

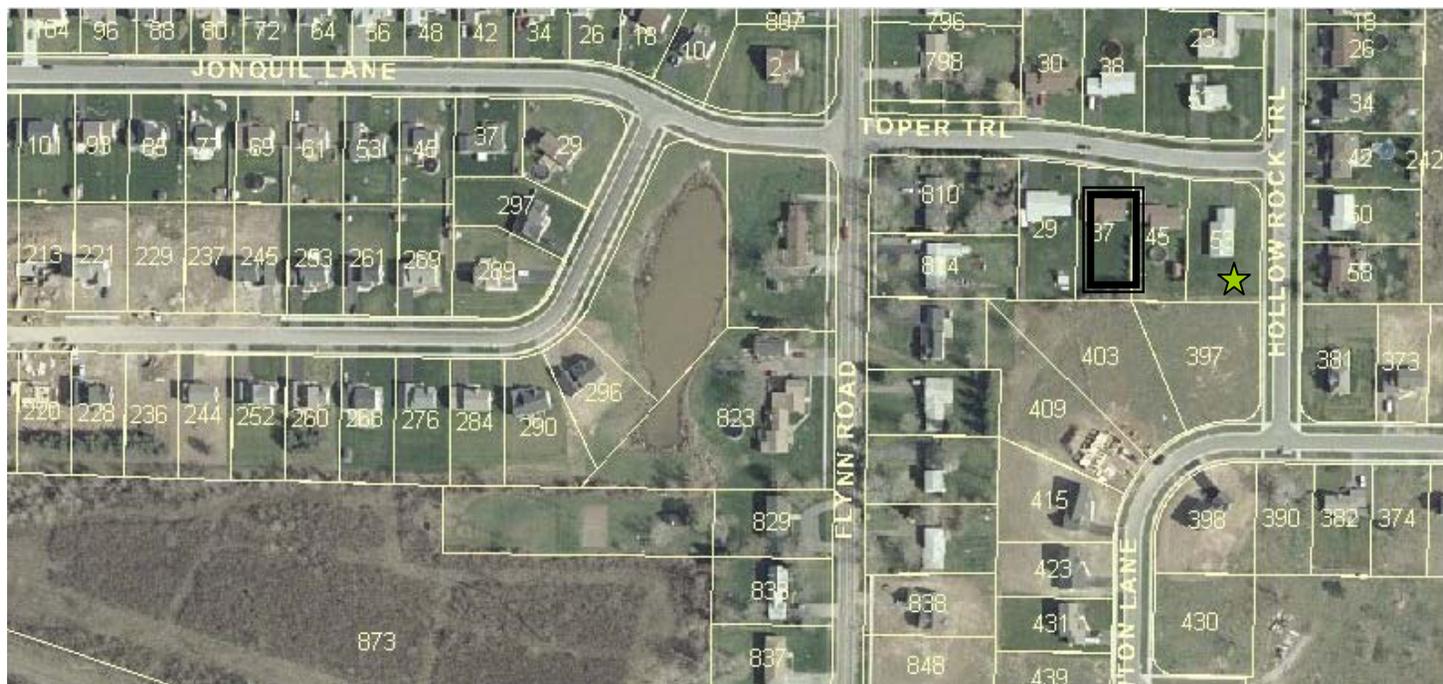
Mapping Labor Data

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Many times a picture can be easier to read than a table of data. For this reason the NYS Department of Labor occasionally uses Geographic Information Systems (GIS) in conjunction with labor statistics to create data maps.

Prospective firms looking to locate in a particular area may need information about the local labor force. They may be interested in knowing how many workers they would be able to attract, the going wages for occupations typically found in their respective industry and how many similar firms are located in the area. In many ways GIS provides invaluable insight to this data.

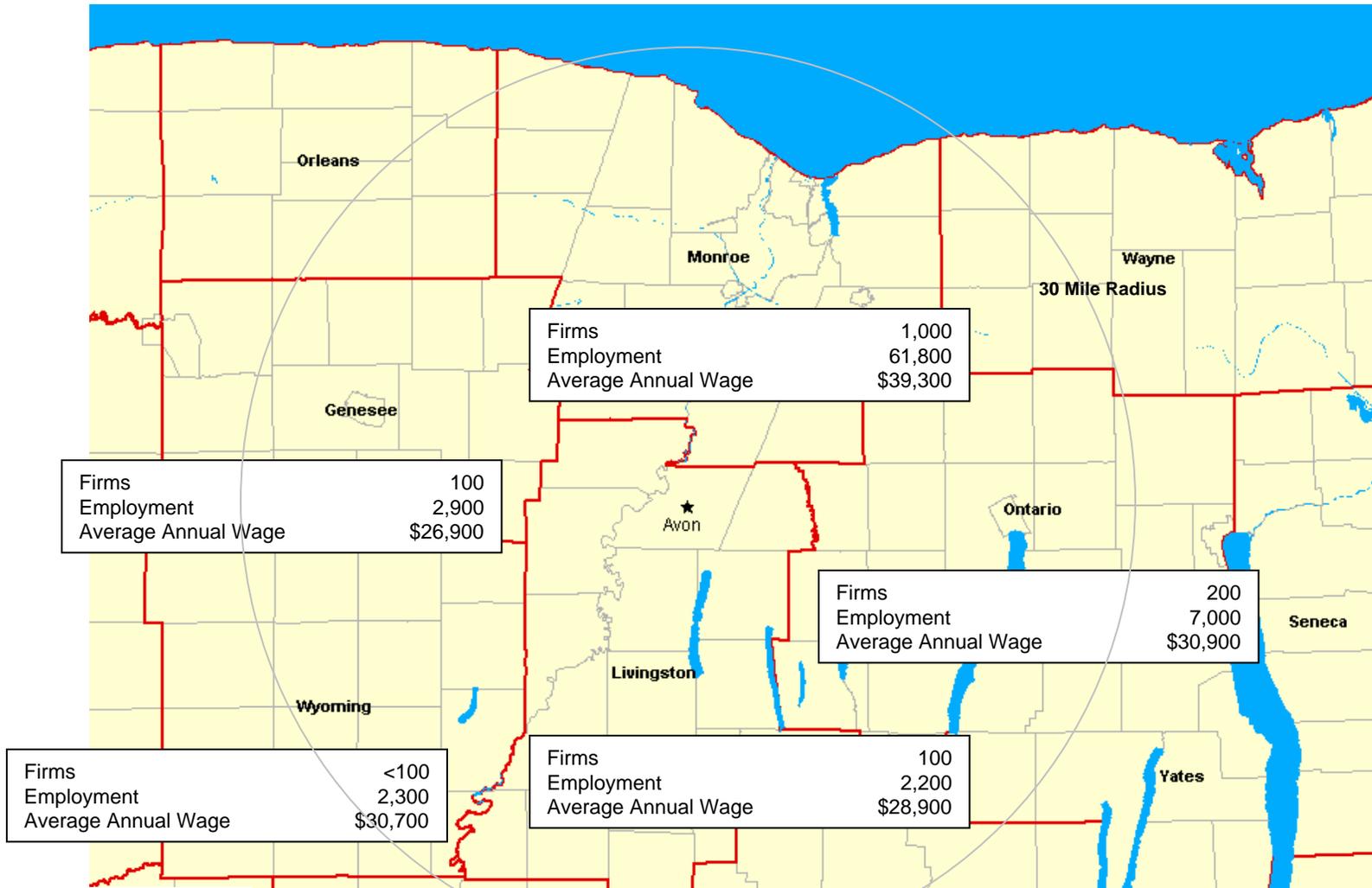
The following are some examples of how the Department of Labor has used GIS in conjunction with its labor statistics. For more information on data services available, contact your local [Labor Market Analyst](#).



**Food Manufacturing Firms
Employment and Wages
November 2005**

How many food manufacturing firms are located in the Rochester MSA?

This map explores food manufacturing firms, employment and wages in the Rochester Metropolitan Area. Monroe County has the greatest concentration of employment with 61,800 workers employed by 1,000 firms. Food manufacturers in Genesee County paid its workers an average annual wage of \$26,000.



Source: NYS Department of Labor
Division of Research & Statistics

Active Job Seekers*
Avon, New York
November 2005

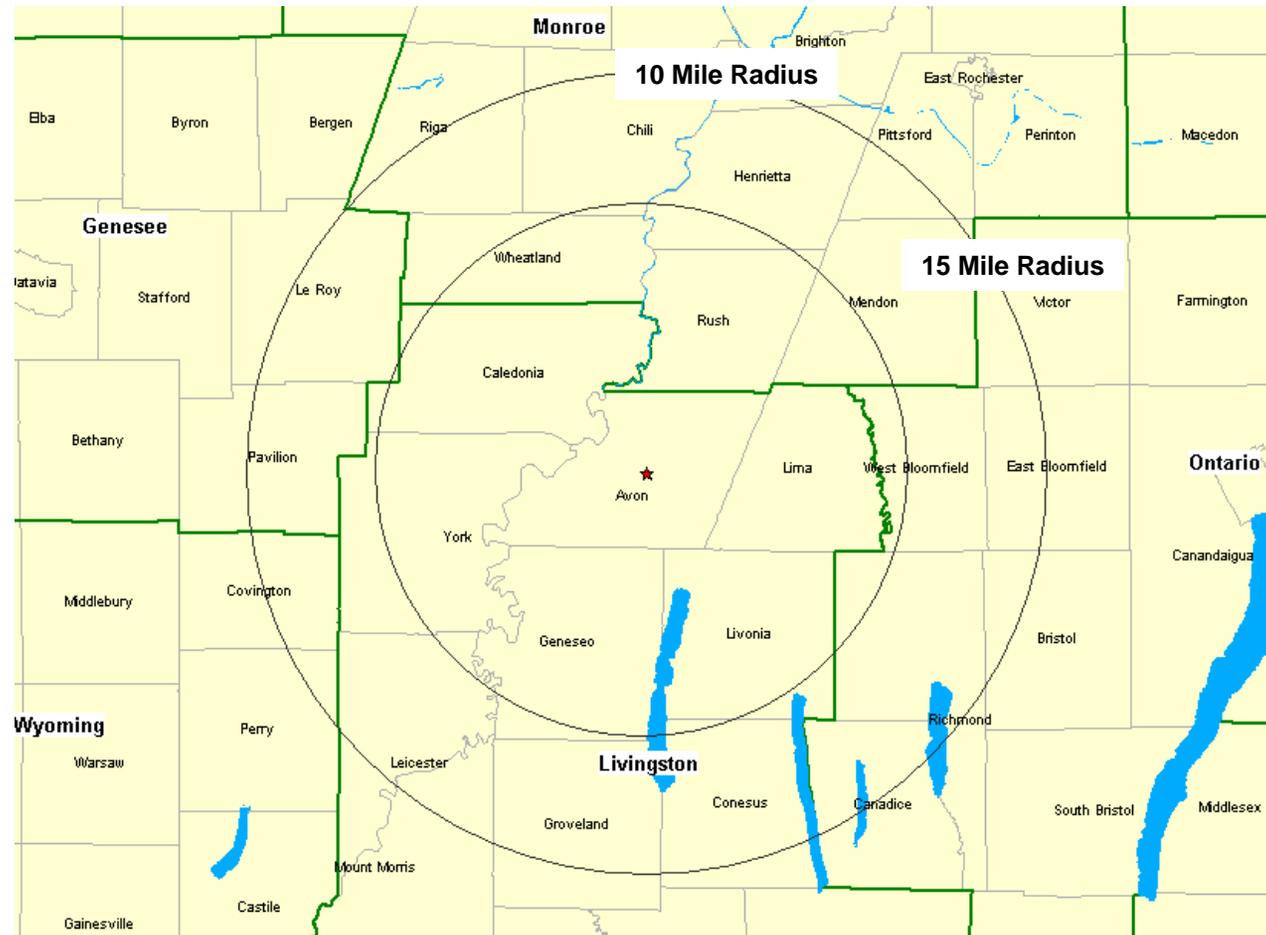
What is the local labor supply?

Over 100 prospective job seekers were found within a 10 mile radius of a proposed food manufacturing plant in Avon, Livingston County. Almost 1,000 job seekers were located within a 15 mile radius.

To assess the local labor supply staffing patterns are applied to the respective industry to identify the principle occupations in a targeted industry. The NYS Department of Labor can then identify the number active job seekers in those occupations. Of course, this number only represents individuals who have registered with the NYS Department of Labor and represents only a portion of the local labor supply.

Active Job Seekers:
Within 10 Mile Radius-127
Within 15 Mile Radius-995

*Active job seekers includes person who are looking for work in the manufacturing sector who are registered with the NYS Department of Labor.



Active Job Seekers*
Avon, New York
November 2005

Is a 10 and 15 mile radius a reasonable distance?

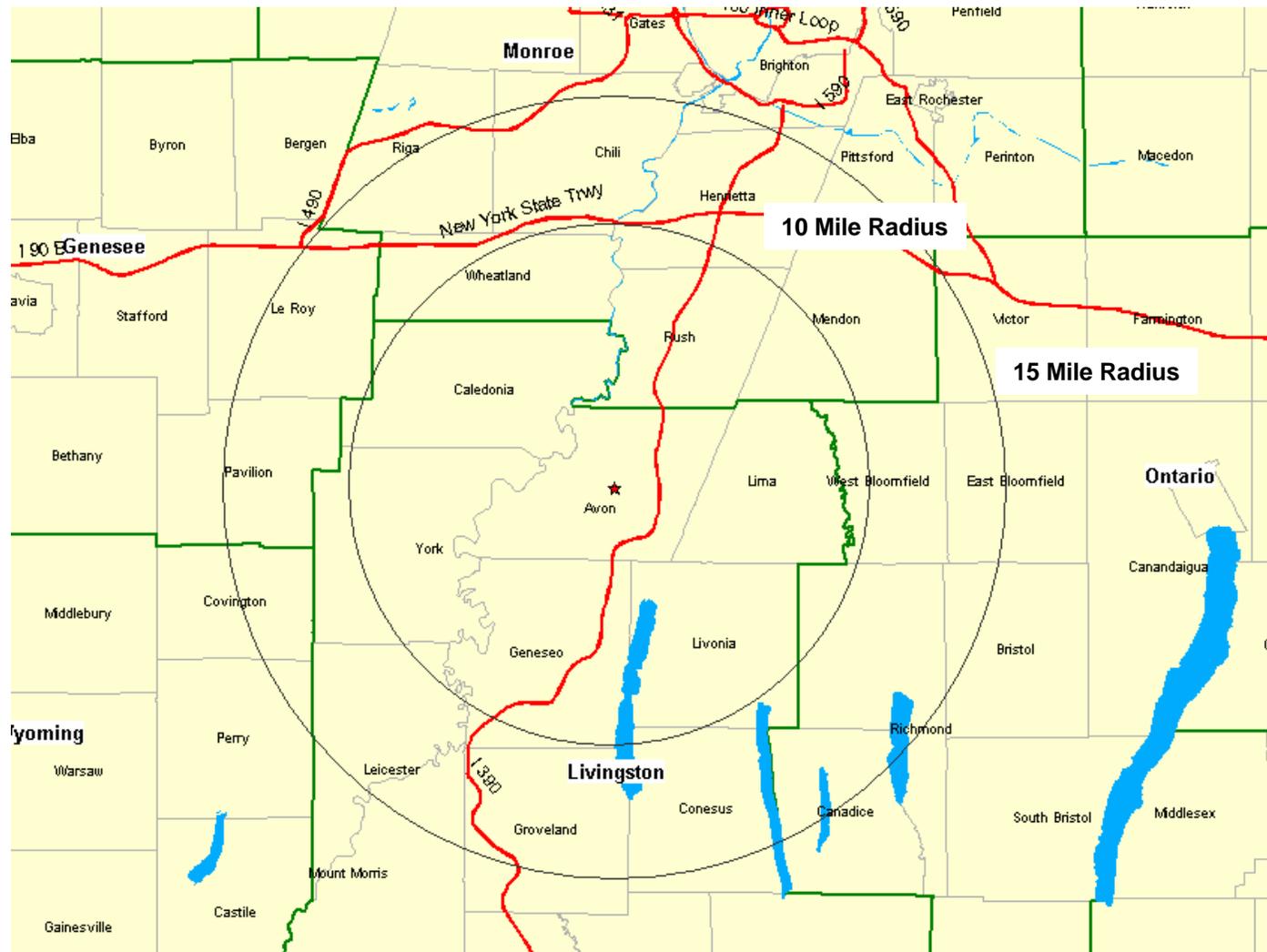
Adding major highways:

Because the prospective plant is near the 390 corridor, it will be relatively easy to attract labor from the more populated areas to the north. On average it takes 17 minutes to travel from Henrietta to Avon. This compares favorably to an average commute time in Monroe County (19 minutes), NYS (31 minutes) and the nation (25 minutes). Easy access to the NYS Thruway is an added bonus.

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Within 10 Mile Radius-127
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Source: NYS Department of Labor
Division of Research & Statistics

A look at local wages.

By applying staffing patterns we can identify the principle occupations of a select industry. Wage rates from the Occupational Employment Survey (OES) for the determined area are also provided. The survey data comprises 45 food manufacturing firms with 5,700 employees, and represents 50 percent of all firms in this industry.

Entry, median and experienced wages, although not used in this example, are also available.

Occupational Wages NAICS 3111 (Food Manufacturing)				
Rochester MSA				
Second Quarter 2004				
<i>Sample of 45 firms within this area/industry (Employment of 5,700)</i>				
	Median		Mean	
Occupation	Hourly	Annual	Hourly	Annual
Total all occupations	\$13.70	\$28,496	\$15.79	\$32,842
Management Occupations	\$37.70	\$78,413	\$44.42	\$92,399
General and Operations Managers	\$35.96	\$74,805	\$44.02	\$91,553
Industrial Production Managers	\$33.27	\$69,193	\$33.13	\$68,917
Business and Financial Operations Occupations	\$22.49	\$46,775	\$23.45	\$48,776
Accountants and Auditors	\$24.54	\$51,051	\$25.62	\$53,281
Building and Grounds Cleaning and Maintenance Occupations	\$11.36	\$23,629	\$12.50	\$26,005
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	\$11.04	\$22,969	\$11.94	\$24,844
Sales and Related Occupations	\$9.53	\$19,820	\$13.23	\$27,513
First-Line Supervisors/Managers of Retail Sales Workers	\$17.78	\$36,987	\$21.82	\$45,396
Sales Representatives, Wholesale and Manufacturing	\$18.90	\$39,306	\$16.70	\$34,743
Office and Administrative Support Occupations	\$14.60	\$30,359	\$14.71	\$30,604
First-Line Supervisors/Managers of Office and Administrative Support Workers	\$17.94	\$37,315	\$19.56	\$40,677
Bookkeeping, Accounting, and Auditing Clerks	\$13.49	\$28,053	\$13.86	\$28,839
Customer Service Representatives	\$14.11	\$29,341	\$14.02	\$29,166
Production, Planning, and Expediting Clerks	\$14.80	\$30,779	\$16.49	\$34,289
Shipping, Receiving, and Traffic Clerks	\$15.23	\$31,673	\$14.68	\$30,542
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	\$11.48	\$23,881	\$12.01	\$24,980
Office Clerks, General	\$11.89	\$24,735	\$12.13	\$25,222
Installation, Maintenance, and Repair Occupations	\$18.27	\$38,000	\$18.39	\$38,255
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	\$21.32	\$44,336	\$22.06	\$45,875
Industrial Machinery Mechanics	\$19.35	\$40,256	\$19.18	\$39,892
Maintenance and Repair Workers, General	\$16.77	\$34,882	\$16.90	\$35,149
Maintenance Workers, Machinery	\$17.99	\$37,427	\$18.31	\$38,090
Production Occupations	\$12.07	\$25,113	\$12.51	\$26,018

More wage data.

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Production Occupations	\$12.07	\$25,113	\$12.51	\$26,018
First-Line Supervisors/Managers of Production and Operating Workers	\$19.64	\$40,857	\$20.11	\$41,821
Bakers	\$10.30	\$21,430	\$10.87	\$22,614
<u>Food Batchmakers</u>	\$10.69	\$22,240	\$10.87	\$22,603
Food Cooking Machine Operators and Tenders	\$15.32	\$31,863	\$14.77	\$30,724
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	\$9.25	\$19,231	\$10.95	\$22,769
Mixing and Blending Machine Setters, Operators, and Tenders	\$13.31	\$27,686	\$12.87	\$26,771
Inspectors, Testers, Sorters, Samplers, and <u>Weighers</u>	\$13.20	\$27,459	\$13.58	\$28,239
Packaging and Filling Machine Operators and Tenders	\$11.40	\$23,714	\$11.53	\$23,992
Helpers--Production Workers	\$10.33	\$21,477	\$10.62	\$22,083
Transportation and Material Moving Occupations	\$12.77	\$26,553	\$13.28	\$27,621
Truck Drivers, Heavy and Tractor-Trailer	\$13.40	\$27,865	\$13.65	\$28,382
Truck Drivers, Light or Delivery Services	\$13.06	\$27,168	\$13.88	\$28,872
Industrial Truck and Tractor Operators	\$13.64	\$28,372	\$13.70	\$28,498
Cleaners of Vehicles and Equipment	\$12.13	\$25,233	\$12.76	\$26,541
Laborers and Freight, Stock, and Material Movers, Hand	\$13.24	\$27,532	\$14.01	\$29,138
Packers and Packagers, Hand	\$9.34	\$19,425	\$9.51	\$19,789

Barilla America Inc. plans to build an \$87.7 million pasta-making and distribution center in Avon, NY.



Barilla America to Build Pasta Plant, Distribution Center in Avon, NY

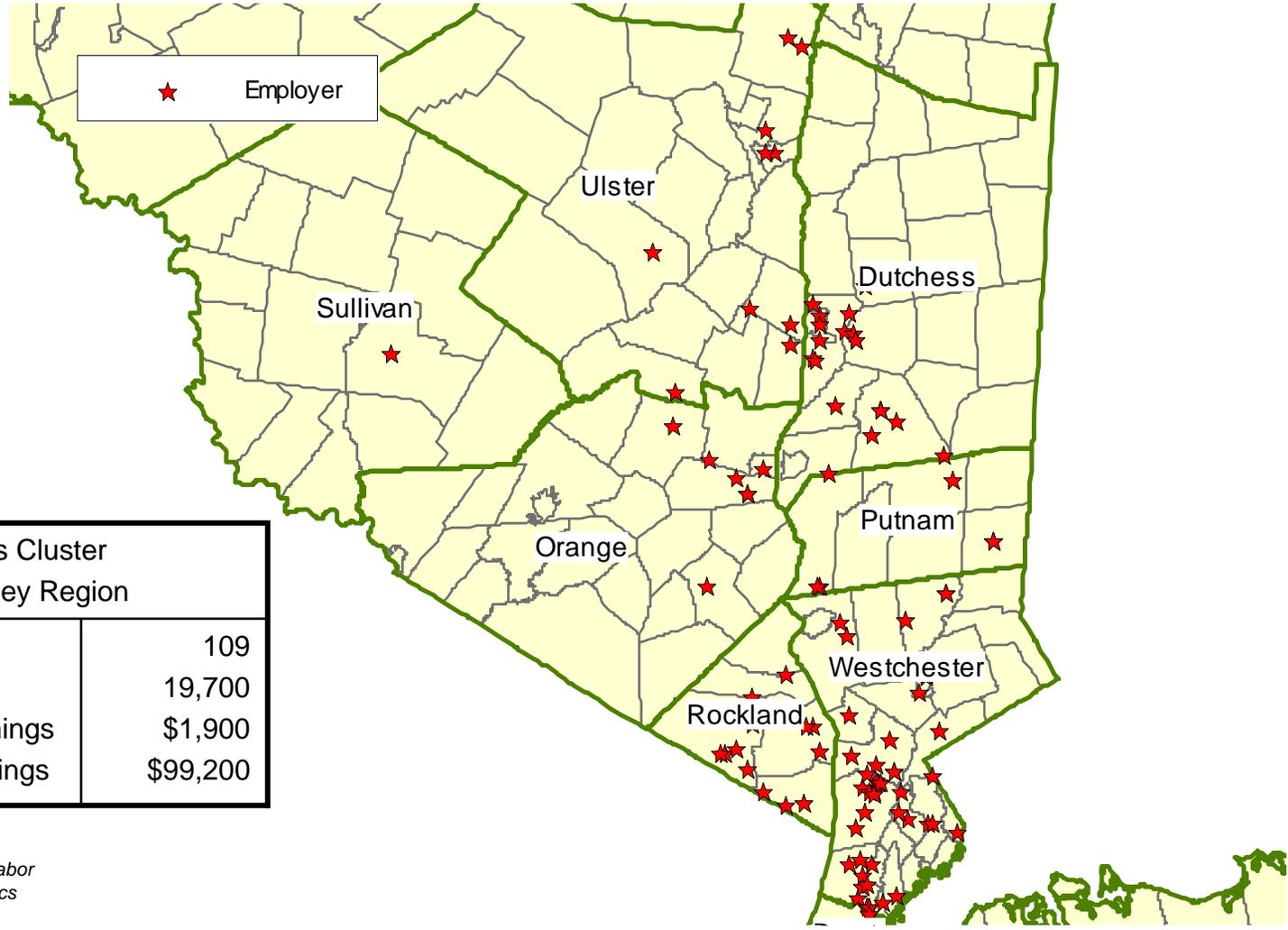
Companies to Invest total of \$96 Million in Facility, Creating 121 Jobs

Avon, NY, March 10, 2006 – Barilla America, Inc. (Barilla), maker of America’s top-selling brand of pasta, and Jacobson Warehouse Company, Inc. (Jacobson), a supply chain logistics services company, today announced plans for a new pasta-making and distribution facility in Avon, New York. Barilla will be investing approximately \$87.7 million to build its second U.S. pasta-making and distribution facility; Jacobson will be investing approximately \$8.5 million. The plant, to be located in Avon, NY, 23 miles south of Rochester and 50 miles east of Buffalo, will service the Northeastern United States, which accounts for over 50 percent of Barilla’s U.S. sales.

**Electronics Cluster Employment
Hudson Valley Region
2nd Quarter 2005**

The Hudson Valley Electronics Cluster.

A request for information on the Electronics Cluster in the Hudson Valley Region resulted in the following series of maps. During the second quarter of 2005 the Hudson Valley Region boasted 109 firms in the electronics cluster and 19,700 employees. Many of these firms were located in Westchester County. Annual wages averaged \$99,200.



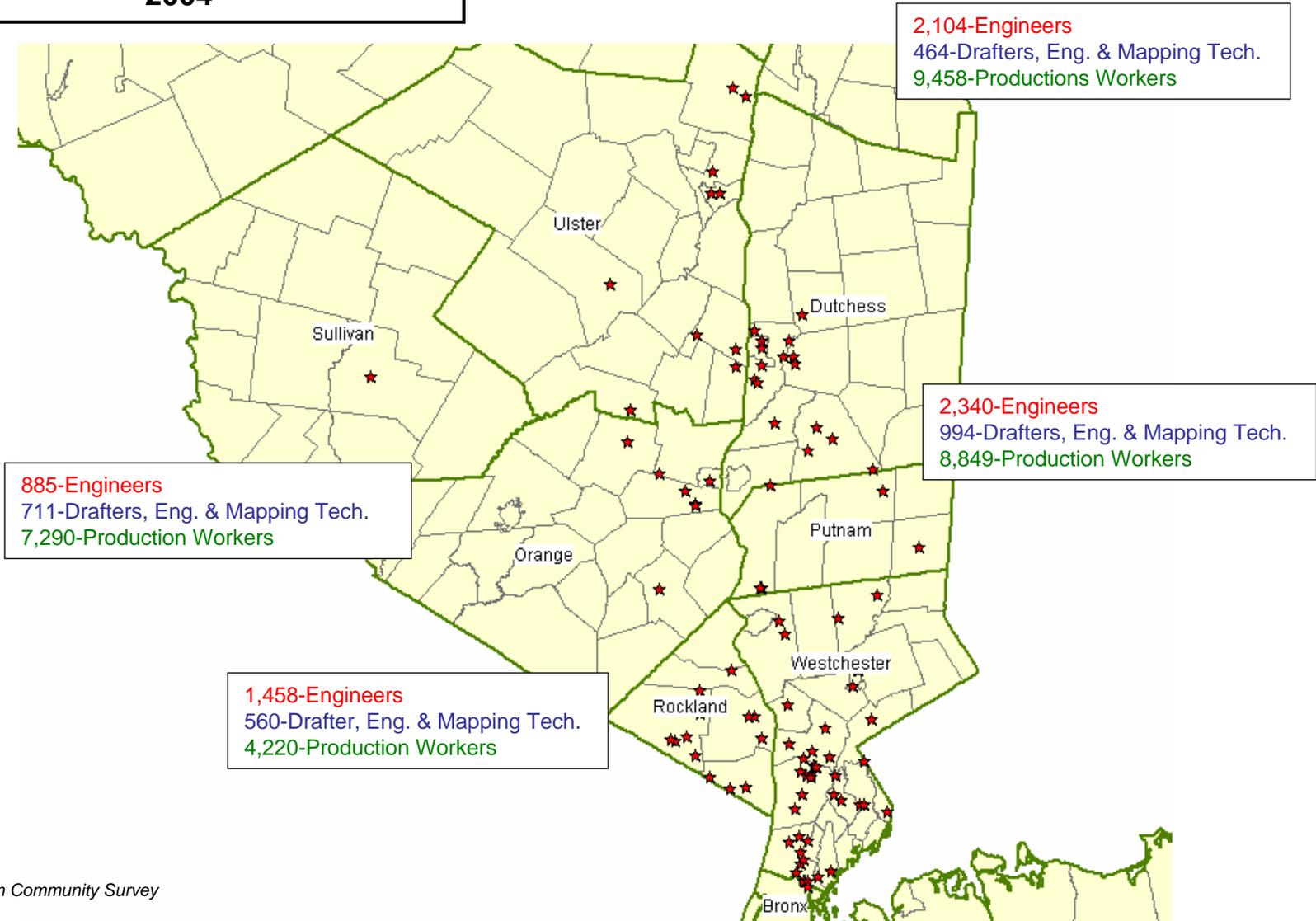
★ Employer

Electronics Cluster Hudson Valley Region	
Number of Firms	109
Average Employment	19,700
Average Weekly Earnings	\$1,900
Average Annual Earnings	\$99,200

Source: NYS Department of Labor
Division of Research & Statistics

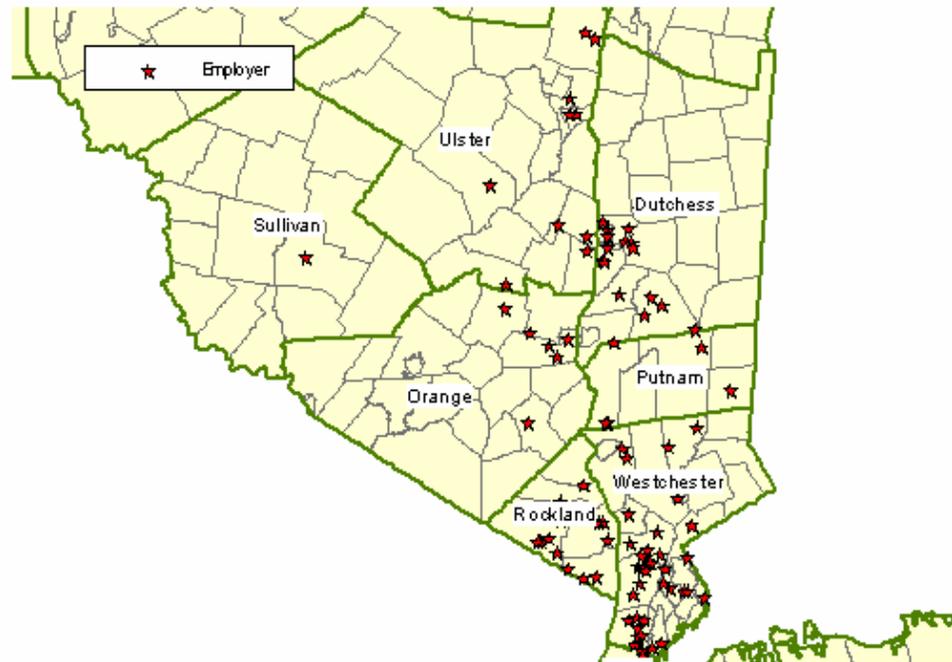
**Employment of Engineers,
Drafters, Engineering & Mapping
Technicians and Production
Workers
2004**

Counties with a greater concentration of electronics firms employ a larger number of engineers, drafters, engineering and mapping technicians and production workers.



The Electronics Cluster defined.

Firms, Employment and Payroll in the Electronics Manufacturing Cluster
Hudson Valley Region
Second Quarter 2005

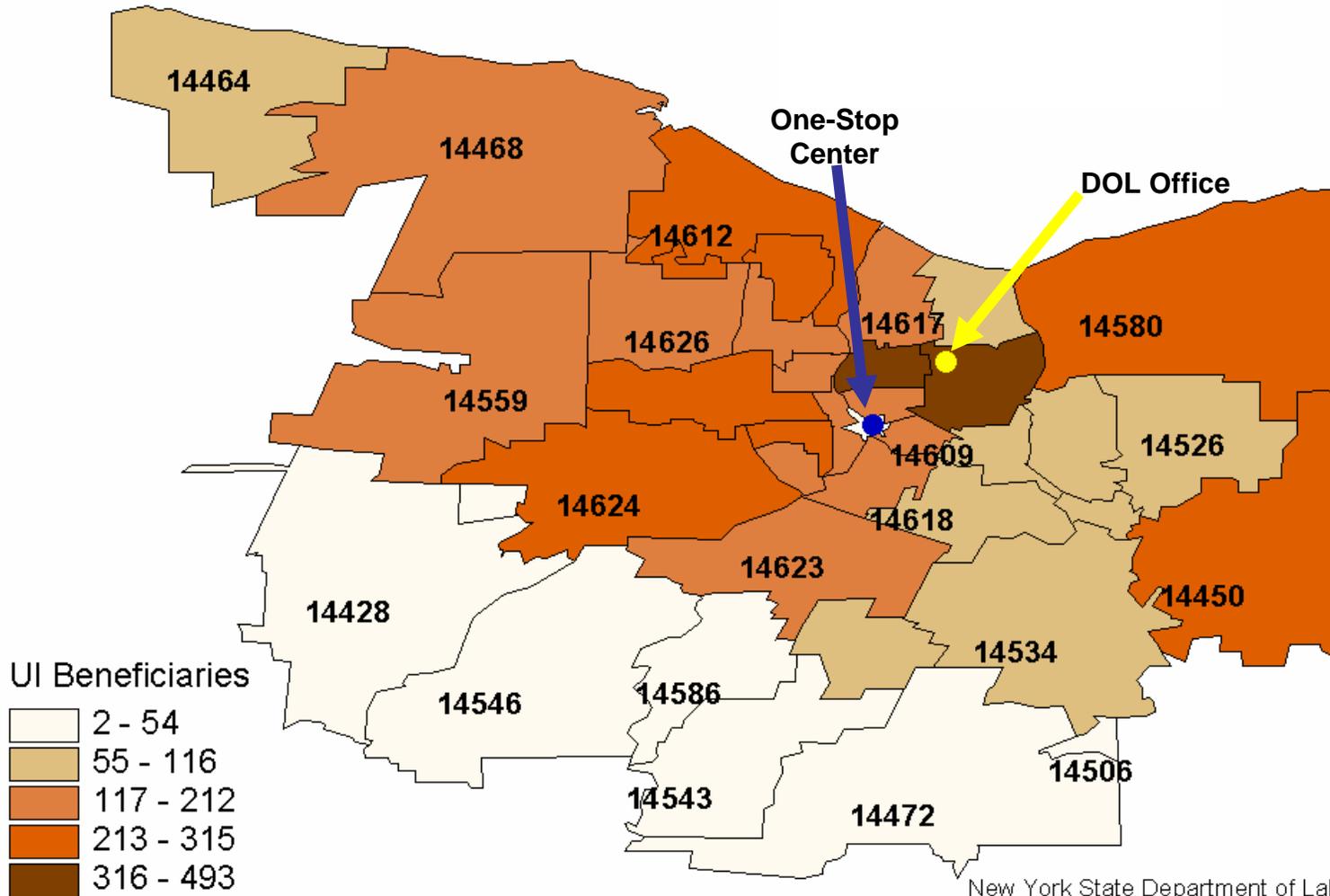


Firms and Employment in the Electronics Manufacturing Cluster Hudson Valley Region, Second Quarter 2005			
NAICS	Industry	Firms	Employment
	Total, Electronics Cluster	109	19,700
334111	Electronic Computer Manufacturing		
334119	Other Computer Peripheral Equipment Manufacturing		
334220	Radio and Television Broadcasting and Wireless Communications Equipment Mfg.		
334310	Audio and Video Equipment Manufacturing		
334413	Semiconductor and Related Device Manufacturing		

**UI Beneficiaries
Monroe County
April 2001**

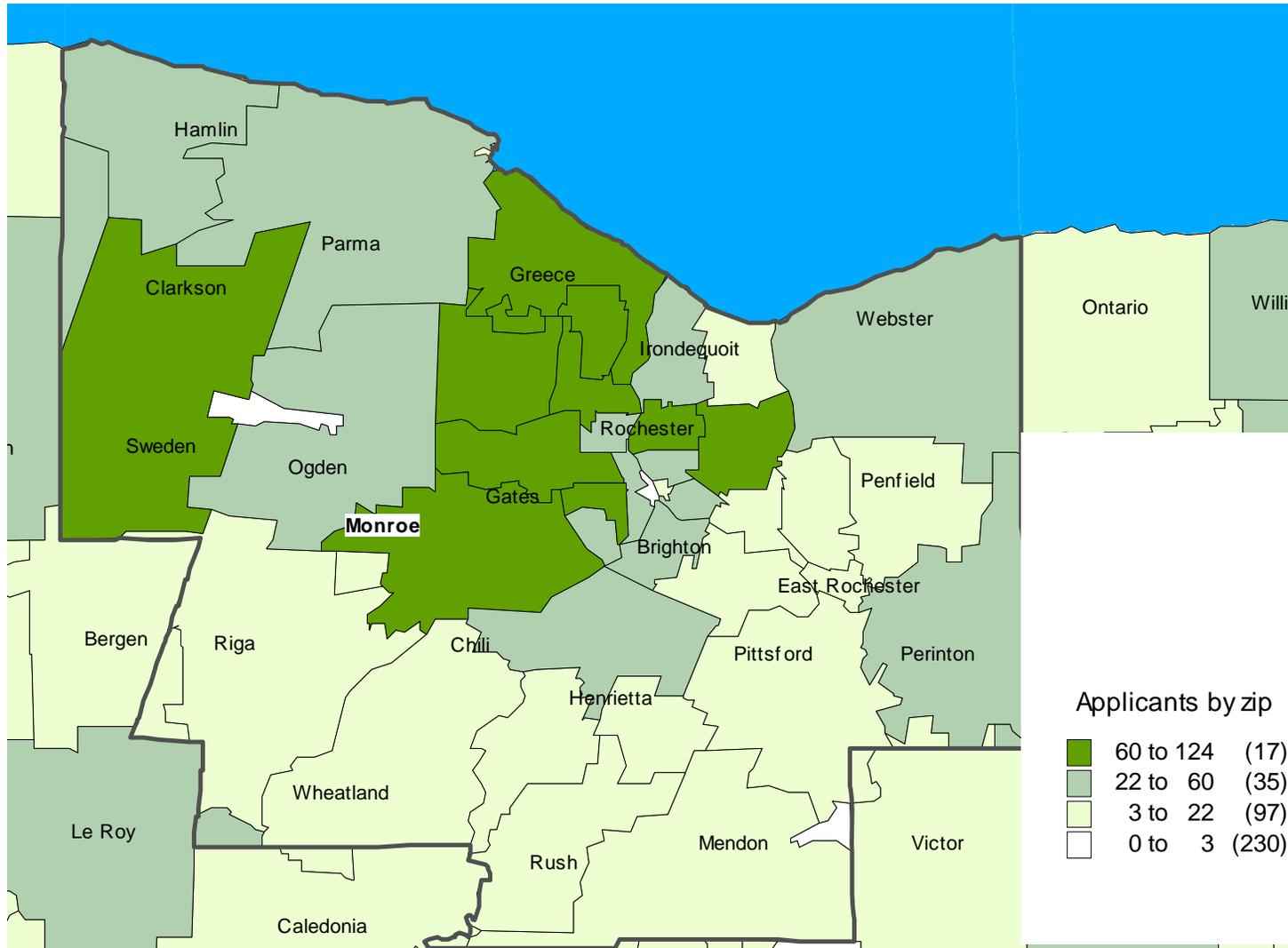
Unemployment insurance (UI) beneficiaries by zip code.

Greater concentrations of UI beneficiaries reside in the City of Rochester and some of the more populated areas of the county. The southern portion of the county is more rural and thus has lower concentrations of population.



**Applicants Registered with the
NYS Department of Employment Service
Monroe County
2004**

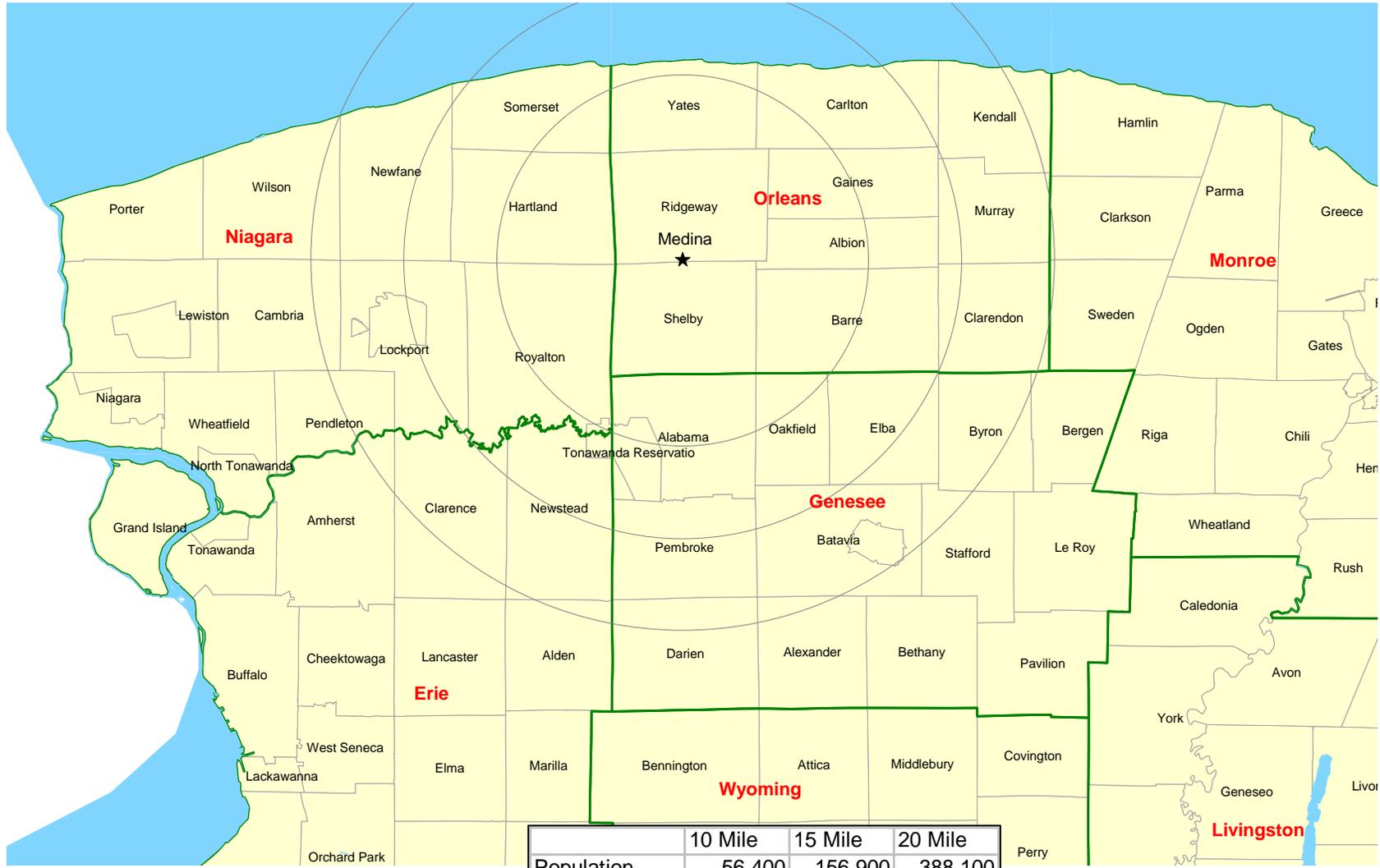
Greater concentrations of applicants are found in the western portion of the county.



Source: NYS Department of Labor
Division of Research & Statistics

**Available Work Force
Medina, NY
April 2004**

Population and Labor Force in the Medina, NY area.



Source: NYS Department of Labor
Division of Research & Statistics

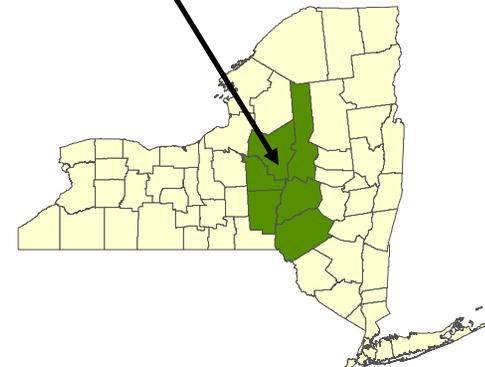
**Herkimer County Region
Population and Labor Force**

Population and Labor Force in Herkimer County.

Six County Region
Labor Force (Sept. 2004): 255,800
Population (2002): 528,300



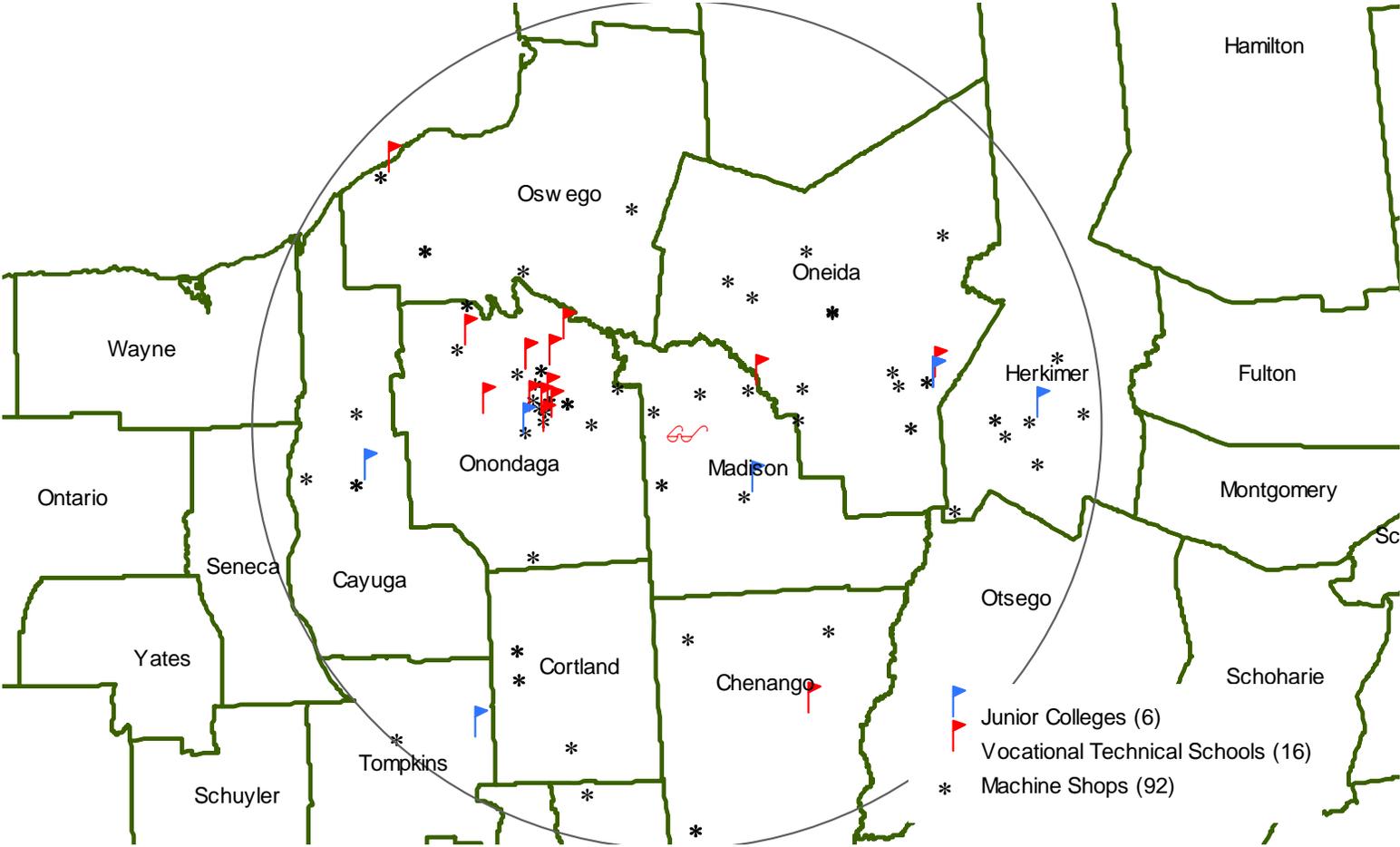
Location of map



**Junior Colleges,
Vocational Technical Schools
& Machine Shops
within 50 Mile Radius**

**The number of Junior Colleges, Vocational Technical Schools and
Machine Shops in Central New York.**

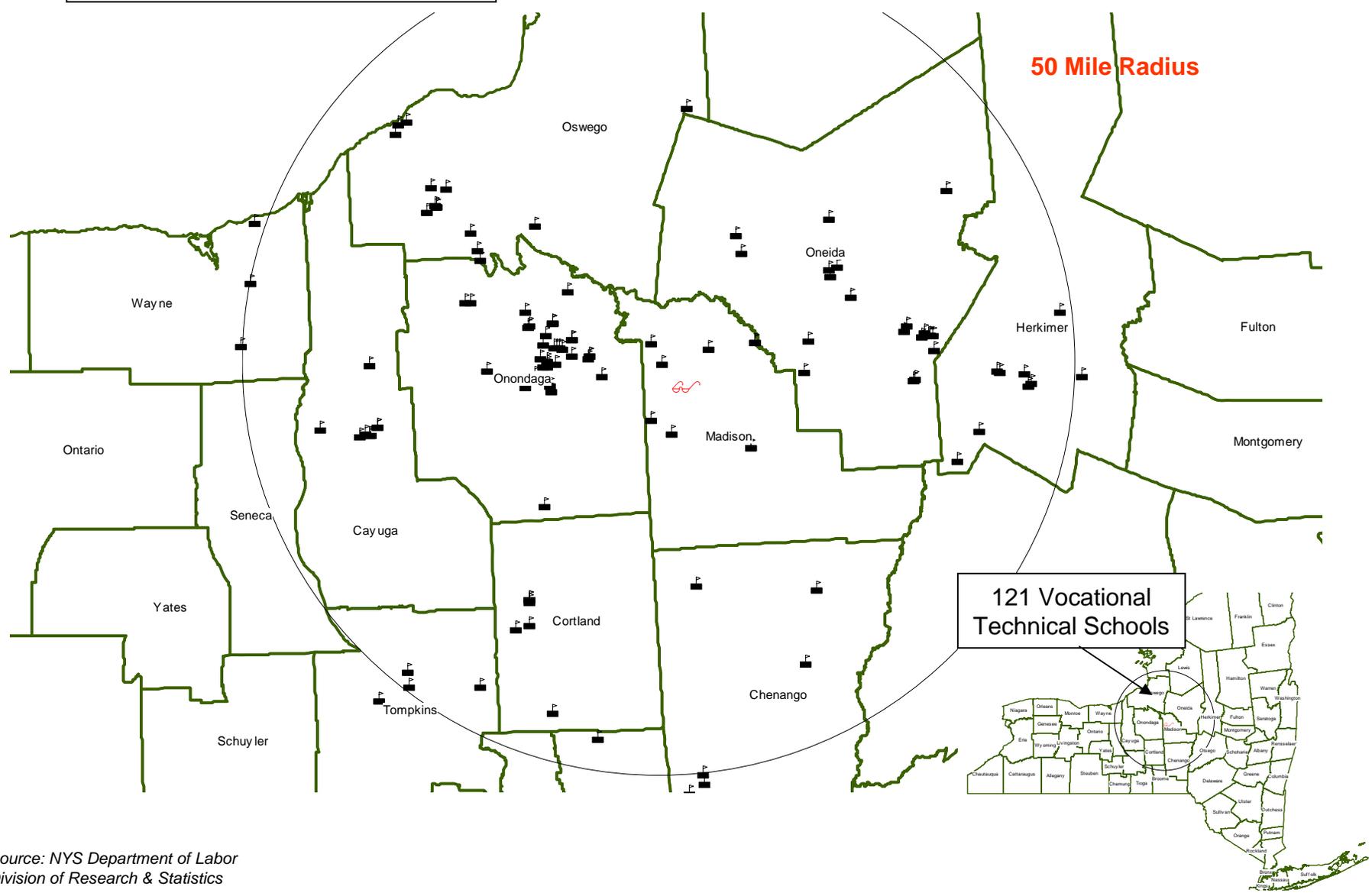
50 Mile Radius



Source: NYS Department of Labor
Division of Research & Statistics

**Vocational Technical Schools
within 50 Mile Radius
Madison County Region**

Vocational Technical Schools in a 50 mile radius of Madison County.

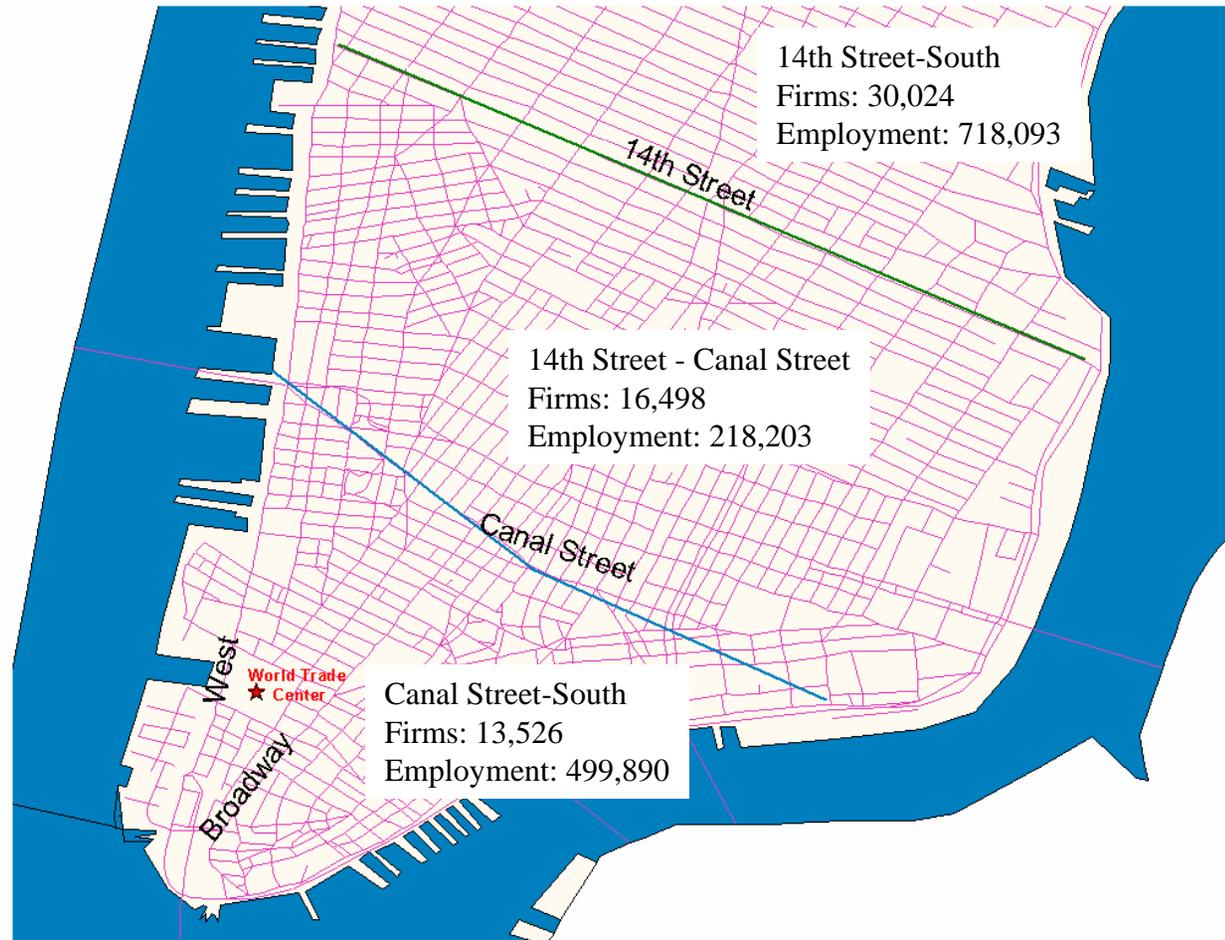


Source: NYS Department of Labor
Division of Research & Statistics

Manhattan, NY Employment and Firms

Employment impact of the 9/11 disaster.

The number of firms south of 14th Street in Manhattan, NY affected by the by the World Trade Center disaster initially totaled over 30,000 with employment nearing 720,000. As cleanup work progressed the number of firms affected lessened and more areas of lower Manhattan were reopened. Areas of Canal Street and south had the highest concentrations of employment with over 13,500 employers and almost 500,000 workers affected.



For more information, please contact:

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