

Grantee: Cuyahoga County Workforce Investment Board (WIB)

Grant Title: Cuyahoga Telecommunications Career Training and Connection

Grantee Service Area

The Cuyahoga County Workforce Investment Board served the county of Cuyahoga. Through 2002, Cuyahoga was part of the Cleveland-Akron, Ohio (OH) Consolidated Metropolitan Statistical Area (CMSA) and the Cleveland-Lorain-Elyria, OH Primary Metropolitan Statistical Area (PMSA). Cuyahoga is one of the six counties that made up that PMSA.

Comparative data in this profile are provided for Cuyahoga County, Ohio. Where county data are not available, comparative data are provided for the Cleveland-Lorain-Elyria, OH PMSA.

Figure 1

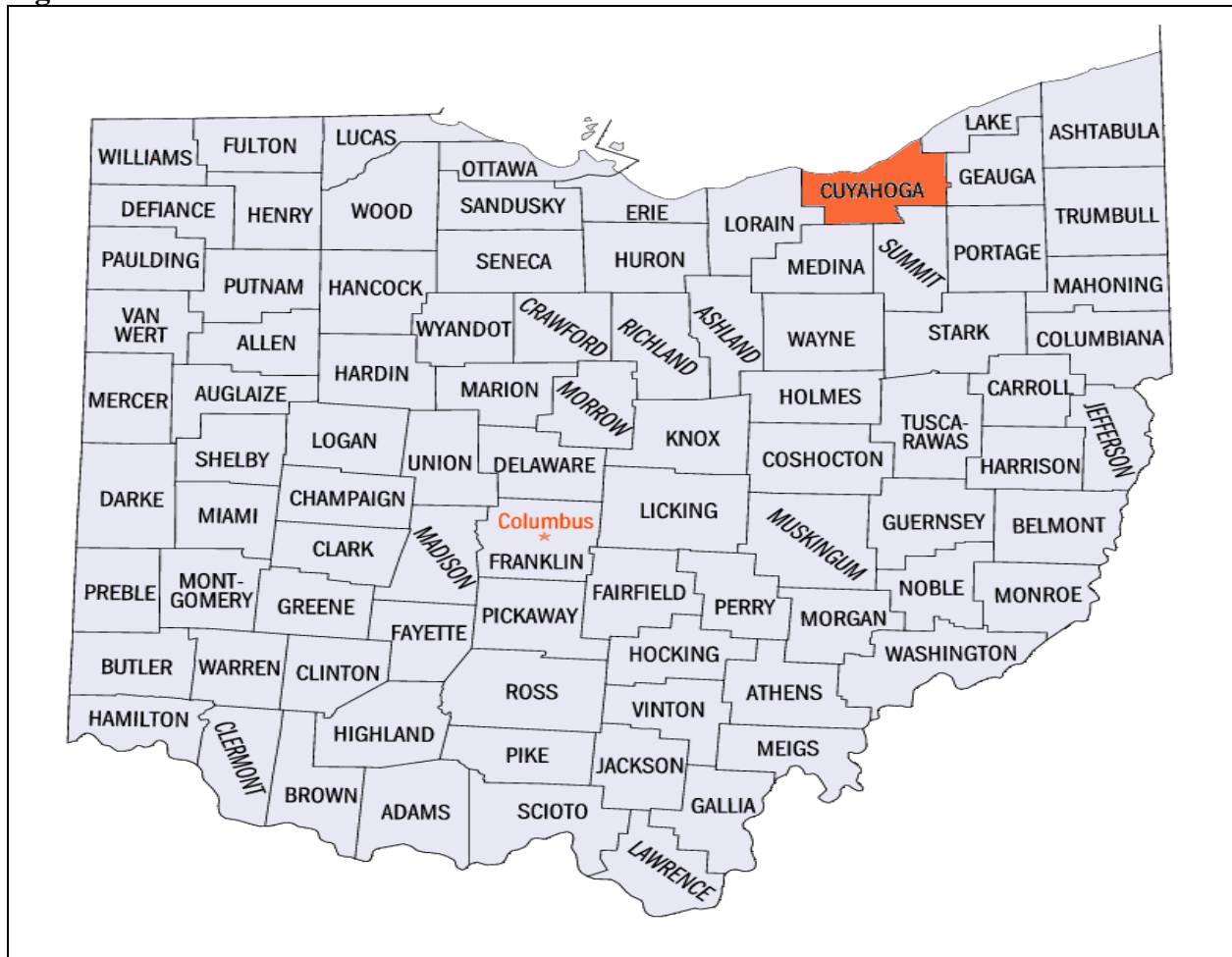


Table 1: Grantee Service Area MSA Facts

2002 Metropolitan Status	Region:	Midwest	
	State:	Ohio	
	Counties:	Cuyahoga	Cleveland-Akron, OH CMSA Cleveland-Lorain-Elyria, OH PMSA

Key Industries and Employment

As reported by the U.S. Census Bureau, nongovernmental employment in the Cuyahoga County target area is concentrated in seven broad sectors: health care and social services, manufacturing, retail, business support services, finance and insurance, accommodations and food services, and professional, scientific, and technical services. Excluding government employment and those who are self-employed, these seven sectors represented more than two-thirds of all employment in Cuyahoga County during the second week of March 2001.

As noted below in Table 2, the average annual salary for all employees in the Cuyahoga County WIB target area was \$35,516 in 2001. Several of the key employment sectors in Cleveland and the surrounding area provided higher average salaries, including manufacturing (\$44,468), finance and insurance (\$52,837), and professional, scientific, and technical services (\$49,071).

These data are the most recent detailed subnational industrial information that is available from the U.S. Census Bureau's annual report, *County Business Patterns*. This annual report covers most of the country's economic activity, excluding data on self-employed individuals, employees of private households, railroad employees, agricultural production employees, and most government employees. Beginning in 1998, data have been tabulated by industry as defined in the *North American Industry Classification System: United States, 1997 (NAICS)*.

Table 2: Nongovernmental Employment by Major Sector in Cuyahoga County, Ohio, 2001

Industry	Non-governmental Employment (March 12, 2001)	Annual Payroll (\$1,000)	Number of Establishments	% of all Non-governmental Employment	Average Annual Wage/Salary
Total	774,716	27,514,692	37,897	100.0%	\$35,516
Health care and social services	116,180	3,790,330	3,671	15.0%	\$32,625
Manufacturing	107,812	4,794,157	2,535	13.9%	\$44,468
Retail	75,951	1,564,331	5,389	9.8%	\$20,597
Admin., support, waste mgt., & remediation services	72,123	1,294,828	2,298	9.3%	\$17,953
Finance & insurance	56,661	2,993,782	2,659	7.3%	\$52,837
Accommodation & food services	53,131	603,265	2,927	6.9%	\$11,354
Professional, scientific, & technical services	52,702	2,586,157	4,360	6.8%	\$49,071

Source: U.S. Bureau of the Census, *County Business Patterns*, 2001.

Data from *County Business Patterns* reveal that there were approximately 12,000 individuals employed in the information and telecommunications industries in Cuyahoga County in 2001. Although specific employment and salary data are not available for each category in Table 3, below, in those categories for which information is available, salary levels are relatively high. Among 7,000 employees within the telecommunications industry in Cuyahoga County, 5,500 employed by traditional wire-based carriers earned an average salary of more than \$57,000 in 2001. Those in wireless communications earned only \$44,579, but this was still almost \$10,000 above the countywide average for all industries. More than 4,000 workers were employed in data processing services, earning an average of more than \$46,000 in 2001.

Table 3: Information Industry Employment in Cuyahoga County, Ohio, 2001

	Employees (3/12/01)	Annual Payroll (\$1,000)	Number of Establish- ments	% of Total Information Industry Employment	Annual Average Salary
All information industry	21,491	1,054,491	707	100.0%	\$49,066
Cable & other program distribution	1,000-2,499	NA	33	NA	NA
Wired telecom carriers	5,461	313,333	145	25.4%	\$57,376
Wireless telecom carriers (exc satellite)	1,479	65,932	77	6.9%	\$44,579
Telecom resellers	113	5,603	14	0.5%	\$49,584
Satellite telecom	20-99	NA	4	NA	NA
Other telecom	0-19	NA	4	NA	NA
Online information services	500-999	NA	51	NA	NA
Data processing services	4,181	194,119	63	19.5%	\$46,429

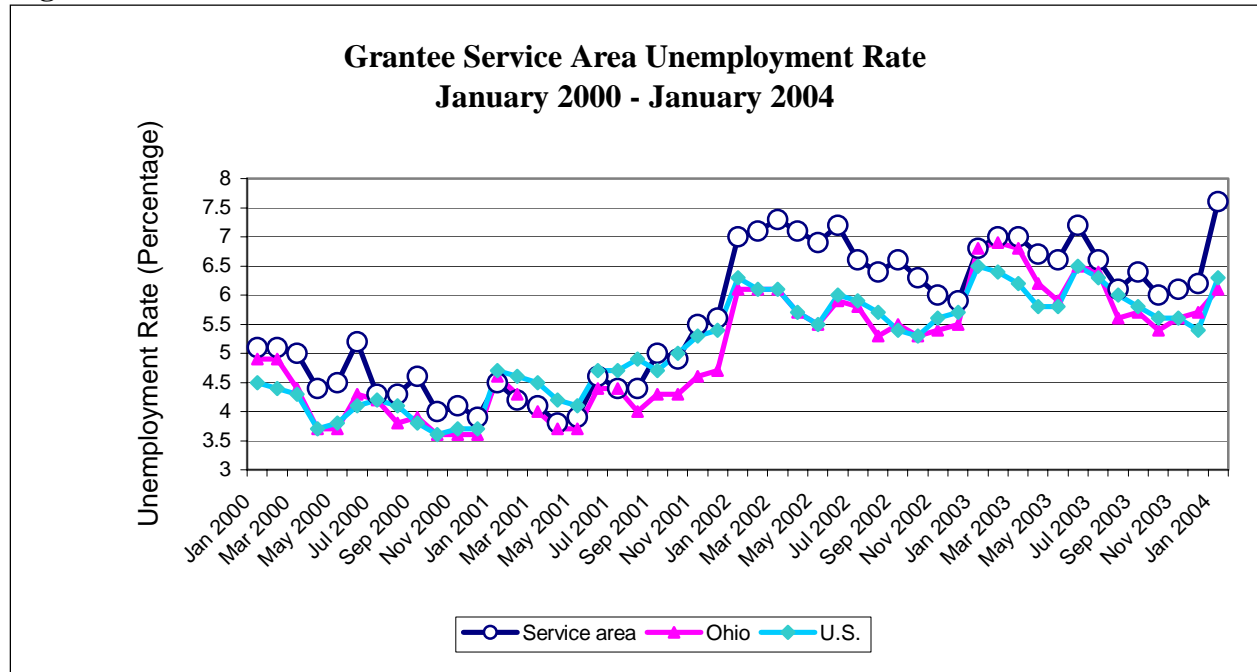
Source: U.S. Bureau of the Census, *County Business Patterns*, 2001.

Please note that some of the data entries for current employers in the area are not available (indicated by "NA" in Table 3) in order to maintain the confidentiality of employers in those categories in which the small number of employers could lead to the identity of the specific employer.

Unemployment

As shown below in Figure 2, the unemployment rate for the target area for the Cuyahoga County WIB peaked in early 2004 at 7.6 percent from about 6.2 percent in late 2003. Since late 2001, the unemployment rate for this region has been higher than the rates for either the entire state of Ohio or for the entire nation.

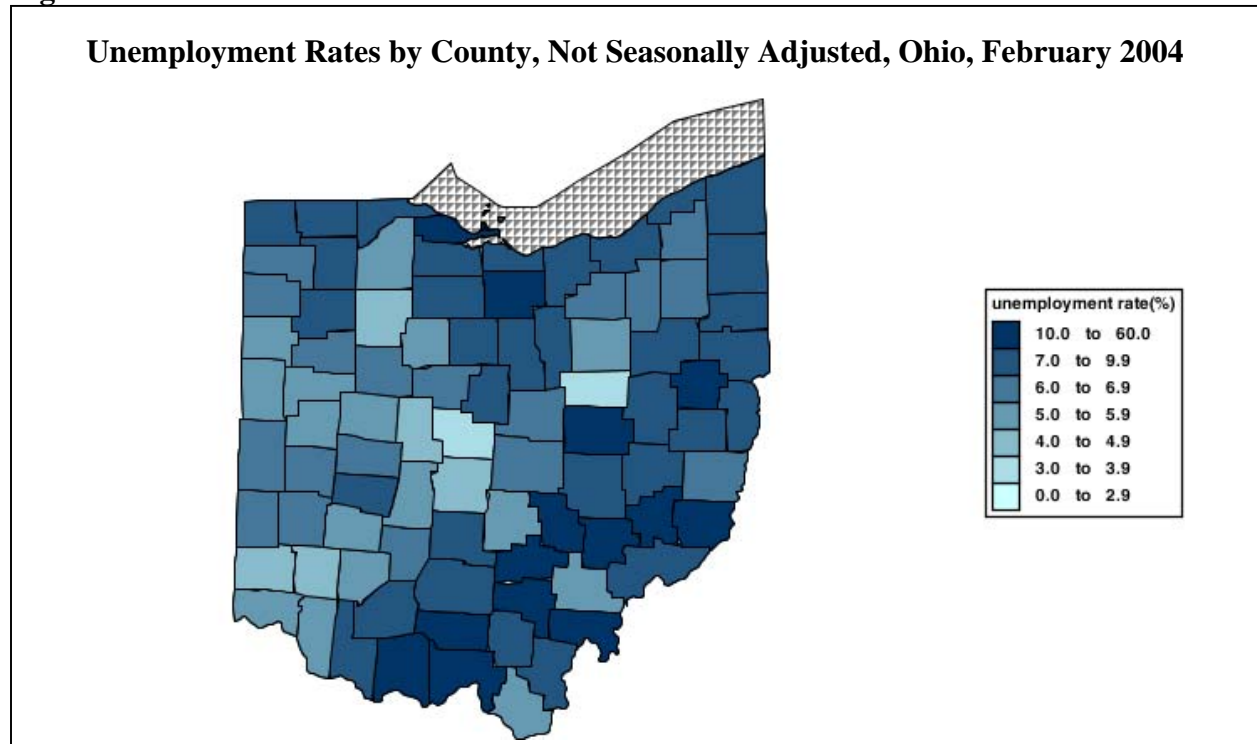
Figure 2



Source: U.S. Department of Labor, Bureau of Labor Statistics, 2004.

Unemployment rates as of January 2004 for each Ohio county are illustrated in Figure 3, below. As of January 2004, the Cuyahoga County WIB target area had an unemployment rate of 7.6 percent, higher than both the statewide average unemployment rate of 6.1 percent and the nationwide unemployment rate of 6.3 percent

Figure 3



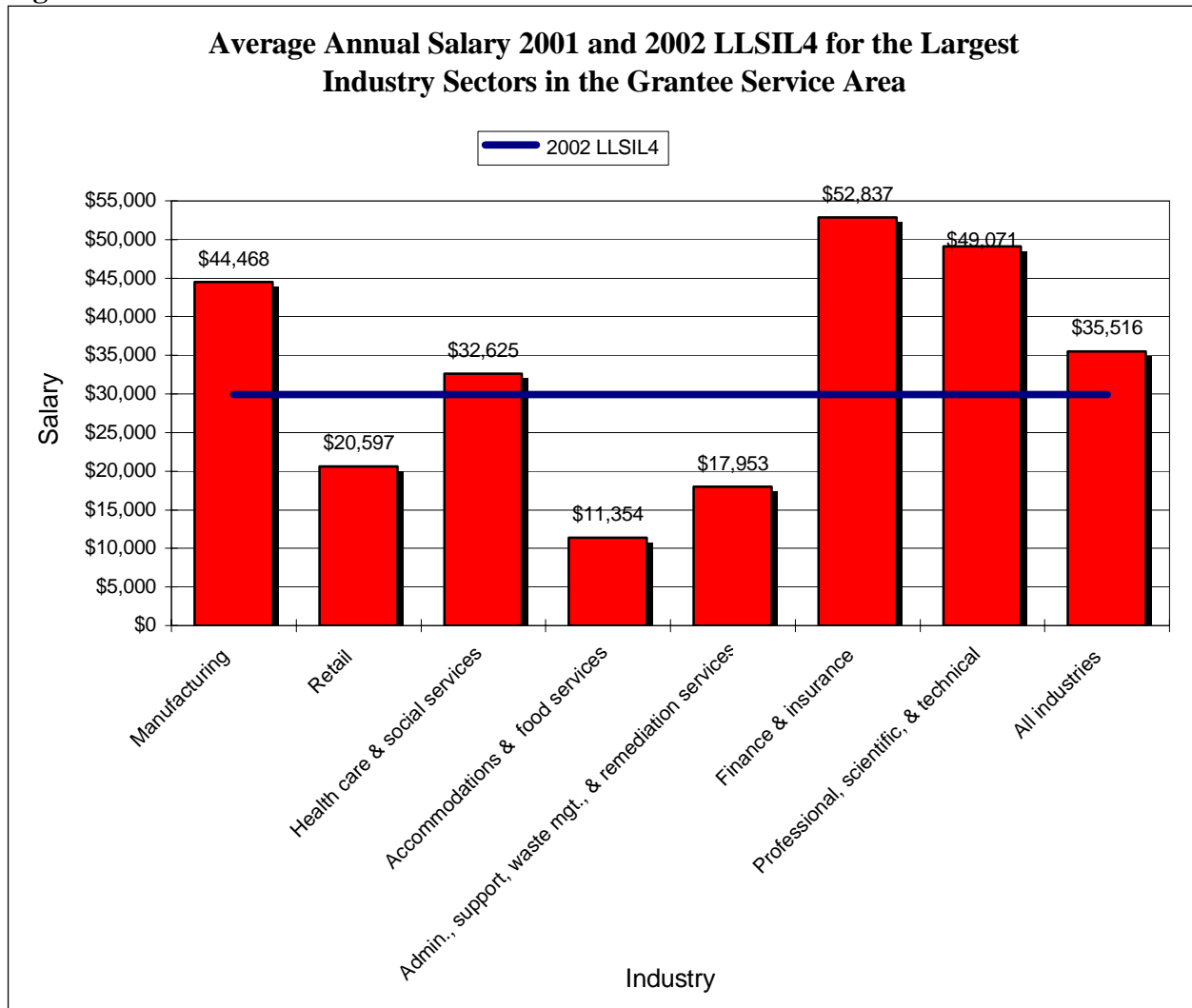
Source: U.S. Department of Labor, Bureau of Labor Statistics, 2004.

Lower Living Standard Income Level

The adjusted 2002 Lower Living Standard Income Level for a family of four (LLSIL4) in the Cleveland-Akron, OH CMSA is \$29,910. This figure was chosen for use as the standard for the Cuyahoga County WIB target area.

As discussed earlier, the seven largest industry sectors in the Cuyahoga County WIB target area are health care and social services, manufacturing, retail, business support services, finance and insurance, accommodations and food services, and professional, scientific, and technical services.

Persons employed in retail, accommodations and food services, and business support services earned average salaries in 2001 that were below the area's \$29,910 2002 LLSIL4, while persons employed in health care and social services earned marginally above the target area's 2002 LLSIL4.

Figure 4

Source: U.S. Bureau of the Census, *County Business Patterns*, 2001; U.S. Department of Labor, Employment, and Training Administration, 2002.

Occupations Targeted by Grantee

The Cuyahoga County WIB focused on information technology and the telecommunications industry. Occupations that were targeted by the Cuyahoga County WIB were cable installation specialists (installers) and communications technicians.

Wage Level Analysis

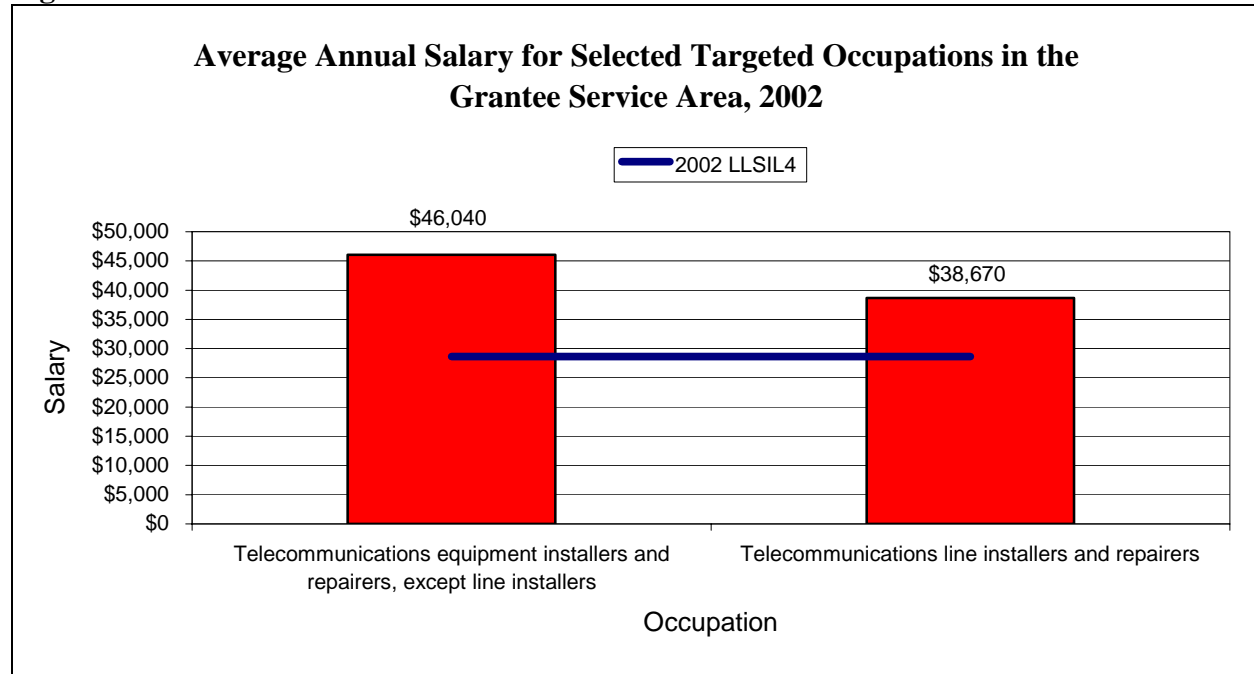
Of the two specific occupations that were targeted for northeastern Ohio by the Cuyahoga County WIB, both may be directly compared with data provided through the U.S. Department of Labor's Occupational Employment Statistics (OES) series for this area. As shown below in Table 4, these occupations appear likely to provide wage levels that are in excess of the LLSIL4 base of \$29,910 for this region. These data are also illustrated below in Figure 5.

Table 4: DOL Occupation & Employment Data for Targeted Occupations in the Cleveland-Lorain-Elyria, OH CMSA, 2002

Occupations	Area Employment	Median Hourly	Mean Hourly	Mean Annual
Telecom equipment installers and repairers, except line installers	1,850	\$22.91	\$22.14	\$46,040
Telecom line installers and repairers	550	\$19.16	\$18.59	\$38,670

Source: U.S. Department of Labor, Occupational, and Employment Statistics, 2002.

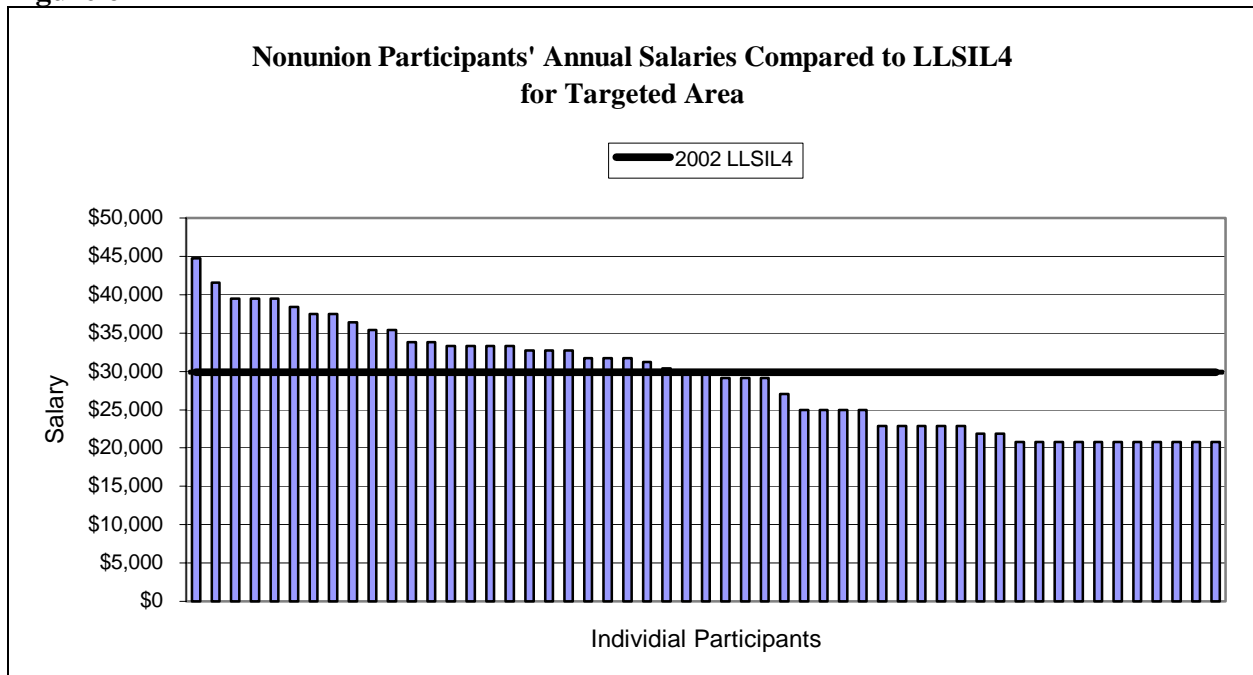
Figure 5



Source: U.S. Department of Labor, Occupational, and Employment Statistics, 2002.

Outcomes Analysis

The hypothetical wage levels that trainees may expect to earn were illustrated in Table 4 and Figure 5, above. Final outcome information is also available from the Cuyahoga County WIB for trainees that were trained and are employed. The data indicate that 49 percent of these individuals receive annual salaries that are at or above the \$29,910 LLSIL4 for this region. Two workers have salaries in excess of \$40,000 per year, but none have average salaries that are more than twice the LLSIL4 for the region. These patterns are illustrated in Figure 6, below.

Figure 6

Source: Cuyahoga County Workforce Investment Board, 2003

Note: The outcome data submitted by the grantee was missing outcome wage data for 141 nonunion trainees (83 percent of participants). The data did not specify union or nonunion workers; therefore, all participants are treated as nonunion workers.

Figure 6, above, illustrates individual outcomes. Specific job titles for training participants were not included in the outcome database submitted by the grantee.

Summary of Findings

The data provided in this profile and overview of the Cuyahoga County WIB demonstration site indicate that Cleveland/Cuyahoga County, Ohio has a very diversified economy, including major manufacturing, white collar, and service activities. Major sectors include health care, manufacturing, administrative support services, and finance and insurance.

Unemployment rates in Cuyahoga County have been higher than either the state or national unemployment rates more often than not since January 2000. The only exception was between January 2001 and January 2002 when month-to-month unemployment rates in Cuyahoga County tracked very closely to the statewide and national rates

The Cuyahoga County WIB has targeted a number of occupations within the area's information technology and telecommunications industries. Only two specific occupations were directly comparable with data from OES resources, but both of them may be expected to provide incumbents with annual salary levels considerably above the \$29,910 LLSIL4 for the Cleveland area.

Final data provided by the Cuyahoga County WIB indicate that 49 percent of trainees are working in jobs that pay more than the \$29,910 LLSIL4 for this area. Two of are working in positions that pay in excess of \$40,000 per year.