

Ohio County Profiles



Department of
Development

Prepared by the Office of Strategic Research

Region 3

2006 Population: 383,420

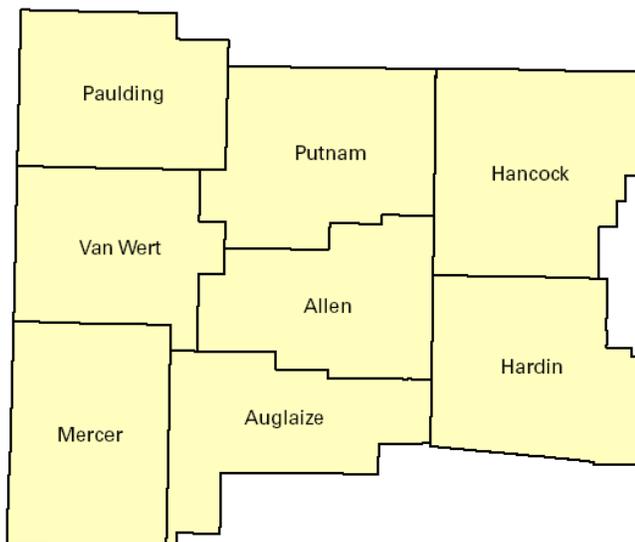
Land Area: 3,581.1 square miles

Regional Economic Development Office Location:

Perry Building 545 W. Market St., Suite 305

Lima, OH 45801-4717

Phone: (419) 229-5320 Fax: (419) 229-5424



Taxes

Taxable value of real property	\$5,857,804,570
Residential	\$4,160,816,930
Agriculture	\$642,077,410
Industrial	\$280,093,380
Commercial	\$774,811,940
Mineral	\$4,910
Ohio income tax liability	\$239,778,690
Average per return	\$1,348.87

Land Use/Land Cover

	Percent
Urban (Residential/Commercial/Industrial/ Transportation and Urban Grasses)	5.98%
Cropland	79.96%
Pasture	5.20%
Forest	6.58%
Open Water	1.09%
Wetlands (Wooded/Herbaceous)	1.13%
Bare/Mines	0.06%

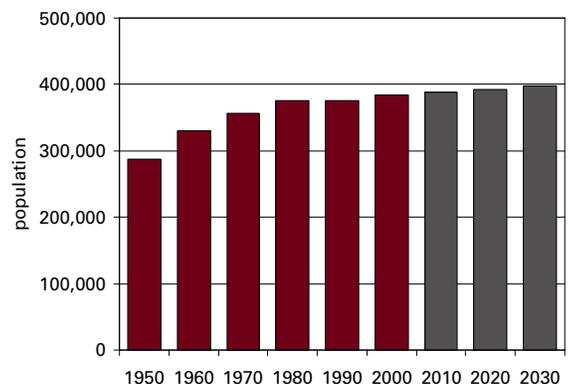
Largest Areas

	Census 2000	Est. 2006
Lima, Allen Co.	40,081	38,219
Findlay, Hancock Co.	38,967	38,173
American twp UB, Allen Co.	13,599	12,534
Van Wert, Van Wert Co.	10,690	10,442
Celina, Mercer Co.	10,303	10,396
Bath twp, Allen Co.	9,819	9,956
Wapakoneta, Auglaize Co.	9,474	9,579
Shawnee twp UB, Allen Co.	8,365	8,609
St. Marys, Auglaize Co.	8,342	8,203
Kenton, Hardin Co.	8,336	8,149

UB: Unincorporated Balance

Total Population

Census	Estimated
1800	2001 383,797
1810	2002 383,945
1820 117	2003 383,016
1830 3,151	2004 383,188
1840 39,740	2005 383,406
1850 69,941	2006 383,420
1860 114,923	
1870 144,927	Projected
1880 193,599	2010 387,560
1890 253,257	2020 392,930
	2030 397,740



Population by Race

	Number	Percent
Total Population	383,926	100.0%
White	358,299	93.3%
African-American	14,695	3.8%
Native American	899	0.2%
Asian	1,897	0.5%
Pacific Islander	52	0.0%
Other	3,568	0.9%
Two or More Races	4,516	1.2%
Hispanic (may be of any race)	7,378	1.9%
Total Minority	28,609	7.5%

Educational Attainment

	Number	Percent
Persons 25 years and over	244,552	100.0%
No high school diploma	37,658	15.4%
High school graduate	112,255	45.9%
Some college, no degree	41,638	17.0%
Associate degree	18,102	7.4%
Bachelor's degree	22,417	9.2%
Master's degree or higher	12,482	5.1%

Family Type by Employment Status

	Number	Percent
Total Families	103,393	100.0%
Married couple, husband and wife in labor force	47,960	46.4%
Married couple, husband in labor force, wife not	16,758	16.2%
Married couple, wife in labor force, husband not	5,026	4.9%
Married couple, husband and wife not in labor force	14,916	14.4%
Male householder, in labor force	4,264	4.1%
Male householder, not in labor force	1,074	1.0%
Female householder, in labor force	9,340	9.0%
Female householder, not in labor force	4,055	3.9%

Household Income in 1999

	Number	Percent
Total Households	144,291	100.0%
Less than \$10,000	11,473	8.0%
\$10,000 to \$19,999	18,308	12.7%
\$20,000 to \$29,999	21,103	14.6%
\$30,000 to \$39,999	19,664	13.6%
\$40,000 to \$49,999	18,261	12.7%
\$50,000 to \$59,999	15,584	10.8%
\$60,000 to \$74,999	16,309	11.3%
\$75,000 to \$99,999	13,679	9.5%
\$100,000 to \$149,999	7,066	4.9%
\$150,000 to \$199,999	1,241	0.9%
\$200,000 or more	1,603	1.1%
Median household income	\$40,849	

Population by Age

	Number	Percent
Total Population	383,926	100.0%
Under 6 years	31,540	8.2%
6 to 17 years	71,040	18.5%
18 to 24 years	36,794	9.6%
25 to 44 years	106,545	27.8%
45 to 64 years	84,743	22.1%
65 years and more	53,264	13.9%
Median Age	36.0	

Family Type by Presence of Own Children Under 18

	Number	Percent
Total Families	103,393	100.0%
Married-couple families with own children	38,219	37.0%
Male householder, no wife present, with own children	3,134	3.0%
Female householder, no husband present, with own children	8,487	8.2%
Families with no own children	53,553	51.8%

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

	Number	Percent
Total Families	103,393	100.0%
Family income above poverty level	96,771	93.6%
Family income below poverty level	6,622	6.4%
Married couple, with related children	1,428	21.6%
Male householder, no wife present, with related children	512	7.7%
Female householder, no husband present, with related children	3,072	46.4%
Families with no related children	1,610	24.3%

Ratio of Income in 1999 To Poverty Level

	Number	Percent
Population for whom poverty status is determined	371,248	100.0%
Below 50% of poverty level	14,038	3.8%
50% to 99% of poverty level	17,874	4.8%
100% to 149% of poverty level	26,597	7.2%
150% to 199% of poverty level	33,788	9.1%
200% of poverty level or more	278,951	75.1%

Residence in 1995

	Number	Percent
Population 5 years and over	357,788	100.0%
Same house in 1995	220,159	61.5%
Different house, same county	86,574	24.2%
Different county, same state	33,559	9.4%
Different state	15,499	4.3%
Puerto Rico or U.S. islands	82	0.0%
Foreign country	1,915	0.5%

Travel Time To Work

	Number	Percent
Workers 16 years and over	181,275	100.0%
Less than 15 minutes	78,470	43.3%
15 to 29 minutes	61,115	33.7%
30 to 44 minutes	22,947	12.7%
45 to 59 minutes	6,864	3.8%
60 minutes or more	6,346	3.5%
Worked at home	5,533	3.1%

Mean travel time 19.2 minutes

Housing Units

	Number	Percent
Total housing units	154,876	100.0%
Occupied housing units	144,199	93.1%
Owner occupied	110,032	71.0%
Renter occupied	34,167	22.1%
Vacant housing units	10,677	6.9%

Year Structure Built

	Number	Percent
Total housing units	154,876	100.0%
Built 1995 to March 2000	11,682	7.5%
Built 1990 to 1994	8,646	5.6%
Built 1980 to 1989	13,416	8.7%
Built 1970 to 1979	24,775	16.0%
Built 1960 to 1969	19,022	12.3%
Built 1950 to 1959	20,760	13.4%
Built 1940 to 1949	12,323	8.0%
Built 1939 or earlier	44,252	28.6%

Median year built 1969

Value for Specified Owner-Occupied Housing Units

	Number	Percent
Specified owner-occupied housing units	89,962	100.0%
Less than \$20,000	1,287	1.4%
\$20,000 to \$39,999	5,480	6.1%
\$40,000 to \$59,999	12,572	14.0%
\$60,000 to \$79,999	18,697	20.8%
\$80,000 to \$99,999	18,494	20.6%
\$100,000 to \$124,999	12,474	13.9%
\$125,000 to \$149,999	8,289	9.2%
\$150,000 to \$199,999	8,072	9.0%
\$200,000 to \$249,999	2,466	2.7%
\$250,000 to \$499,999	1,937	2.2%
\$500,000 to \$999,999	151	0.2%
\$1,000,000 or more	43	0.0%

Median value \$86,700

House Heating Fuel

	Number	Percent
Occupied housing units	144,199	100.0%
Utility gas	79,055	54.8%
Bottled, tank or LP gas	24,747	17.2%
Electricity	31,789	22.0%
Fuel oil, kerosene, etc	5,485	3.8%
Coal, coke or wood	2,368	1.6%
Solar energy or other fuel	573	0.4%
No fuel used	182	0.1%

Gross Rent

	Number	Percent
Specified renter-occupied housing units	33,300	100.0%
Less than \$100	497	1.5%
\$100 to \$199	1,605	4.8%
\$200 to \$299	2,652	8.0%
\$300 to \$399	6,512	19.6%
\$400 to \$499	8,485	25.5%
\$500 to \$599	5,704	17.1%
\$600 to \$699	2,790	8.4%
\$700 to \$799	1,111	3.3%
\$800 to \$899	495	1.5%
\$900 to \$999	386	1.2%
\$1,000 to \$1,499	418	1.3%
\$1,500 or more	264	0.8%
No cash rent	2,381	7.2%

Median gross rent \$447

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	57,974	100.0%
Less than \$400	2,685	4.6%
\$400 to \$599	10,943	18.9%
\$600 to \$799	15,258	26.3%
\$800 to \$999	12,419	21.4%
\$1,000 to \$1,249	8,772	15.1%
\$1,250 to \$1,499	4,052	7.0%
\$1,500 to \$1,999	2,756	4.8%
\$2,000 to \$2,999	880	1.5%
\$3,000 or more	209	0.4%

Median monthly owners cost \$801

Median monthly owners cost as a percentage of household income

Vital Statistics

	Number	Rate
Births / rate per 1,000 women aged 15-44	5,102	67.2
Teen births / rate per 1,000 females 15-17	147	17.4
Deaths / rate per 100,000 population	3,554	925.9
Marriages / rate per 1,000 population	2,487	6.5
Divorces / rate per 1,000 population	1,410	3.7

Migration

Agriculture

Land in farms (acres)	1,954,000
Number of farms	7,600
Average size (acres)	257
Total cash receipts	\$952,472,000
Per farm	\$124,833

Education

Public schools	190
Students (Average Daily Membership)	66,863
Expenditures per student	\$8,140
Student-teacher ratio	
Graduation rate	
Teachers (Full Time Equivalent)	4,105.1
Non-public schools	19
Students	4,276
4-year public universities	0
Branches	2
2-year public colleges	1
Private universities and colleges	5
Public libraries (Main / Branches)	20 / 31

Transportation

Registered motor vehicles	462,825
Passenger cars	280,968
Noncommercial trucks	76,811
Total license revenue	\$12,715,528.20
Interstate highway miles	60.93
Turnpike miles	0.00
U.S. highway miles	316.27
State highway miles	1,191.36
Commercial airports	13

Voting

Number of precincts	408
Number of registered voters	258,135
Voted in 2006 election	142,075
Percent turnout	55.0%

Health Care

Physicians (MDs & DOs)	599
Registered hospitals	10
Number of beds	1,386
Licensed nursing homes	44
Number of beds	3,526
Licensed residential care	36
Number of beds	2,017
Adults with employer-based insurance	65.6%
Children with employer-based insurance	72.6%

State Parks, Forests, Nature Preserves, And Wildlife Areas

Facilities	24
Acreage	16,689.29

Communications

Television stations	5
Radio stations	25
Daily newspapers	8
Circulation	100,124

Crime

Total crimes reported in Uniform Crime Report	9,294
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Finance

FDIC insured financial institutions (HQs)	18
Assets	\$2,857,141,000
Branch offices	161
Institutions represented	37

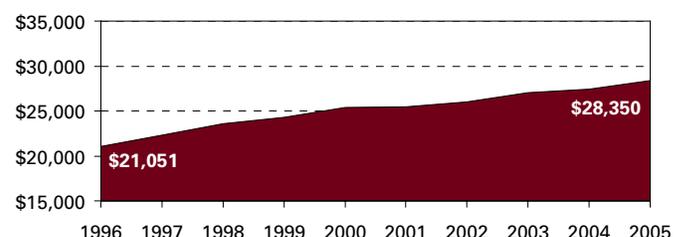
Transfer Payments

Total transfer payments	\$1,843,401,000
Payments to individuals	\$1,739,904,000
Retirement and disability	\$838,898,000
Medical payments	\$690,660,000
Income maintenance (Supplemental SSI, family assistance, food stamps, etc)	\$132,385,000
Unemployment benefits	\$32,744,000
Veterans benefits	\$27,879,000
Federal education and training assistance	\$16,307,000
Other payments to individuals	\$1,031,000
Total personal income	\$10,869,718,000
Dependency ratio	17.0%

Federal Expenditures

Direct expenditures or obligations	\$1,754,107,579
Retirement and disability	\$823,183,647
Other direct payments	\$457,150,211
Grant awards	\$317,378,064
Highway planning and construction	\$38,230,862
Temporary assistance to needy families	\$25,568,240
Medical assistance program	\$157,890,396
Procurement contract awards	\$85,376,778
Dept. of Defense	\$64,032,062
Salary and wages	\$71,018,879
Dept. of Defense	\$9,590,000
Other federal assistance	\$614,605,159
Direct loans	\$44,307,455
Guaranteed loans	\$115,910,397
Insurance	\$454,387,307

Per Capita Personal Income



Civilian Labor Force

	2002	2003	2004	2005	2006
Civilian labor force	197,400	197,000	199,300	202,300	204,900
Employed	186,600	185,500	187,900	191,800	194,800
Unemployed	10,800	11,500	11,400	10,500	10,100
Unemployment rate	5.5	5.8	5.7	5.2	4.9

Employment and Wages by Sector

NAICS Industrial Sector	Average Annual Employment		Total Wages (in thousands of dollars)	
	2004	2005	2004	2005
Total covered under Ohio UC Law	166,415	169,006	\$5,219,275	\$5,429,721
Private Sector	145,418	148,231	\$4,560,917	\$4,772,120
Agriculture, forestry, fishing and hunting	142	207	\$2,756	\$4,892
Mining	70	75	\$2,430	\$2,897
Utilities	336	337	\$19,116	\$20,569
Construction	6,957	5,834	\$231,356	\$198,874
Manufacturing	43,390	44,801	\$1,861,740	\$1,946,675
Wholesale trade	5,008	4,992	\$194,182	\$202,548
Retail trade	21,254	21,858	\$425,132	\$438,731
Transportation and warehousing	3,798	4,443	\$137,265	\$165,328
Information	1,919	1,856	\$62,468	\$58,537
Finance and insurance	4,256	4,115	\$156,146	\$154,952
Real estate and rental and leasing	1,293	1,398	\$29,366	\$33,849
Professional and technical services	2,376	2,785	\$79,049	\$105,318
Management of companies and enterprises	574	877	\$25,199	\$38,917
Administrative and waste services	6,722	6,384	\$148,279	\$149,612
Educational services	2,108	2,187	\$56,021	\$57,695
Health care and social assistance	18,474	18,353	\$590,216	\$605,780
Arts, entertainment, and recreation	1,583	1,508	\$17,879	\$16,500
Accommodation and food services	12,671	12,763	\$125,409	\$125,240
Other services, except public administration	5,819	5,838	\$104,978	\$103,714
State and Local Government	20,998	20,773	\$658,358	\$657,601
State government	1,989	1,742	\$84,732	\$76,070
Local government	19,009	19,031	\$573,627	\$581,531
Federal Government	1,095	1,093	\$49,630	\$48,979

-1 or \$0 indicates suppression for confidentiality

Business Numbers

	2002	2003	2004	2005	2006
Business starts	623	699	545	540	640
Active businesses	8,296	8,332	8,319	8,341	8,297

Residential

Construction

	2002	2003	2004	2005	2006
Total units	1,087	1,145	2,041	1,887	1,568
Total valuation (000)	\$153,322	\$171,364	\$294,714	\$275,711	\$231,973
Total single-unit bldgs	1,008	1,012	1,957	1,772	1,478
Average cost per unit	\$146,773	\$158,719	\$146,900	\$150,456	\$152,635
Total multi-unit bldg units	79	133	84	115	90
Average cost per unit	\$68,037	\$80,752	\$86,084	\$79,163	\$70,878

Major Employers

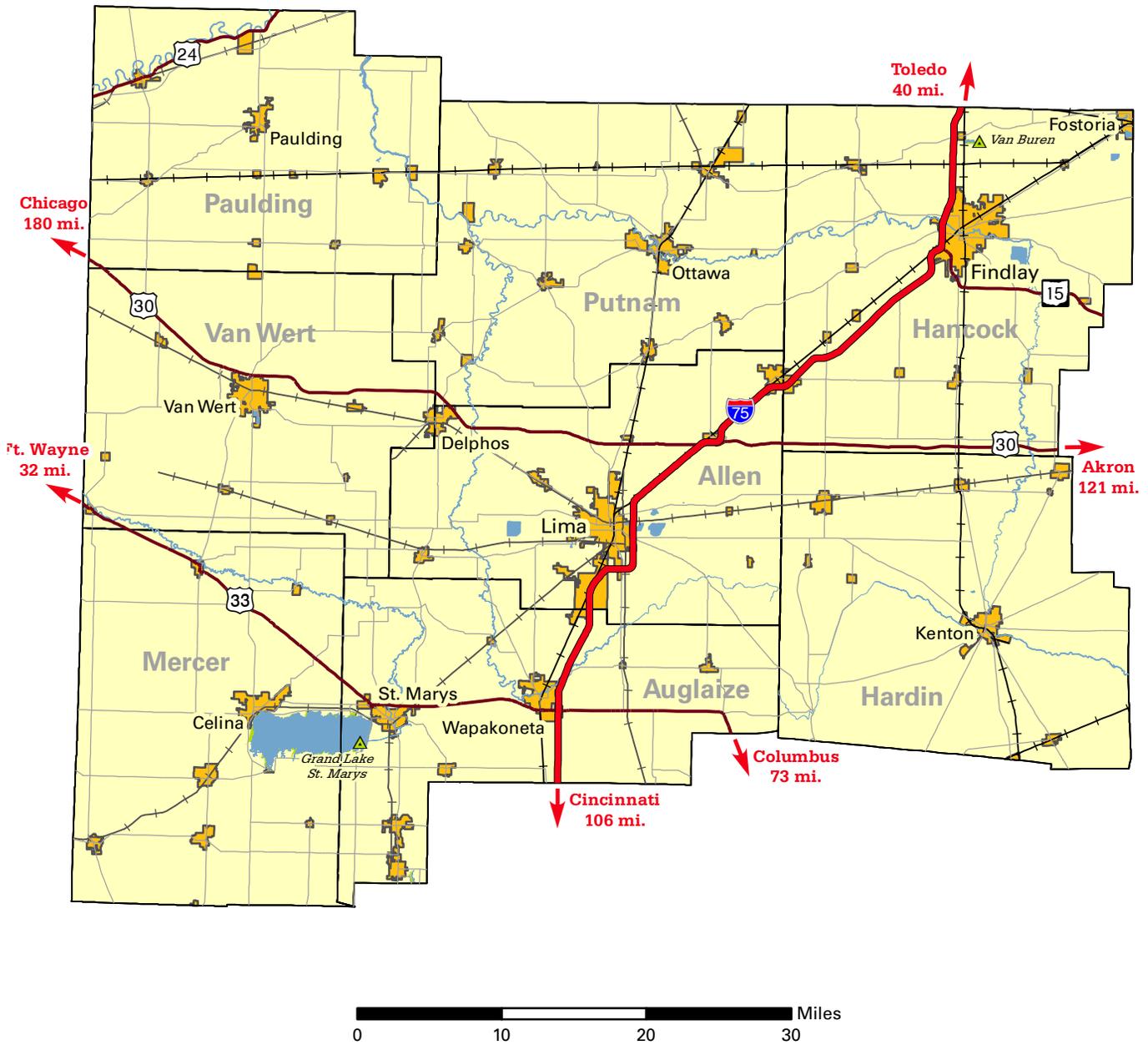
Celina Aluminum Precision Technology	Mfg
Cooper Farms Inc	Mfg
Cooper Tire & Rubber Co	Mfg
Consolidated Biscuit Co	Mfg
Crown Equipment Corp	Mfg
Danone Group/Dannon Co	Mfg
Eaton Corp	Mfg
EDP Inc/Goodyear Tire & Rubber Co	Mfg
Ford Motor Co	Mfg
General Dynamics Corp	Mfg
Husky Energy Inc	Mfg
Marathon Petroleum Co LLC	Trade
Procter & Gamble Co	Mfg
Whirlpool Corp	Mfg

Region 3

West Central Ohio



Department of
Development



Perry Building
545 W. Market St., Suite 305
Lima, OH 45801-4717
Phone: (419) 229-5320
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Population (2006): 383,420
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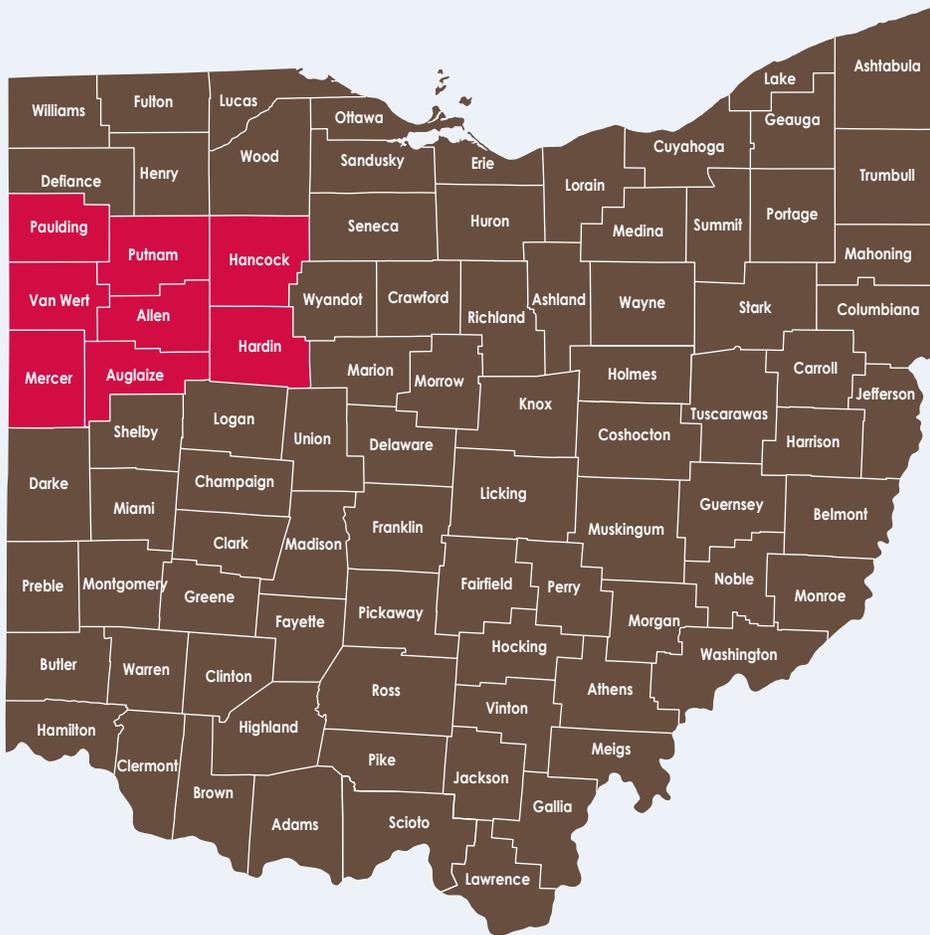
2007 Ohio Private Investment List

Region	County	Company	City	NAICS	Product	Type	Jobs	Investment	Square Feet	New	Exp
3	Allen	Lima Memorial Health System	Lima	62211	Hospital	Health		\$30,000,000			Exp
3	Allen	Country Inn & Suites	Lima	72111	Hotel	HO		\$3,000,000	42,000	New	
3	Allen	Marriott Courtyard	Perry Twp	72111	Hotel	HO		\$10,000,000		New	
3	Allen	General Dynamics	Lima	336992	Military vehicles	MF	400	\$26,500,000	47,000		Exp
3	Allen	Wannemacher Enterprises	Lima	48411	Trucking	DW	10	\$7,500,000	160,000		Exp
3	Allen	GI Physicians	Lima	621111	Medical office	Health	20	\$2,000,000	8,300	New	
3	Allen	Heart Institute of NW Ohio	Lima	621111	Medical office	Health	30	\$8,000,000	50,000	New	
3	Allen	Plus Management Services	Lima	62311	Nursing home	Health		\$5,700,000			Exp
3	Allen	University of Northwestern Ohio	Lima	61131	University	Education		\$9,400,000			Exp
3	Allen	Wright Distribution Centers	Lima	49311	Warehousing	DW	27	\$7,000,000			Exp
3	Allen	Microtel Inn	Delphos	72111	Hotel	HO		\$3,100,000		New	
3	Allen	Macomb Group	Lima	49311	Warehousing	DW	20	\$1,350,000		New	
3	Allen	Charles River Laboratories	Spencerville	325998	Chemicals	MF/R&D	80	\$16,000,000	57,000		Exp
3	Auglaize	American Trim	Wapakoneta	332116	Metal stamping	MF	30	\$3,000,000			Exp
3	Auglaize	Joint Township District Hospital	Wapakoneta	62211	Hospital	Health		\$1,500,000	10,000		Exp
3	Auglaize	Crown Equipment	New Bremen	333924	Fork lifts	MF		\$3,000,000			Exp
3	Auglaize	Dannon Co	Minster	311514	Yogurt	MF/F		\$2,000,000			Exp
3	Auglaize	General Aluminum Manufacturing Co	Wapakoneta	331521	Die casting	MF	51				Exp
3	Hancock	Ball Metal Corp	Findlay	332331	Aluminum cans	MF		\$40,000,000			Exp
3	Hancock	Owens Community College	Findlay	62211	Wellness center	Health		\$4,200,000	24,600		Exp
3	Hancock	Guardian Glass	Findlay	327211	Auto glass	MF	10	\$2,100,000	80,000		Exp
3	Hancock	JK-CO LLC	Findlay	48821	Rail services	MF	25	\$1,500,000	18,500		Exp
3	Hancock	Bilrite Industries	Findlay	325212	Rubber compounding	MF	15	\$8,750,000	10,000		Exp
3	Hancock	GSW Manufacturing	Findlay	336322	Auto wiring products	MF/F	50	\$1,000,000			Exp
3	Hancock	Nissin Brake Ohio	Findlay	33634	Vehicle brake systems	MF/F	50	\$50,000,000	40,000		Exp
3	Hancock	Blanchard Valley Health System	Findlay	62211	Hospital	Health	10	\$5,500,000	38,000		Exp
3	Hardin	Ohio Northern University	Ada	61131	Natural science	R&D		\$19,000,000	95,000	New	
3	Mercer	Cooper Farms	Ft Recovery	311615	Meat processing	MF	10	\$1,500,000	11,000		Exp
3	Mercer	Mercer Landmark	Rockford	42451	Soybean processing	MF	4	\$2,800,000			Exp
3	Mercer	Celina Hospitality	Celina	72111	Hotel	HO	21	\$2,900,000		New	
3	Putnam	Nelson Manufacturing	Blanchard Twp	333934	Industrial trailers	MF	16	\$5,900,000	54,000		Exp
3	Putnam	Silgan Plastics	Ottawa	32616	Plastic bottles	MF	5	\$7,000,000			Exp
3	Putnam	Pandora Manufacturing Co	Pandora	339999	Liquid packaging	MF		\$4,500,000			Exp
3	Putnam	Hirzel Canning Co	Ottawa			MF	5	\$8,400,000	55,000		Exp
3	Van Wert	Golden Heritage Foods	Van Wert	31999	Honey	MF	20	\$6,100,000	32,000	New	
3	Van Wert	Bunge North America	Delphos	311222	Soybean products	MF		\$5,000,000			Exp
Region 3	Totals		36				909	\$315,200,000	832,400		

Workforce Analysis

West Central Ohio

Economic Development Region 3



Allen, Auglaize, Hancock, Hardin, Mercer, Paulding, Putnam and Van Wert Counties

Workforce Analysis
Economic Development Region 3



October
2007

Workforce Analysis Economic Development Region 3 West Central Ohio

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Executive Summary

- This EDR is centered around the Lima Metropolitan Statistical Area (MSA). Over 7,000 workers in net commute outside the region to work.
- Total population was 383,000 in 2006, about the same as in 1995. In general, West Central Ohio is younger than the state as a whole.
- Total employment is down 1.9 percent since 2000, but the region has been gaining employment the last three years.
- The 2006 unemployment rate was 4.9 percent, a drop of 0.9 percentage point from 2003.
- Per capita income has risen at a 3.5 percent annual compound rate from 1995 to 2005 to \$28,350.
- Residential construction activity has fallen significantly after a building boom in 2004. Average valuations were very similar to those for Ohio and the nation.
- Employment is expected to grow 6.3 percent from 2004 to 2014. Education and health services; professional and business services; and retail trade are expected to have the most growth.
- Occupations in healthcare, sales, food preparation and education are projected to show strong growth.
- This region has a larger proportion of adults with at least a high school diploma than the rest of Ohio but a smaller number of postsecondary degree holders.
- West Central Ohio has 12 postsecondary training institutions offering about 600 different programs. About 4,700 degrees and certificates were awarded in 2006.
- Reading comprehension, active listening and critical thinking will be the most strongly-demanded skills in the workplace through 2014.

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.¹ 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.

While the West Central EDR contains the Lima MSA at its center, this region is mostly a rural one. Allen and Hancock Counties are the only two counties in this area with positive commuter flows, not surprising since these are the two most urbanized counties in the region. In total, over 7,000 workers commute outside the area in net. This total excludes commuting between counties within the region. 13.4 percent of employed residents have to leave the area to work.

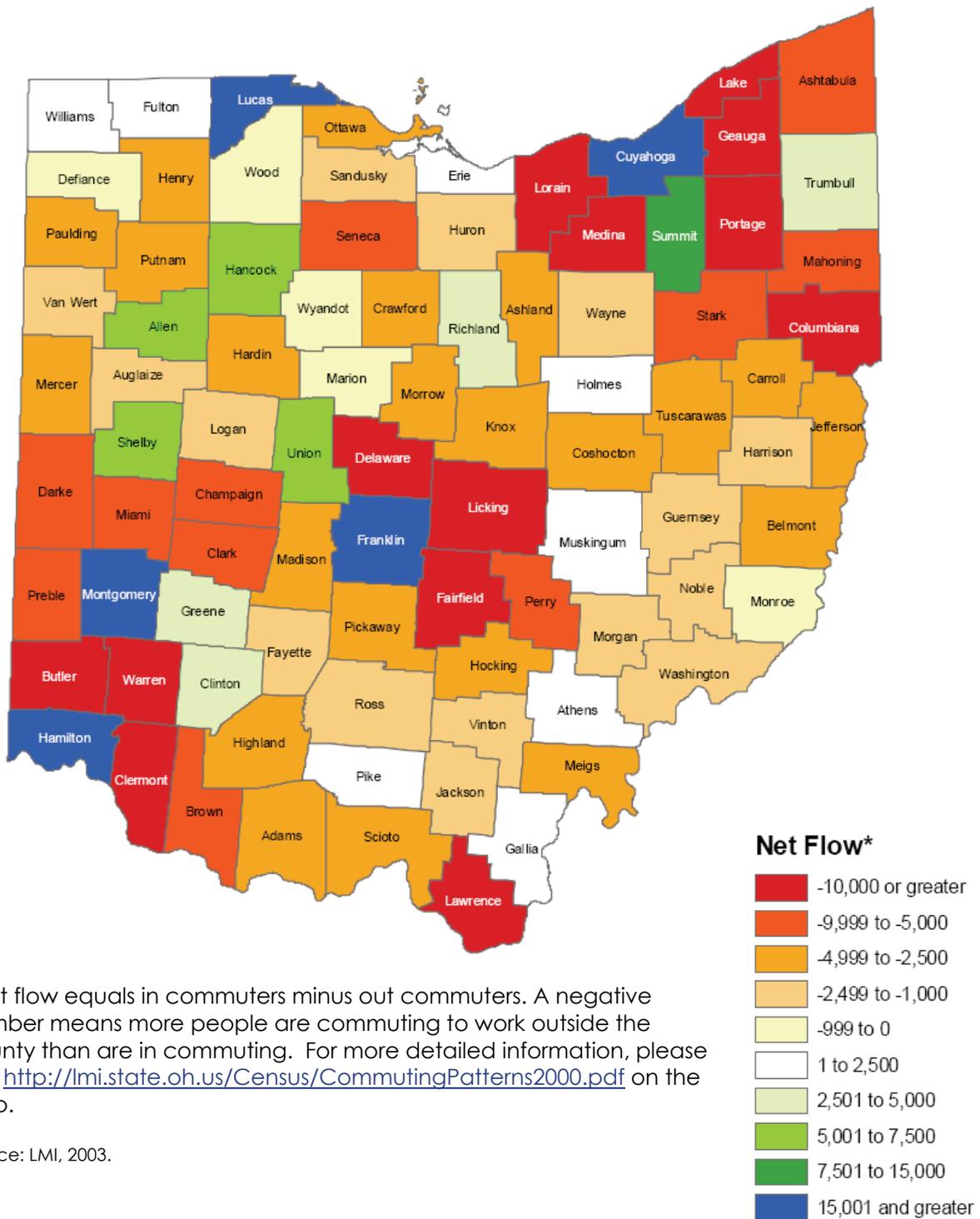
Figure 1: Regional Commuting Patterns

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
Allen	54,177	14,479	26.7%	47,096	7,398	15.7%	7,081	32.4%
Auglaize	21,159	7,029	33.2%	23,282	9,152	39.3%	-2,123	-13.1%
Hancock	41,331	12,174	29.5%	35,845	6,688	18.7%	5,486	29.1%
Hardin	11,044	2,164	19.6%	14,390	5,510	38.3%	-3,346	-43.6%
Mercer	15,850	2,840	17.9%	19,742	6,732	34.1%	-3,892	-40.7%
Paulding	5,752	1,216	21.1%	9,640	5,104	52.9%	-3,888	-61.5%
Putnam	12,059	2,393	19.8%	16,905	7,239	42.8%	-4,846	-50.3%
Van Wert	12,653	3,234	25.6%	14,375	4,956	34.5%	-1,722	-21.0%
West Central Ohio	174,025	16,958	9.7%	181,275	24,217	13.4%	-7,259	-17.6%

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.

¹ Goldstein, 2005 (p. 1).

Figure 2: Net Flow of Ohio Commuters



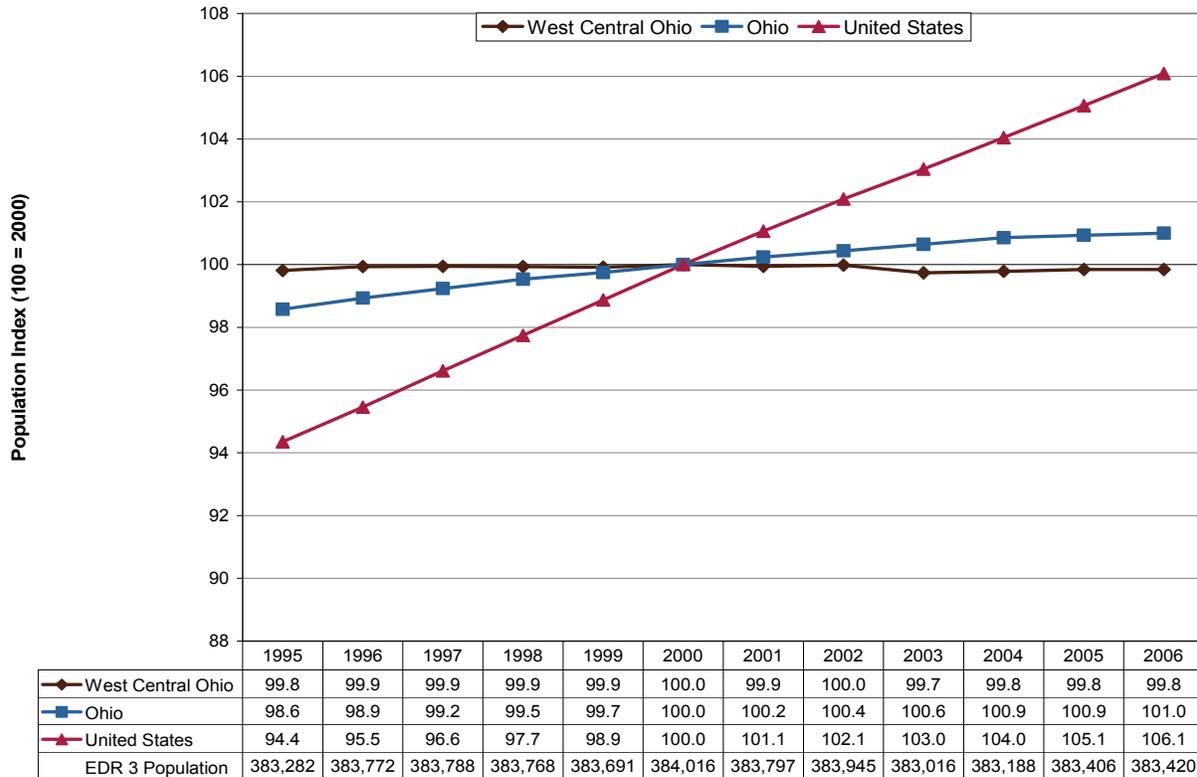
*Net flow equals in commuters minus out commuters. A negative number means more people are commuting to work outside the county than are in commuting. For more detailed information, please visit <http://lmi.state.oh.us/Census/CommutingPatterns2000.pdf> on the web.

Source: LMI, 2003.

II. Economic Indicators

Population Trends. Total population in West Central Ohio in 2006 was approximately 383,000, about the same as in 1995. Population only fluctuated by a few hundred residents throughout the period of analysis. For comparison, Ohio's population rose by 2.5 percent while national population rose by 12.4 percent during the same period.

Figure 3: Population Trends, 1995-2006



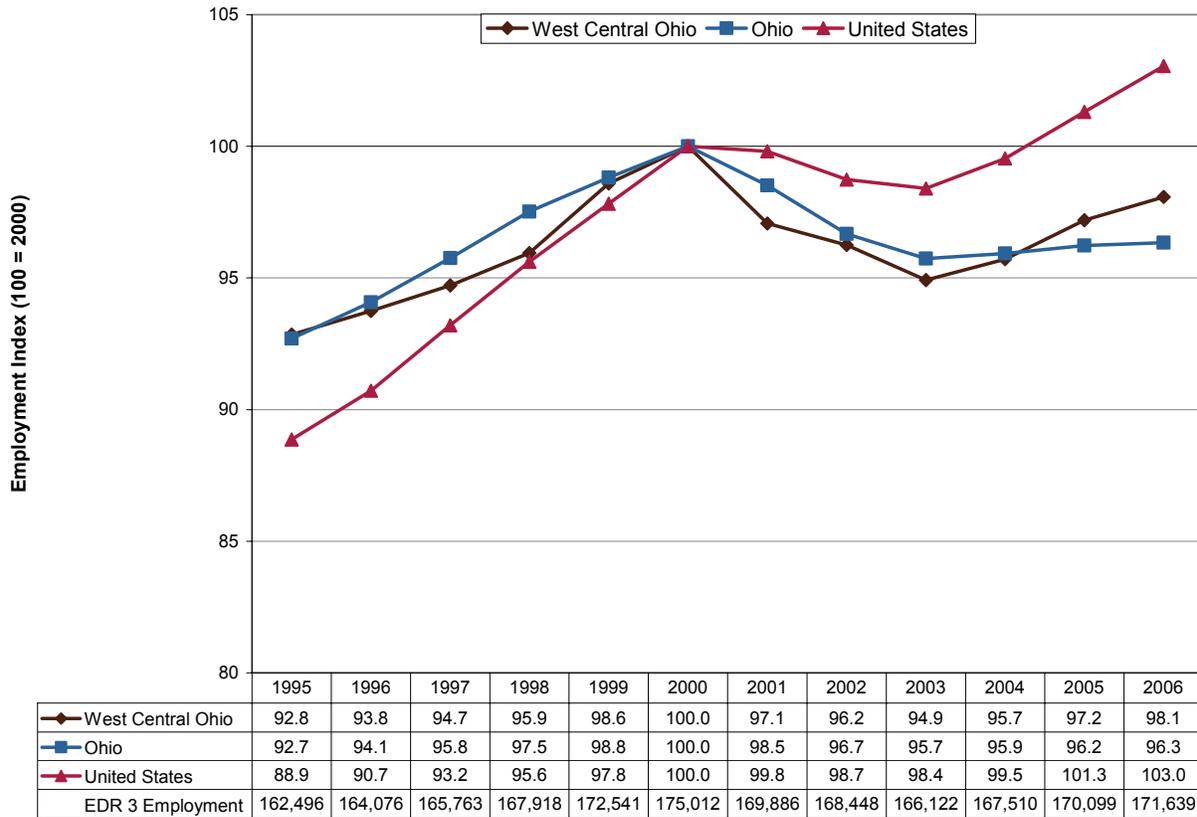
Demographic Traits. Population estimates from 2006, shown in Figure 4, reveal differences between this EDR and the rest of the state and nation. West Central Ohio has a larger segment of the population younger than 25: 34.6 percent, compared with only 33.7 percent statewide. The area also has a larger proportion older than 65 and a smaller working-age population between 25 and 54.

Figure 4: Demographic Characteristics, 2006

	United States		Ohio		West Central Ohio	
Total	299,238,484	100.0%	11,478,006	100.0%	383,420	100.0%
Under 5	20,417,636	6.8%	734,735	6.4%	24,801	6.5%
5 to 14	40,337,284	13.5%	1,534,571	13.4%	52,474	13.7%
15 to 24	42,435,426	14.2%	1,597,458	13.9%	56,060	14.6%
25 to 34	40,415,979	13.5%	1,459,394	12.7%	47,611	12.4%
35 to 44	43,666,950	14.6%	1,621,662	14.1%	50,210	13.1%
45 to 54	43,278,174	14.5%	1,738,480	15.1%	57,153	14.9%
55 to 64	31,586,683	10.6%	1,259,712	11.0%	41,117	10.7%
65 and older	37,260,352	12.5%	1,531,994	13.3%	53,994	14.1%

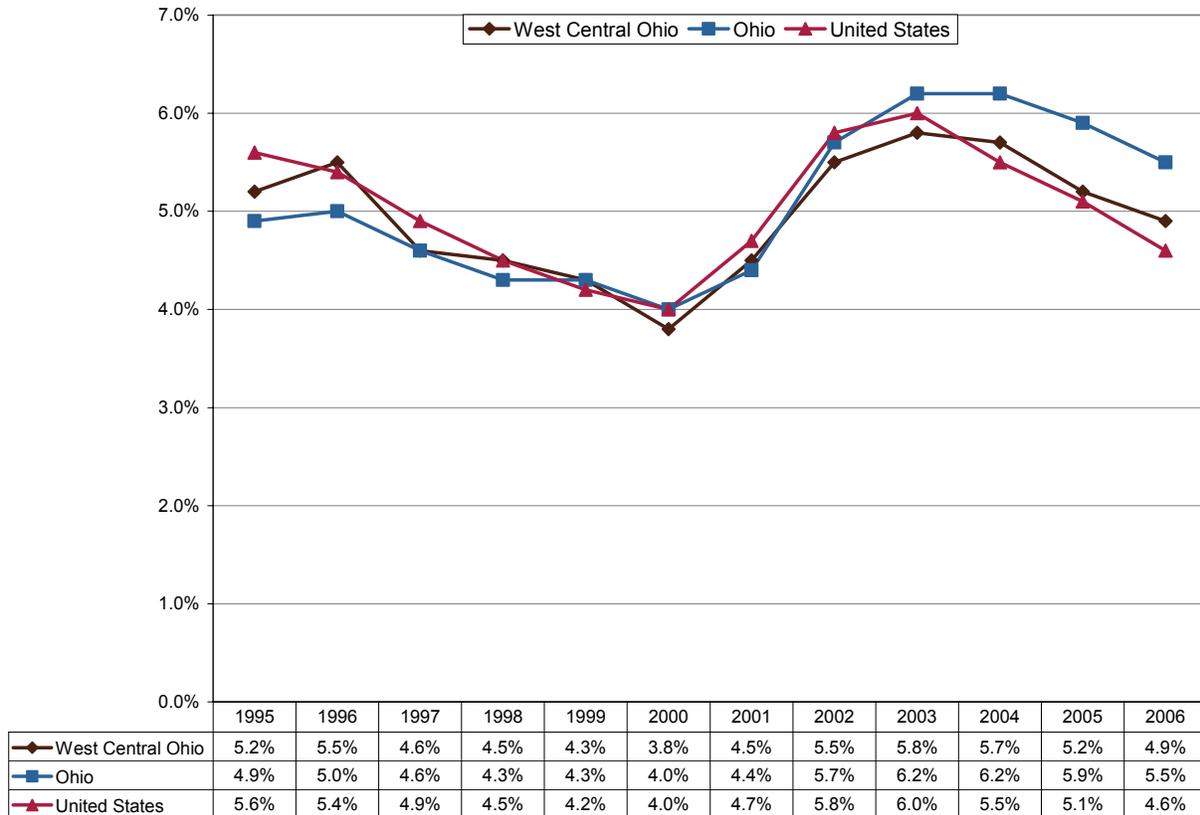
Employment Trends. Total payroll employment in 2006 was about 171,600, a decline of 1.9 percent from 2000. The region has begun recovery from the 2001 recession, adding about 5,500 jobs since 2003 (3.3%). For comparison, Ohio has lost 3.7 percent of its jobs since the 2001 recession. Nationally, employment has recovered fully with a 3.0 percent gain.

Figure 5: Nonfarm Employment Trends, 1995-2006



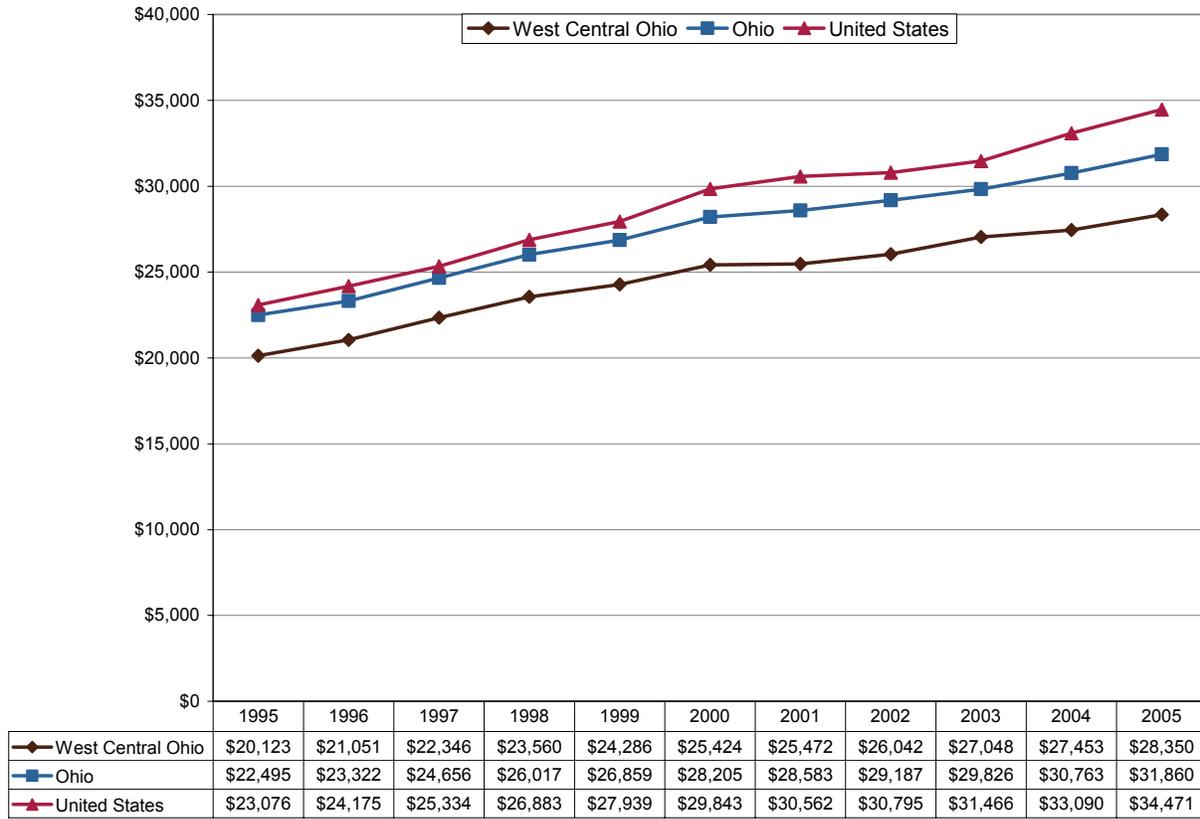
Unemployment Rate Trends. The unemployed are those in the non-institutional population 16 years or older who were not employed during the reference week but were actively seeking work, waiting to be called back to a job after a layoff, or waiting to report within 30 days to a new job. In the most recent economic cycle, unemployment rates for West Central Ohio have generally been lower than statewide rates. The 2006 unemployment rate for this region was 4.9 percent, compared with 5.5 percent in Ohio and 4.6 percent nationwide. The unemployment rate has fallen 0.9 percentage point from its peak in 2003.

Figure 6: Unemployment Trends, 1995-2006



Per Capita Income Trends. Income levels in rural areas such as this tend to be lower than those in more urban areas and West Central Ohio, being mostly rural, had lower per capita income levels than the rest of the state and nation throughout the period of analysis. Per capita income in 2005 was \$28,350, compared with \$31,860 in Ohio and \$34,471 in the U.S. Income in this region grew at approximately the same annual compound rate as it did statewide: 3.5 percent from 1995 to 2005.

Figure 7: Per Capita Income, 1995-2005



Residential Construction Permit Trends. Residential construction activity has fallen in the last two years following a building boom in 2004. There were nearly 1,600 permits granted in West Central Ohio in 2006. Average valuations were very similar to valuations across Ohio and the United States.

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

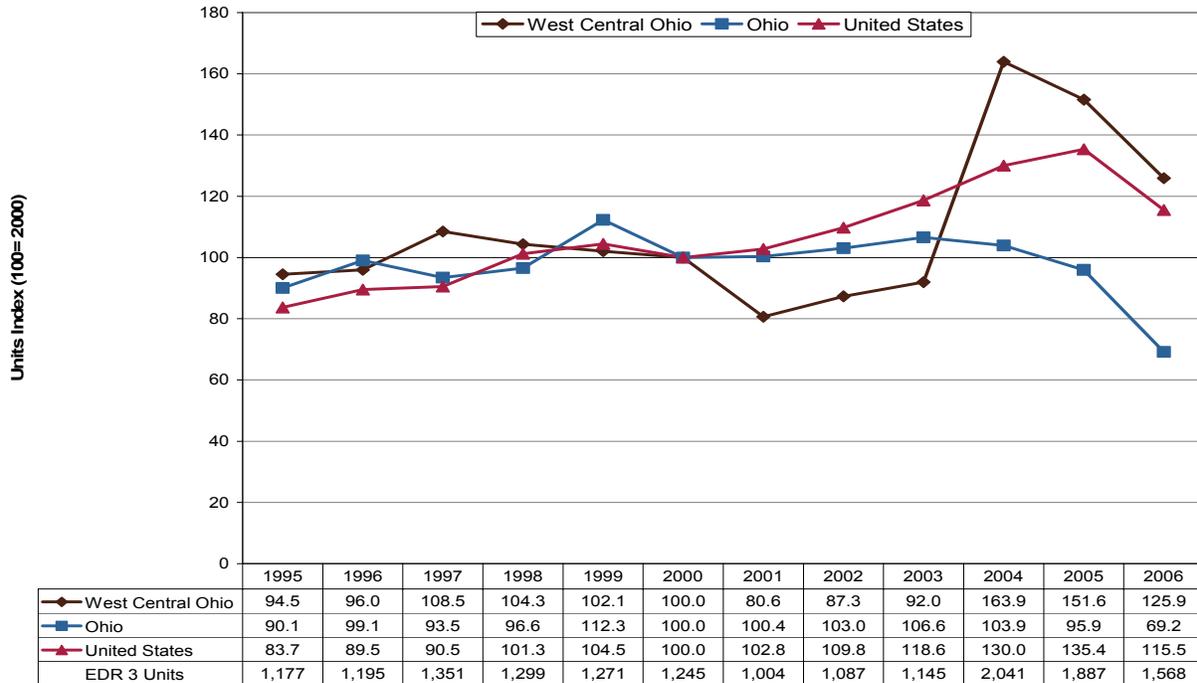
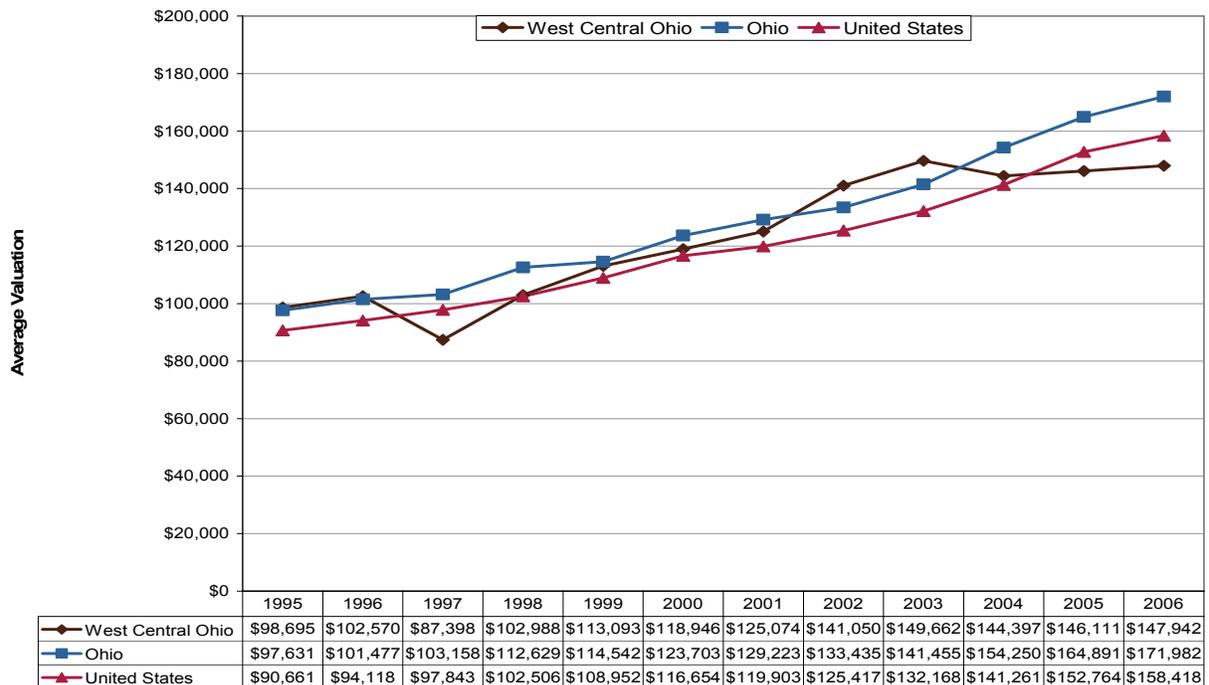


Figure 9: Valuation of New Residential Building Permits, 1995-2006



III. Employment Projections to 2014

Projections by Industry Sector. Figure 10 below shows projections from the Job Outlook to 2014 for West Central Ohio. As of 2004, 32.1 percent of employment was in goods-producing industries such as manufacturing, much higher than statewide (19.9%). The remaining 67.9 percent of employment was in service-providing industries such as retail or healthcare.

Between 2004 and 2014, total employment is expected to grow by 12,000 jobs in West Central Ohio (6.3%) to 201,400 workers. The majority of the job growth will be in service-providing industries; goods-producing employment is expected to fall 4.9 percent during this period. The most new jobs are expected in education and health services, which includes hospitals, clinics and private schools (4,100 jobs, 18.4%). The fastest growth is projected in professional and business services (23.1%). Retail trade (9.4%) and local government (9.7%) are also expected to provide a substantial number of new jobs. Construction is the only goods-producing industry projected to add jobs, and then only about 400 (5.7%). Manufacturing will have the greatest employment losses, shedding 2,100 positions (-4.8%).

Figure 10: West Central Ohio Projections to 2014 by Industry Sector

Industry Sector	2004 Annual Employment	2014 Projected Employment	Change in Employment 2004-2014	Percent Change 2004-2014
Total Employment	189,400	201,400	12,000	6.3%
Goods-Producing	60,800	57,800	-3,000	-4.9%
Natural Resources and Mining	10,400	9,200	-1,200	-11.5%
Construction	7,000	7,400	400	5.7%
Manufacturing	43,400	41,300	-2,100	-4.8%
Service-Providing	116,700	131,500	14,800	12.7%
Trade, Transportation and Utilities	32,100	35,500	3,400	10.6%
Retail Trade	21,300	23,300	2,000	9.4%
Information	1,900	2,000	100	5.3%
Financial Activities	5,900	6,500	600	10.2%
Finance and Insurance	4,600	5,000	400	8.7%
Real Estate and Rental and Leasing	1,300	1,600	300	23.1%
Professional and Business Services	10,300	12,800	2,500	24.3%
Education and Health Services	22,300	26,400	4,100	18.4%
Leisure and Hospitality	14,600	16,200	1,600	11.0%
Other Services	8,000	8,900	900	11.3%
Government	21,600	23,200	1,600	7.4%
Federal Government	1,100	1,000	-100	-9.1%
State Government	2,000	1,900	-100	-5.0%
Local Government	18,500	20,300	1,800	9.7%
Self-Employed, Private Household and Unpaid Family Workers	11,900	12,000	100	0.8%

Projections by Occupational Group. Figure 11 below breaks down projected changes in employment by major occupational group. In 2004, the largest occupational groups in West Central Ohio were production; office and administrative; and sales and related occupations.

On average, there will be about 5,722 job openings per year in this region. Healthcare occupations are projected to have the greatest employment growth through 2014, adding about 3,200 jobs (22.3%). Other fast-growing groups include education, training and library (12.0%); sales and related (9.8%); and food preparation and serving occupations (9.8%).

Note that although production occupations, which are typically strongly tied with manufacturing employment, are projected to lose the greatest number of jobs during this period, it also had the largest number of average annual openings of any occupational group. On average, three out of every four openings are for replacement hires and not new positions.

Figure 11: West Central Ohio Projections to 2014 by Occupational Group

Occupational Group	2004 Annual Empl.	2014 Proj. Empl.	Change in Employment		Avg. Ann. Openings
			2004-2014	Percent	
Total, All Occupations	189,400	201,400	12,000	6.3%	5,722
Management Occupations	14,800	14,720	-80	-0.5%	185
Business and Financial Operations Occupations	5,250	6,010	760	14.5%	173
Computer and Mathematical Occupations	1,300	1,440	140	10.8%	33
Architecture and Engineering Occupations	3,400	3,470	70	2.1%	94
Life, Physical, and Social Science Occupations	700	740	40	5.7%	20
Community and Social Services Occupations	2,440	2,670	230	9.4%	69
Legal Occupations	470	510	40	8.5%	10
Education, Training, and Library Occupations	10,220	11,450	1,230	12.0%	349
Arts, Design, Entertainment, Sports, & Media Occ.	1,960	2,130	170	8.7%	54
Healthcare Occupations, total	14,410	17,630	3,220	22.3%	578
Protective Service Occupations	2,980	3,060	80	2.7%	97
Food Preparation and Serving Related Occupations	15,300	16,800	1,500	9.8%	741
Building & Grounds Cleaning & Maintenance Occup.	5,690	6,410	720	12.7%	186
Personal Care and Service Occupations	4,410	4,960	550	12.5%	160
Sales and Related Occupations	17,620	19,350	1,730	9.8%	775
Office and Administrative Support Occupations	23,670	24,190	520	2.2%	607
Farming, Fishing, and Forestry Occupations	1,020	1,030	10	1.0%	29
Construction and Extraction Occupations	8,590	9,030	440	5.1%	205
Installation, Maintenance, and Repair Occupations	7,980	8,440	460	5.8%	230
Production Occupations	30,770	29,650	-1,120	-3.6%	753
Transportation and Material Moving Occupations	16,410	17,680	1,270	7.7%	492

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 ten average annual openings. There are about 80 such occupations identified for West Central Ohio. Figure 12 shows these high prospect occupations arranged by required education and training.

Figure 12: High Prospect Occupations in West Central Ohio

Code	Occupational Title**	Employment		Change in Employment		Avg. Ann. Openings	2006 Avg. Wage*
		2004 Annual	2014 Projected	2004 - 2014	Percent		
Occupations Requiring Short-Term On-the-Job Training (up to one month)							
43-3011	Bill and Account Collectors	320	370	50	15.6%	11	\$13.74
43-4111	Interviewers, except Eligibility and Loan	270	330	60	22.2%	13	\$12.81
43-5052	Postal Service Mail Carriers	470	440	-30	-6.4%	15	\$21.41
43-5061	Production, Planning, and Expediting Clerks	560	560	0	0.0%	14	\$18.44
43-5071	Shipping, Receiving, and Traffic Clerks	820	810	-10	-1.2%	17	\$13.29
51-9111	Packaging & Filling Machine Operators/Tenders	730	700	-30	-4.1%	15	\$14.04
51-9198	Helpers--Production Workers	1,220	1,250	30	2.5%	37	\$12.47
53-3033	Truck Drivers, Light or Delivery Services	1,210	1,360	150	12.4%	26	\$13.04
53-7051	Industrial Truck and Tractor Operators	1,370	1,380	10	0.7%	27	\$14.24
Occupations Requiring Moderate-Term On-the-Job Training (one to twelve months combined experience/training)							
29-2052	Pharmacy Technicians	340	410	70	20.6%	11	\$13.66
31-9091	Dental Assistants	310	410	100	32.3%	19	\$14.19
41-4012	Sales Rep., Wholesale/Mfg, ex. Tech./Sci. Prod.	1,270	1,440	170	13.4%	50	\$25.71
43-3021	Billing & Posting Clerks & Machine Operators	810	820	10	1.2%	15	\$13.30
43-3031	Bookkeeping, Accounting, and Auditing Clerks	2,550	2,610	60	2.4%	54	\$13.09
43-4051	Customer Service Representatives	1,830	2,150	320	17.5%	59	\$13.97
43-6011	Executive Secretaries & Administrative Assistants	1,250	1,310	60	4.8%	30	\$17.02
43-6014	Secretaries, except Legal, Medical & Executive	2,340	2,220	-120	-5.1%	45	\$12.20
45-2091	Agricultural Equipment Operators	440	420	-20	-4.5%	13	\$13.16
47-2051	Cement Masons and Concrete Finishers	350	380	30	8.6%	10	\$18.93
47-2061	Construction Laborers	1,460	1,460	0	0.0%	19	\$15.51
47-2073	Operating Engineers & Other Con. Equip. Op.	430	450	20	4.7%	13	\$20.66
47-4051	Highway Maintenance Workers	490	540	50	10.2%	12	\$15.72
49-9042	Maintenance and Repair Workers, General	2,160	2,290	130	6.0%	55	\$16.47
51-2092	Team Assemblers	6,700	6,550	-150	-2.2%	173	\$14.29
51-4021	Extruding & Drawing Machine Setters, O/T, M/P	340	270	-70	-20.6%	11	\$13.91
51-4031	Cutting/Punching/Press Machine S/O/T, M/P	1,530	1,160	-370	-24.2%	35	\$13.67
51-4033	Grind/Lapping/Polish/Buf Mach.Tool S/O/T, M/P	580	530	-50	-8.6%	11	\$14.93
51-4072	Molding/Coremaking/Casting Mach. S/O/T, M/P	460	400	-60	-13.0%	11	\$13.55
51-4081	Multiple Machine Tool Setters, O/T, M/P	740	710	-30	-4.1%	20	\$17.59
51-9023	Mixing/Blending Mach. Setter/Operator/Tenders	540	540	0	0.0%	14	\$15.90
51-9061	Inspectors/Testers/Sorters/Samplers/Weighers	1,660	1,560	-100	-6.0%	38	\$16.81
51-9121	Coating/Painting/Spraying Machine Setters, O/T	450	430	-20	-4.4%	12	\$13.73
53-3032	Truck Drivers, Heavy and Tractor-Trailer	3,340	3,710	370	11.1%	92	\$18.03
Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training)							
27-2022	Coaches and Scouts†	300	340	40	13.3%	10	\$31,922
33-2011	Fire Fighters	610	710	100	16.4%	28	\$16.55
33-3051	Police and Sheriff's Patrol Officers	880	950	70	8.0%	30	\$20.96
47-2031	Carpenters	1,710	1,880	170	9.9%	45	\$15.50
47-2111	Electricians	670	700	30	4.5%	16	\$21.96
47-2152	Plumbers, Pipefitters and Steamfitters	460	480	20	4.3%	13	\$21.99
49-9041	Industrial Machinery Mechanics	580	570	-10	-1.7%	12	\$21.90
51-4041	Machinists	990	990	0	0.0%	23	\$16.27

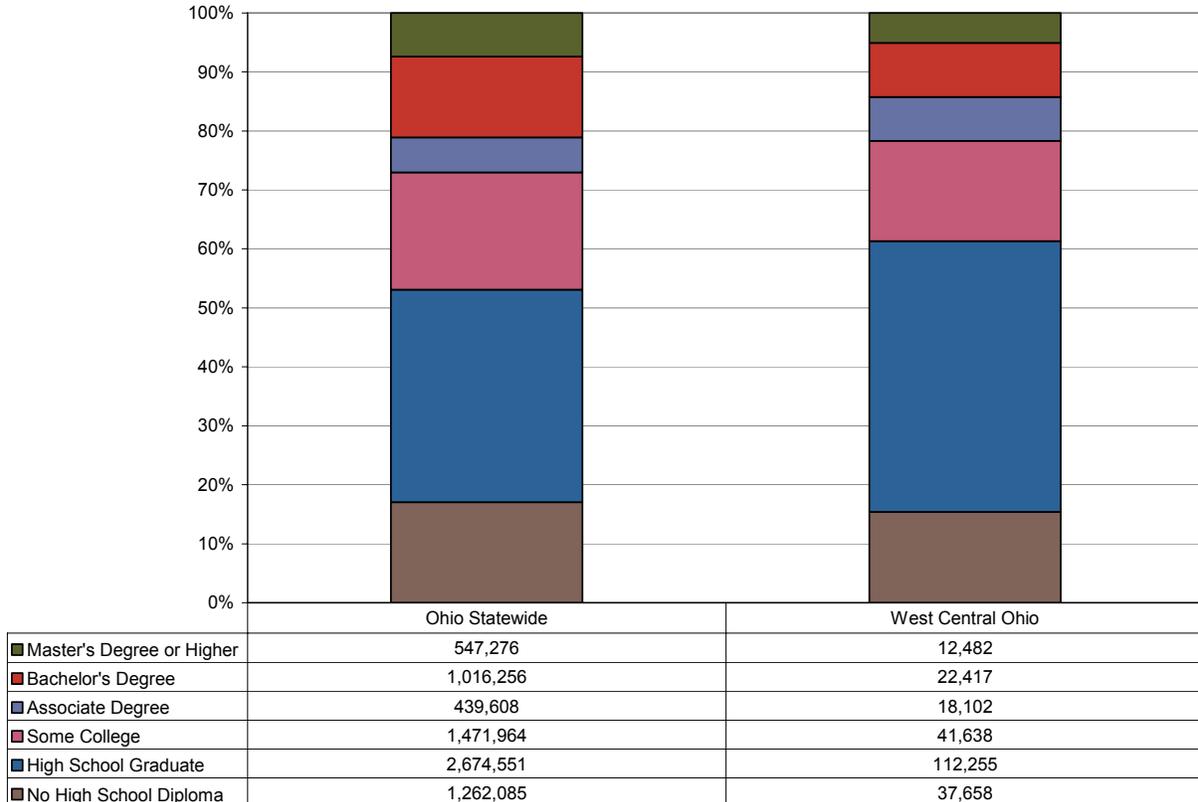
Code	Occupational Title**	Employment		Change in Employment		Avg. Ann. Openings	2006 Avg. Wage*
		2004 Annual	2014 Projected	2004 - 2014	Percent		
Occupations Requiring Long-Term On-the-Job Training (twelve months or more combined experience/training) [con't]							
51-4111	Tool and Die Makers	540	510	-30	-5.6%	12	\$22.15
51-4121	Welders, Cutters, Solderers, and Brazers	1,310	1,290	-20	-1.5%	37	\$17.06
51-8031	Water/Liquid Waste Treatment Plant/System Op.	260	280	20	7.7%	11	\$17.68
Occupations Requiring Work Experience in a Related Occupation							
13-1051	Cost Estimators	330	380	50	15.2%	12	\$26.63
35-1012	FL Sup/Mgrs of Food Prep. & Serving Workers	940	1,040	100	10.6%	32	\$13.42
41-1011	First-Line Superv./Mgrs of Retail Sales Workers	2,050	2,130	80	3.9%	45	\$18.66
43-1011	First-Line Sup/Mgrs of Office & Admin. Support	1,110	1,190	80	7.2%	32	\$20.46
47-1011	First-Line Sup/Mgrs of Con. Trades/Extract. Work	500	520	20	4.0%	11	\$28.12
49-1011	FL Sup/Mgrs of Mechanics/Installers/Repairers	680	710	30	4.4%	20	\$26.97
51-1011	FL Sup/Mgrs of Production/Operating Workers	1,990	2,020	30	1.5%	45	\$23.05
53-1021	FL Sup/Mgrs of Help/Labor/Mat. Movers, Hand	330	350	20	6.1%	10	\$19.25
53-1031	FL Sup/Mgr of Trans/Mat.-Mov. Mach & Veh Op	330	380	50	15.2%	13	\$20.87
Occupations Requiring Postsecondary Vocational Training							
25-4031	Library Technicians	260	270	10	3.8%	11	\$14.41
29-2061	Licensed Practical & Licensed Vocat. Nurses	1,140	1,210	70	6.1%	32	\$17.13
43-6013	Medical Secretaries	1,010	1,110	100	9.9%	29	\$13.21
49-3023	Automotive Service Technicians and Mechanics	1,050	1,140	90	8.6%	37	\$16.19
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	650	760	110	16.9%	28	\$16.58
Occupations Requiring an Associate Degree							
29-1111	Registered Nurses [†]	3,450	4,310	860	24.9%	158	\$24.34
29-1126	Respiratory Therapists	210	250	40	19.0%	11	\$21.35
29-2034	Radiologic Technologists and Technicians	280	330	50	17.9%	10	\$21.24
Occupations Requiring a Bachelor's Degree							
13-2011	Accountants and Auditors	1,230	1,430	200	16.3%	43	\$26.74
13-2072	Loan Officers	410	440	30	7.3%	10	\$26.02
17-2112	Industrial Engineers	670	710	40	6.0%	20	\$32.30
17-2141	Mechanical Engineers	570	570	0	0.0%	16	\$29.65
25-2021	Elementary School Teachers, ex.Special Ed. [†]	2,190	2,430	240	11.0%	72	\$44,294
25-2022	Middle School Teachers, ex. Special & Voc. Ed. [†]	1,130	1,200	70	6.2%	32	\$46,295
25-2031	Secondary Sch. Teachers, ex. Spec. & Voc. Ed. [†]	1,810	1,960	150	8.3%	66	\$44,746
25-2041	Special Ed. Teachers, Pre./Kinder./Elem. Sch. [†]	280	340	60	21.4%	13	\$44,311
25-2042	Special Education Teachers, Middle School [†]	220	260	40	18.2%	9	\$44,210
29-2011	Medical and Clinical Laboratory Technologists	180	230	50	27.8%	10	\$21.17
41-3021	Insurance Sales Agents	680	780	100	14.7%	26	\$25.70
Occupations Requiring Work Experience plus a Bachelor's Degree							
11-1011	Chief Executives	510	580	70	13.7%	17	\$55.86
11-1021	General and Operations Managers	1,760	2,010	250	14.2%	58	\$38.76
11-9032	Education Admin., Elem. & Secondary School [†]	380	410	30	7.9%	13	\$74,129
11-9111	Medical and Health Services Managers	400	470	70	17.5%	15	\$33.29
25-2032	Vocational Education Teachers, Secondary Sch. [†]	330	360	30	9.1%	12	\$52,243

Code	Occupational Title**	Employment		Change in Employment		Avg. Ann. Openings	2006 Avg. Wage*
		2004 Annual	2014 Projected	2004 - 2014	Percent		
Occupations Requiring a First Professional Degree							
29-1051	Pharmacists	320	420	100	31.3%	16	\$42.72
<p>*May 2005 wages aged to April 2006. Wages in <i>italics</i> are statewide figures because EDR wages were unavailable.</p> <p>**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</p> <p>†Annual earnings, typically for a 9½ month school year</p> <p>‡Training requirements may be met through a two-year associate's degree; a three-year diploma; or a four-year bachelor's degree.</p> <p>Source: Ohio Department of Job and Family Services, Bureau of Labor Market Information, 2007a.</p>							

IV. Education & Training

Educational Attainment. Figure 13 below shows educational attainment for adults 25 and older, compared with the state as a whole. While West Central Ohio has a smaller proportion of adults without a high school diploma, the region lags the rest of the state in postsecondary attainment. Statewide, 27.0 percent of adults have an associate's degree or better. In this EDR only 21.7 percent have a postsecondary degree. Seventeen percent of adults have attended some college.

Figure 13: Educational Attainment, 2000



Institutions and Degree Completions. There are 12 postsecondary training providers in West Central Ohio offering about 590 different programs: 3 two-year technical and community colleges; 6 four-year colleges and universities; one private technical school; and 2 public adult schools with vocational programs. The overall number of postsecondary degree programs completed in this region has fallen by about 120 awards from 2005 to 2006 (-2.6%), compared with a 3.7 percent gain across Ohio. Most of this decline has been in award programs lasting less than two years. Details on educational institutions and program completers are available in Appendices E and F, respectively.

Figure 14: Degree Completions in West Central Ohio

Award Type	2005	2006	Net Growth
Postsec. Awards; < 2 yrs.	1,148	952	-196
Associate's Degrees	1,294	1,347	53
Bachelor's Degrees	1,657	1,645	-12
Master's Degrees	499	480	-19
Doctor's Degrees	0	4	4
First-Professional Degrees	185	236	51
All Other Awards	4	0	-4
Totals	4,787	4,664	-123

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 West Central Ohio and the entire state. The first, supply rank, ranks the skills based on how many jobs in 2004 require each. Percent demand gives the proportion of average annual openings 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.

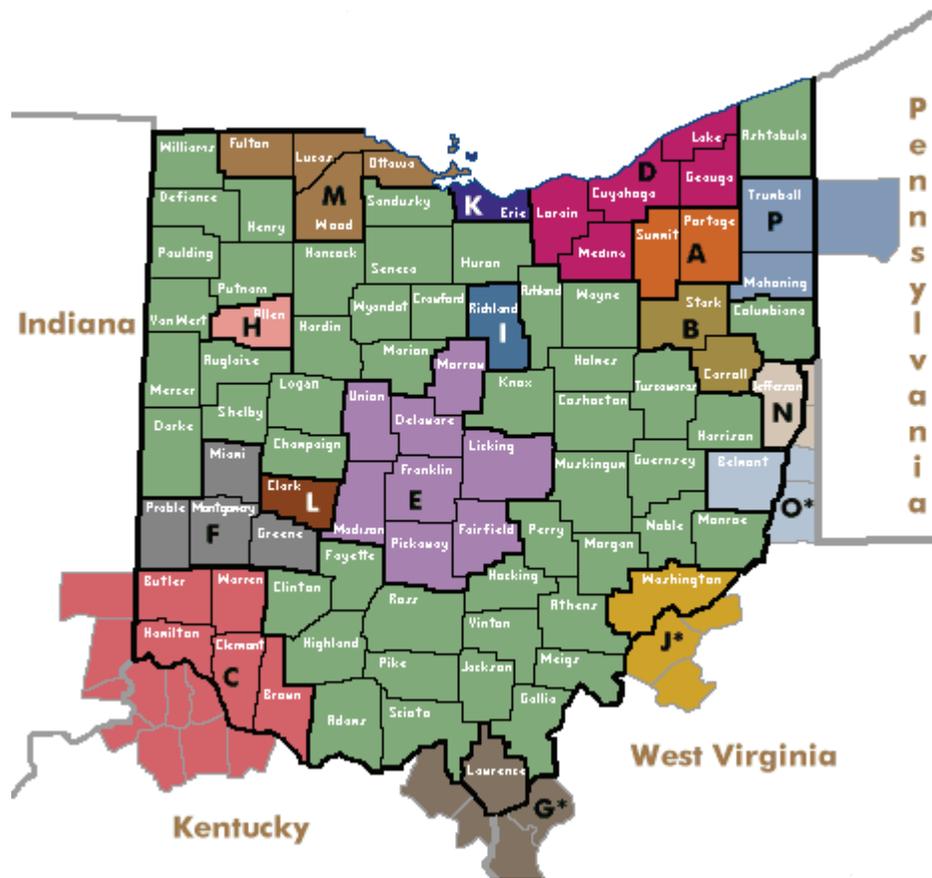
As is the case in much of Ohio, reading comprehension is expected to be the most highly-demanded workplace skill through 2014. Nearly half of all projected openings will require proficiency in this skill. Other highly-ranked workplace skills include active listening, critical thinking, speaking and active learning.

While several communication-related skills are ranked very high on this table, they will actually be in demand in a smaller proportion of projected openings through 2014 than the rest of Ohio. Many of the more highly-demanded skills are more production-related. Equipment maintenance; operation and control; and operation monitoring will each be in demand, though each has a relatively high replacement index, reflecting employment declines in goods-producing industries.

Figure 15: Projected Skills Needs for 2014

Skill	West Central Ohio				Ohio	
	Supply Rank	Percent Demand	Gap Index	Repl. Index	Percent Demand	Gap Index
Reading Comprehension	1	46.1%	100	66	48.3%	100
Active Listening	2	43.9%	97	68	46.6%	97
Critical Thinking	3	39.9%	94	67	41.9%	94
Speaking	6	35.7%	91	65	38.4%	91
Active Learning	4	36.2%	89	67	37.4%	86
Coordination	5	35.0%	86	67	36.8%	89
Monitoring	8	31.6%	83	66	34.3%	83
Instructing	7	33.4%	80	67	34.1%	77
Time Management	10	29.7%	77	66	31.6%	74
Writing	9	30.6%	74	66	33.6%	80
Social Perceptiveness	12	27.8%	71	64	28.6%	69
Learning Strategies	11	29.6%	69	66	31.3%	71
Service Orientation	13	23.7%	66	62	25.4%	66
Persuasion	14	21.3%	63	66	22.2%	60
Judgment and Decision Making	15	21.1%	60	67	23.6%	63
Complex Problem Identification	17	20.0%	57	68	21.3%	57
Mathematics	18	18.1%	54	67	18.9%	54
Negotiation	21	11.2%	51	69	12.0%	49
Management of Personnel Resources	22	9.9%	49	70	10.1%	46
Equipment Maintenance	20	11.2%	46	74	9.3%	34
Equipment Selection	16	16.5%	43	75	16.0%	51
Management of Financial Resources	28	6.2%	40	66	6.6%	37
Repairing	26	6.5%	37	75	5.9%	20
Management of Material Resources	30	3.4%	34	66	3.5%	14
Systems Evaluation	32	2.8%	31	63	4.3%	29
Installation	27	6.1%	29	80	7.6%	40
Troubleshooting	19	10.5%	26	80	11.0%	43
Operations Analysis	29	4.1%	23	70	5.2%	31
Science	31	2.9%	20	71	3.9%	23
Systems Analysis	33	1.8%	17	66	3.2%	26
Technology Design	34	1.5%	14	74	2.9%	17
Programming	35	0.2%	11	77	1.0%	9
Operation and Control	25	7.0%	9	85	5.4%	6
Operation Monitoring	23	8.9%	6	85	6.8%	3
Quality Control	24	6.4%	3	88	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

Allen			Percent of workers that work outside the county -	15.7%	
			Average commute time in minutes -	18.4	
Number of workers 16+ years of age living in Allen County			47,096		
Number of workers 16+ years of age working in Allen County			54,177		
Commute Out To	Number	Percent	Commute In From	Number	Percent
Auglaize Co. OH	1,537	3.3%	Auglaize Co. OH	3,928	7.3%
Hancock Co. OH	1,169	2.5%	Putnam Co. OH	3,186	5.9%
Shelby Co. OH	1,002	2.1%	Van Wert Co. OH	1,947	3.6%
Van Wert Co. OH	919	2.0%	Hardin Co. OH	1,495	2.8%
Putnam Co. OH	910	1.9%	Hancock Co. OH	1,074	2.0%
Hardin Co. OH	514	1.1%	Logan Co. OH	509	0.9%
Defiance Co. OH	147	0.3%	Mercer Co. OH	478	0.9%
Logan Co. OH	137	0.3%	Shelby Co. OH	269	0.5%
Mercer Co. OH	89	0.2%	Paulding Co. OH	116	0.2%
Montgomery Co. OH	65	0.1%	Wood Co. OH	101	0.2%

Auglaize			Percent of workers that work outside the county -	39.3%	
			Average commute time in minutes -	18.1	
Number of workers 16+ years of age living in Auglaize County			23,282		
Number of workers 16+ years of age working in Auglaize County			21,159		
Commute Out To	Number	Percent	Commute In From	Number	Percent
Allen Co. OH	3,928	16.9%	Mercer Co. OH	2,981	14.1%
Shelby Co. OH	3,002	12.9%	Allen Co. OH	1,537	7.3%
Mercer Co. OH	930	4.0%	Shelby Co. OH	1,370	6.5%
Logan Co. OH	277	1.2%	Darke Co. OH	278	1.3%
Miami Co. OH	200	0.9%	Van Wert Co. OH	130	0.6%
Darke Co. OH	121	0.5%	Miami Co. OH	126	0.6%
Montgomery Co. OH	113	0.5%	Hardin Co. OH	90	0.4%
Van Wert Co. OH	94	0.4%	Putnam Co. OH	85	0.4%
Hardin Co. OH	90	0.4%	Logan Co. OH	84	0.4%
Hancock Co. OH	51	0.2%	Montgomery Co. OH	54	0.3%

Hancock			Percent of workers that work outside the county -	18.7%	
			Average commute time in minutes -	17.5	
Number of workers 16+ years of age living in Hancock County			35,845		
Number of workers 16+ years of age working in Hancock County			41,331		
Commute Out To	Number	Percent	Commute In From	Number	Percent
Wood Co. OH	1,603	4.5%	Seneca Co. OH	3,118	7.5%
Seneca Co. OH	1,296	3.6%	Wood Co. OH	2,177	5.3%
Allen Co. OH	1,074	3.0%	Putnam Co. OH	1,722	4.2%
Lucas Co. OH	607	1.7%	Allen Co. OH	1,169	2.8%
Wyandot Co. OH	491	1.4%	Wyandot Co. OH	1,107	2.7%
Putnam Co. OH	382	1.1%	Hardin Co. OH	1,082	2.6%
Hardin Co. OH	379	1.1%	Lucas Co. OH	514	1.2%
Sandusky Co. OH	126	0.4%	Sandusky Co. OH	191	0.5%
Ottawa Co. OH	50	0.1%	Henry Co. OH	189	0.5%
Van Wert Co. OH	49	0.1%	Franklin Co. OH	91	0.2%

Hardin			Percent of workers that work outside the county -	38.3%	
			Average commute time in minutes -	21.8	
Number of workers 16+ years of age living in Hardin County			14,390		
Number of workers 16+ years of age working in Hardin County			11,044		
Commute Out To	Number	Percent	Commute In From	Number	Percent
Allen Co. OH	1,495	10.4%	Allen Co. OH	514	4.7%
Hancock Co. OH	1,082	7.5%	Hancock Co. OH	379	3.4%
Logan Co. OH	964	6.7%	Logan Co. OH	303	2.7%
Union Co. OH	542	3.8%	Wyandot Co. OH	288	2.6%
Wyandot Co. OH	460	3.2%	Marion Co. OH	156	1.4%
Marion Co. OH	178	1.2%	Auglaize Co. OH	90	0.8%
Franklin Co. OH	121	0.8%	Union Co. OH	82	0.7%
Shelby Co. OH	96	0.7%	Putnam Co. OH	35	0.3%
Auglaize Co. OH	90	0.6%	Crawford Co. OH	29	0.3%
Summit Co. OH	57	0.4%	Delaware Co. OH	28	0.3%

Mercer			Percent of workers that work outside the county - 34.1%		
			Average commute time in minutes - 19.9		
Number of workers 16+ years of age living in Mercer County 19,742			Number of workers 16+ years of age working in Mercer County 15,850		
Commute Out To			Commute In From		
	Number	Percent		Number	Percent
Auglaize Co. OH	2,981	15.1%	Auglaize Co. OH	930	5.9%
Van Wert Co. OH	814	4.1%	Darke Co. OH	545	3.4%
Shelby Co. OH	621	3.1%	Jay Co. IN	362	2.3%
Darke Co. OH	519	2.6%	Van Wert Co. OH	203	1.3%
Allen Co. OH	478	2.4%	Shelby Co. OH	103	0.6%
Adams Co. IN	433	2.2%	Adams Co. IN	101	0.6%
Jay Co. IN	217	1.1%	Randolph Co. IN	101	0.6%
Allen Co. IN	101	0.5%	Allen Co. OH	89	0.6%
Montgomery Co. OH	62	0.3%	Miami Co. OH	34	0.2%
Miami Co. OH	55	0.3%	Lake Co. IN	34	0.2%

Paulding			Percent of workers that work outside the county - 52.9%		
			Average commute time in minutes - 24.6		
Number of workers 16+ years of age living in Paulding County 9,640			Number of workers 16+ years of age working in Paulding County 5,752		
Commute Out To			Commute In From		
	Number	Percent		Number	Percent
Defiance Co. OH	1,817	18.8%	Defiance Co. OH	366	6.4%
Allen Co. IN	1,484	15.4%	Van Wert Co. OH	316	5.5%
Van Wert Co. OH	478	5.0%	Allen Co. IN	166	2.9%
Williams Co. OH	280	2.9%	Putnam Co. OH	158	2.7%
DeKalb Co. IN	230	2.4%	DeKalb Co. IN	35	0.6%
Putnam Co. OH	198	2.1%	Williams Co. OH	34	0.6%
Fulton Co. OH	134	1.4%	Adams Co. IN	25	0.4%
Allen Co. OH	116	1.2%	Allen Co. OH	23	0.4%
Henry Co. OH	105	1.1%	Mercer Co. OH	21	0.4%
Steuben Co. IN	27	0.3%	Steuben Co. IN	13	0.2%

Putnam			Percent of workers that work outside the county - 42.8%		
			Average commute time in minutes - 21.1		
Number of workers 16+ years of age living in Putnam County 16,905			Number of workers 16+ years of age working in Putnam County 12,059		
Commute Out To			Commute In From		
	Number	Percent		Number	Percent
Allen Co. OH	3,186	18.8%	Allen Co. OH	910	7.5%
Hancock Co. OH	1,722	10.2%	Hancock Co. OH	382	3.2%
Defiance Co. OH	875	5.2%	Van Wert Co. OH	244	2.0%
Van Wert Co. OH	395	2.3%	Paulding Co. OH	198	1.6%
Henry Co. OH	206	1.2%	Henry Co. OH	138	1.1%
Paulding Co. OH	158	0.9%	Defiance Co. OH	60	0.5%
Lucas Co. OH	116	0.7%	Summit Co. OH	40	0.3%
Wood Co. OH	109	0.6%	Wood Co. OH	36	0.3%
Auglaize Co. OH	85	0.5%	Hardin Co. OH	36	0.3%
Allen Co. IN	51	0.3%	Mercer Co. OH	36	0.3%

Van Wert			Percent of workers that work outside the county - 34.5%		
			Average commute time in minutes - 19.0		
Number of workers 16+ years of age living in Van Wert County 14,375			Number of workers 16+ years of age working in Van Wert County 12,653		
Commute Out To			Commute In From		
	Number	Percent		Number	Percent
Allen Co. OH	1,947	13.5%	Allen Co. OH	919	7.3%
Adams Co. IN	858	6.0%	Mercer Co. OH	814	6.4%
Allen Co. IN	843	5.9%	Paulding Co. OH	478	3.8%
Paulding Co. OH	316	2.2%	Putnam Co. OH	395	3.1%
Putnam Co. OH	244	1.7%	Allen Co. IN	132	1.0%
Mercer Co. OH	203	1.4%	Auglaize Co. OH	94	0.7%
Auglaize Co. OH	130	0.9%	Adams Co. IN	92	0.7%
Defiance Co. OH	54	0.4%	Hancock Co. OH	49	0.4%
Wells Co. IN	35	0.2%	Franklin Co. OH	34	0.3%
DeKalb Co. IN	34	0.2%	Shelby Co. OH	30	0.2%

Source: U.S. Census Bureau, 2004.

Appendix D: Major Employers by County

Allen	
BP Chemicals, Inc.	Manufacturing
Countryside Foods/I&K Distributors	Manufacturing
Dana Corp.	Manufacturing
Ford Motor Co.	Manufacturing
General Dynamics Corp.	Manufacturing
Husky Energy, Inc.	Manufacturing
Lima City Board of Education	Government
Lima Memorial Health System	Health Care
MetoKote Corp.	Manufacturing
Nash Finch Co.	Wholesale
Proctor & Gamble Co.	Manufacturing
St. Rita's Medical Center	Health Care
Tokai Kogyo/DTR Industries	Manufacturing
Auglaize	
Crown Equipment Corp.	Manufacturing
Danone Group/Dannon Co.	Manufacturing
EDP, Inc./Goodyear Tire & Rubber Co.	Manufacturing
Hitachi Metals/AAP St. Mary's Corp.	Manufacturing
Joint Township District Memorial Hospital	Health Care
Minister Machine Co.	Manufacturing
Setex, Inc.	Manufacturing
St. Mary's City Board of Education	Government
Wapakoneta City Board of Education	Government
Hancock	
Blanchard Valley Regional Health	Health Care
Consolidated Biscuit Co.	Manufacturing
Cooper Tire & Rubber Co.	Manufacturing
Findlay City Board of Education	Government
Kohl's Corp.	Retail
Lowe's Companies, Inc.	Retail
Marathon Petroleum Co., LLC	Retail
Nissin Brake Ohio	Manufacturing
Sanoh America, Inc.	Manufacturing
University of Findlay	Education
Whirlpool Corp.	Manufacturing
Hardin	
Ada Technologies	Manufacturing
Amer Group plc/Wilson Sporting Goods	Manufacturing
Hardin County Government	Government
Hardin Memorial Hospital	Health Care
International Paper Co.	Manufacturing
Kenton City Board of Education	Government
Ohio Northern University	Education
Reliance Steel & Alum/Precision Strip, Inc.	Manufacturing
Sumitomo Chemical/Durez Corp.	Manufacturing
Sypris Solutions, Inc.	Manufacturing
Triumph Group, Inc.	Manufacturing

Mercer	
Celina Aluminum Precision Technology	Manufacturing
Celina City Board of Education	Government
Cooper Farms, Inc.	Manufacturing
Crown Equipment Corp.	Manufacturing
Fort Recovery Industries, Inc.	Manufacturing
Mercer Health	Health Care
Pax Machine Works	Manufacturing
Relizon Co.	Manufacturing
Renoir Visions, LLC	Manufacturing
Reynolds & Reynolds Co., Inc.	Manufacturing
Workflow One	Manufacturing
Paulding	
Alex Products, Inc.	Manufacturing
Atwood Acquisition Co., LLC	Manufacturing
Cooper Farms, Inc.	Agriculture
Herbert E. Orr Co.	Manufacturing
LaFarge SA	Manufacturing
Paulding County Hospital	Health Care
Paulding Exempted Village Board of Education	Government
Spartech Corp.	Manufacturing
Taylor Made Group	Manufacturing
Wayne Trace Local Board of Education	Government
Putnam	
Kalida Manufacturing, Inc.	Manufacturing
Midway Products/Progressive Stamping	Manufacturing
Ottawa-Glandorf Local Board of Education	Government
Proctor & Gamble/Iams Co.	Manufacturing
Pro-Tec Coating Co., Inc.	Manufacturing
Putnam County Government	Government
Schnipke Engraving Co., Inc.	Manufacturing
Silgan Plastics Corp.	Manufacturing
Unverferth Manufacturing Co., Inc.	Manufacturing
W.C. Wood Co., Inc.	Manufacturing
Wal-Mart Stores, Inc.	Retail
Van Wert	
Central Mutual Insurance Co.	Insurance
Cooper Farms, Inc.	Manufacturing
Eaton Corp.	Manufacturing
Federal-Mogul Corp.	Manufacturing
Greif, Inc.	Manufacturing
KAM Manufacturing, Inc.	Manufacturing
Kennedy Manufacturing Co., Inc.	Manufacturing
Teleflex, Inc.	Manufacturing
Van Wert City Board of Education	Government
Van Wert County Hospital Association	Health Care

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

Appendix E: Postsecondary Institutions

Name	Type	Address	Telephone	URL
Apollo Career Center	Pub. Adult Sch.	3325 Shawnee Rd, Lima, OH 45806	(419) 998-3000	www.apollocareercenter.com
Bluffton University	Four-Year	1 University Drive, Bluffton, OH 45817	(419) 358-3000	www.bluffton.edu
Brown Mackie College-Findlay	Priv. Bus. & Tech.	1700 Fostoria Ave., Suite 100, Findlay, OH 45840	(419) 423-2211	brownmackie.edu
James A Rhodes State College	Two-Year	4240 Campus Dr, Lima, OH 45804	(419) 221-1112	www.rhodesstate.edu
Ohio Northern University	Four-Year	525 S. Main St, Ada, OH 45810	(419) 772-2000	www.onu.edu/
Ohio State Beauty Academy	Two-Year	57 Town Square, Lima, OH 45801	(419) 229-7896	www.ohiosstatebeauty.com
Ohio State University-Lima Campus	Four-Year	4240 Campus Dr, Lima, OH 45804	(419) 221-1641	www.lima.ohio-state.edu
The University of Findlay	Four-Year	1000 N Main St, Findlay, OH 45840	(419) 422-8313	www.findlay.edu/
University of Northwestern Ohio	Four-Year	1441 N Cable Rd, Lima, OH 45805	(419) 227-3141	www.unoh.edu
Vantage Career Center	Pub. Adult Sch.	818 North Franklin St, Van Wert, OH 45891	(419) 238-5411	
Winebrenner Theological Seminary	Four-Year	950 North Main Street, Findlay, OH 45840	(419) 434-4200	www.winebrenner.edu
Wright State University-Lake Campus	Two-Year	7600 St. Rt. 703, Celina, OH 45822	(419) 586-0300	www.wright.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 3

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	109	68				82	43			
Natural Resources and Conservation		2					12			
Communication, Journalism and Related Programs	1	58				5	46			
Computer and Information Sciences and Support Services	63	44				60	46			
Education		258	159				282	134		
Engineering	2	52					88			
Engineering Technologies/Technicians	60	55	27			80	44	31		
Foreign Languages, Literatures and Linguistics	1	30					28			
Family and Consumer Sciences/Human Sciences	10	8				18	17			
Legal Professions and Studies	27	11			84	23	9			111
English Language and Literature/Letters		24					33			
Liberal Arts and Sciences, General Studies and Humanities	34		11			37	16	3		
Biological and Biomedical Sciences	1	85				1	86			
Mathematics and Statistics		22					29			
Multi/Interdisciplinary Studies	5	3				5	4			
Parks, Recreation, Leisure and Fitness Studies	3	45				1	58			
Philosophy and Religious Studies		11					17			
Theology and Religious Vocations		7	10		7		6	14	4	9
Physical Sciences	2	12				1	12			
Psychology	2	58				3	46			
Security and Protective Services	24	39				32	34			
Public Administration and Social Service Professions	42	14				23	15			
Social Sciences	2	29				1	30			
Mechanic and Repair Technologies/Trades	411					508				
Visual and Performing Arts		51					46			
Health Professions and Related Clinical Sciences	265	131	61		94	280	122	62		116
Business, Management, Marketing and Related Support Services	227	515	231			186	451	236		
History	3	25				1	25			
Total, All Programs	1,294	1,657	499	0	185	1,347	1,645	480	4	236

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

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

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The Workforce Research Section, under the direction of Labor Economist Larry Less, was responsible for the composition of this report. Labor Market Analyst Jonathan Calig was primarily responsible for production. Thanks are extended to the many other analysts who developed and reviewed the data presented herein. This publication was prepared under the supervision of Labor Market Information Bureau Chief Keith Ewald and Assistant Bureau Chief Rudy Wilkinson.

This report was prepared by the Ohio Department of Job and Family Services, Office of Workforce Development. For further information, visit our website at <http://lmi.state.oh.us> or contact the Ohio Bureau of Labor Market Information at 1-888-2WORK-411 or 1-888-296-7541.

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

Ted Strickland, Governor
Helen E. Jones-Kelley, Director

(10/2007)

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