,700	1,910	210	12.4%	54	\$13.47	10
49-9043	Maintenance Workers, Machinery	150	160	10	6.7%	4	\$17.22	11
49-9051	Electrical Power-Line Installers and Repairers	270	250	-20	-7.4%	9	\$25.06	9
49-9052	Telecommunications Line Installers & Repairers	250	270	20	8.0%	9	\$18.29	9
49-9069	Precision Instrument/Equipment Repairers, AO	230	200	-30	-13.0%	7	NA	9
49-9091	Coin/Vending/Amusement Machine Serv/Repair	100	120	20	20.0%	4	\$12.38	10
49-9098	Helpers--Installation/Maintenance/Repair Workers	170	200	30	17.6%	9	\$10.42	11
49-9099	Installation/Maintenance/Repair Workers, AO	150	170	20	13.3%	5	NA	10
51-0000	Production Occupations	14,740	14,470	-270	-1.8%	365	NA	NA
51-1011	FL Sup/Mgrs of Production/Operating Workers	840	890	50	6.0%	23	\$23.03	8
51-2092	Team Assemblers	1,480	1,390	-90	-6.1%	38	\$11.36	10
51-2099	Assemblers and Fabricators, All Other	760	620	-140	-18.4%	20	NA	10
51-3011	Bakers	170	190	20	11.8%	6	\$9.34	9
51-3021	Butchers and Meat Cutters	160	160	0	0.0%	4	\$11.83	9
51-4011	Computer-Controlled Machine Tool Oper., M/P	240	260	20	8.3%	6	NA	10
51-4031	Cutting/Punching/Press Machine S/O/T, M/P	260	260	0	0.0%	6	\$11.16	10
51-4033	Grind/Lapping/Polish/Buff Mach. Tool S/O/T, M/P	160	160	0	0.0%	3	\$16.79	10
51-4034	Lathe & Turning Machine Tool Setters, O/T, M/P	120	120	0	0.0%	2	\$16.44	10
51-4041	Machinists	550	560	10	1.8%	14	\$17.66	9
51-4072	Molding/Coremaking/Casting Mach. S/O/T, M/P	270	260	-10	-3.7%	7	\$16.55	10
51-4081	Multiple Machine Tool Setters, O/T, M/P	120	130	10	8.3%	4	\$20.83	10
51-4121	Welders, Cutters, Solderers, and Brazers	460	490	30	6.5%	16	\$16.60	9
51-6011	Laundry and Dry-Cleaning Workers	340	360	20	5.9%	11	\$7.53	10
51-6031	Sewing Machine Operators	170	180	10	5.9%	3	\$12.41	10

*Occupations with 100 or more workers.

**See last page for abbreviations.

+See last page for Education and Training Levels.

++Average Annual Salary

**Southern Ohio - Economic Development Region 7
Occupational* Employment Projections Report, 2002-2012**

Code	Occupational Title**	Employment		Change in Employment		Total Annual Openings	Average Wage 2004	Education Training Level+
		2002 Annual	2012 Projected	2002 - 2012	Percent			
51-7041	Sawing Mach. Setters/Operators/Tenders, Wood	180	180	0	0.0%	5	\$12.44	10
51-7042	Woodworking Machine Setters, O/T, Ex. Sawing	520	470	-50	-9.6%	14	\$12.68	10
51-7099	Woodworkers, All Other	130	150	20	15.4%	6	NA	10
51-8021	Stationary Engineers and Boiler Operators	110	100	-10	-9.1%	2	\$20.21	9
51-8031	Water/Liquid Waste Treatment Plant/System Op.	230	240	10	4.3%	9	\$16.14	9
51-9011	Chemical Equipment Operators and Tenders	660	570	-90	-13.6%	21	\$15.31	10
51-9012	Sep./Filter/Clarify/Precipitating/Still Mach. S/O/T	240	220	-20	-8.3%	8	\$14.87	10
51-9022	Grinding and Polishing Workers, Hand	100	100	0	0.0%	3	\$9.74	10
51-9023	Mixing/Blending Mach. Setter/Operator/Tenders	190	180	-10	-5.3%	5	\$13.93	10
51-9032	Cutting/Slicing Mach. Setters/Operators/Tenders	490	550	60	12.2%	16	\$13.17	10
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	530	540	10	1.9%	13	\$15.22	10
51-9111	Packaging & Filling Machine Operators/Tenders	260	300	40	15.4%	9	\$11.73	11
51-9121	Coating/Painting/Spraying Machine Setters, O/T	250	240	-10	-4.0%	6	\$11.95	10
51-9195	Molders/Shapers/Casters, Ex. Metal & Plastic	100	100	0	0.0%	2	\$9.80	10
51-9198	Helpers--Production Workers	460	440	-20	-4.3%	13	\$10.05	11
51-9199	Production Workers, All Other	470	450	-20	-4.3%	11	NA	10
53-0000	Transportation and Material Moving Occupations	11,880	12,600	720	6.1%	343	NA	NA
53-1031	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	150	150	0	0.0%	4	\$20.57	8
53-3022	Bus Drivers, School	1,200	1,350	150	12.5%	41	\$10.43	11
53-3031	Driver/Sales Workers	790	820	30	3.8%	16	\$10.44	11
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,070	2,310	240	11.6%	58	\$17.85	10
53-3033	Truck Drivers, Light or Delivery Services	850	1,030	180	21.2%	26	\$12.07	11
53-3099	Motor Vehicle Operators, All Other	160	170	10	6.3%	3	NA	11
53-4011	Locomotive Engineers	150	130	-20	-13.3%	4	NA	8
53-6031	Service Station Attendants	150	150	0	0.0%	7	\$7.30	11
53-7032	Excavating & Loading Machine & Dragline Oper.	120	110	-10	-8.3%	3	NA	10
53-7051	Industrial Truck and Tractor Operators	500	530	30	6.0%	12	\$12.76	11
53-7061	Cleaners of Vehicles and Equipment	440	470	30	6.8%	18	\$9.63	11
53-7062	Laborers/Freight/Stock/Material Movers, Hand	2,790	2,840	50	1.8%	96	\$9.84	11
53-7063	Machine Feeders and Offbearers	330	310	-20	-6.1%	9	NA	11
53-7064	Packers and Packagers, Hand	1,160	1,240	80	6.9%	30	\$9.42	11
53-7081	Refuse and Recyclable Material Collectors	230	180	-50	-21.7%	6	\$14.39	11

+ Education/Training Levels

- 1 First Professional Degree
- 2 Doctor's Degree
- 3 Master's Degree
- 4 Work Experience plus Degree
- 5 Bachelor's Degree
- 6 Associate Degree
- 7 Postsecondary Vocational Training
- 8 Work Experience in a Related Occupation
- 9 Long-Term On-The-Job Training
- 10 Moderate-Term On-The-Job Training
- 11 Short-Term On-The-Job Training
- NA Not Available/Applicable

****Abbreviations**

- AO = All Other
- FL Sup/Mgrs = First-Line Supervisors/Managers
- M/P = Metal and Plastic
- O/T = Operators and Tenders
- S/O/T = Setters, Operators and Tenders
- PS = Postsecondary

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2005.

*Occupations with 100 or more workers.

**See last page for abbreviations.

+See last page for Education and Training Levels.

++Average Annual Salary

Southern Ohio - Economic Development Region 7
Occupations with High Employment Prospects By Education/Training Level
(Occupations paying \$12.00 or more an hour and having at least 10 annual openings)

Code	Occupational Title*	Employment		Change in Employment		Total Annual Openings	Average Wage 2004
		2002 Annual	2012 Projected	2002-2012	Percent Change		
Occupations Requiring Short-Term On-the-Job Training (up to one month)							
43-3011	Bill and Account Collectors	310	400	90	29.0%	15	\$12.65
43-5052	Postal Service Mail Carriers	550	510	-40	-7.3%	17	\$19.87
53-3033	Truck Drivers, Light or Delivery Services	850	1,030	180	21.2%	26	\$12.07
53-7051	Industrial Truck and Tractor Operators	500	530	30	6.0%	12	\$12.76
Occupations Requiring Moderate-Term On-the-Job Training (one to twelve months combined experience/training)							
21-1093	Social and Human Service Assistants	240	340	100	41.7%	14	\$12.80
41-4012	Sales Rep., Wholesale/Mfg, Ex. Tech./Sci. Prod.	690	860	170	24.6%	35	\$20.57
43-3021	Billing & Posting Clerks & Machine Operators	600	640	40	6.7%	14	\$12.14
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,570	1,650	80	5.1%	37	\$12.18
43-4051	Customer Service Representatives	1,160	1,370	210	18.1%	38	\$12.92
43-4061	Eligibility Interviewers, Government Programs	370	310	-60	-16.2%	10	\$16.00
43-6011	Executive Secretaries & Admin. Assistants	790	860	70	8.9%	22	\$15.26
47-2061	Construction Laborers	1,000	1,250	250	25.0%	38	\$12.86
47-2073	Operating Engineers & Other Con. Equip. Op.	560	590	30	5.4%	17	\$19.58
47-2181	Roofers	400	520	120	30.0%	21	\$12.35
49-9042	Maintenance and Repair Workers, General	1,700	1,910	210	12.4%	54	\$13.47
51-7042	Woodworking Machine Setters, O/T, Ex. Sawing	520	470	-50	-9.6%	14	\$12.68
51-9011	Chemical Equipment Operators and Tenders	660	570	-90	-13.6%	21	\$15.31
51-9032	Cutting/Slicing Mach. Setters/Operators/Tenders	490	550	60	12.2%	16	\$13.17
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	530	540	10	1.9%	13	\$15.22
53-3032	Truck Drivers, Heavy and Tractor-Trailer	2,070	2,310	240	11.6%	58	\$17.85
Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training)							
33-2011	Fire Fighters	320	380	60	18.8%	15	\$18.28
33-3051	Police and Sheriff's Patrol Officers	800	970	170	21.3%	38	\$15.54
47-2031	Carpenters	540	620	80	14.8%	17	\$16.63
47-2111	Electricians	600	680	80	13.3%	20	\$26.56
47-2152	Plumbers, Pipefitters, and Steamfitters	660	700	40	6.1%	19	\$19.37
49-9021	Heating, AC, & Refrigeration Mechanics/Installers	400	570	170	42.5%	22	\$12.91
51-4041	Machinists	550	560	10	1.8%	14	\$17.66
51-4121	Welders, Cutters, Solderers, and Brazers	460	490	30	6.5%	16	\$16.60
Occupations Requiring Work Experience in a Related Occupation							
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	1,810	2,040	230	12.7%	55	\$15.09
41-1012	First-Line Sup./Mgrs of Non-Retail Sales Workers	360	400	40	11.1%	11	\$23.78
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	940	1,020	80	8.5%	28	\$17.94
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	470	540	70	14.9%	15	\$20.76
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	560	580	20	3.6%	16	\$21.54
51-1011	FL Sup/Mgrs of Production/Operating Workers	840	890	50	6.0%	23	\$23.03
Occupations Requiring Postsecondary Vocational Training							
29-2061	Licensed Practical & Licensed Vocat. Nurses	1,240	1,390	150	12.1%	42	\$15.19
49-3023	Automotive Service Technicians and Mechanics	810	860	50	6.2%	26	\$13.44
Occupations Requiring an Associate Degree							
29-1111	Registered Nurses**	2,890	3,510	620	21.5%	123	\$22.72

Southern Ohio - Economic Development Region 7
Occupations with High Employment Prospects By Education/Training Level
(Occupations paying \$12.00 or more an hour and having at least 10 annual openings)

Code	Occupational Title*	Employment		Change in Employment		Total Annual Openings	Average Wage 2004
		2002 Annual	2012 Projected	2002-2012	Percent Change		
Occupations Requiring a Bachelor's Degree							
13-2011	Accountants and Auditors	610	710	100	16.4%	22	\$21.36
25-2021	Elementary School Teachers, Ex.Special Ed.	1,870	2,120	250	13.4%	66	\$41,881++
25-2022	Middle School Teachers, Ex. Special & Voc. Ed.	940	1,060	120	12.8%	33	\$42,216++
25-2031	Secondary Sch. Teachers, Ex. Spec. & Voc. Ed.	1,860	2,110	250	13.4%	77	\$41,575++
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch.	240	280	40	16.7%	10	\$42,482++
25-2043	Special Education Teachers, Secondary School	350	390	40	11.4%	12	\$44,353++
Occupations Requiring Work Experience plus a Bachelor's Degree							
11-9032	Education Admin., Elem. & Secondary School	440	490	50	11.4%	16	\$66,926++
11-9111	Medical and Health Services Managers	480	610	130	27.1%	22	\$30.45
11-1011	Chief Executives	370	430	60	16.2%	13	\$53.26
11-1021	General and Operations Managers	1,250	1,440	190	15.2%	43	\$34.64
25-2032	Vocational Education Teachers, Secondary Sch.	410	460	50	12.2%	16	\$42,892++
Occupations Requiring a Master's Degree							
25-4021	Librarians	360	400	40	11.1%	13	\$18.28
Occupations Requiring a First Professional Degree							
29-1051	Pharmacists	290	400	110	37.9%	17	\$39.29

***Abbreviations**

FL Sup/Mgrs = First-Line Supervisors/Managers

M/P = Metal and Plastic

O/T = Operators and Tenders

S/O/T = Setters, Operators and Tenders

PS = Postsecondary

****Training is met through a two-year associate degree; a three-year diploma; or a four-year bachelor's program.**

+Average Annual Salary

Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, July 2005.

Ohio Department of Job and Family Services
Bureau of Labor Market Information
P.O. Box 1618
Columbus, Ohio 43216

**Bureau of Labor Market Information
Business Principles for Workforce Development**

- Partner with the workforce and economic development community.
- Develop and deploy new information solution tools and systems for the workforce and economic development community.
- Provide products and services that are customer and demand driven.
- Be known as an important and reliable source for information solutions that support workforce development goals and outcomes.

William F. Demidovich, Jr., Deputy Director
Office of Workforce Development

Keith Ewald, Ph.D., Chief
Bureau of Labor Market Information

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