

# Ohio County Profiles



Department of  
Development

Prepared by the Office of Strategic Research

## Region 11

**2006 Population:** 254,697

**Land Area:** 3,676.6 square miles

### Regional Economic Development Office Location:

308 Front St.

Marietta, OH 45750

Phone: (740) 373-5150 Fax: (740) 373-2984



### Taxes

Taxable value of real property	\$3,138,524,340
Residential	\$2,035,399,270
Agriculture	\$538,561,150
Industrial	\$113,847,590
Commercial	\$430,564,030
Mineral	\$20,152,300
Ohio income tax liability	\$101,753,211
Average per return	\$997.15

### Land Use/Land Cover

	Percent
Urban (Residential/Commercial/Industrial/ Transportation and Urban Grasses)	1.52%
Cropland	7.87%
Pasture	8.61%
Forest	81.32%
Open Water	0.52%
Wetlands (Wooded/Herbaceous)	0.00%
Bare/Mines	0.18%

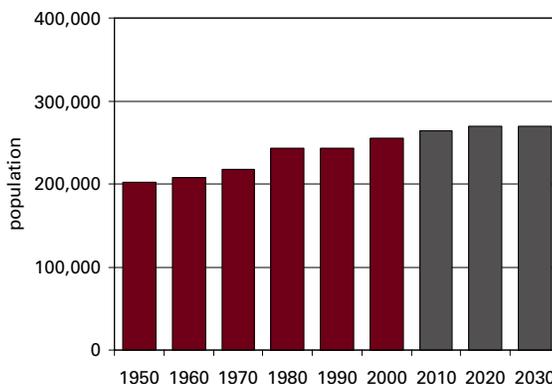
### Largest Areas

	Census 2000	Est. 2006
Athens, Athens Co.	21,342	20,896
Marietta, Washington Co.	14,515	14,189
Logan, Hocking Co.	6,704	7,368
Athens twp UB, Athens Co.	6,680	6,602
Belpre, Washington Co.	6,660	6,534
Nelsonville, Athens Co.	5,230	5,423
Falls twp UB, Hocking Co.	5,010	4,981
New Lexington, Perry Co.	4,689	4,617
Marietta twp, Washington Co.	4,673	4,592
Muskingum twp, Wash. Co.	4,627	4,362

UB: Unincorporated Balance

## Total Population

Census		Estimated	
1800	5,427	2001	255,000
1810	8,782	2002	255,533
1820	41,744	2003	256,349
1830	66,222	2004	255,865
1840	119,842	2005	255,123
1850	157,556	2006	254,697
1860	189,512		
1870	198,311	Projected	
1880	221,032	2010	263,870
1890	226,267	2020	269,210
		2030	270,110



## Population by Race

	Number	Percent
Total Population	255,000	100.0%
White	245,138	96.1%
African-American	3,799	1.5%
Native American	815	0.3%
Asian	1,624	0.6%
Pacific Islander	19	0.0%
Other	550	0.2%
Two or More Races	3,055	1.2%
Hispanic (may be of any race)	1,537	0.6%
<b>Total Minority</b>	<b>10,857</b>	<b>4.3%</b>

## Educational Attainment

	Number	Percent
Persons 25 years and over	159,969	100.0%
No high school diploma	31,021	19.4%
High school graduate	70,865	44.3%
Some college, no degree	26,451	16.5%
Associate degree	10,066	6.3%
Bachelor's degree	12,550	7.8%
Master's degree or higher	9,016	5.6%

## Family Type by Employment Status

	Number	Percent
Total Families	66,244	100.0%
Married couple, husband and wife in labor force	25,442	38.4%
Married couple, husband in labor force, wife not	12,761	19.3%
Married couple, wife in labor force, husband not	4,339	6.6%
Married couple, husband and wife not in labor force	11,647	17.6%
Male householder, in labor force	2,515	3.8%
Male householder, not in labor force	1,141	1.7%
Female householder, in labor force	5,332	8.0%
Female householder, not in labor force	3,067	4.6%

## Household Income in 1999

	Number	Percent
Total Households	96,668	100.0%
Less than \$10,000	13,741	14.2%
\$10,000 to \$19,999	16,540	17.1%
\$20,000 to \$29,999	15,847	16.4%
\$30,000 to \$39,999	13,201	13.7%
\$40,000 to \$49,999	10,663	11.0%
\$50,000 to \$59,999	8,216	8.5%
\$60,000 to \$74,999	8,195	8.5%
\$75,000 to \$99,999	5,941	6.1%
\$100,000 to \$149,999	2,964	3.1%
\$150,000 to \$199,999	551	0.6%
\$200,000 or more	809	0.8%
<b>Median household income</b>	<b>\$31,555</b>	

## Population by Age

	Number	Percent
Total Population	255,000	100.0%
Under 6 years	17,936	7.0%
6 to 17 years	41,157	16.1%
18 to 24 years	35,938	14.1%
25 to 44 years	68,733	27.0%
45 to 64 years	58,257	22.8%
65 years and more	32,979	12.9%
<b>Median Age</b>	<b>35.4</b>	

## Family Type by Presence of Own Children Under 18

	Number	Percent
Total Families	66,244	100.0%
Married-couple families with own children	22,581	34.1%
Male householder, no wife present, with own children	2,142	3.2%
Female householder, no husband present, with own children	5,197	7.8%
Families with no own children	36,324	54.8%

## Poverty Status in 1999 of Families By Family Type by Presence Of Related Children

	Number	Percent
Total Families	66,244	100.0%
Family income above poverty level	58,882	88.9%
Family income below poverty level	7,362	11.1%
Married couple, with related children	2,095	28.5%
Male householder, no wife present, with related children	563	7.6%
Female householder, no husband present, with related children	2,644	35.9%
Families with no related children	2,060	28.0%

## Ratio of Income in 1999 To Poverty Level

	Number	Percent
Population for whom poverty status is determined	240,621	100.0%
Below 50% of poverty level	17,030	7.1%
50% to 99% of poverty level	23,009	9.6%
100% to 149% of poverty level	25,501	10.6%
150% to 199% of poverty level	27,379	11.4%
200% of poverty level or more	147,702	61.4%

## Residence in 1995

	Number	Percent
Population 5 years and over	240,153	100.0%
Same house in 1995	142,202	59.2%
Different house, same county	47,653	19.8%
Different county, same state	34,630	14.4%
Different state	13,860	5.8%
Puerto Rico or U.S. islands	51	0.0%
Foreign country	1,757	0.7%

## Travel Time To Work

	Number	Percent
Workers 16 years and over	105,377	100.0%
Less than 15 minutes	34,250	32.5%
15 to 29 minutes	32,012	30.4%
30 to 44 minutes	17,045	16.2%
45 to 59 minutes	7,026	6.7%
60 minutes or more	11,388	10.8%
Worked at home	3,656	3.5%

**Mean travel time** 27.5 minutes

## Housing Units

	Number	Percent
Total housing units	109,702	100.0%
Occupied housing units	96,672	88.1%
Owner occupied	71,311	65.0%
Renter occupied	25,361	23.1%
Vacant housing units	13,030	11.9%

## Year Structure Built

	Number	Percent
Total housing units	109,702	100.0%
Built 1995 to March 2000	10,586	9.6%
Built 1990 to 1994	7,648	7.0%
Built 1980 to 1989	14,409	13.1%
Built 1970 to 1979	19,547	17.8%
Built 1960 to 1969	11,867	10.8%
Built 1950 to 1959	9,784	8.9%
Built 1940 to 1949	6,354	5.8%
Built 1939 or earlier	29,507	26.9%

**Median year built** 1962

## Value for Specified Owner-Occupied Housing Units

	Number	Percent
Specified owner-occupied housing units	44,105	100.0%
Less than \$20,000	1,705	3.9%
\$20,000 to \$39,999	4,898	11.1%
\$40,000 to \$59,999	8,074	18.3%
\$60,000 to \$79,999	9,385	21.3%
\$80,000 to \$99,999	8,264	18.7%
\$100,000 to \$124,999	4,701	10.7%
\$125,000 to \$149,999	3,235	7.3%
\$150,000 to \$199,999	2,360	5.4%
\$200,000 to \$249,999	745	1.7%
\$250,000 to \$499,999	648	1.5%
\$500,000 to \$999,999	45	0.1%
\$1,000,000 or more	45	0.1%

**Median value** \$75,714

## House Heating Fuel

	Number	Percent
Occupied housing units	96,672	100.0%
Utility gas	51,286	53.1%
Bottled, tank or LP gas	13,229	13.7%
Electricity	21,897	22.7%
Fuel oil, kerosene, etc	4,090	4.2%
Coal, coke or wood	4,498	4.7%
Solar energy or other fuel	1,558	1.6%
No fuel used	114	0.1%

## Gross Rent

	Number	Percent
Specified renter-occupied housing units	23,829	100.0%
Less than \$100	500	2.1%
\$100 to \$199	1,711	7.2%
\$200 to \$299	2,813	11.8%
\$300 to \$399	4,833	20.3%
\$400 to \$499	4,983	20.9%
\$500 to \$599	3,085	12.9%
\$600 to \$699	1,534	6.4%
\$700 to \$799	717	3.0%
\$800 to \$899	406	1.7%
\$900 to \$999	185	0.8%
\$1,000 to \$1,499	409	1.7%
\$1,500 or more	62	0.3%
No cash rent	2,591	10.9%

**Median gross rent** \$414

Median gross rent as a percentage of household income in 1999

## Selected Monthly Owner Costs for Specified Owner-Occupied Housing Units

	Number	Percent
Specified owner-occupied housing units with a mortgage	25,525	100.0%
Less than \$400	1,839	7.2%
\$400 to \$599	6,087	23.8%
\$600 to \$799	7,235	28.3%
\$800 to \$999	4,765	18.7%
\$1,000 to \$1,249	3,147	12.3%
\$1,250 to \$1,499	1,190	4.7%
\$1,500 to \$1,999	790	3.1%
\$2,000 to \$2,999	331	1.3%
\$3,000 or more	141	0.6%

**Median monthly owners cost** \$729

Median monthly owners cost as a percentage of household income

## Vital Statistics

	Number	Rate
Births / rate per 1,000 women aged 15-44	2,842	51.0
Teen births / rate per 1,000 females 15-17	77	15.7
Deaths / rate per 100,000 population	2,559	1,001.3
Marriages / rate per 1,000 population	1,812	7.1
Divorces / rate per 1,000 population	1,016	4.0

## Migration

## Agriculture

Land in farms (acres)	780,000
Number of farms	4,920
Average size (acres)	159
Total cash receipts	\$110,028,000
Per farm	\$22,318

## Education

Public schools	104
Students (Average Daily Membership)	39,106
Expenditures per student	\$8,698
Student-teacher ratio	
Graduation rate	
Teachers (Full Time Equivalent)	2,538.6
Non-public schools	8
Students	771
4-year public universities	1
Branches	1
2-year public colleges	2
Private universities and colleges	1
Public libraries (Main / Branches)	9 / 22

## Transportation

Registered motor vehicles	298,137
Passenger cars	169,253
Noncommercial trucks	68,848
Total license revenue	\$7,837,042.92
Interstate highway miles	36.51
Turnpike miles	0.00
U.S. highway miles	135.46
State highway miles	1,478.23
Commercial airports	6

## Voting

Number of precincts	310
Number of registered voters	166,033
Voted in 2006 election	93,100
Percent turnout	56.1%

## Health Care

Physicians (MDs & DOs)	278
Registered hospitals	4
Number of beds	338
Licensed nursing homes	19
Number of beds	1,912
Licensed residential care	7
Number of beds	420
Adults with employer-based insurance	54.0%
Children with employer-based insurance	55.2%

## State Parks, Forests, Nature Preserves, And Wildlife Areas

Facilities	62
Acreage	50,229.39

## Communications

Television stations	3
Radio stations	21
Daily newspapers	5
Circulation	48,221

## Crime

Total crimes reported in Uniform Crime Report	4,360
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## Finance

FDIC insured financial institutions (HQs)	23
Assets	\$3,587,779,000
Branch offices	107
Institutions represented	34

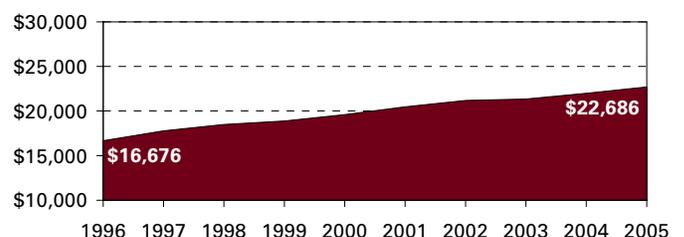
## Transfer Payments

Total transfer payments	\$1,436,849,000
Payments to individuals	\$1,367,938,000
Retirement and disability	\$513,992,000
Medical payments	\$604,601,000
Income maintenance (Supplemental SSI, family assistance, food stamps, etc)	\$152,789,000
Unemployment benefits	\$31,015,000
Veterans benefits	\$33,976,000
Federal education and training assistance	\$30,871,000
Other payments to individuals	\$694,000
Total personal income	\$5,787,695,000
Dependency ratio	24.8%

## Federal Expenditures

Direct expenditures or obligations	\$1,347,674,850
Retirement and disability	\$573,416,082
Other direct payments	\$322,776,516
Grant awards	\$373,102,021
Highway planning and construction	\$16,761,341
Temporary assistance to needy families	\$16,982,162
Medical assistance program	\$237,646,442
Procurement contract awards	\$27,626,960
Dept. of Defense	\$8,574,152
Salary and wages	\$50,753,271
Dept. of Defense	\$6,849,000
Other federal assistance	\$584,081,490
Direct loans	\$272,950,774
Guaranteed loans	\$52,780,266
Insurance	\$258,350,450

## Per Capita Personal Income



<b>Civilian Labor Force</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Civilian labor force	119,000	120,400	120,300	119,400	120,000
Employed	111,200	111,500	111,000	110,500	112,000
Unemployed	7,800	8,900	9,300	8,900	7,900
Unemployment rate	6.6	7.4	7.7	7.5	6.6

## Employment and Wages by Sector

<b>NAICS Industrial Sector</b>	<b>Average Annual Employment</b>		<b>Total Wages (in thousands of dollars)</b>	
	<b>2004</b>	<b>2005</b>	<b>2004</b>	<b>2005</b>
Total covered under Ohio UC Law	71,227	70,097	\$2,052,628	\$2,046,288
Private Sector	53,617	52,463	\$1,433,672	\$1,419,256
Agriculture, forestry, fishing and hunting	278	202	\$4,008	\$3,142
Mining	726	770	\$24,924	\$25,692
Utilities	262	272	\$15,981	\$18,178
Construction	3,555	3,596	\$116,948	\$127,437
Manufacturing	9,909	8,589	\$411,323	\$366,566
Wholesale trade	1,322	1,461	\$42,454	\$48,197
Retail trade	9,251	9,126	\$171,457	\$171,477
Transportation and warehousing	1,101	1,068	\$32,350	\$33,860
Information	581	547	\$17,948	\$16,704
Finance and insurance	2,372	2,245	\$73,447	\$68,677
Real estate and rental and leasing	747	811	\$15,799	\$17,202
Professional and technical services	1,597	1,572	\$56,262	\$53,103
Management of companies and enterprises	72	77	\$2,710	\$2,946
Administrative and waste services	1,498	1,530	\$25,046	\$27,872
Educational services	563	543	\$15,182	\$15,211
Health care and social assistance	8,228	8,262	\$226,020	\$233,968
Arts, entertainment, and recreation	364	404	\$5,336	\$5,632
Accommodation and food services	6,116	6,426	\$56,825	\$60,003
Other services, except public administration	1,882	1,999	\$28,383	\$32,487
State and Local Government	17,611	17,635	\$618,955	\$627,032
State government	848	859	\$36,901	\$38,384
Local government	8,448	8,539	\$232,871	\$234,158
Federal Government	815	811	\$34,257	\$34,216

-1 or \$0 indicates suppression for confidentiality

<b>Business Numbers</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Business starts	493	619	526	474	564
Active businesses	4,970	4,982	5,106	5,052	5,001

<b>Residential Construction</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Total units	147	411	350	440	346
Total valuation (000)	\$17,366	\$37,431	\$45,816	\$49,141	\$42,380
Total single-unit bldgs	135	276	230	258	256
Average cost per unit	\$123,212	\$114,495	\$171,426	\$153,715	\$150,385
Total multi-unit bldg units	12	135	120	182	90
Average cost per unit	\$61,001	\$43,189	\$53,230	\$52,101	\$43,126

## Major Employers

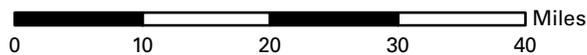
American Electric Power Co	Utility
Cooper-Standard Automotive	Mfg
Eramet Marietta Inc	Mfg
General Electric Co	Mfg
KRATON Polymers LLC	Mfg
MAHLE International	Mfg
Miba Bearings US LLC	Mfg
Ohio University	Govt
Ormet Corp	Mfg
Packaging Dynamics/Intl Converter	Mfg
Precision Castparts Corp	Mfg
RJF International Corp	Mfg
Smead Manufacturing Co	Mfg
Thermo Fisher Scientific Inc	Mfg

# Region 11

## Southeast Ohio



Department of  
Development



308 Front St.  
Marietta, OH 45750  
Phone: (740) 373-5150  
Fax: (740) 373-2984

Population (2006): 254,697  
Area: 3,676.6 sq. mi.



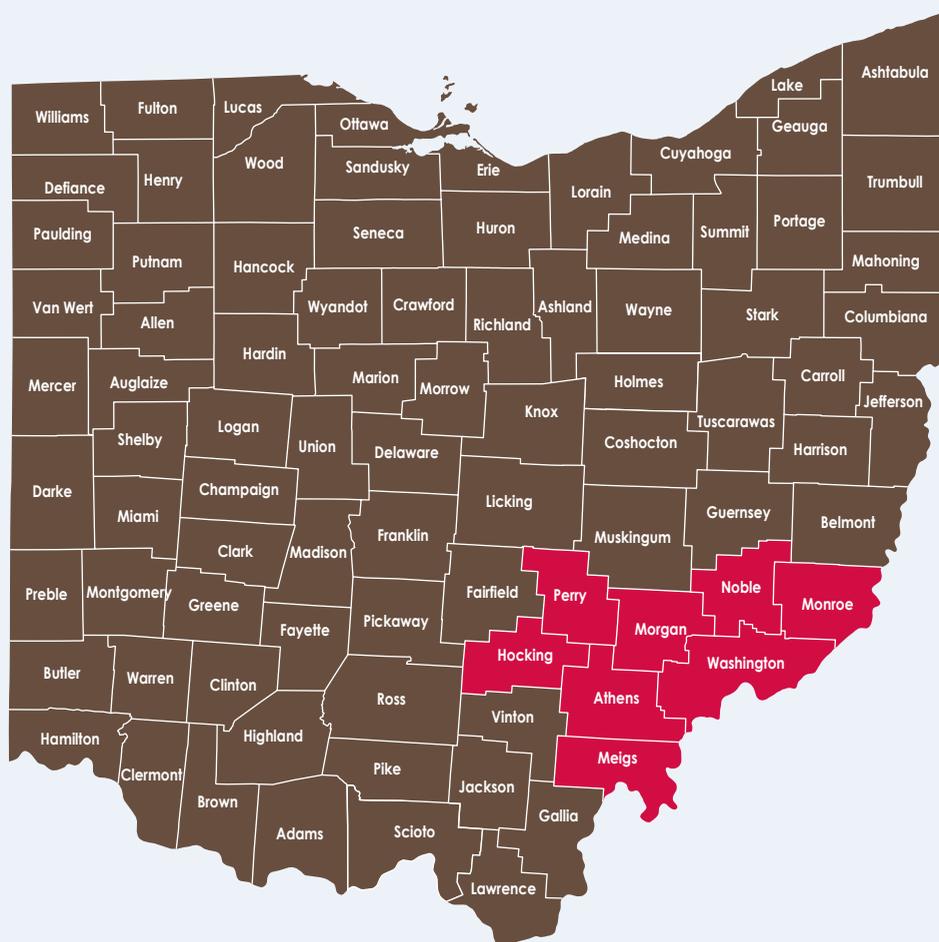
## 2007 Ohio Private Investment List

Region	County	Company	City	NAICS	Product	Type	Jobs	Investment	Square Feet	New	Exp
11	Athens	Diagnostics Hybrids Inc	Athens	339112	Diagnostic kits	MF		\$1,300,000	50,000	New	
11	Monroe	Artco Group	Hannibal	331513	Plate steel	MF/DW	45		8,500,000	New	
11	Morgan	EZ Grout Corp	Malta Twp	332212	Masonry tools	MF	40	\$1,000,000			Exp
11	Morgan	ABC Manufacturing	Malta	333922	Conveyor systems	MF	197	\$2,400,000		New	
11	Washington	Microtel Inn	Marietta	72111	Hotel	HO		\$3,000,000		New	
11	Washington	Route 7	Marietta Twp	23731	Road widening	Highway		\$23,000,000			Exp
11	Washington	Corridor D Bridge	Belpre Twp	23731	Route 50 bridge	Highway		\$55,000,000			Exp
11	Washington	DuPont	Belpre Twp	23799	Filtration facility	Water		\$2,900,000		7,300	New
11	Washington	Viking International	Marietta Twp	211111	Oil & gas extraction	OF		\$1,650,000		20,700	New
11	Washington	Marietta College	Marietta	61131	Planetarium/library	R&D		\$24,000,000		53,000	Exp
<b>Region 11</b>	<b>Totals</b>						<b>282</b>	<b>\$114,250,000</b>	<b>8,631,000</b>		

# Workforce Analysis

Southeast Ohio

Economic Development Region 11



*Athens, Hocking, Meigs, Monroe, Morgan,  
Noble, Perry and Washington Counties*

Workforce Analysis  
Economic Development Region 11



October  
2007

# Workforce Analysis Economic Development Region 11 Southeast Ohio

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## Executive Summary

- Athens County is the only county in this region with a positive net flow of commuters. In total, over 19,000 workers in net commute outside the region to work.
- All of the counties in Southeast Ohio are in the Appalachian Region. The Appalachian Regional Commission has designated three counties in this region as economically “transitional,” three as “at-risk,” and the remaining two as “distressed.”
- 2006 population was about 255,000, 1.5 percent higher than in 1995. Demographically, this region is slightly younger than the rest of the state.
- Total nonfarm payroll employment in 2006 was approximately 71,100, down 3.5 percent from 2000.
- The 2006 unemployment rate was 6.6 percent, 1.1 percentage points lower than the most recent peak in 2004. Southeast Ohio unemployment rates remained above state and national rates throughout the last ten years.
- Regional per capita income was \$22,686 in 2005—a 3.6 percent annual compound rate of growth from 1995.
- Residential building permits granted in 2006 declined, mirroring state and national trends. The average valuation was about \$148,000.
- From 2004 to 2014, Southeast Ohio is projected to add about 5,500 jobs in net. The fastest-growing industry sectors will be educational and health services; professional, scientific and technical services; and information.
- The fastest-growing occupational groups from 2004 to 2014 will be healthcare; computer and mathematical; and business and financial operations.
- Southeast Ohio has a somewhat lower level of overall educational attainment than the rest of the state. There has been significant growth in the number of associate's degrees completed in the last year.
- There are seven postsecondary training providers in Southeast Ohio offering over 800 different programs. About 9,700 degrees and certificates were awarded in 2006.
- The most important workplace skills through 2014 will be reading comprehension, critical thinking, speaking, active listening and coordination. Several skills will be in greater demand here than across the state.

## I. Understanding the Local Labor Market

Labor economists define a *labor market* as a geographic area in which both the demand and supply for labor are met primarily within that region.<sup>1</sup> In other words, it is an area where there are jobs and the majority of workers needed for those jobs. An important first step in identifying local labor markets is to examine the commuting patterns of individuals who live or work in the area. These patterns are one of the primary inputs used to define metropolitan areas.

Athens County was the only county in this region to have a positive net flow of commuters, and then only about 560 workers. Washington County, part of the Parkersburg-Marietta-Vienna MSA, had a net outflow of commuters. Perry County, which is closest to Columbus, had the largest outflow: over 6,600 workers. In total, over 19,000 workers in net commute outside the region to work. This total excludes commuting between counties within the region.

**Figure 1: Regional Commuting Patterns**

County	In-Commuters			Out-Commuters			Net Comparisons	
	Working in the County	In-Commuters	Percent of In-Commuters	Employed Living in the County	Out-Commuters	Percent of Out-Commuters	Net Flow of Commuters	Percent of Total Commuters
Athens	26,145	4,866	18.6%	25,586	4,307	16.8%	559	6.1%
Hocking	7,632	1,885	24.7%	11,829	6,082	51.4%	-4,197	-52.7%
Meigs	5,031	800	15.9%	8,752	4,521	51.7%	-3,721	-69.9%
Monroe	5,346	1,797	33.6%	5,768	2,219	38.5%	-422	-10.5%
Morgan	3,632	528	14.5%	5,858	2,754	47.0%	-2,226	-67.8%
Noble	3,796	1,044	27.5%	5,028	2,276	45.3%	-1,232	-37.1%
Perry	7,732	1,742	22.5%	14,385	8,395	58.4%	-6,653	-65.6%
Washington	26,792	6,857	25.6%	28,171	8,236	29.2%	-1,379	-9.1%
<b>Southeast Ohio</b>	<b>86,106</b>	<b>12,047</b>	<b>14.0%</b>	<b>105,377</b>	<b>31,310</b>	<b>29.7%</b>	<b>-19,263</b>	<b>-44.4%</b>

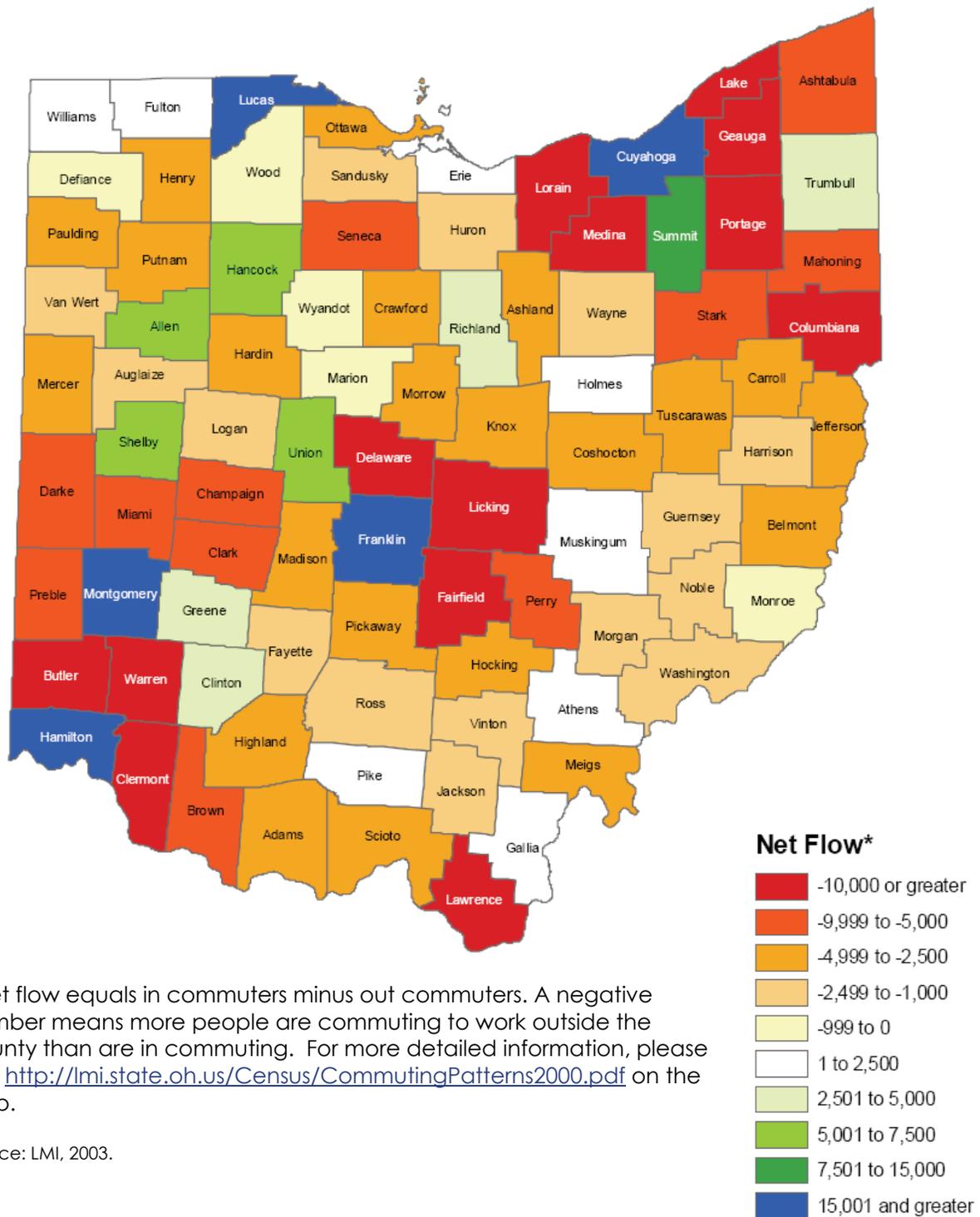
Figure 2 on the next page shows a visual summary of the net flow of commuters from the 2000 decennial census. Most workers commuting into a county to work usually do so from adjacent counties. Detailed county-to-county commuting is shown in Appendix C.

All of the counties in Southeast Ohio are in the Appalachian Region. The Appalachian Regional Commission designated three counties in this EDR as “transitional” for fiscal year 2007, meaning their economic indices (comprised of unemployment, per capita market income and the poverty rate) ranks in the middle 50 percent nationally. Three more counties were designated as “at-risk,” meaning their indices rank below 75 percent of counties nationally. Athens and Meigs Counties were both “distressed,” with indices below 90 percent of counties nationally,<sup>2</sup> though Athens County's index may be artificially low due to its large student population.

<sup>1</sup> Goldstein, 2005 (p. 1).

<sup>2</sup> Appalachian Regional Commission [ARC], 2007.

**Figure 2: Net Flow of Ohio Commuters**



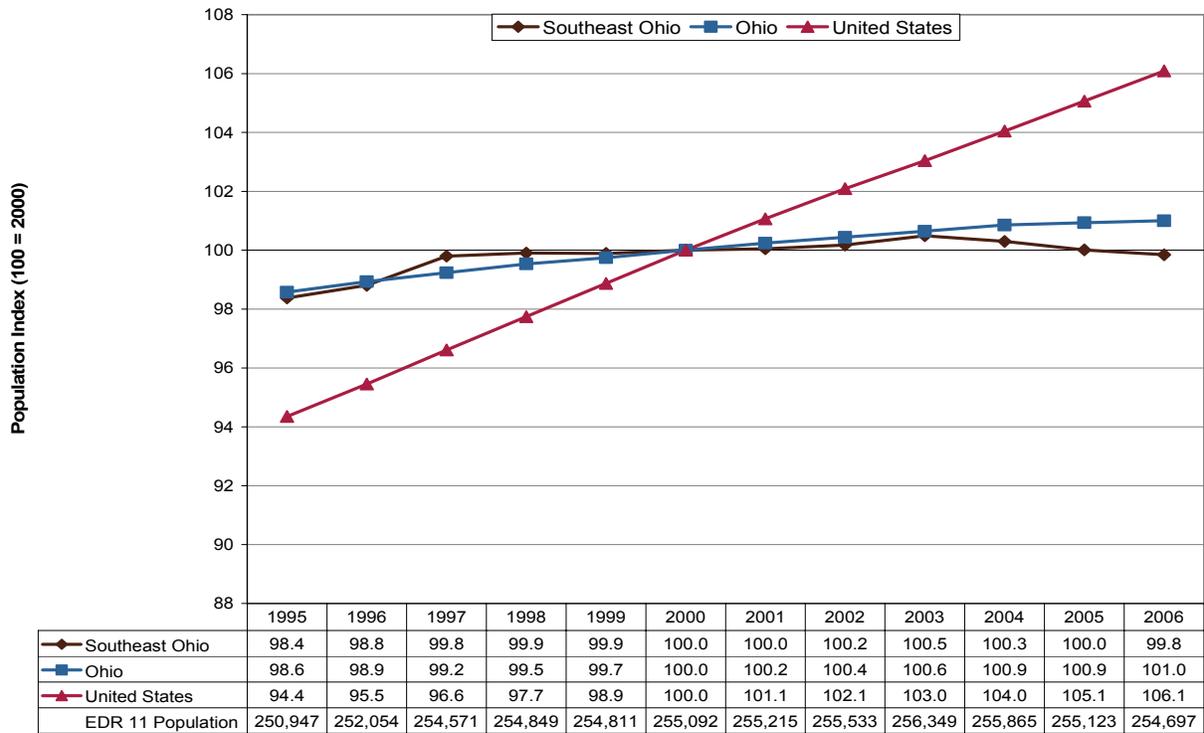
\*Net flow equals in commuters minus out commuters. A negative number means more people are commuting to work outside the county than are in commuting. For more detailed information, please visit <http://lmi.state.oh.us/Census/CommutingPatterns2000.pdf> on the web.

Source: LMI, 2003.

## II. Economic Indicators

**Population Trends.** Total population in the Southeast Ohio EDR was approximately 255,000 in 2006—about 2.2 percent of the state total. Since 1997, there has not been much change in the region's population. Over the period of analysis, population grew 1.5 percent. For comparison, Ohio's population increased 2.5 percent and national population 12.4 percent.

**Figure 3: Population Trends, 1995-2006**



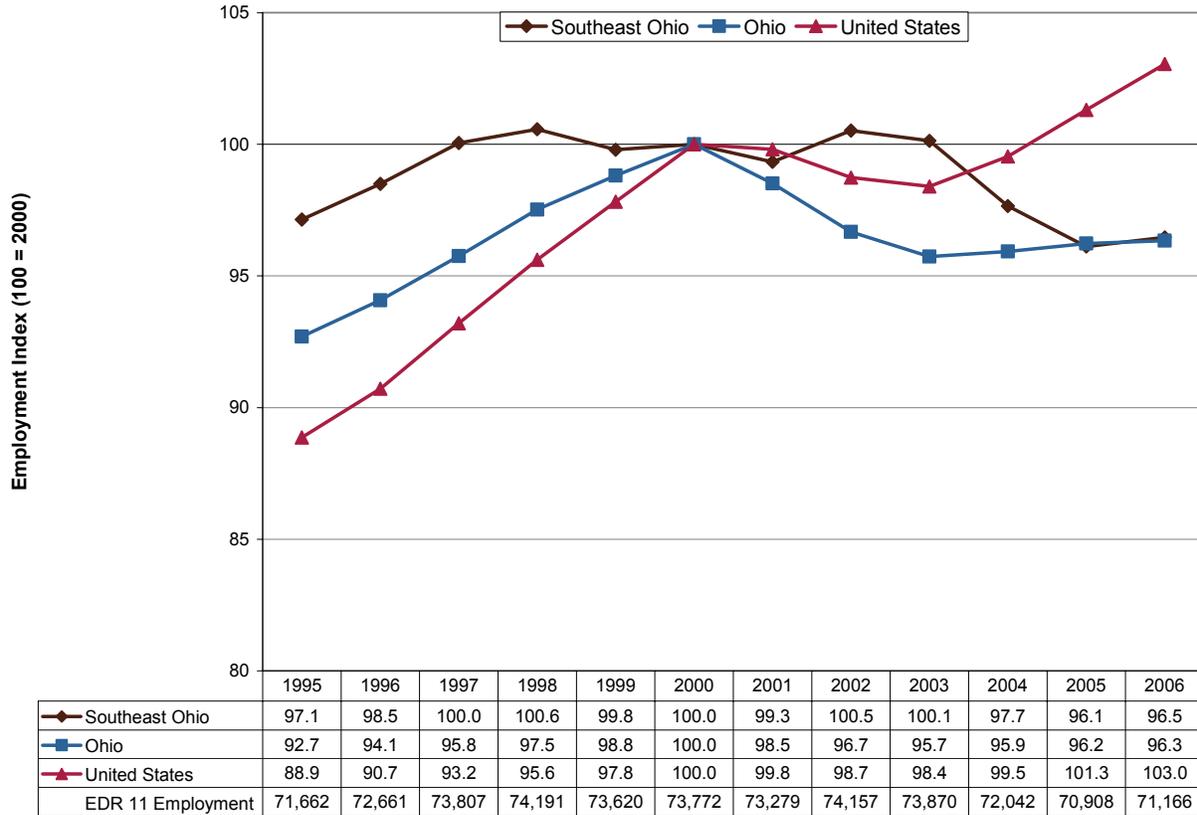
**Demographic Traits.** Population estimates for 2006, shown in Figure 4 below, reveal differences between this EDR and the rest of the state and nation. Southeast Ohio is slightly younger than the rest of the state with a much larger proportion of the population under 25 (35.3%) and a smaller working-age population 25-54 (40.0%). This is due mainly to the large share of 15–24 year olds and likely driven by Ohio University in Athens County.

**Figure 4: Demographic Characteristics, 2006**

	United States		Ohio		Southeast Ohio	
<b>Total</b>	<b>299,238,484</b>	<b>100.0%</b>	<b>11,478,006</b>	<b>100.0%</b>	<b>254,697</b>	<b>100.0%</b>
Under 5	20,417,636	6.8%	734,735	6.4%	14,143	5.6%
5 to 14	40,337,284	13.5%	1,534,571	13.4%	30,044	11.8%
15 to 24	42,435,426	14.2%	1,597,458	13.9%	45,777	18.0%
25 to 34	40,415,979	13.5%	1,459,394	12.7%	32,872	12.9%
35 to 44	43,666,950	14.6%	1,621,662	14.1%	32,769	12.9%
45 to 54	43,278,174	14.5%	1,738,480	15.1%	36,191	14.2%
55 to 64	31,586,683	10.6%	1,259,712	11.0%	27,950	11.0%
65 and older	37,260,352	12.5%	1,531,994	13.3%	34,951	13.7%

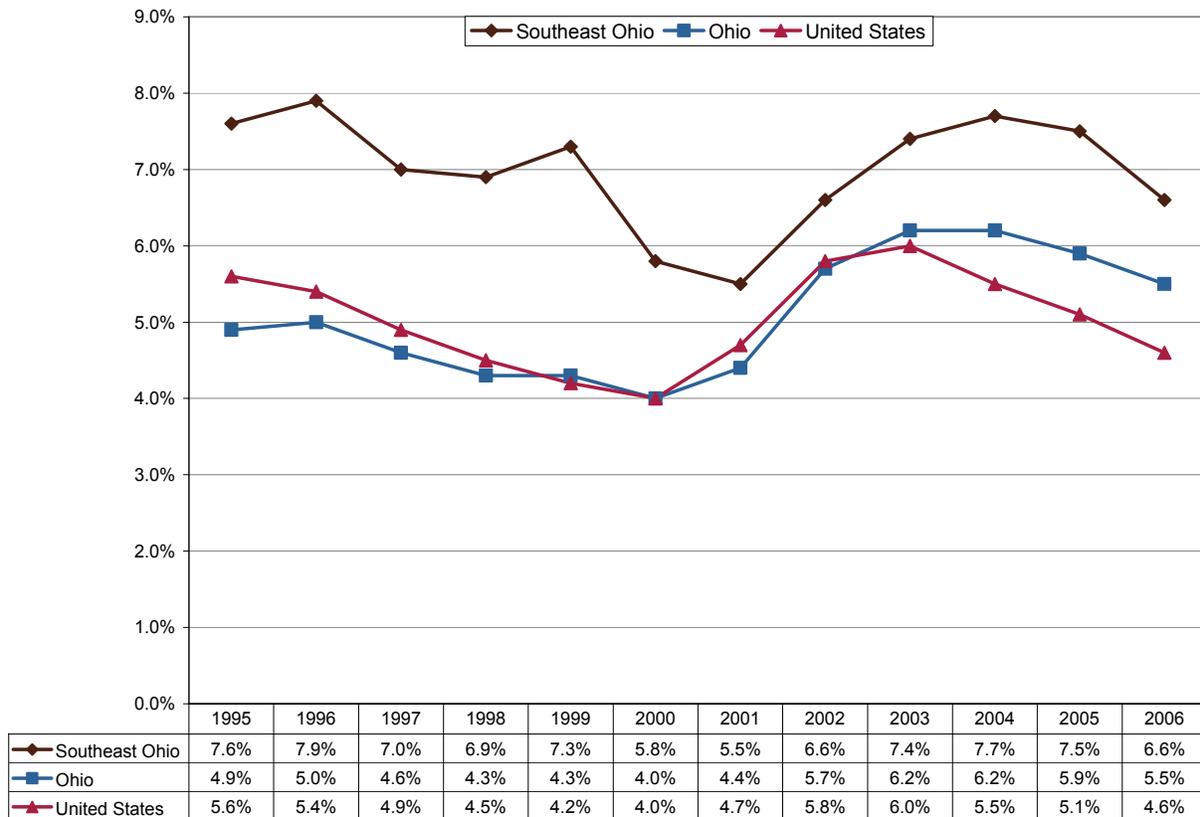
**Employment Trends.** Relative employment trends in the last eleven years have been somewhat erratic when compared with state and national employment, though this may be due to low overall employment levels. Total nonfarm payroll employment in 2006 was about 71,000 jobs. Employment has fallen 3.5 percent from 2000, compared with 3.7 percent across Ohio and a 3.0 percent increase nationally.

**Figure 5: Employment Trends, 1995-2006**



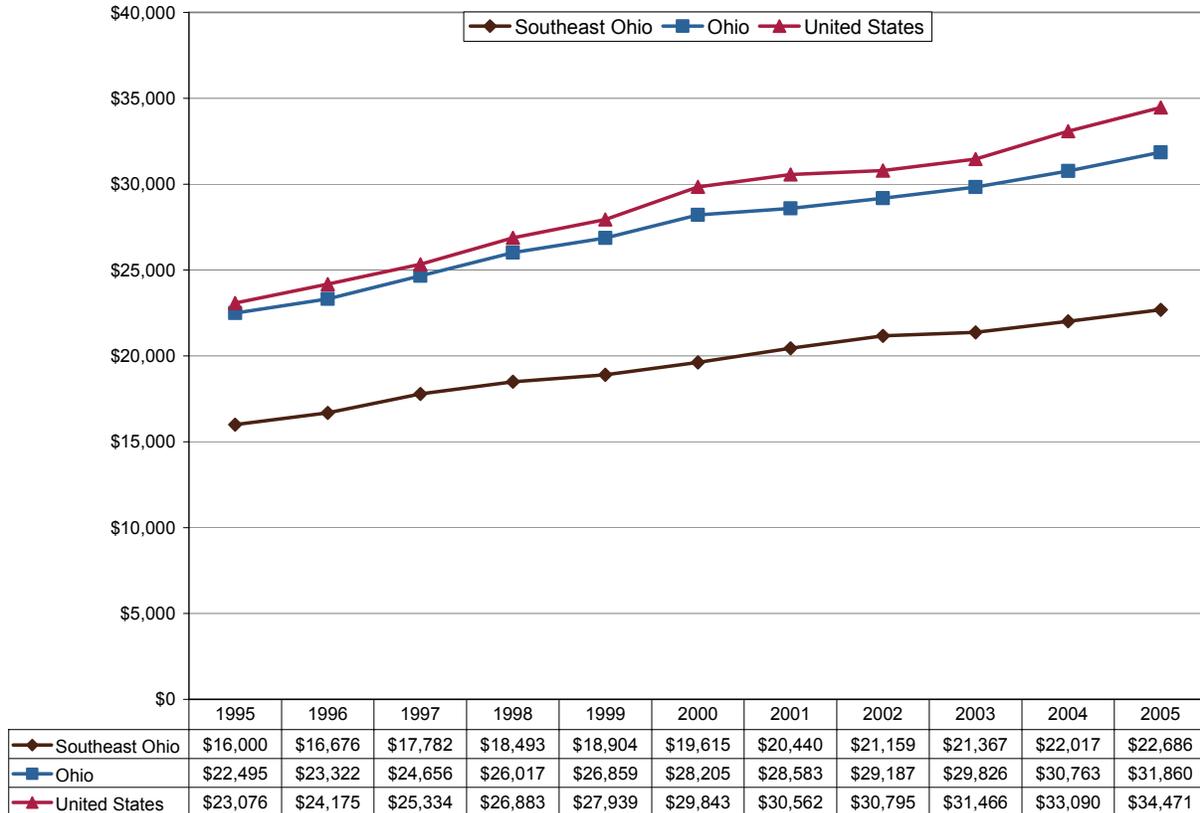
**Unemployment Rate Trends.** The unemployed are those in the non-institutional population 16 years or older who were not employed during the reference week but were actively seeking work, waiting to be called back to a job after a layoff, or waiting to report within 30 days to a new job. The region's unemployment rate in 2006 was 6.6 percent—much higher than the state or national rates for that year. The unemployment rate began its most recent climb in 2002, a year after the rest of the country. Since the last peak in 2004, the unemployment rate has dropped 1.1 percentage points. For comparison, the Ohio and U.S. unemployment rates fell 0.7 and 1.4 percentage points from their peaks in 2003, respectively.

**Figure 6: Unemployment Trends, 1995-2006**



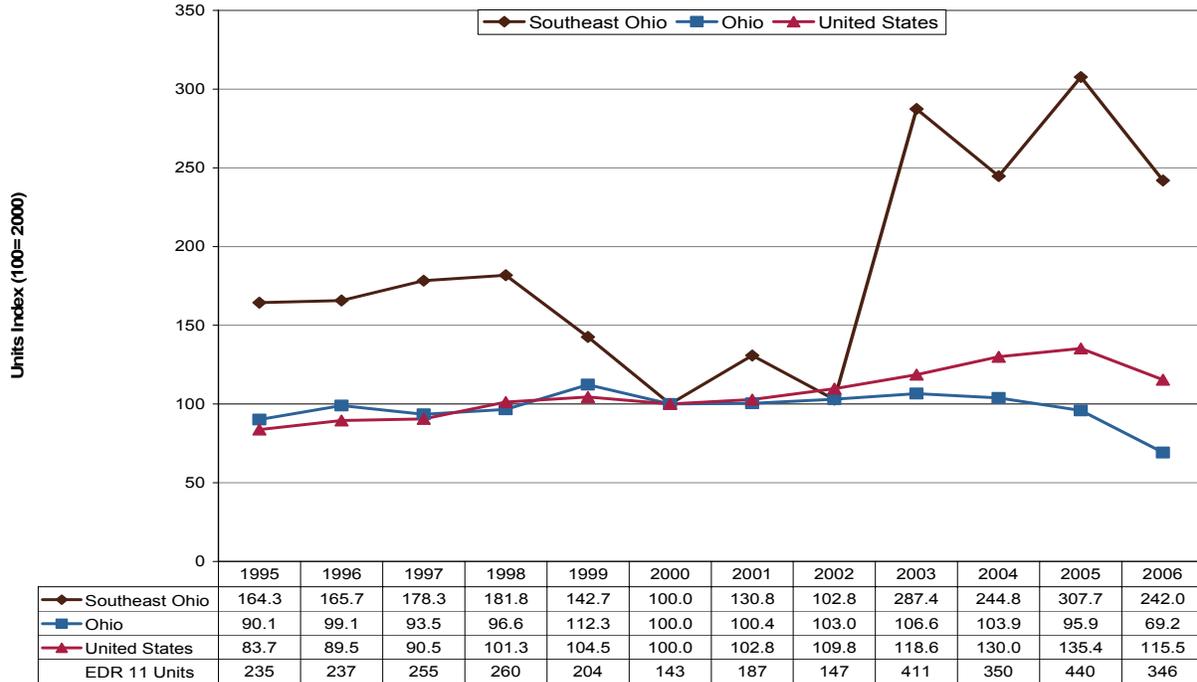
**Per Capita Income Trends.** Regional per capita income in 2005 was \$22,686. As Figure 7 below shows, income levels in Southeast Ohio have been well below state and national income throughout the period of analysis. Rural areas tend to have lower income levels than urban areas, and this EDR is highly rural. Since 1995, per capita income has grown at a 3.6 percent annual compound rate. For comparison, Ohio's per capita income rose 3.5 percent during the same period while national income climbed 4.1 percent.

**Figure 7: Per Capita Income, 1995-2005**

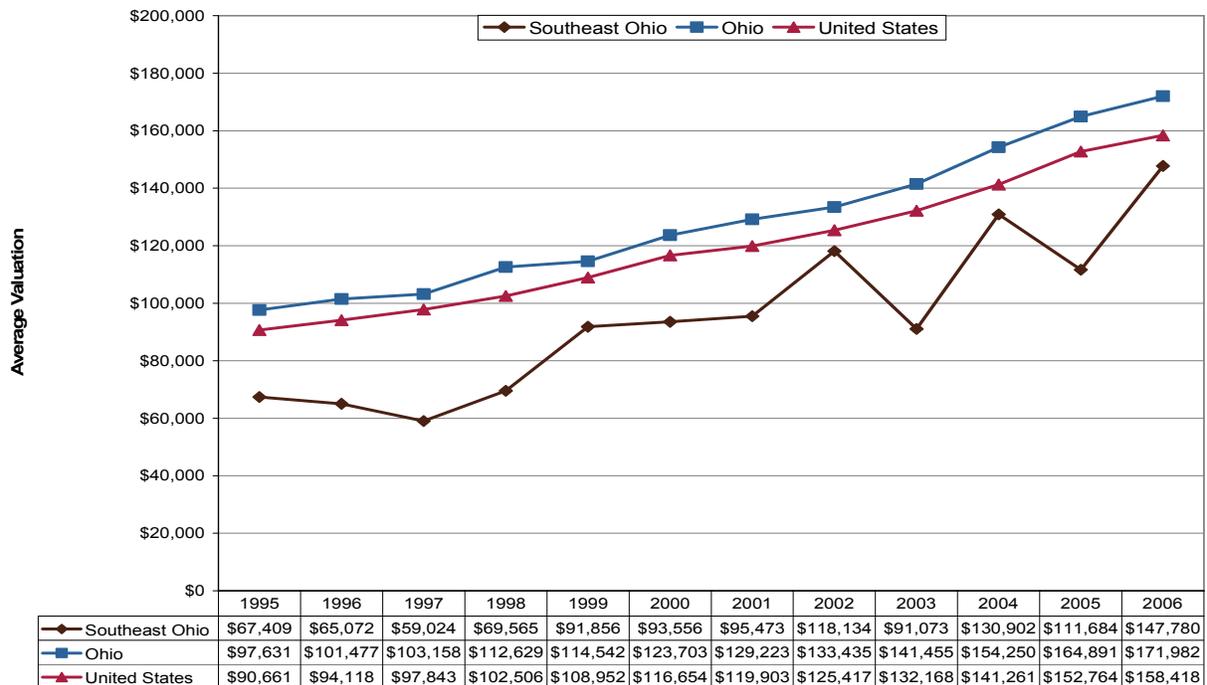


**Residential Construction Permit Trends.** Construction trends in Southeast Ohio have varied widely in the past eleven years, with large increases in the number of units recently. These have generally been multi-unit structures in Athens, Hocking and Perry Counties. Permits declined in 2006, following state and national trends. Average valuation that year was about \$148,000.

**Figure 8: Number of New Residential Building Permits, 1995-2006**



**Figure 9: Valuation of New Residential Building Permits, 1995-2006**



### III. Employment Projections to 2014

**Projections by Industry Sector.** Figure 10 below shows employment projections from the Job Outlook to 2014 for Southeast Ohio arranged by industry sector. As of 2004, 24.1 percent of total employment was in goods-producing industries such as construction and manufacturing. Another 69.6 percent of employment was in service-providing industries like health care and retail trade. The remaining 6.3 percent consists of the self-employed, private household and unpaid family workers.

From 2004 to 2014, Southeast Ohio is projected to add about 5,500 jobs in net (6.6%), mostly in service-providing industries. Education and health services, which includes hospitals, clinics and private schools, is expected to create the most new employment during this period: about 2,000 jobs (19.8%). Nationwide, there will be strong demand for health services as the population ages and new medical technologies emerge. Other fast-growing sectors include professional, scientific and technical services (18.8%) information; and leisure and hospitality (13.2%).

Manufacturing employment is not shown here due to confidentiality restrictions, but statewide, this sector will shed 9.4 percent of its jobs from 2004 to 2014.

**Figure 10: Southeast Ohio Projections to 2014 by Industry Sector**

Industry Sector	2004 Annual Employment	2014 Projected Employment	Change in Employment 2004-2014	Percent Change 2004-2014
<b>Total Employment</b>	<b>82,900</b>	<b>88,400</b>	<b>5,500</b>	<b>6.6%</b>
<b>Goods-Producing</b>	<b>20,000</b>	<b>18,800</b>	<b>-1,200</b>	<b>-6.0%</b>
Construction	3,600	3,900	300	8.3%
<b>Service-Providing</b>	<b>57,700</b>	<b>64,500</b>	<b>6,800</b>	<b>11.8%</b>
Trade, Transportation and Utilities	12,600	13,400	800	6.3%
Retail Trade	9,300	10,000	700	7.5%
Information	600	700	100	16.7%
Financial Activities	3,400	3,900	500	14.7%
Professional and Business Services	3,500	4,200	700	20.0%
Professional, Scientific & Technical Services	1,600	1,900	300	18.8%
Education and Health Services	10,100	12,100	2,000	19.8%
Leisure and Hospitality	6,800	7,700	900	13.2%
Government	18,000	19,600	1,600	8.9%
Federal Government	800	800	0	0.0%
State Government	5,000	5,200	200	4.0%
Local Government	12,100	13,600	1,500	12.4%
<b>Self-Employed, Private Household and Unpaid Family Workers</b>	<b>5,200</b>	<b>5,200</b>	<b>0</b>	<b>0.0%</b>

**Projections by Occupational Group.** Figure 11 shows the region's employment projections arranged by major occupational group. In 2004, the largest occupational groups here were office and administrative support; sales and related; food preparation and serving; production; healthcare; and education, training and library occupations.

Healthcare occupations will add 1,470 jobs in net through 2014, or 22.9 percent, again driven by strong demand for services. This field will also have about 260 openings per year on average. Other fast-growing occupational groups include computer and mathematical (27.7%); business and financial operations (15.4%); and community and social services occupations (14.5%).

**Figure 11: Southeast Ohio Projections to 2014 by Occupational Group**

Occupational Group	2004 Annual Empl.	2014 Proj. Empl.	Change in Employment		Avg. Ann. Openings
			2004-2014	Percent	
<b>Total, All Occupations</b>	<b>82,900</b>	<b>88,400</b>	<b>5,500</b>	<b>6.6%</b>	<b>2,483</b>
Management Occupations	7,960	7,760	-200	-2.5%	87
Business and Financial Operations Occupations	2,210	2,550	340	15.4%	75
Computer and Mathematical Occupations	470	600	130	27.7%	19
Architecture and Engineering Occupations	900	950	50	5.6%	26
Life, Physical, and Social Science Occupations	580	610	30	5.2%	17
Community and Social Services Occupations	1,650	1,890	240	14.5%	56
Legal Occupations	370	420	50	13.5%	10
Education, Training, and Library Occupations	6,030	6,860	830	13.8%	217
Arts, Design, Entertainment, Sports, & Media Occ.	820	880	60	7.3%	21
Healthcare Occupations, total	6,430	7,900	1,470	22.9%	259
Protective Service Occupations	1,610	1,680	70	4.3%	51
Food Preparation and Serving Related Occupations	7,210	7,960	750	10.4%	348
Building & Grounds Cleaning & Maintenance Occup.	2,900	3,220	320	11.0%	90
Personal Care and Service Occupations	2,140	2,370	230	10.7%	72
Sales and Related Occupations	8,250	8,900	650	7.9%	339
Office and Administrative Support Occupations	11,640	11,850	210	1.8%	297
Farming, Fishing, and Forestry Occupations	360	350	-10	-2.8%	9
Construction and Extraction Occupations	4,960	5,360	400	8.1%	139
Installation, Maintenance, and Repair Occupations	4,320	4,470	150	3.5%	116
Production Occupations	6,650	6,200	-450	-6.8%	164
Transportation and Material Moving Occupations	5,490	5,670	180	3.3%	137

**High Prospect Occupations.** A high prospect occupation is one that pays at least \$12 per hour on average and is expected to have at least five average annual openings. There are about 60 such occupations identified for Southeast Ohio. Figure 12 shows these high prospect occupations arranged by required education and training.

**Figure 12: High Prospect Occupations in Southeast Ohio**

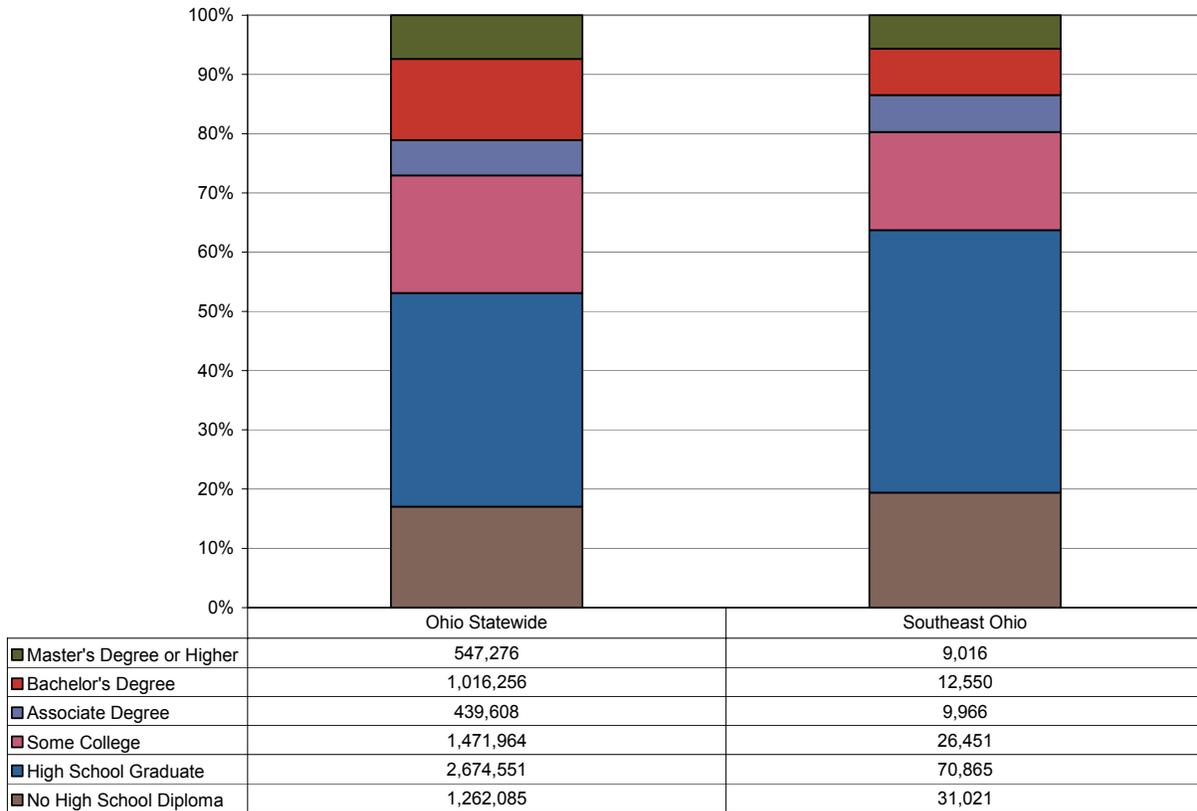
Code	Occupational Title**	Employment		Change in Employment		Avg. Ann. Openings	2006 Avg. Wage*
		2004 Annual	2014 Projected	2004 - 2014	Percent		
<b>Occupations Requiring Short-Term On-the-Job Training (up to one month)</b>							
33-9032	Security Guards	210	210	0	0.0%	5	\$12.16
43-4031	Court, Municipal, and License Clerks	200	220	20	10.0%	6	\$12.67
43-5052	Postal Service Mail Carriers	340	320	-20	-5.9%	11	\$20.69
43-5071	Shipping, Receiving, and Traffic Clerks	310	340	30	9.7%	9	\$12.58
53-7051	Industrial Truck and Tractor Operators	270	260	-10	-3.7%	5	\$14.24
53-7063	Machine Feeders and Offbearers	510	420	-90	-17.6%	14	\$12.44
<b>Occupations Requiring Moderate-Term On-the-Job Training (one to twelve months combined experience/training)</b>							
21-1093	Social and Human Service Assistants	130	160	30	23.1%	5	\$13.52
33-3012	Correctional Officers and Jailers	510	510	0	0.0%	11	\$16.17
41-4011	Sales Rep., Wholesale & Mfg, Tech./Sci. Prod.	180	210	30	16.7%	8	\$23.76
41-4012	Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod.	540	600	60	11.1%	20	\$28.82
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,370	1,410	40	2.9%	30	\$12.75
43-3051	Payroll and Timekeeping Clerks	150	170	20	13.3%	6	\$12.75
43-4051	Customer Service Representatives	680	810	130	19.1%	23	\$12.49
43-6011	Executive Secretaries & Administrative Assistants	560	590	30	5.4%	14	\$16.12
43-6014	Secretaries, except Legal, Medical & Executive	1,220	1,140	-80	-6.6%	23	\$12.89
45-2091	Agricultural Equipment Operators	160	150	-10	-6.3%	5	\$13.16
47-2073	Operating Engineers & Other Con. Equip. Op.	480	520	40	8.3%	16	\$17.70
47-2141	Painters, Construction and Maintenance	240	270	30	12.5%	7	\$16.49
47-4051	Highway Maintenance Workers	370	430	60	16.2%	11	\$14.87
47-5013	Service Unit Operators, Oil, Gas, and Mining	130	140	10	7.7%	5	\$12.13
49-9042	Maintenance and Repair Workers, General	1,190	1,260	70	5.9%	30	\$14.71
51-9023	Mixing/Blending Mach. Setter/Operator/Tenders	200	200	0	0.0%	5	\$14.92
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	210	180	-30	-14.3%	5	\$16.06
53-3032	Truck Drivers, Heavy and Tractor-Trailer	1,210	1,320	110	9.1%	31	\$14.42
<b>Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training)</b>							
33-3051	Police and Sheriff's Patrol Officers	470	510	40	8.5%	16	\$16.10
47-2031	Carpenters	950	1,080	130	13.7%	29	\$14.69
47-2111	Electricians	310	310	0	0.0%	6	\$20.74
49-9041	Industrial Machinery Mechanics	240	220	-20	-8.3%	5	\$19.90
<b>Occupations Requiring Work Experience in a Related Occupation</b>							
11-9051	Food Service Managers	240	250	10	4.2%	5	\$19.23
13-1051	Cost Estimators	120	150	30	25.0%	6	\$26.16
37-1011	FL Sup/Mgrs of Housekping & Janitorial Workers	110	130	20	18.2%	5	\$15.70
39-1021	First-Line Sup/Mgrs of Personal Serv. Workers	120	140	20	16.7%	5	\$14.50
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	920	950	30	3.3%	20	\$16.82
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	510	530	20	3.9%	13	\$17.94
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	320	340	20	6.3%	8	\$26.23
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	350	370	20	5.7%	11	\$21.97
51-1011	FL Sup/Mgrs of Production/Operating Workers	570	570	0	0.0%	12	\$21.17
53-1031	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	130	150	20	15.4%	5	\$17.97

Code	Occupational Title**	Employment		Change in Employment		Avg. Ann. Openings	2006 Avg. Wage*
		2004 Annual	2014 Projected	2004 - 2014	Percent		
<b>Occupations Requiring Postsecondary Vocational Training</b>							
29-2061	Licensed Practical & Licensed Vocat. Nurses	740	820	80	10.8%	24	\$14.66
41-9022	Real Estate Sales Agents	200	230	30	15.0%	7	\$31.68
49-3023	Automotive Service Technicians and Mechanics	410	470	60	14.6%	17	\$12.93
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	190	210	20	10.5%	7	\$14.61
<b>Occupations Requiring an Associate Degree</b>							
29-1111	Registered Nurses <sup>†</sup>	1,200	1,470	270	22.5%	52	\$23.97
<b>Occupations Requiring a Bachelor's Degree</b>							
13-1073	Training and Development Specialists	130	160	30	23.1%	5	\$23.26
13-2011	Accountants and Auditors	450	500	50	11.1%	14	\$24.94
21-1021	Child, Family and School Social Workers	230	260	30	13.0%	7	\$17.47
25-2021	Elementary School Teachers, ex.Special Ed. <sup>†</sup>	990	1,080	90	9.1%	31	\$41,378
25-2022	Middle School Teachers, ex. Special & Voc. Ed. <sup>†</sup>	540	560	20	3.7%	14	\$41,834
25-2031	Secondary Sch. Teachers, ex. Spec. & Voc. Ed. <sup>†</sup>	820	880	60	7.3%	29	\$42,894
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch. <sup>†</sup>	160	200	40	25.0%	8	\$42,413
25-2042	Special Education Teachers, Middle School <sup>†</sup>	110	130	20	18.2%	5	\$43,025
25-2043	Special Education Teachers, Secondary School <sup>†</sup>	230	250	20	8.7%	7	\$42,099
41-3021	Insurance Sales Agents	310	330	20	6.5%	9	\$22.58
<b>Occupations Requiring Work Experience plus a Bachelor's Degree</b>							
11-1011	Chief Executives	220	230	10	4.5%	5	\$69.31
11-1021	General and Operations Managers	750	840	90	12.0%	23	\$38.24
11-9111	Medical and Health Services Managers	180	210	30	16.7%	7	\$32.42
25-2032	Vocational Education Teachers, Secondary Sch. <sup>†</sup>	130	140	10	7.7%	5	\$52,243
<b>Occupations Requiring a Master's Degree</b>							
21-1012	Educational, Vocational, & School Counselors	240	270	30	12.5%	9	\$23.17
25-9031	Instructional Coordinators	140	170	30	21.4%	5	\$26.46
<b>Occupations Requiring a First Professional Degree</b>							
23-1011	Lawyers	220	250	30	13.6%	6	\$48.49
29-1051	Pharmacists	110	140	30	27.3%	5	\$44.72
*May 2005 wages aged to April 2006. Wages in <i>italics</i> are statewide figures because EDR wages were unavailable.							
**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							
<sup>†</sup> Annual earnings, typically for a 9½ month school year							
<sup>‡</sup> Training requirements may be met through a two-year associate's degree; a three-year diploma; or a four-year bachelor's degree.							
Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, 2007a.							

## IV. Education & Training

**Educational Attainment.** Figure 13 below shows levels of educational attainment in Ohio and the region for adults 25 and older. Southeast Ohio has a somewhat lower level of overall educational attainment than the rest of the state. There is a slightly larger proportion of adults without a high school diploma (19.4%) and a smaller proportion with at least an associate's degree (19.7%).

**Figure 13: Educational Attainment, 2000**



**Institutions and Degree Completions.** There are seven postsecondary training providers in Southeast Ohio offering over 800 different programs: 2 public adult schools with vocational programs; 3 two-year technical and community colleges; and 2 four-year colleges and universities. In total, the number of postsecondary awards granted in Southeast Ohio has remained about the same from 2005 to 2006. Declines in the number of bachelor's and master's degrees were offset by new popularity in associate degrees—quite important in many occupations. Details on educational institutions and program completers are available in Appendices E and F, respectively.

**Figure 14: Southeast Ohio Degree Completions**

Award Type	2005	2006	Net Growth
Postsec. Awards; < 2 yrs.	2,508	2,410	-98
Associate's Degrees	1,067	1,226	159
Bachelor's Degrees	4,799	4,776	-23
Master's Degrees	1,027	976	-51
Doctor's Degrees	147	124	-23
First-Professional Degrees	97	104	7
All Other Awards	32	55	23
Totals	9,677	9,671	-6

**Skills-Based Projections.** The Bureau of Labor Market Information recently analyzed occupational projections to determine the workplace skills that will be in demand in 2014. There are 35 skills that have been identified as potentially related to a job by the Occupational Information Network (O\*NET) system. Skills are learned capabilities that allow workers to master and perform the specific activities of their jobs. On average, each occupation has about five skills associated with it. For additional details on how the skills-based projections analysis was conducted, please refer to the Technical Notes at the end of this report.

Figure 15 on the facing page ranks all 35 skills by the projected need for training and gives several importance measures for both Central Ohio and the entire state. The first, supply rank, ranks the skills based on how many jobs today require each. Percent demand gives the proportion of average annual openings through 2014 that will require a skill, with higher percentages indicating stronger demand. The gap index is the difference between the available supply of a workplace skill and its projected demand, standardized to a range of 0 to 100. A higher gap index indicates stronger need for training. Finally, the replacement index gives the proportion of projected annual openings requiring a given skill that will arise to replace exiting workers (e.g. through dismissals, retirements, etc.) rather than to fill a new position. Demand for skills with higher replacement indices may be tempered with poor employment growth.

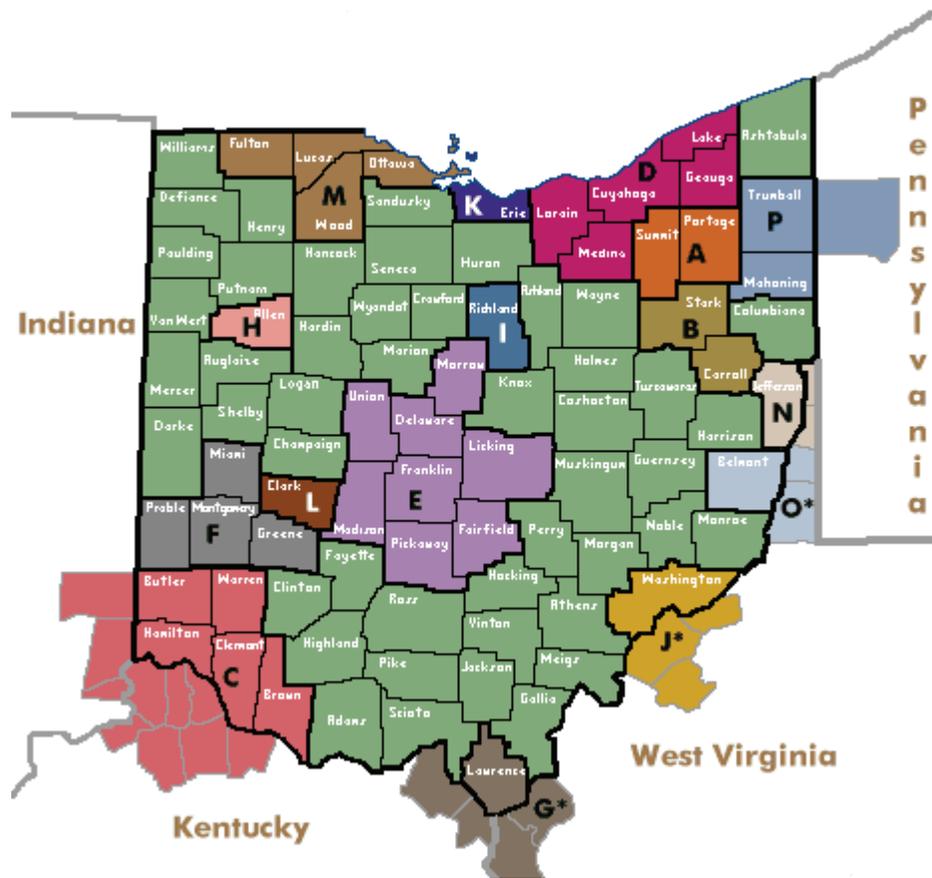
As is common in much of Ohio, reading comprehension will be the most important workplace skills in Southeast Ohio through 2014. More than half of all projected job openings during this period will require proficiency in this skill. It also has the largest gap between supply and projected demand. Other important skill sets include critical thinking, speaking, active listening and coordination.

In addition, many of the skill sets listed on this table will be in stronger demand here than across Ohio. Critical thinking, reading comprehension, equipment maintenance, social perceptiveness and active listening are just a few. Overall, a highly skilled workforce will be necessary in the next ten years.

**Figure 15: Projected Skills Needs for 2014**

Skill	Southeast Ohio				Ohio	
	Supply Rank	Percent Demand	Gap Index	Repl. Index	Percent Demand	Gap Index
Reading Comprehension	1	52.0%	100	65	48.3%	100
Critical Thinking	3	45.7%	97	65	41.9%	94
Speaking	4	40.5%	94	63	38.4%	91
Active Listening	2	49.5%	91	67	46.6%	97
Coordination	6	39.1%	89	64	36.8%	89
Monitoring	8	36.2%	86	64	34.3%	83
Active Learning	5	39.7%	83	65	37.4%	86
Time Management	10	33.7%	80	64	31.6%	74
Instructing	7	36.8%	77	65	34.1%	77
Writing	9	34.4%	74	64	33.6%	80
Social Perceptiveness	11	32.2%	71	63	28.6%	69
Learning Strategies	12	32.7%	69	64	31.3%	71
Service Orientation	13	27.6%	66	61	25.4%	66
Persuasion	14	24.9%	63	63	22.2%	60
Judgment and Decision Making	16	23.6%	60	63	23.6%	63
Complex Problem Identification	17	22.3%	57	64	21.3%	57
Mathematics	18	20.1%	54	64	18.9%	54
Negotiation	21	13.2%	51	65	12.0%	49
Management of Personnel Resources	22	10.7%	49	68	10.1%	46
Equipment Selection	15	18.2%	46	70	16.0%	51
Management of Financial Resources	27	6.3%	43	65	6.6%	37
Equipment Maintenance	19	12.9%	40	73	9.3%	34
Repairing	24	8.7%	37	71	5.9%	20
Science	30	4.4%	34	61	3.9%	23
Troubleshooting	20	12.2%	31	75	11.0%	43
Systems Evaluation	32	3.4%	29	58	4.3%	29
Installation	25	8.4%	26	77	7.6%	40
Operations Analysis	29	4.4%	23	66	5.2%	31
Management of Material Resources	31	3.5%	20	66	3.5%	14
Technology Design	33	2.1%	17	55	2.9%	17
Systems Analysis	34	1.7%	14	55	3.2%	26
Operation Monitoring	23	8.5%	11	80	6.8%	3
Programming	35	0.5%	9	46	1.0%	9
Operation and Control	26	6.8%	6	82	5.4%	6
Quality Control	28	4.7%	3	81	6.0%	11

## Appendix B: Ohio's Metropolitan Statistical Areas



- A. **Akron MSA:** Portage and Summit Counties.
- B. **Canton-Massillon MSA:** Carroll and Stark Counties.
- C. **Cincinnati-Midletown MSA:** Brown, Butler, Clermont, Hamilton and Warren Counties in Ohio; Dearborn, Franklin and Ohio Counties in Indiana; and Boone, Bracken, Campbell, Gallatin, Grant, Kenton and Pendleton Counties in Kentucky.
- D. **Cleveland-Elyria-Mentor MSA:** Cuyahoga, Geauga, Lake, Lorain and Medina Counties.
- E. **Columbus MSA:** Delaware, Fairfield, Franklin, Licking, Madison, Morrow, Pickaway and Union Counties
- F. **Dayton MSA:** Greene, Miami, Montgomery and Preble Counties
- G. **Huntington-Ashland MSA\*:** Cabell and Wayne Counties in West Virginia; Boyd and Greenup Counties in Kentucky; and Lawrence County in Ohio.
- H. **Lima MSA:** Allen County.
- I. **Mansfield MSA:** Richland County.
- J. **Parkersburg-Marietta-Vienna MSA\*:** Pleasants, Wirt and Wood Counties in West Virginia and Washington County in Ohio.
- K. **Sandusky MSA:** Erie County.
- L. **Springfield MSA:** Clark County.
- M. **Toledo MSA:** Fulton, Lucas, Ottawa and Wood Counties.
- N. **Weirton-Steubenville MSA:** Jefferson County in Ohio and Brooke and Hancock Counties in West Virginia.
- O. **Wheeling MSA\*:** Marshall and Ohio Counties in West Virginia and Belmont County in Ohio.
- P. **Youngstown-Warren-Boardman MSA:** Mahoning and Trumbull Counties in Ohio and Mercer County in Pennsylvania.

\*Statistical Areas in other states that include Ohio counties.

Appendix C: Detailed County-to-County Commuting Patterns

<b>Athens</b>			Percent of workers that work outside the county -	16.8%				
			Average commute time in minutes -	21.7				
Number of workers 16+ years of age living in Athens County			25,586	Number of workers 16+ years of age working in Athens County		26,145		
Commute Out To			Number	Percent	Commute In From		Number	Percent
Franklin Co. OH			712	2.8%	Meigs Co. OH		1,334	5.1%
Hocking Co. OH			580	2.3%	Hocking Co. OH		945	3.6%
Wood Co. WV			563	2.2%	Vinton Co. OH		420	1.6%
Washington Co. OH			462	1.8%	Morgan Co. OH		380	1.5%
Fairfield Co. OH			431	1.7%	Jackson Co. OH		220	0.8%
Vinton Co. OH			149	0.6%	Washington Co. OH		208	0.8%
Meigs Co. OH			142	0.6%	Gallia Co. OH		165	0.6%
Jackson Co. OH			130	0.5%	Fairfield Co. OH		142	0.5%
Perry Co. OH			123	0.5%	Wood Co. WV		116	0.4%
Ross Co. OH			112	0.4%	Perry Co. OH		110	0.4%

<b>Hocking</b>			Percent of workers that work outside the county -	51.4%				
			Average commute time in minutes -	35.9				
Number of workers 16+ years of age living in Hocking County			11,829	Number of workers 16+ years of age working in Hocking County		7,632		
Commute Out To			Number	Percent	Commute In From		Number	Percent
Franklin Co. OH			1,977	16.7%	Athens Co. OH		580	7.6%
Fairfield Co. OH			1,897	16.0%	Fairfield Co. OH		361	4.7%
Athens Co. OH			945	8.0%	Perry Co. OH		305	4.0%
Pickaway Co. OH			564	4.8%	Vinton Co. OH		121	1.6%
Ross Co. OH			126	1.1%	Ross Co. OH		67	0.9%
Licking Co. OH			94	0.8%	Pickaway Co. OH		62	0.8%
Perry Co. OH			79	0.7%	Franklin Co. OH		39	0.5%
Delaware Co. OH			51	0.4%	Jackson Co. OH		36	0.5%
Vinton Co. OH			41	0.3%	Montgomery Co. OH		31	0.4%
Madison Co. OH			23	0.2%	Stark Co. OH		25	0.3%

<b>Meigs</b>			Percent of workers that work outside the county -	51.7%				
			Average commute time in minutes -	31.8				
Number of workers 16+ years of age living in Meigs County			8,752	Number of workers 16+ years of age working in Meigs County		5,031		
Commute Out To			Number	Percent	Commute In From		Number	Percent
Athens Co. OH			1,334	15.2%	Mason Co. WV		199	4.0%
Gallia Co. OH			844	9.6%	Gallia Co. OH		187	3.7%
Mason Co. WV			564	6.4%	Athens Co. OH		142	2.8%
Washington Co. OH			340	3.9%	Vinton Co. OH		59	1.2%
Wood Co. WV			293	3.3%	Washington Co. OH		27	0.5%
Jackson Co. WV			292	3.3%	Muskingum Co. OH		19	0.4%
Franklin Co. OH			171	2.0%	Wood Co. WV		18	0.4%
Jackson Co. OH			164	1.9%	Carter Co. KY		18	0.4%
Vinton Co. OH			114	1.3%	Tyler Co. WV		16	0.3%
Fairfield Co. OH			51	0.6%	Jackson Co. WV		13	0.3%

<b>Monroe</b>			Percent of workers that work outside the county -			38.5%					
			Average commute time in minutes -			30.8					
Number of workers 16+ years of age living in Monroe County			5,768			Number of workers 16+ years of age working in Monroe County			5,346		
Commute Out To			Number	Percent	Commute In From			Number	Percent		
Belmont Co. OH	596	10.3%	Belmont Co. OH	626	11.7%						
Wetzel Co. WV	532	9.2%	Wetzel Co. WV	447	8.4%						
Washington Co. OH	237	4.1%	Washington Co. OH	221	4.1%						
Marshall Co. WV	145	2.5%	Marshall Co. WV	122	2.3%						
Noble Co. OH	132	2.3%	Tyler Co. WV	102	1.9%						
Ohio Co. WV	111	1.9%	Noble Co. OH	67	1.3%						
Guernsey Co. OH	84	1.5%	Ohio Co. WV	36	0.7%						
Tyler Co. WV	57	1.0%	Lucas Co. OH	33	0.6%						
Wood Co. WV	46	0.8%	Franklin Co. OH	28	0.5%						
Franklin Co. OH	29	0.5%	Montgomery Co. OH	15	0.3%						

<b>Morgan</b>			Percent of workers that work outside the county -			47.0%					
			Average commute time in minutes -			36.2					
Number of workers 16+ years of age living in Morgan County			5,858			Number of workers 16+ years of age working in Morgan County			3,632		
Commute Out To			Number	Percent	Commute In From			Number	Percent		
Muskingum Co. OH	707	12.1%	Muskingum Co. OH	211	5.8%						
Washington Co. OH	501	8.6%	Washington Co. OH	125	3.4%						
Athens Co. OH	380	6.5%	Athens Co. OH	54	1.5%						
Franklin Co. OH	307	5.2%	Perry Co. OH	52	1.4%						
Perry Co. OH	225	3.8%	Guernsey Co. OH	21	0.6%						
Licking Co. OH	157	2.7%	Noble Co. OH	13	0.4%						
Guernsey Co. OH	80	1.4%	Brooke Co. WV	10	0.3%						
Fairfield Co. OH	68	1.2%	Jackson Co. WV	7	0.2%						
Wood Co. WV	51	0.9%	Virginia Beach City VA	7	0.2%						
Pickaway Co. OH	29	0.5%	Tuscarawas Co. OH	6	0.2%						

<b>Noble</b>			Percent of workers that work outside the county -			45.3%					
			Average commute time in minutes -			26.7					
Number of workers 16+ years of age living in Noble County			5,028			Number of workers 16+ years of age working in Noble County			3,796		
Commute Out To			Number	Percent	Commute In From			Number	Percent		
Guernsey Co. OH	1,069	21.3%	Guernsey Co. OH	438	11.5%						
Washington Co. OH	453	9.0%	Washington Co. OH	197	5.2%						
Muskingum Co. OH	274	5.4%	Monroe Co. OH	132	3.5%						
Belmont Co. OH	103	2.0%	Muskingum Co. OH	76	2.0%						
Franklin Co. OH	79	1.6%	Belmont Co. OH	70	1.8%						
Monroe Co. OH	67	1.3%	Morgan Co. OH	25	0.7%						
Wood Co. WV	27	0.5%	Wood Co. WV	21	0.6%						
Licking Co. OH	24	0.5%	Cuyahoga Co. OH	19	0.5%						
Summit Co. OH	21	0.4%	Franklin Co. OH	15	0.4%						
Stark Co. OH	19	0.4%	Logan Co. OH	10	0.3%						

<b>Perry</b>			Percent of workers that work outside the county -	58.4%	
			Average commute time in minutes -	33.5	
Number of workers 16+ years of age living in Perry County			14,385	Number of workers 16+ years of age working in Perry County	7,732
Commute Out To	Number	Percent	Commute In From	Number	Percent
Franklin Co. OH	2,433	16.9%	Muskingum Co. OH	570	7.4%
Fairfield Co. OH	1,980	13.8%	Fairfield Co. OH	273	3.5%
Licking Co. OH	1,656	11.5%	Morgan Co. OH	225	2.9%
Muskingum Co. OH	1,451	10.1%	Athens Co. OH	123	1.6%
Hocking Co. OH	305	2.1%	Licking Co. OH	107	1.4%
Athens Co. OH	110	0.8%	Franklin Co. OH	105	1.4%
Delaware Co. OH	58	0.4%	Hocking Co. OH	79	1.0%
Guernsey Co. OH	56	0.4%	Knox Co. OH	36	0.5%
Morgan Co. OH	52	0.4%	Pickaway Co. OH	24	0.3%
Pickaway Co. OH	51	0.4%	New York Co. NY	23	0.3%

<b>Washington</b>			Percent of workers that work outside the county -	29.2%	
			Average commute time in minutes -	22.5	
Number of workers 16+ years of age living in Washington County			28,171	Number of workers 16+ years of age working in Washington County	26,792
Commute Out To	Number	Percent	Commute In From	Number	Percent
Wood Co. WV	5,927	21.0%	Wood Co. WV	3,316	12.4%
Pleasants Co. WV	378	1.3%	Morgan Co. OH	501	1.9%
Monroe Co. OH	221	0.8%	Athens Co. OH	462	1.7%
Athens Co. OH	208	0.7%	Noble Co. OH	453	1.7%
Noble Co. OH	197	0.7%	Pleasants Co. WV	391	1.5%
Morgan Co. OH	125	0.4%	Meigs Co. OH	340	1.3%
Franklin Co. OH	124	0.4%	Monroe Co. OH	237	0.9%
Jackson Co. WV	95	0.3%	Ritchie Co. WV	137	0.5%
Guernsey Co. OH	83	0.3%	Franklin Co. OH	84	0.3%
Tyler Co. WV	71	0.3%	Tyler Co. WV	81	0.3%

Source: U.S. Census Bureau, 2004.

## Appendix D: Major Employers by County

<b>Athens</b>	
Alexander Local Board of Education	Government
Athens City Board of Education	Government
Athens County Government	Government
Diagnostic Hybrids, Inc.	Manufacturing
ED MAP, Inc.	Education
Federal Hocking Local Board of Education	Government
Hocking College	Education
Nelsonville-York City Board of Education	Government
O'Bleness Memorial Hospital	Health Care
Ohio University	Education
Wal-Mart Stores, Inc.	Retail
<b>Hocking</b>	
Deshler Group/Amanda Bent Bolt Co.	Manufacturing
General Electric Co.	Manufacturing
Hocking Valley Community Hospital	Health Care
Kroger Co.	Retail
Logan-Hocking Local Board of Education	Government
Smead Manufacturing Co.	Manufacturing
State of Ohio	Government
Wal-Mart Stores, Inc.	Retail
<b>Meigs</b>	
Eastern Local Board of Education	Government
Extendicare/Rocksprings Rehab Center	Health Care
Facemyer Forest Products	Manufacturing
Kentek/Imperial Electric Co.	Manufacturing
Kroger Co.	Retail
Meigs County Government	Government
Meigs Local Board of Education	Government
Overbrook Center	Health Care
Southern Local Board of Education	Government
Veterans Memorial Hospital	Health Care
<b>Monroe</b>	
Extendicare/Woodsfield Nursing Center	Health Care
Monroe County Government	Government
Ormet Corp.	Manufacturing
Riesbeck Food Markets	Retail
Safe Auto Insurance Co.	Insurance
Slay Transportation Co., Inc.	Transportation
Switzerland of Ohio Local Board of Education	Government
Slay Transportation Co., Inc.	Transportation
Switzerland of Ohio Local Board of Education	Government

<b>Morgan</b>	
Careserve, Inc./Mark Rest Center	Health Care
Draper, Inc.	Manufacturing
Hann Manufacturing	Manufacturing
Kroger Co.	Retail
MAHLE International	Manufacturing
Miba Bearings U.S. LLC	Manufacturing
Morgan County Government	Government
Morgan Local Board of Education	Government
Warren's Morgan County IGA	Retail
<b>Noble</b>	
Caldwell Exempted Village Board of Education	Government
MAHLE International	Manufacturing
Noble County Government	Government
Noble Local Board of Education	Government
Packaging Dynamics/International Converter	Manufacturing
State of Ohio	Government
Summit Acres	Health Care
<b>Perry</b>	
CertainTeed Corp./Ludowici Roof Tile	Manufacturing
Cooper-Standard Automotive	Manufacturing
Crooksville Exempted Village Board of Education	Government
New Lexington City Board of Education	Government
Northern Local Board of Education	Government
Perry County Government	Government
Precision Castparts Corp.	Manufacturing
Southern Local Board of Education	Government
Superior Fibers, LLC	Manufacturing
<b>Washington</b>	
American Electric Power Co.	Utilities
Eramet Marietta, Inc.	Manufacturing
KRATON Polymers, LLC	Manufacturing
Marietta City Board of Education	Government
Marietta College	Education
Marietta Memorial Hospital	Health Care
RJF International Corp.	Manufacturing
Thermo Fisher Scientific, Inc.	Manufacturing
Wal-Mart Stores, Inc.	Retail
Warren Local Board of Education	Government
Marietta College	Education
Marietta Memorial Hospital	Health Care
RJF International Corp.	Manufacturing
Thermo Electron/Thermo Forma	Manufacturing
Wal-Mart Stores, Inc.	Retail
Warren Local Board of Education	Government

Source: Ohio Department of Development, 2007.  
Employers are listed in alphabetical order.

## Appendix E: Postsecondary Institutions

Name	Type	Address	Telephone	URL
Hocking College	Two-Year	3301 Hocking Pky, Nelsonville, OH 45764	(740) 753-3591	www.hocking.edu
Marietta College	Four-Year	Irvine Bldg, Marietta, OH 45750	(740) 376-4643	www.marietta.edu
Ohio University-Main Campus	Four-Year	Athens, OH 45701	(740) 593-1000	www.ohio.edu
Tri-County Adult Career Center	Pub. Adult Sch.	15676 St Rt 691, Nelsonville, OH 45764	(740) 753-5464	tricityhightech.com
Valley Beauty School	Two-Year	706 Wheeling Avenue, Cambridge, OH 43725	(740) 439-5559	
Washington County Career Center-Adult Technical Training	Pub. Adult Sch.	21740 St. Rt. 676, Marietta, OH 45750	(740) 373-6283	www.mycareerschool.com
Washington State Community College	Two-Year	710 Colegate Dr, Marietta, OH 45750	(740) 374-8716	www.wsccl.edu

Source: *Integrated Postsecondary Educational Data System (IPEDS)*, *College Opportunities Online (COOL)*

<http://nces.ed.gov/collegenavigator>

Appendix F: Degree Completers by Program Class for Economic Development Region 11

Program Class	2005 Completions					2006 Completions				
	Assoc. Degrees	Bachelor's Degrees	Master's Degrees	Doctoral Degrees	First-Prof. Degrees	Assoc. Degrees	Bachelor's Degrees	Master's Degrees	Doctoral Degrees	First-Prof. Degrees
Agriculture, Agriculture Operations and Related Sciences	26					30				
Natural Resources and Conservation	156	7	21			159	4	17		
Area, Ethnic, Cultural and Gender Studies		21	46				22	44		
Communication, Journalism and Related Programs		746	49	18			711	65	18	
Communications Technologies/Technicians and Support Services	7					3				
Computer and Information Sciences and Support Services	28	42	9			31	39	4		
Personal and Culinary Services	37					44				
Education	9	572	158	32		38	488	235	19	
Engineering	12	174	77	8		8	152	78	16	
Engineering Technologies/Technicians	78	47				96	37			
Foreign Languages, Literatures and Linguistics		70	33				65	25		
Family and Consumer Sciences/Human Sciences	15	288	2			15	290	7		
English Language and Literature/Letters		107	24	3			110	12	6	
Liberal Arts and Sciences, General Studies and Humanities	108	284	8			117	306	3		
Biological and Biomedical Sciences	2	133	10	11		1	122	11	10	
Mathematics and Statistics	2	23	29	4			19	19	1	
Multi/Interdisciplinary Studies	2		1	1		3	6	5	4	
Parks, Recreation, Leisure and Fitness Studies	2	238	85			9	276	52		
Philosophy and Religious Studies		13	5				27	4		
Physical Sciences		56	23	18			69	16	15	
Psychology		190	11	10			236	18	7	
Security and Protective Services	123					126				
Public Administration and Social Service Professions	20	23	43			8	26	29		
Social Sciences		387	118				393	117		
Mechanic and Repair Technologies/Trades	14					36				
Transportation and Materials Moving		37				1	40			
Visual and Performing Arts		208	75	6		2	218	69	7	
Health Professions and Related Clinical Sciences	282	231	52	32	97	343	269	51	17	104
Business, Management, Marketing and Related Support Services	144	838	141			156	767	90		
History		64	7	4			84	5	4	
<b>Total, All Programs</b>	<b>1,067</b>	<b>4,799</b>	<b>1,027</b>	<b>147</b>	<b>97</b>	<b>1,226</b>	<b>4,776</b>	<b>976</b>	<b>124</b>	<b>104</b>

Source: Integrated Postsecondary Educational Data System (IPEDS), College Opportunities Online (COOL)

<http://nces.ed.gov/collegenavigator>

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State of Ohio  
Department of Job and Family Services  
Office of Workforce Development  
Bureau of Labor Market Information

Ted Strickland, Governor  
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