

*Open*  
**FOR  
BUSINESS**





*A New Vision for*  
**Mohawk Valley's**  
**Economy**

Regional Economic  
Development Councils  
*Putting New York Back to Work*



Governor Andrew M. Cuomo  
Lieutenant Governor Robert J. Duffy

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- *Section 1:*  
**Physical and Built Environment**
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- 
- A large, powerful waterfall cascades down a rocky ledge, creating a misty spray at the base. In the foreground, a paved walkway with a metal railing runs along the edge of the waterfall. Several people are standing on the walkway, looking towards the water. The background shows a lush, green landscape with trees and a small building in the distance.
- Environmental Overview
  - Infrastructure
  - Real Estate
  - Culture, Tourism, and Quality of Life

## Environmental Overview

### Water

The most significant water resources are the Mohawk River, the Fulton Chain of Lakes and the Stillwater Reservoir. DEC offers 11 boat launch sites. Hinckley Reservoir not only serves over 130,000 residents, but is also used for the state barge canal, hydro generation and recreation.

### Fishing

Over 32 miles of fishing access, including blue ribbon trout fishing on East & West Canada Creeks.

### Open Land

DEC owns and manages five State Forests (4,654 acres), and manages nearly 50,000 acres of working forest Conservation Easement lands and over 360,000 acres of Adirondack Forest Preserve.

### Water

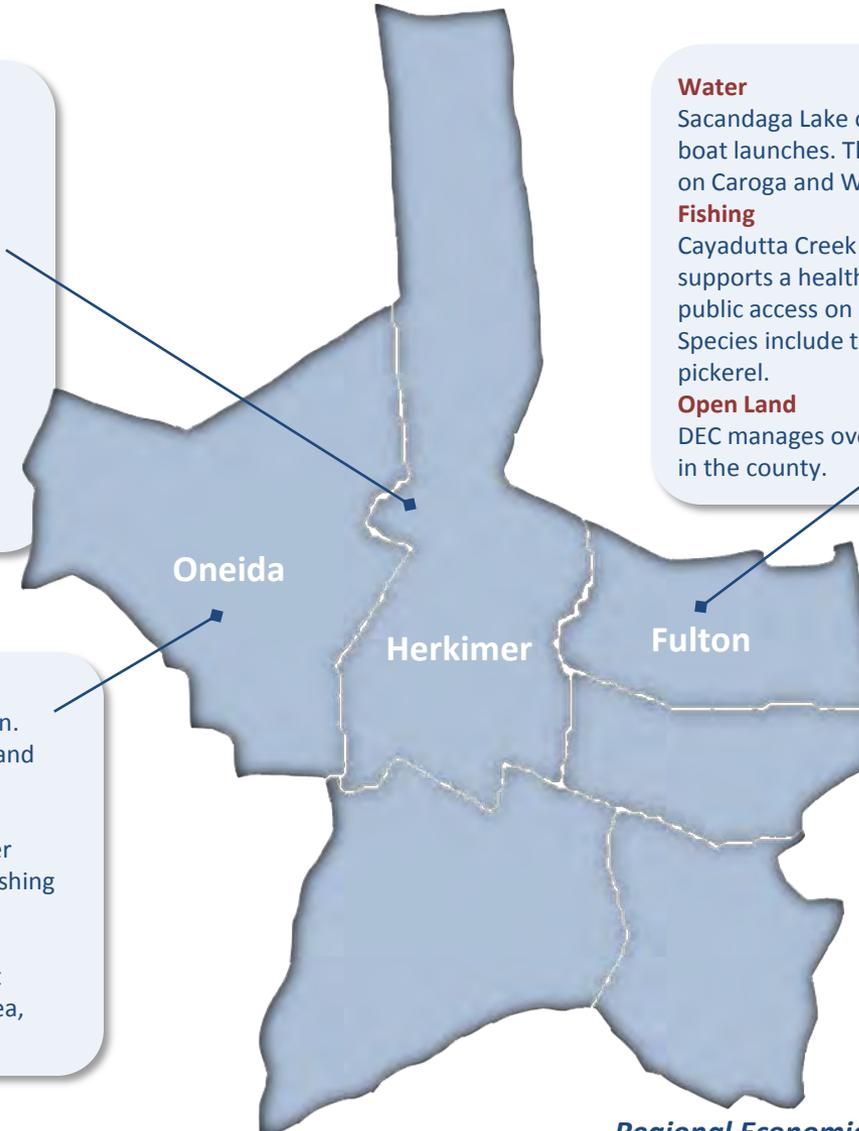
Sacandaga Lake offers three State-owned boat launches. There are other access sites on Caroga and West Lakes.

### Fishing

Cayadutta Creek was polluted -- now it supports a healthy trout fishery. There is public access on many creeks and lakes. Species include trout, bass, pike, walleye and pickerel.

### Open Land

DEC manages over 8,300 acres of open land in the county.



### Water

Oneida Lake is a major site for outdoor recreation. There are nine DEC boat launches in the county and three hydropower facilities.

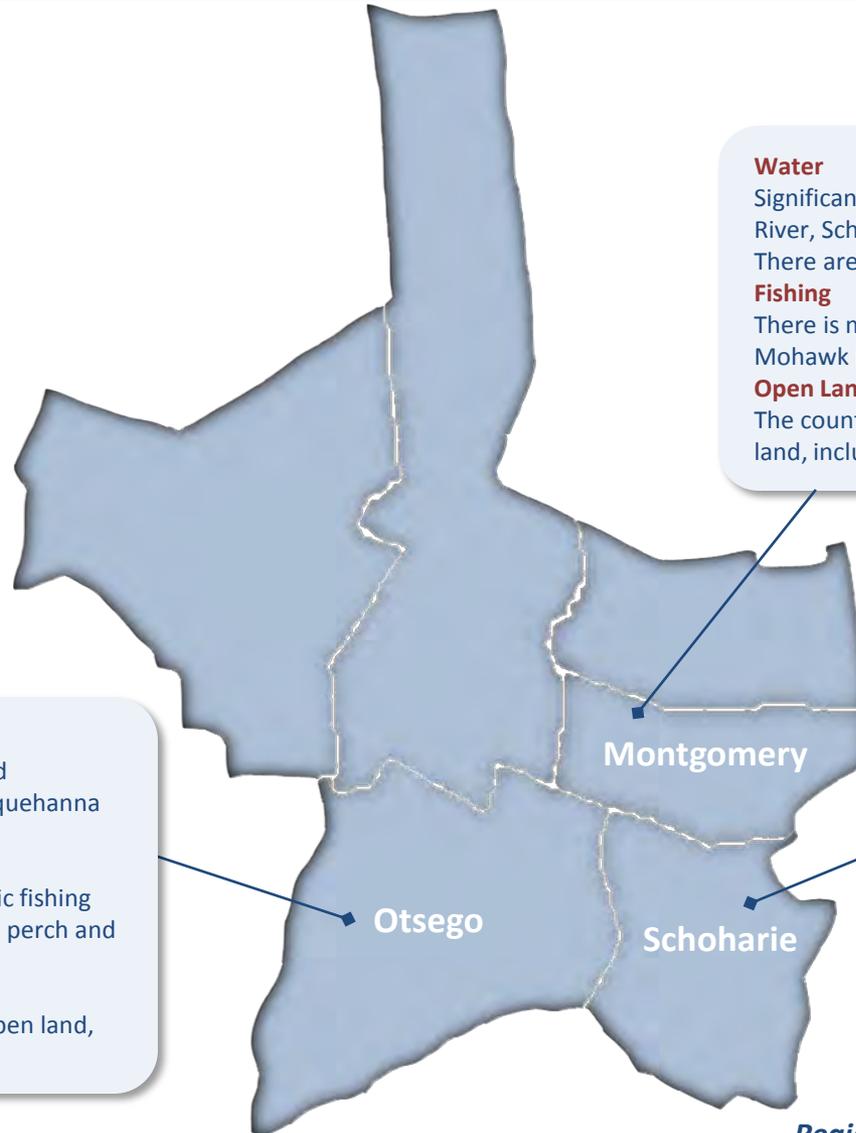
### Fishing

Black River, Oriskany Creek and Oneida Lake offer great fishing. The county has over 114 miles of fishing access. DEC has a fish hatchery in Constantia.

### Open Land

DEC manages nearly 5,200 acres in the county. It includes Oriskany Flats Wildlife Management Area, which has 774 acres.

# Environmental Overview



**Water**

DEC has boat launches on Otsego and Canadarago Lakes and along the Susquehanna River.

**Fishing**

The county has over 22 miles of public fishing access, for species that include trout, perch and landlocked salmon.

**Open Land**

DEC manages over 20,000 acres of open land, including 20 State forests.

**Water**

Significant resources include the Mohawk River, Schoharie Creek and Beardsley Lake. There are 8 boat launch sites in the county.

**Fishing**

There is much public fishing access along the Mohawk River and Schoharie Creek.

**Open Land**

The county has nearly 8,000 acres of open land, including four State forests.

Montgomery

**Water**

Includes the Gilboa Dam and Schoharie Creek and Schoharie Reservoir. There are three boat launches.

**Fishing**

Public fishing access on Panther Creek and Schoharie Creek for trout and black bass.

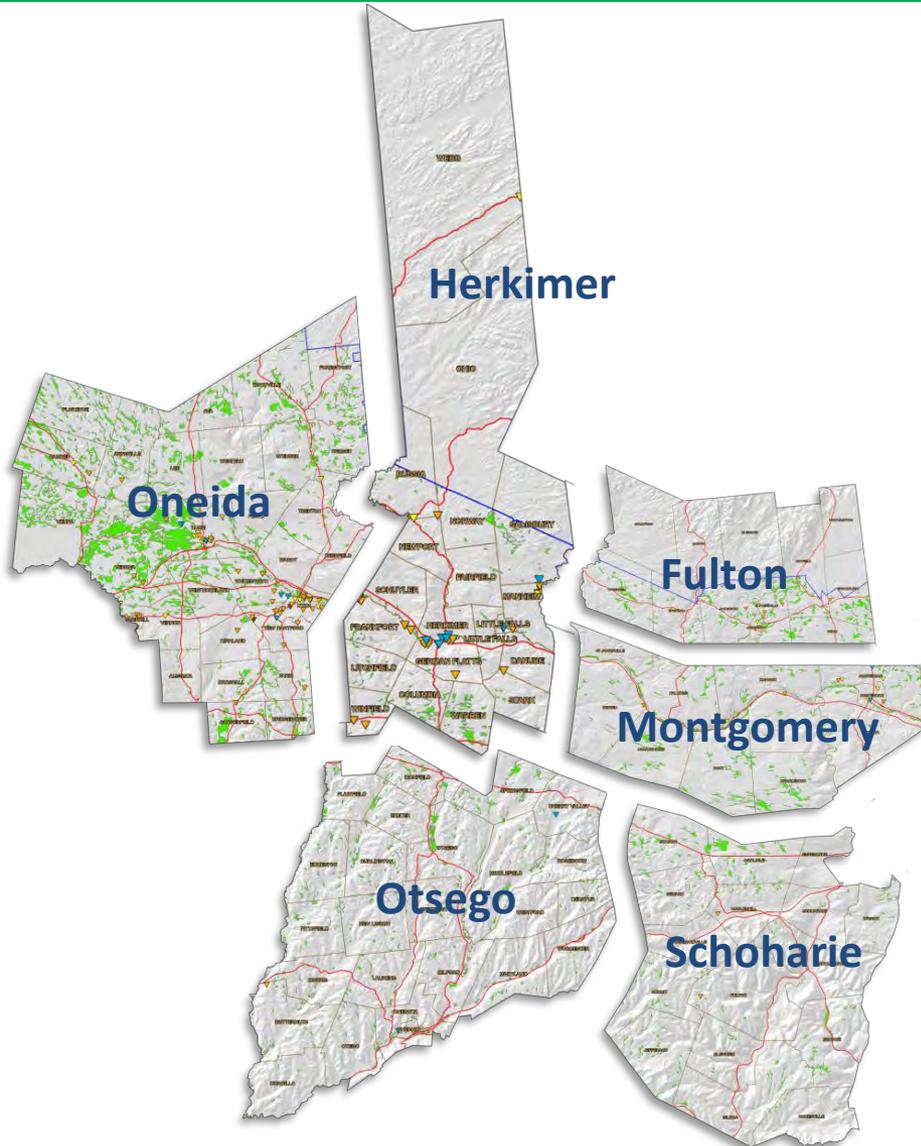
**Open Land**

The county has over 33,000 acres of open land, including 23 State forests.

Otsego

Schoharie

# Environmental Overview

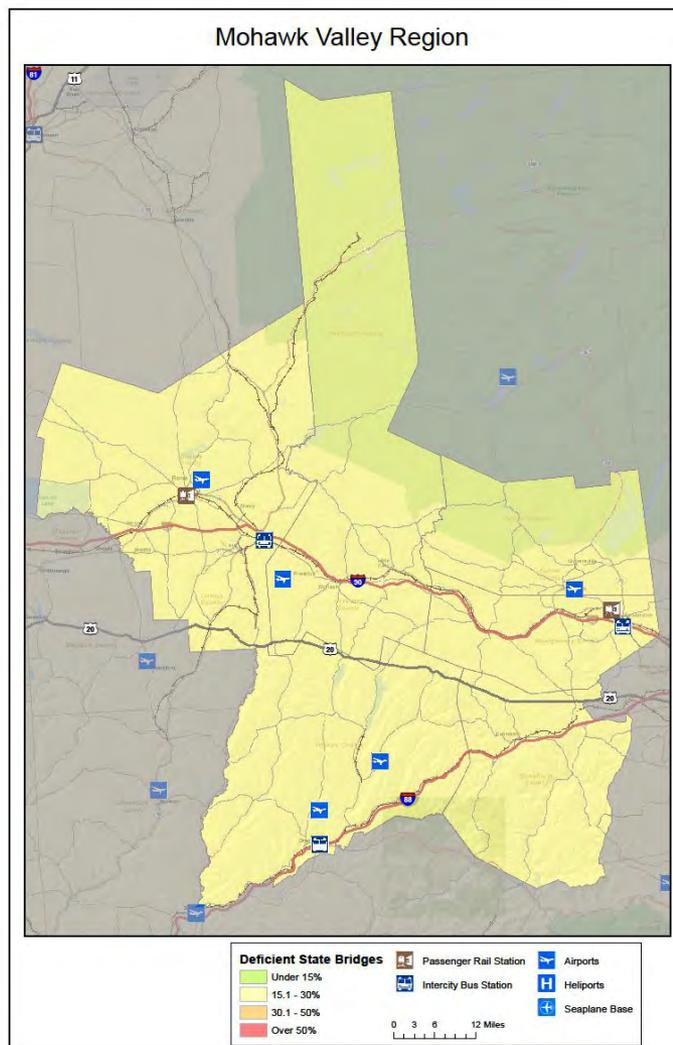


## Environmental Map



Source: NYS Department of Environmental Conservation

# Infrastructure



## Transportation Indicators: Mohawk Valley

Source: NYS Department of Transportation

# Infrastructure



## Mohawk Valley 2008 Clean Water and Sewer Infrastructure Needs Survey

County	Amount
Fulton	\$28,975,501
Herkimer	\$55,636,980
Montgomery	\$87,724,425
Oneida	\$390,145,637
Otsego	\$24,963,308
Schoharie	\$20,638,419
<b>Total</b>	<b>\$608,084,270</b>

Source: NYS Environmental Facilities Corporation; Community-reported data.

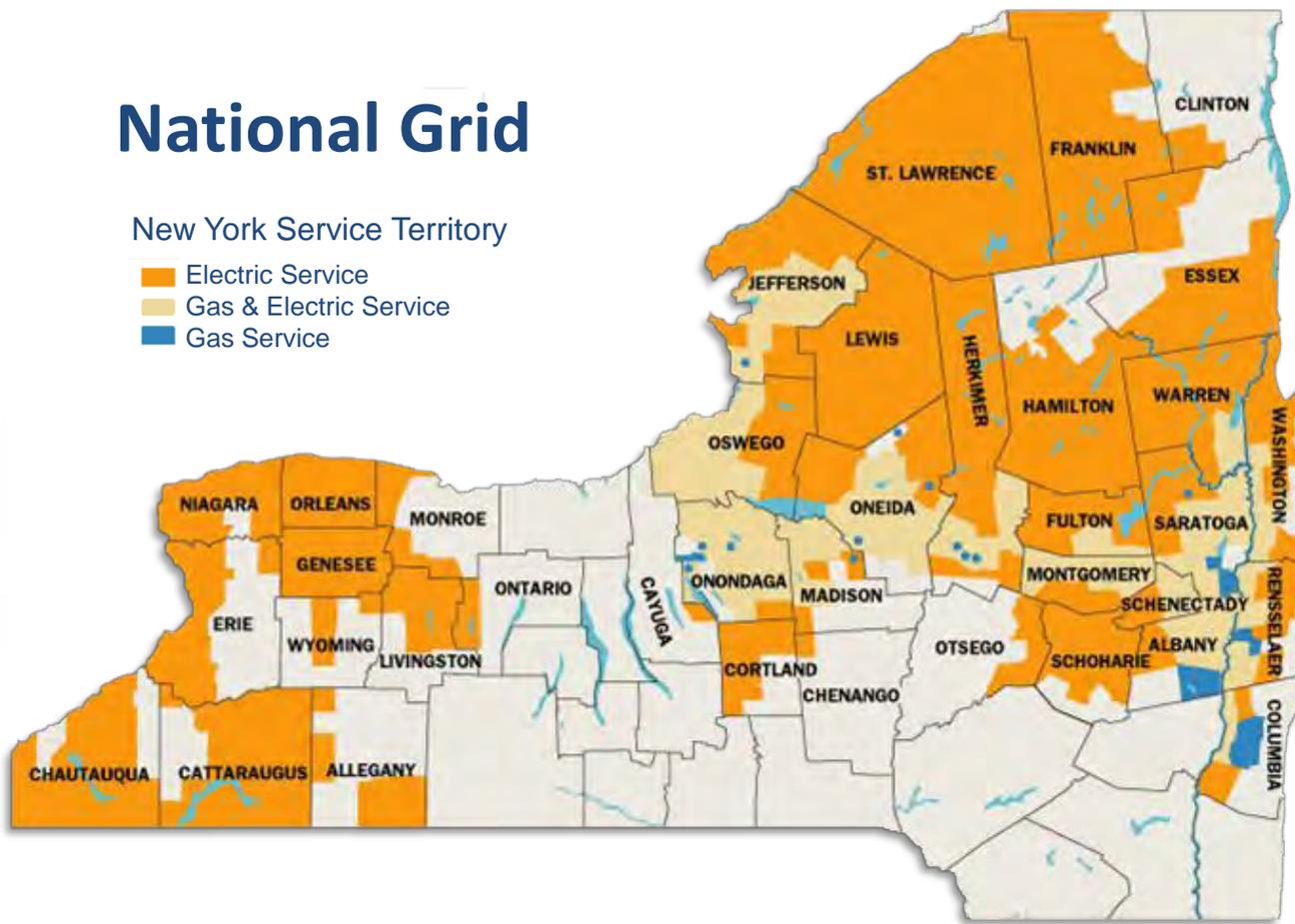


# Infrastructure

## National Grid

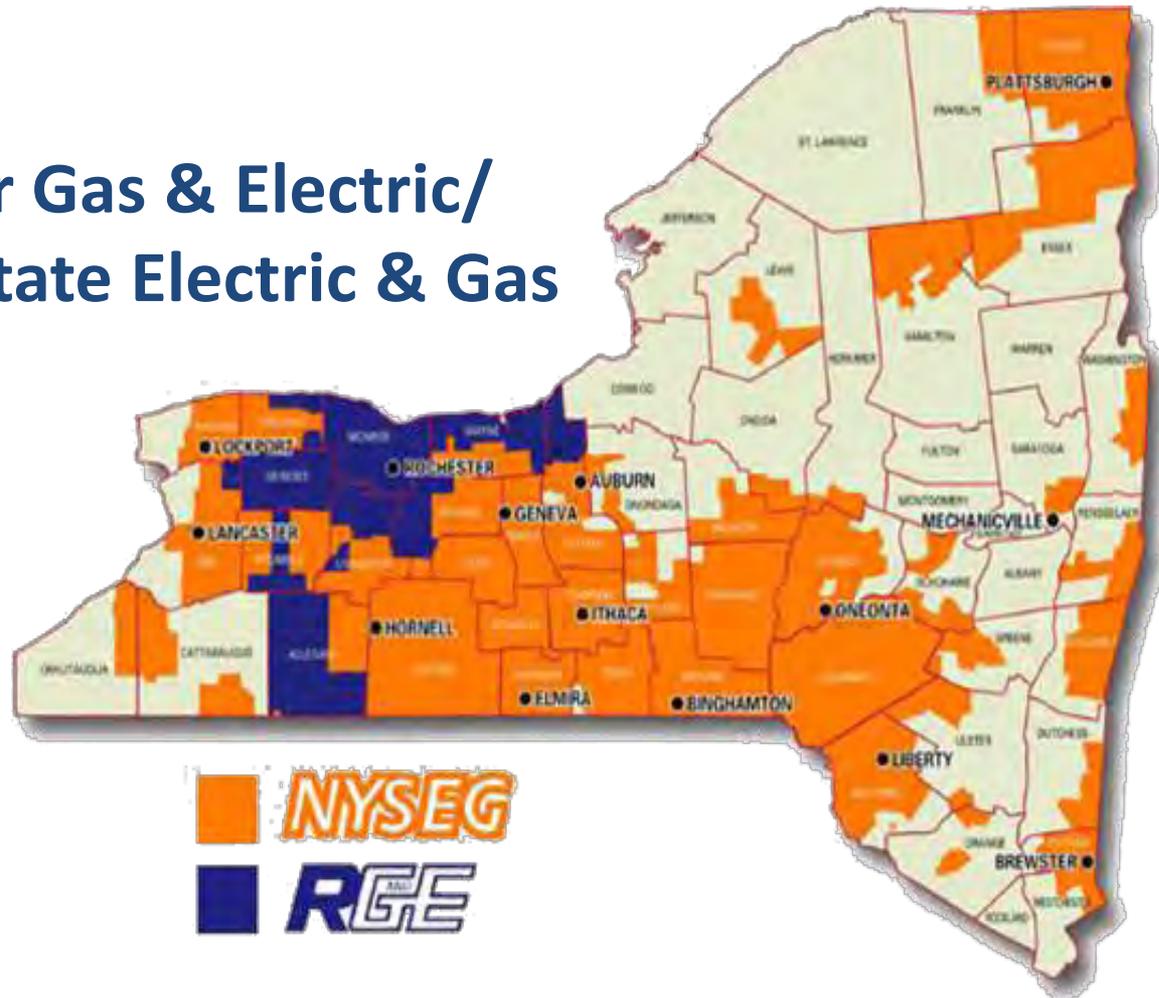
New York Service Territory

- Electric Service
- Gas & Electric Service
- Gas Service



# Infrastructure

## Rochester Gas & Electric/ New York State Electric & Gas



## Real Estate

## Median Sales Price of Existing Single-Family Homes

Fourth Quarter 2010 compared to Fourth Quarter 2008

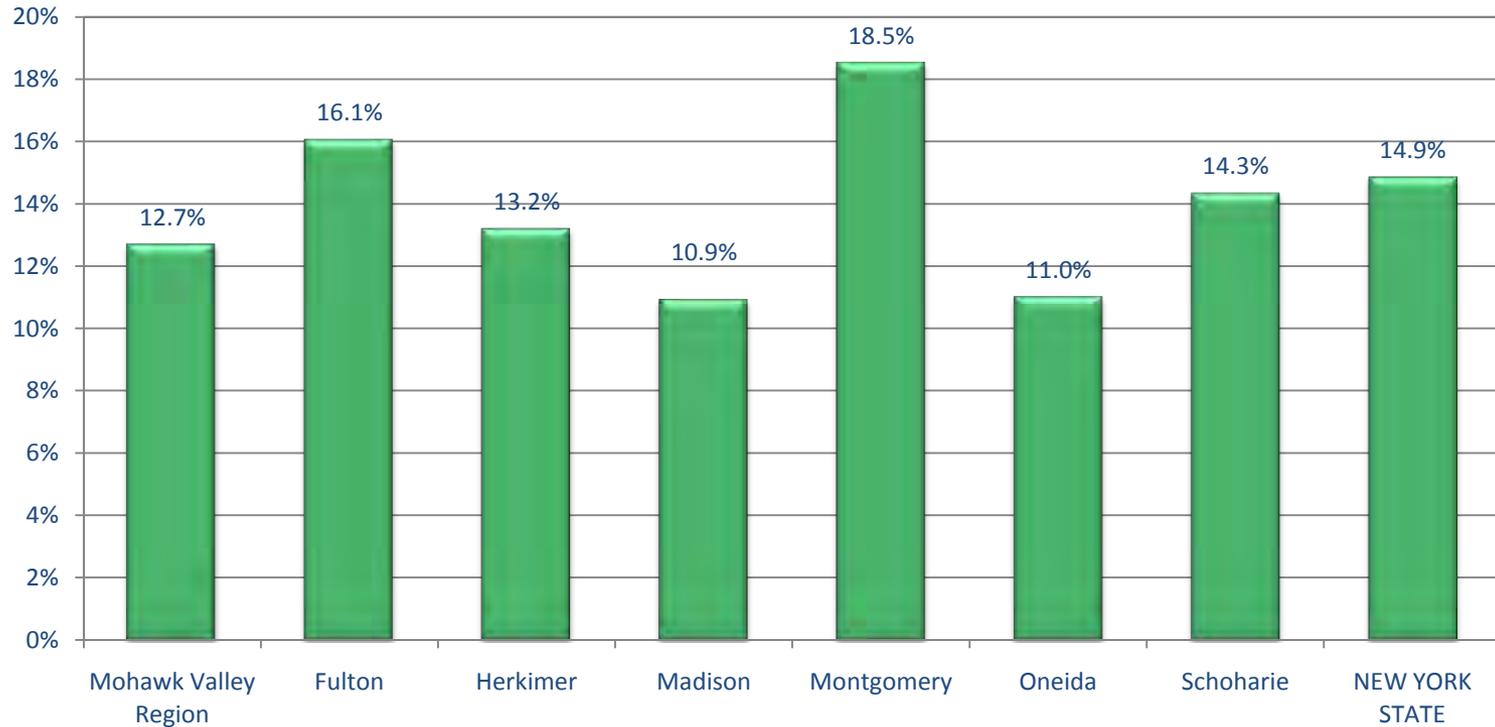
County	4th Quarter 2010p	Percent Change 4Q 2008 to 4Q 2010
Fulton	\$ 136,950	48.9%
Herkimer	\$ 93,250	34.9%
Montgomery	\$ 92,500	2.8%
Oneida	\$ 110,000	-1.8%
Otsego	\$ 129,000	-0.8%
Schoharie	\$ 118,000	-9.2%

Source: NYS Homes & Community Renewal, NYS Association of Realtors



# Real Estate

## Pre-foreclosure Filings in 2010 as Percent of Loans Originated from 2004 to 2009



Source: NYS Homes & Community Renewal



# Real Estate

## Housing Report Card (2006 – 2010)

	Rental Preservation Units	New Construction of Rental Units	Homeowner Improvement Units	Homebuyer Assistance Units
Fulton	112	48	381	24
Herkimer	461	0	512	30
Montgomery	137	0	338	32
Oneida	2,077	102	697	216
Otsego	127	48	671	110
Schoharie	80	0	384	32
<b>Total</b>	<b>2,994</b>	<b>198</b>	<b>2,983</b>	<b>444</b>

*Note:* NYS Homes and Community Renewal records the affordable housing units assisted by programs administered by HCR, the New York State Office of Temporary Disability Assistance and the New York State Office of Mental Health.

*Rental Preservation Units* – HCR-supported units that have either had their affordability period extended for existing and future tenants or assistance for moderate to gut rehabilitation of existing, aging affordable housing which also extends the affordability period.

*Source:* NYS Homes & Community Renewal.



# Real Estate

## Affordable Housing Coverage Rate

County	Number of Renters at or Below 50% of AMI	Renter Coverage Rate	Number of Owners at or Below 50% of AMI	Homeowner Coverage Rate
Fulton	3,255	4.9%	2,655	15.3%
Herkimer	2,940	15.7%	2,735	19.8%
Montgomery	2,270	6.0%	2,110	17.5%
Oneida	13,615	16.0%	8,365	10.9%
Otsego	3,295	5.3%	2,335	33.4%
Schoharie	1,580	5.1%	1,715	24.3%
<b>Total</b>	26,955	N/A	19,915	N/A

*Notes:* The HCR Affordable Housing Renter and Homeowner Coverage Rate is a way of measuring the proportion of low-income residents in a county impacted by HCR programs funded 2006-2010.

*AMI* – Area Median Income is the midpoint family income for a metropolitan area or a non-metropolitan county calculated each year by the US Department of Housing and Urban Development for use in determining eligibility for housing programs.

*Source:* NYS Homes & Community Renewal, 2009 HUD Comprehensive Housing Affordability Strategy (CHAS) Data Book.



# Real Estate

## Housing and Affordability Indicators

	Percent of Units that are Renter Occupied	Percent of Housing Units Built Before 1940	Percent of Renters with 'Severe Cost Burden'	Percent of Owners with 'Severe Cost Burden'	Percent of Residential Addresses that are Vacant
Fulton	28.3%	41.1%	23.7%	10.5%	5.9%
Herkimer	28.3%	41.9%	20.1%	7.5%	4.9%
Montgomery	29.7%	48.5%	19.3%	8.7%	7.3%
Oneida	31.8%	37.4%	21.8%	8.2%	5.0%
Otsego	28.7%	43.8%	28.6%	7.1%	5.2%
Schoharie	22.6%	33.5%	19.2%	6.5%	5.2%

'Severe cost burden' is spending more than 50% of their gross income on housing costs.

Source: NYS Homes & Community Renewal, Quarter 3 2010 HUD Aggregated United States Postal Service Data, 2009 HUD CHAS Data Book.



# Culture, Tourism and Quality of Life

## Mohawk Valley Economic Impact of Visitor Spending

County	Amount in Millions
Fulton	\$ 46.0
Herkimer	\$ 84.9
Montgomery	\$ 33.1
Oneida	\$ 950.7
Otsego	\$ 141.6
Schoharie	\$ 47.3

Source: Tourism Economics, 2009

# Culture, Tourism and Quality of Life



## Mohawk Valley State Parks and Historic Sites

### 2009 Annual Attendance

Verona Beach	275,314	Schoharie Crossing	52,615
Delta Lake	194,583	Johnson Hall	47,812
Glimmerglass	105,520	Mine Kill	47,602
Gilbert Lake	89,999	Max V. Shaul	3,877
Bowman Lake	41,537		
Herkimer Home	27,854		
Betty and Wilbur Davis	24,490		
Canandarago Marine Park	19,745		

***Total attendance at the region's 12 parks:  
931,000***

Source: NYS Office of Parks, Recreation & Historic Preservation

# Culture, Tourism and Quality of Life



## Mohawk Valley Region State Parks and Historic Sites

### Economic Impact

An economic impact study\* estimates that in 2008-09, over 1600 jobs were created and more than \$134 million in local economic activity was generated by State Parks in the area.

### Quality of Life

The recreational and natural resources created by the area's parks and historic sites benefit this region by:

- Maintaining the state's ecosystem and biodiversity
- Providing opportunities for recreation
- Reducing the negative effects from pollution
- Improving health outcomes
- Preserving areas of historic importance
- Influencing business location decisions by making the community a better place to live.

*\*Source, The NYS Park System: An Economic Asset to the Empire State: Political Economy Research Institute, Univ. of Mass, Amherst, March, 2009*

# Culture, Tourism and Quality of Life



## Mohawk Valley Region State Parks and Historic Sites

### Highlights:

#### Glimmerglass

Located just outside Cooperstown, overlooks Otsego Lake, the “Glimmerglass” of James Fenimore Cooper’s Leatherstocking Tales.

#### Hyde Hall

Otsego County’s only National Historic Landmark, was possibly the largest domestic structure built in the United States between the Revolutionary and Civil Wars.

#### Mine Kill

Contains a modern aquatics facility featuring an Olympic sized swimming pool with separate wading and diving pools.

# Culture, Tourism and Quality of Life



## Mohawk Valley Region State Parks and Historic Sites

### Regional Capital Needs

The backlog of capital projects in the Mohawk Valley is estimated to exceed \$21 million.

#### High Impact Projects:

- **Glimmerglass**  
Resurface park roads and parking areas \$1,000,000
- **Verona Beach**  
Rehabilitate the swimming beach bathhouse to meet code \$1,000,000
- **Schoharie Crossing**  
Erie Canal Preservation \$1,000,000

- 
- A blurred background image showing a busy street scene with several pedestrians walking. The image is faded and serves as a backdrop for the text.
- Regional Overview
  - Changing Demographics
  - Workforce and Education
  - Industry Structure and Concentration

## Section 2: Economic Environment



# Regional Overview



## Key Regional Assets

Located at the geographic center of New York State, the six-county Mohawk Valley Region lies within 250 miles of New York City, Boston, Philadelphia, Buffalo, Montreal and Toronto. Spanning the foothills of the Adirondacks to the Catskill Mountains, the Region's mix of rural and small urban communities offers excellent schools, affordable living and abundant year-round recreational opportunities.

- Diverse economic base
- Top tourism destinations – Adirondacks, Cooperstown, heritage sites
- Transportation infrastructure & proximity to major markets
- Well-positioned for high-tech development

# Regional Overview



## Regional Issues/Challenges

- Personal Income trends trail other metro NYS areas
- Long-term population loss; aging population
- Manufacturing decline and lower wages than other regions
- Aging infrastructure and reduced tax base
- Distressed communities
- % of bachelor degrees lower than statewide average

## Regional Overview



## Major Economic Development Projects

- Marcy NanoCenter
- Route 5 South Business Park (Herkimer)
- Cobleskill/Rt. 7 Development Corridor
- Two-county business park (Fulton/Montgomery)
- Computer Chip Commercialization Center (Quad C)
- Emerging Cyber-security cluster

# Regional Overview



## Major Economic Development Projects

### ■ Schoharie County Water and Wastewater Improvements

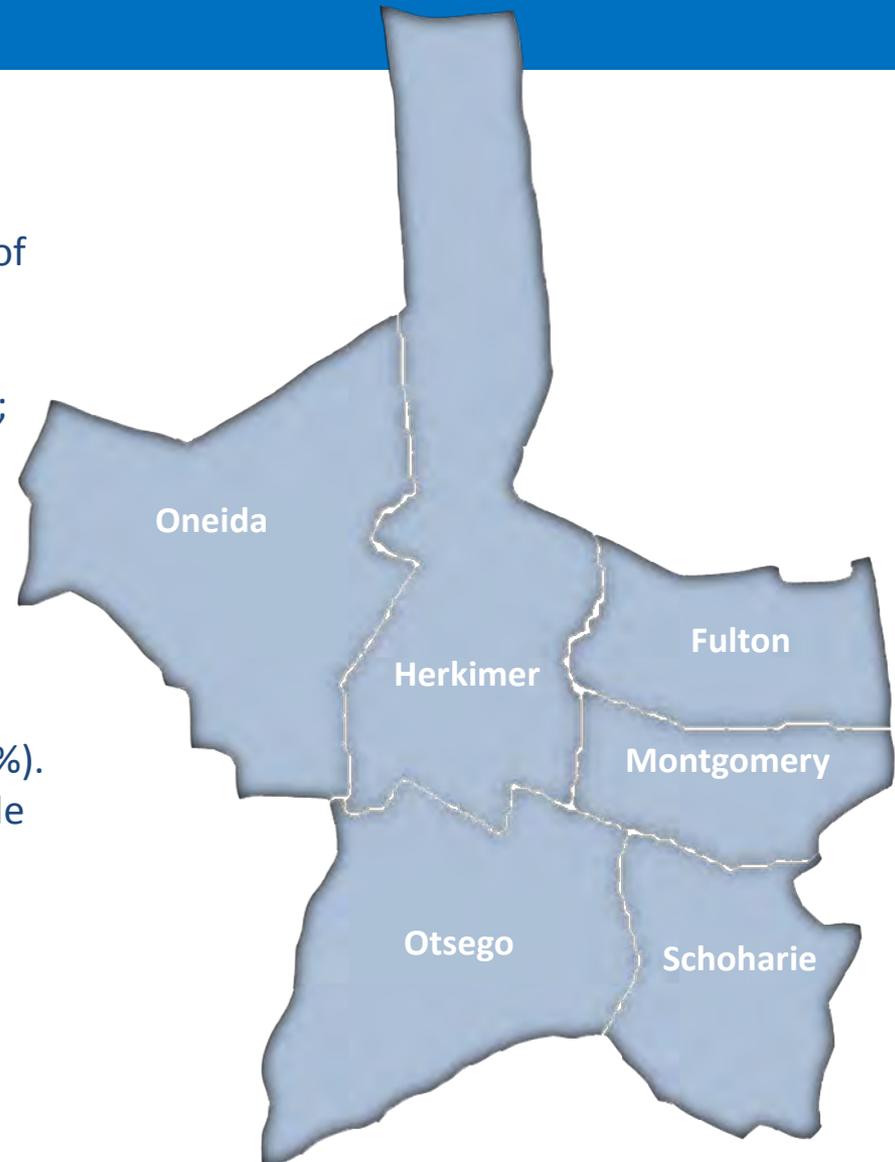
Schoharie County and the Town of Cobleskill say they have lost opportunities to create jobs, capital investment and sales tax revenue along the State Route 7 corridor because of the lack of public water and sewer facilities. The county has identified this area as a business and retail center for the community and county, and included the water-sewer project in its long-range economic development strategy.

### ■ Marcy NanoCenter

Mohawk Valley Economic Development Growth Enterprises is attempting to lure a semiconductor manufacturer to a 300-acre site in the town of Marcy, adjacent to SUNY Institute of Technology. New York State is investing \$24 million in assistance to bring the site to a shovel-ready condition. MV EDGE faces the challenge of how Oneida County's Water Pollution Control plant will handle 6 million gallons a day in wastewater from the site. Further, a U.S. Army Corps of Engineers' site permit currently forbids disturbance of wetlands on the site until a semiconductor tenant is identified.

# Changing Demographics

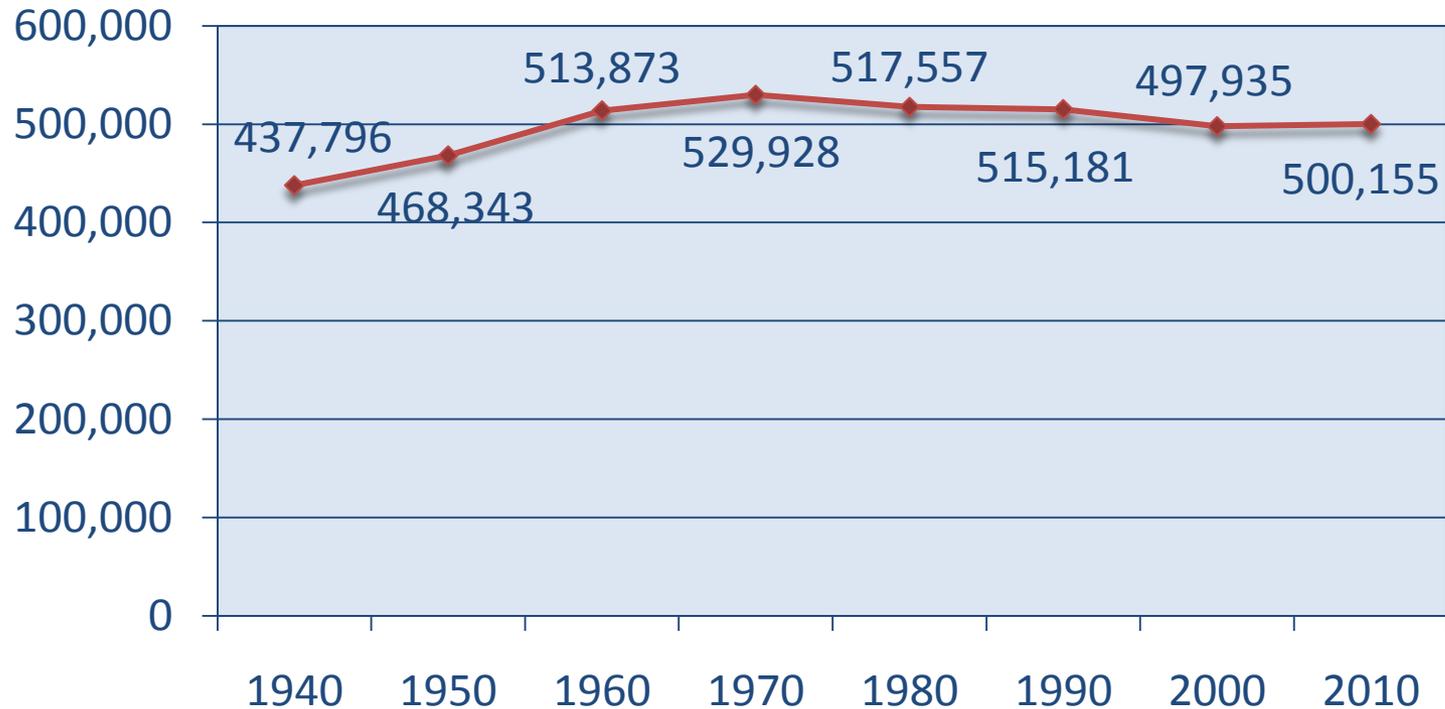
- The six-county Mohawk Valley Region grew 0.4% from 2000 to 2010, the 3<sup>rd</sup> slowest rate of growth of New York State's 10 regions.
- Only Oneida County lost population (0.2% decline); only Schoharie grew more than the state average (3.7%). The other four counties grew moderately: Fulton (0.8% increase), Herkimer (0.1%), Otsego (1.0%), Montgomery (1.0%).
- Three of the region's eight cities lost population: Little Falls (-4.8%), Rome (-3.5%), and Sherrill (-2.8%). The other five grew: Amsterdam (1.4%), Gloversville (1.8%), Johnstown (1.2%), Oneonta (4.6%), Utica (2.7%).
- The Mohawk Valley regional ethnic composition is 88.8% white, 4.3% Hispanic, 3.5% black, and 1.7% Asian.





# Changing Demographics

## Population of Mohawk Valley, 1940-2010



Source: Empire State Development, State Data Center

# Changing Demographics

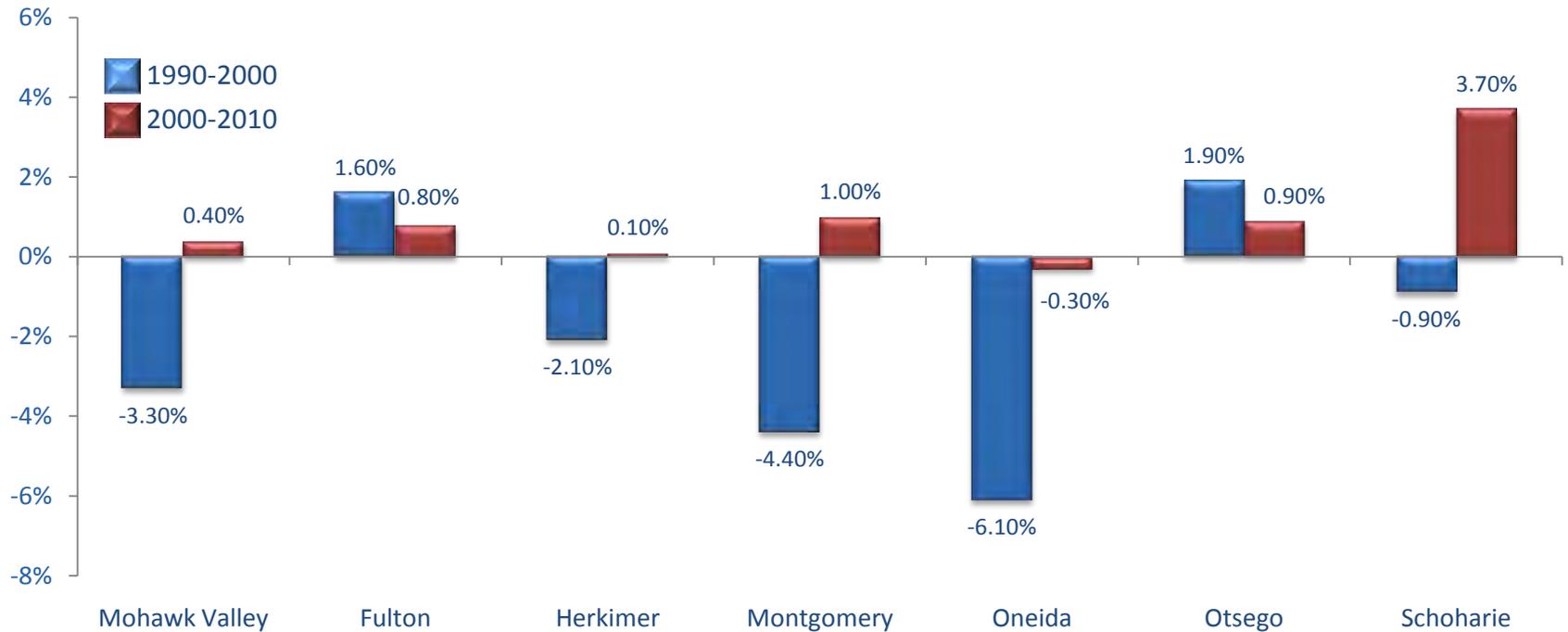
## Mohawk Valley Socioeconomic Profile

	Percent of Population Above 61 Years Old	Poverty Rate	Median Household Income
United States	16.2%	13.5%	\$51,425
New York State	16.7%	13.8%	\$55,233
<b>Mohawk Valley Region</b>	<b>19.9%</b>	<b>14.4%</b>	<b>\$44,366</b>
Fulton County	19.7%	16.6%	\$41,425
Herkimer County	20.5%	12.0%	\$42,048
Montgomery County	20.1%	15.4%	\$42,716
Oneida County	19.7%	14.5%	\$45,433
Otsego County	20.2%	15.2%	\$44,057
Schoharie County	20.1%	11.0%	\$49,695

Source: Empire State Development, State Data Center. Age data is from 2010; poverty and income are from 2009.

# Changing Demographics

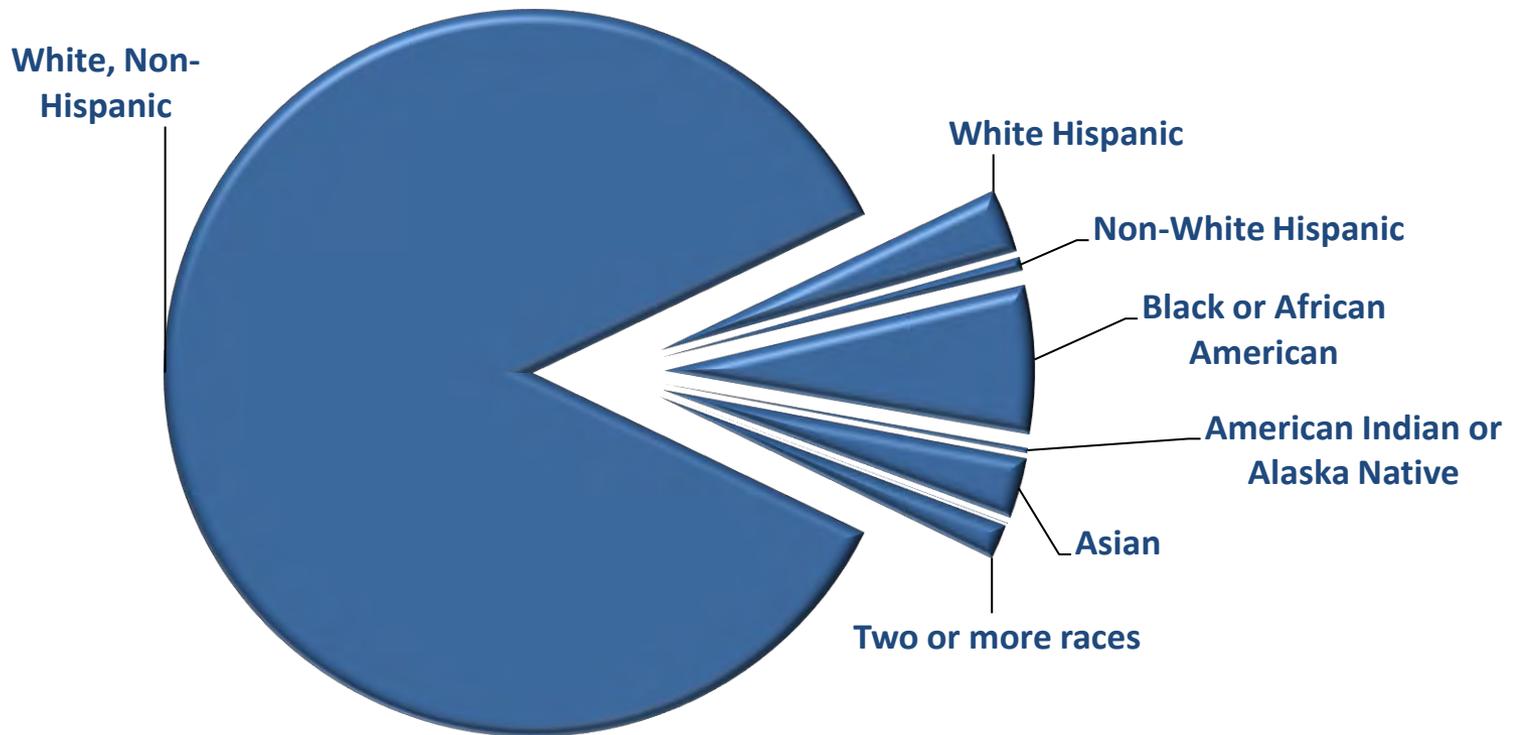
## Population Change 1990-2000 compared to 2000-2010 Mohawk Valley, by County



Source: Empire State Development, State Data Center

# Changing Demographics

## Mohawk Valley Race/Ethnicity Demographics



Source: Empire State Development, State Data Center



# Changing Demographics

## Mohawk Valley Hispanic/Latino Population

Mohawk Valley	2000	2010	% Change
<b>Fulton</b>			
Hispanic/Latino	884	1,263	42.9%
Non-Hispanic/Non-Latino	54,189	54,268	0.1%
<b>Herkimer</b>			
Hispanic/Latino	580	1,040	79.3%
Non-Hispanic/Non-Latino	63,847	63,479	-0.6%
<b>Montgomery</b>			
Hispanic/Latino	3,433	5,654	64.7%
Non-Hispanic/Non-Latino	46,275	44,565	-3.7%

Mohawk Valley	2000	2010	% Change
<b>Oneida</b>			
Hispanic/Latino	7,545	10,819	43.4%
Non-Hispanic/Non-Latino	227,924	224,059	-1.7%
<b>Otsego</b>			
Hispanic/Latino	1,171	1,921	64.0%
Non-Hispanic/Non-Latino	60,505	60,338	-0.3%
<b>Schoharie</b>			
Hispanic/Latino	588	924	57.1%
Non-Hispanic/Non-Latino	30,994	31,825	2.7%

Source: Empire State Development, State Data Center

# Changing Demographics

## In-Migration (to Mohawk Valley Region)

Year	In-Migration	Percent of Population
2008	11,079	2.3%

Top Migratory Regions	In-Migrants
Madison County	696
Schenectady County	631
Albany County	544
Saratoga County	412
Delaware County	404

## Out-Migration (from Mohawk Valley Region)

Year	Out-Migration	Percent of Population
2008	12,222	2.5%

Top Migratory Regions	Out-Migrants
Madison County	811
Onondaga County	599
Albany County	587
Schenectady County	542
Saratoga County	463

Source: EMSI Strategic Advantage Model.



# Changing Demographics

## Educational Attainment in the Mohawk Valley

Area	Percent of Adults with At Least a Bachelor's Degree	Percent of Adults with a Graduate Degree
<b>Mohawk Valley</b>	<b>19.7%</b>	<b>8.0%</b>
State	31.8%	13.6%
Nation	27.5%	10.1%

Source: Empire State Development, State Data Center; American Community Survey 2005-2009.  
Note: 'Adults' are at least 25 years old.

# Workforce & Education



The State University of New York



\* Empire State College has 34 locations in seven regions throughout New York state.

# Workforce and Education

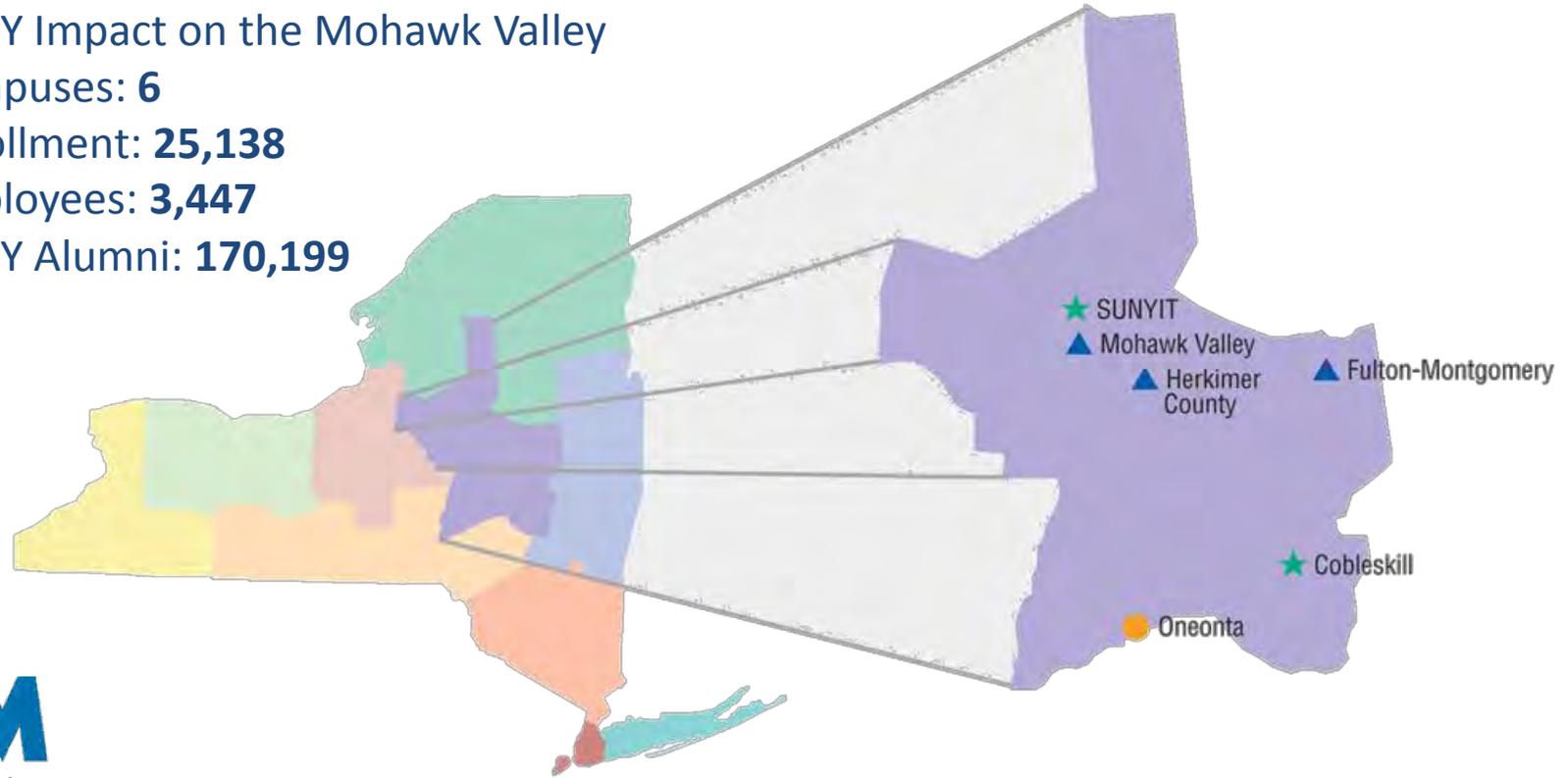
## SUNY Impact on the Mohawk Valley

Campuses: **6**

Enrollment: **25,138**

Employees: **3,447**

SUNY Alumni: **170,199**

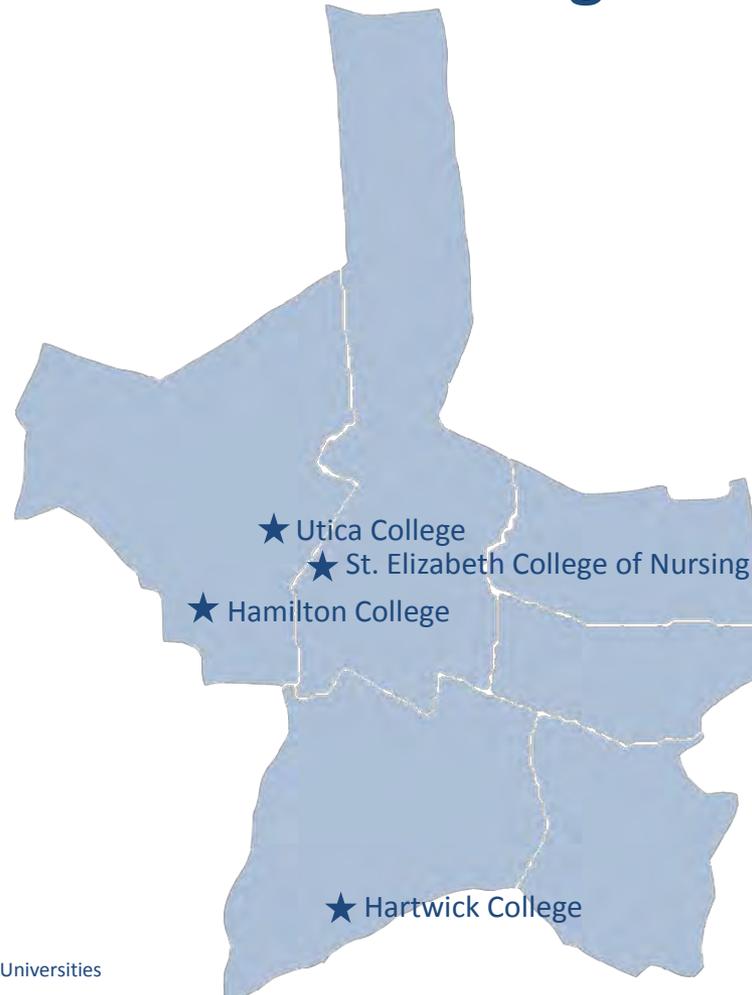


Fulton-Montgomery  
Community College



# Workforce and Education

## Mohawk Valley Private, Not-for-Profit Colleges and Universities



# Workforce and Education

## Mohawk Valley Labor Market

### Local Area Unemployment Statistics

Mohawk Valley	May 2011	April 2011	May 2010
Labor Force	235,600	232,800	238,800
Unemployment	18,700	19,200	18,800
<b>Local Unemployment Rate</b>	<b>7.9%</b>	<b>8.3%</b>	<b>7.9%</b>
NY State Unemployment Rate	7.8%	7.6%	8.3%
U.S. Unemployment Rate	8.7%	8.7%	9.3%

*Note:* All data not seasonally adjusted.

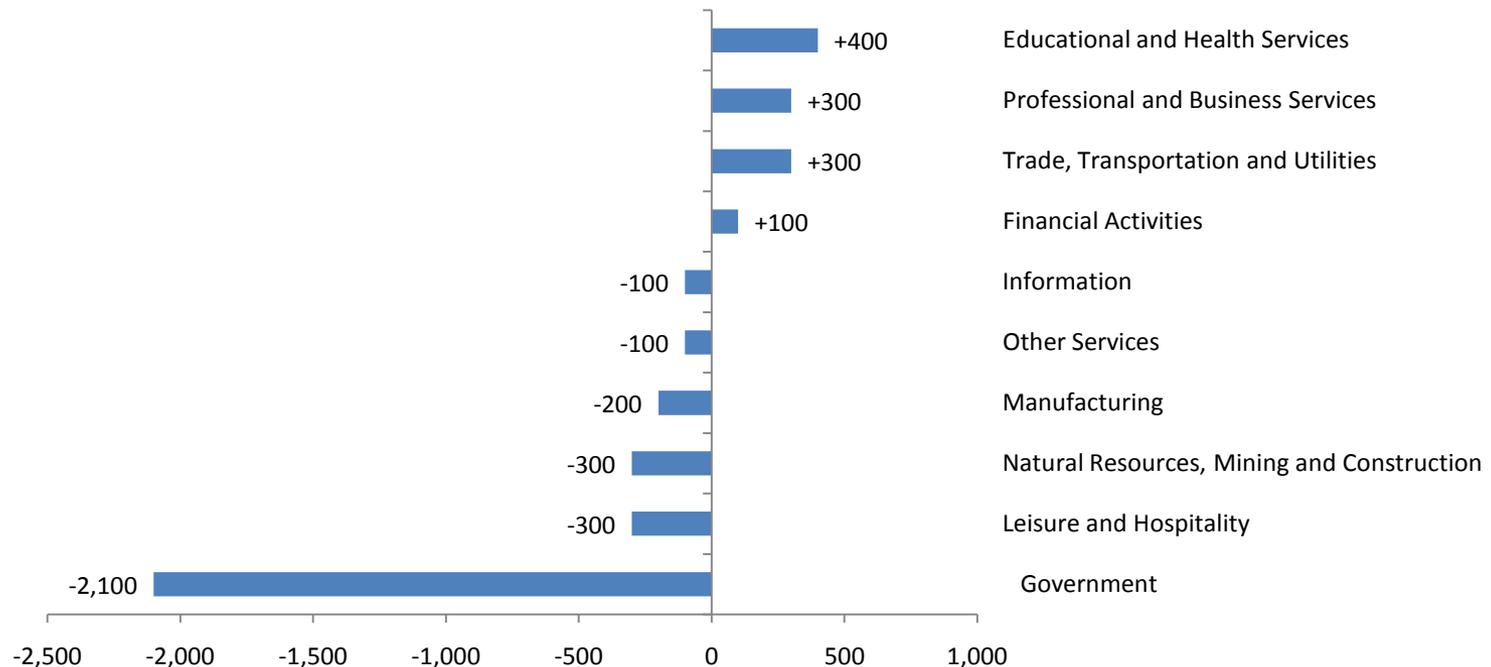
*Source:* NYS Department of Labor.



# Workforce and Education

## Mohawk Valley Labor Market

### Change in Jobs, May 2010 to May 2011



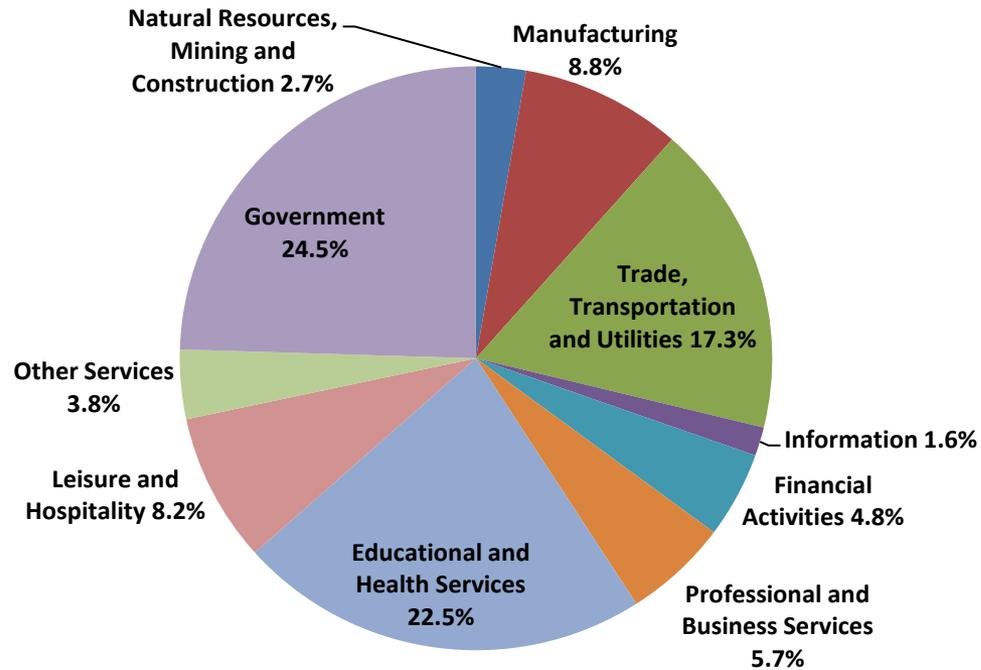
Source: NYS Department of Labor.

# Workforce and Education

## Mohawk Valley Labor Market

### Distribution of Nonfarm Jobs, May 2011

**Total Nonfarm Jobs:  
195,400**



Source: NYS Department of Labor.

# Workforce and Education



## Unionization Rate

City	Share of Employed Workers
<b>Utica MSA</b>	<b>21.7%</b>
New York State	24.2%
United States	11.9%

Source: Current Population Survey, calculations by unionstats.com, 2010.

# Industry Structure and Concentration

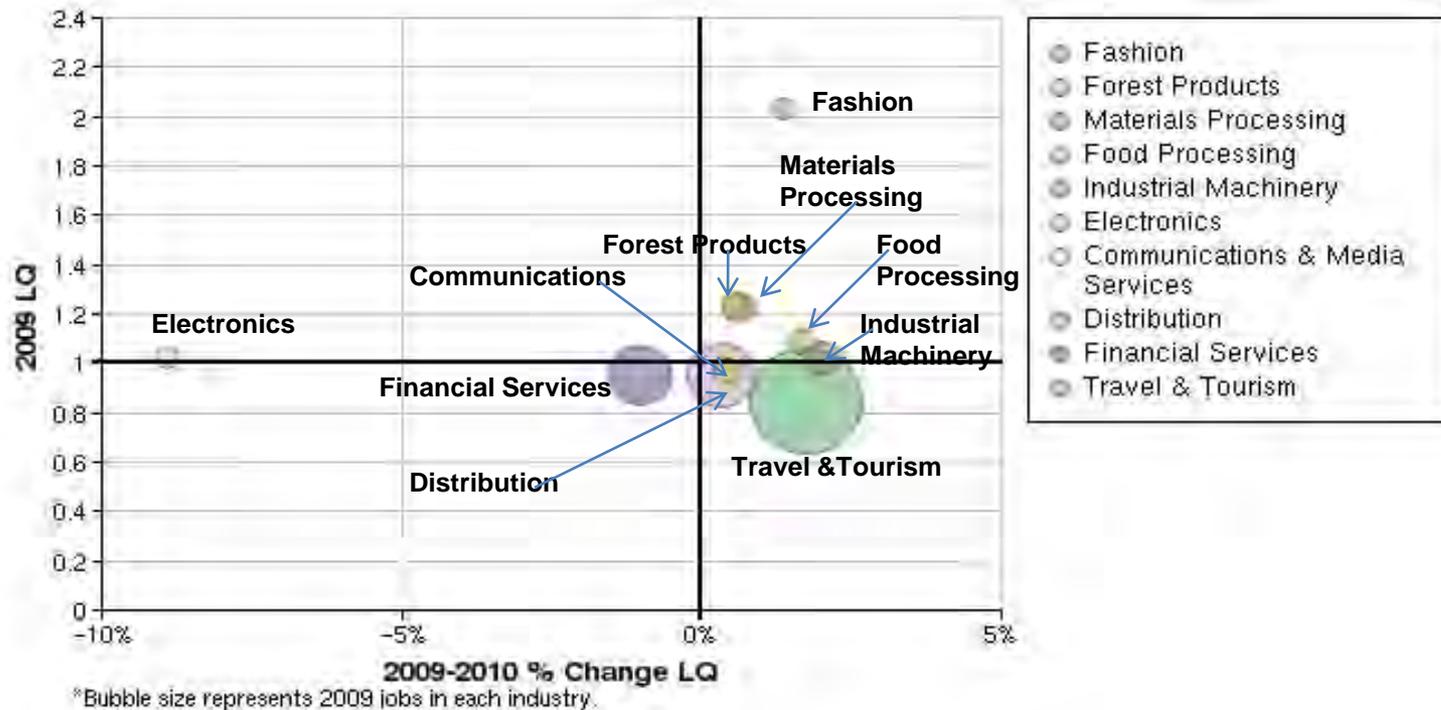
## Growth in Mohawk Valley Industry Sectors

	Jobs in 2010	Growth since 2006	Average weekly wage 2010	Projected growth, 2008 to 2018
Heavy and Civil Engineering Construction	945	6.8%	\$1,219	-7.2%
Food Manufacturing	2,301	16.6%	\$808	-1.3%
Warehousing and Storage	4,132	-11.2%	\$727	8.6%
Professional and Technical Services	5,180	2.3%	\$884	11.5%
Educational Services	23,190	4.4%	\$746	7.6%
Ambulatory Health Care Services	8,055	18.0%	\$891	19.2%
Hospitals	12,501	-1.7%	\$1,007	3.2%
Nursing and Residential Care Facilities	11,550	5.0%	\$598	19.8%
Social Assistance	7,947	12.6%	\$439	24.8%

Source: NYS Department of Labor.

# Industry Structure and Concentration

## Location Quotient of Industry Clusters in the Mohawk Valley



Location quotient (LQ) is a way of quantifying how concentrated a particular industry, cluster, occupation, or demographic group is in a region as compared to the nation. It can reveal what makes a particular region unique in comparison to the national average.. Source: EMSI Strategic Advantage model.

# Industry Structure and Concentration



## **New Manufacturing Activity in the Mohawk Valley January 2010 to April 2011**

Number of New Manufacturers: **36** (1.5% of state total)

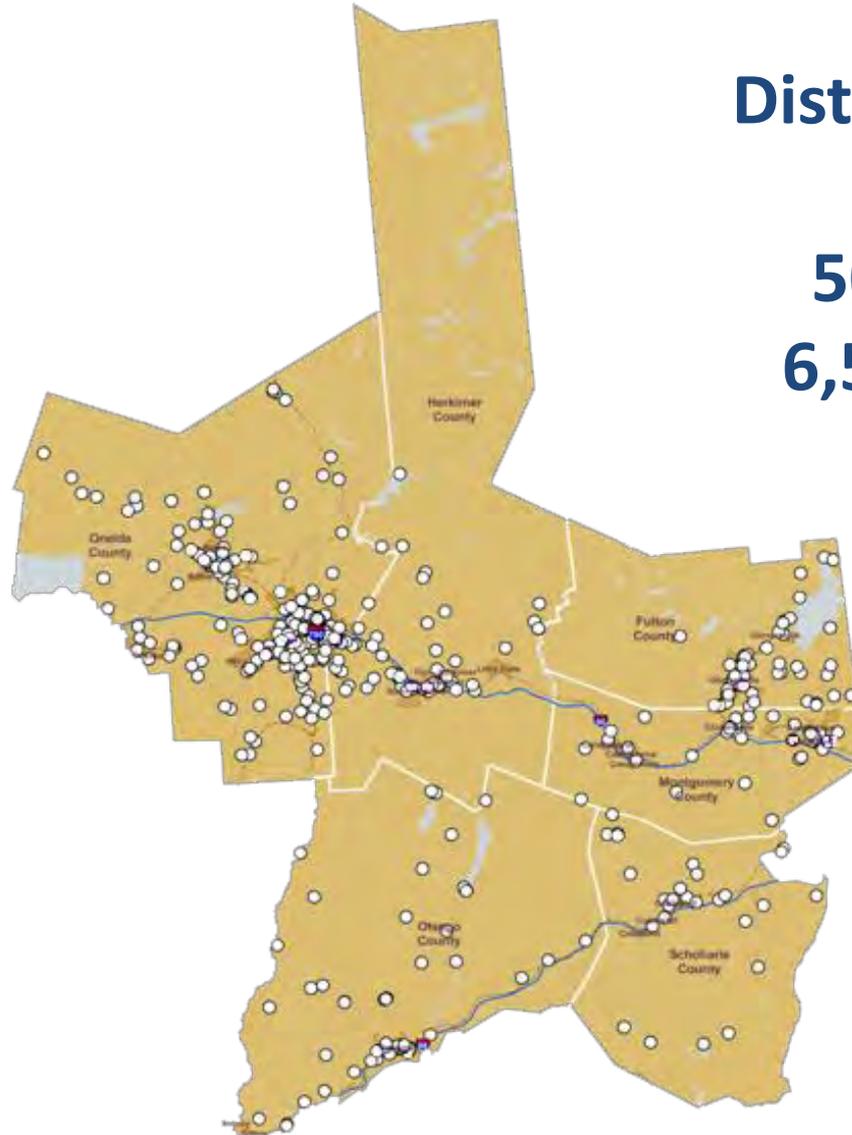
Number of New Manufacturing Jobs: **61** (0.6% of state total)

*Source: D&B Market Insight*

# Industry Structure and Concentration

## Distribution Cluster:

**500 companies**  
**6,500 employees**



Source: Empire State Development analysis of NYS Department of Labor data, 2008.

# Industry Structure and Concentration



## Electronics & Imaging Cluster:

**10 companies**  
**350 employees**

Source: Empire State Development analysis of NYS Department of Labor data, 2008.

# Industry Structure and Concentration

## Financial Services Cluster:

**330 companies**  
**6,800 employees**

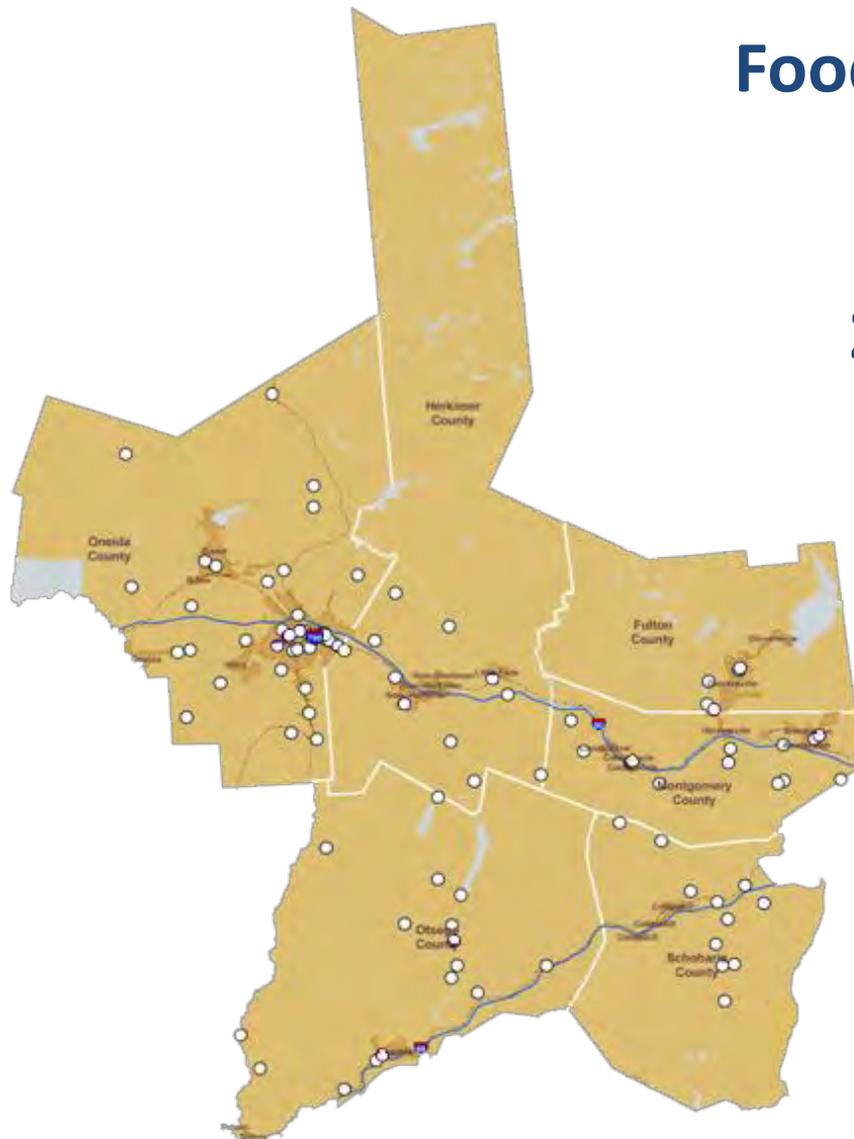


Source: Empire State Development analysis of NYS Department of Labor data, 2008.

# Industry Structure and Concentration

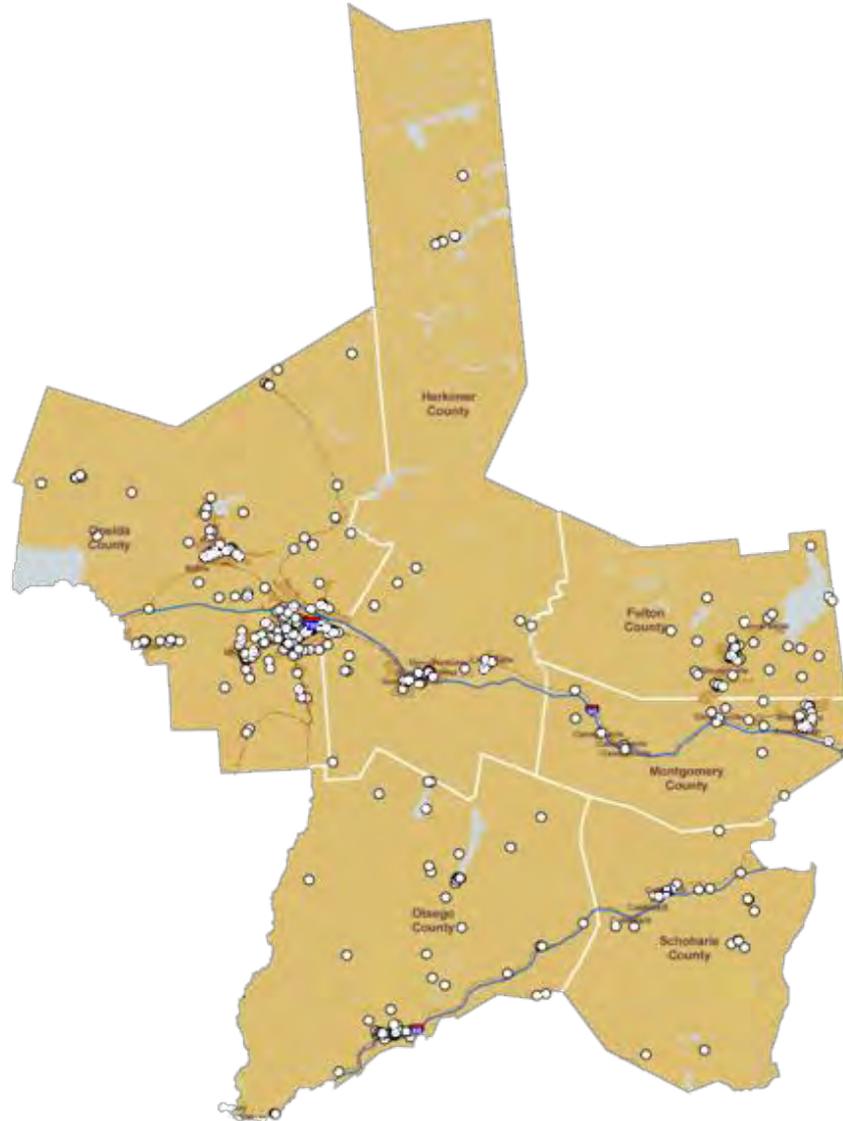
## Food Processing Cluster:

**100 companies**  
**2,500 employees**



Source: Empire State Development analysis of NYS Department of Labor data, 2008.

# Industry Structure and Concentration



**Front Office &  
Producer Services  
Cluster:**

**590 companies  
4,445 employees**

Source: Empire State Development analysis of  
NYS Department of Labor data, 2008.

# Industry Structure and Concentration

## Transportation Equipment Cluster:

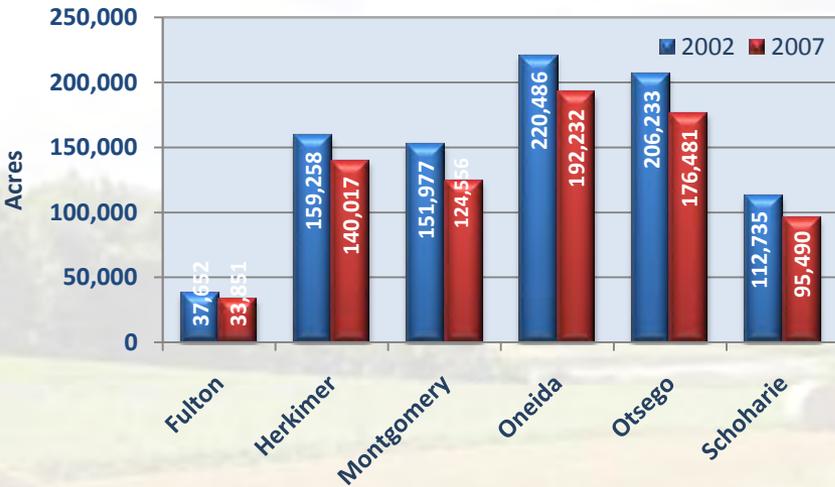
**10 companies**  
**1,150 employees**



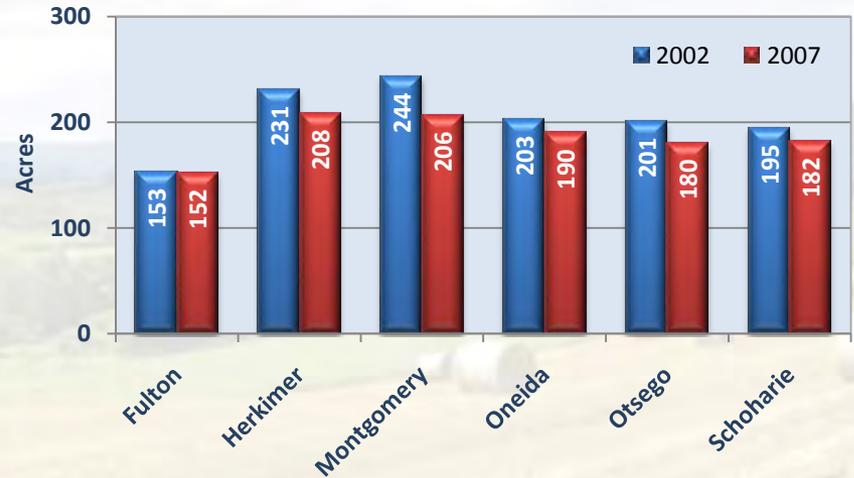
Source: Empire State Development analysis of NYS Department of Labor data, 2008.

# Industry Structure and Concentration

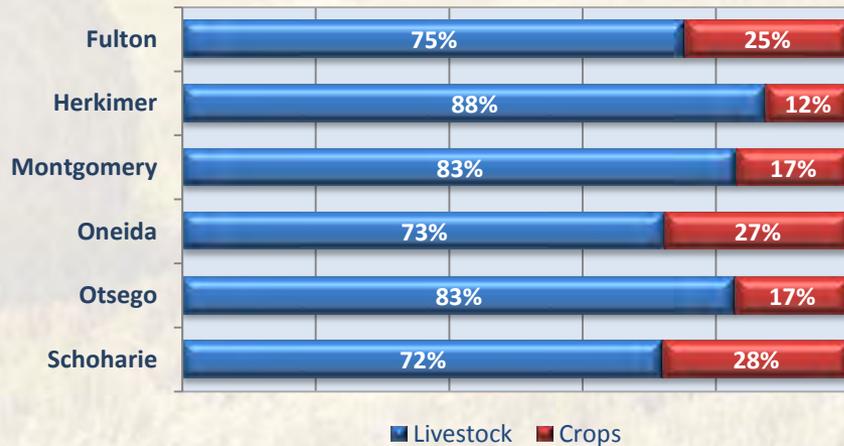
Acres of Farmland 2002/2007



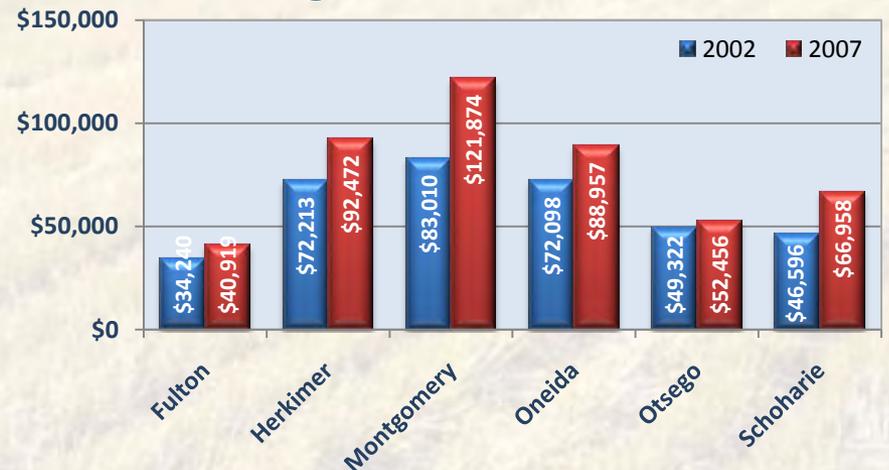
Average Farm Size 2002/2007



Distribution of Farm Sales 2007



Average Farm Sales 2002/2007



- 
- A photograph of a row of classical white columns with fluted shafts and papyrus capitals, receding into the distance on a stone platform.
- Governance
  - Statewide Business Costs and Tax Structure
  - Entrepreneurialism, Innovation and Risk-taking



# Governance

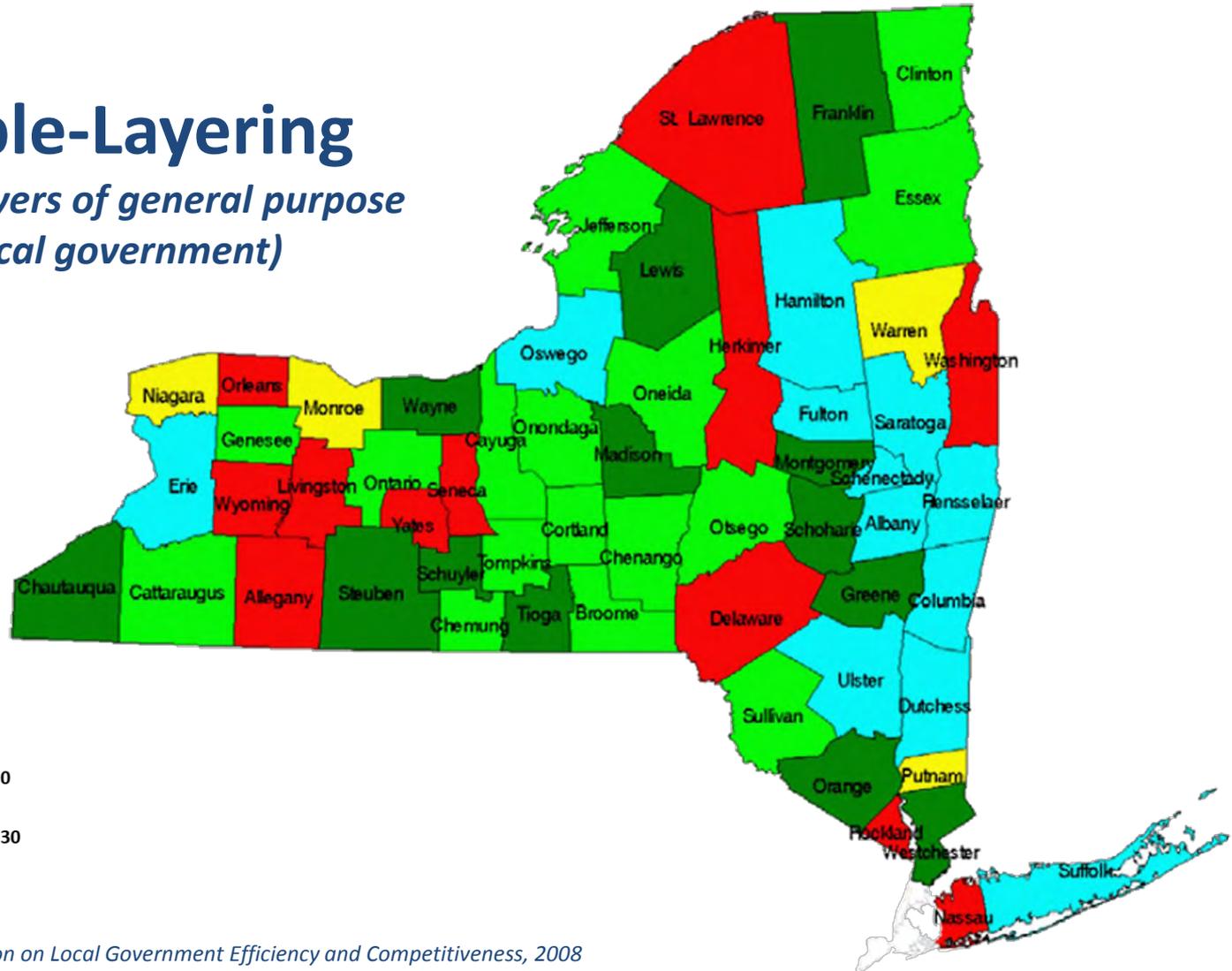
## State and Local Government Expenditures Per Capita

Category	Ranking (1 = Highest Spending, 50 = Lowest Spending)
State Corrections	17
State Social Insurance Administration	10
State Health Administration	35
State Hospitals	8
State Public Welfare Administration	45
Local Corrections	1
Local Health Administration	11
Local Hospitals	11
Local Public Welfare	1
Local Police Protection	1
Local Housing and Community Development	1
Local Fire Protection	10
Local Police Protection	1
K-12 Instructional Employees	13
K-12 Non-Instructional Employees	21

Source: U.S. Census Bureau "Census of Governments 2007."

# Governance

## Triple-Layering *(three layers of general purpose local government)*



Source: NYS Commission on Local Government Efficiency and Competitiveness, 2008

# Governance

## Villages in the Mohawk Valley with a Population Below 500

An aerial photograph of a village in the Mohawk Valley, showing a winding road through a residential area with many houses, surrounded by green fields and hills in the background.

Cold Brook (Herkimer)	329
Ames (Montgomery)	145
Fort Johnson (Montgomery)	490
Barneveld (Oneida)	284
Clayville (Oneida)	350
Holland Patent (Oneida)	458
Prospect (Oneida)	291
Gilbertsville (Otsego)	399
Laurens (Otsego)	263
Milford (Otsego)	415
Esperance (Schoharie)	345

Source: Empire State Development, State Data Center



# Governance

## Local Fiscal Capacity: Municipalities with Financial Stress

	Unreserved Fund Balances Less Than 1.5 % of Gross Expenditures	Municipalities with Total Debt as a Percentage of Full Value Assessment in Greater Than 3.25%	Municipalities with Total Debt Per Capita in Top 10% of State	Municipalities with Operating Deficits as a Percent of Gross Expenditures in the Top 10% of State
<b>Mohawk Valley</b>	<b>8.0%</b>	<b>13.1%</b>	<b>5.7%</b>	<b>8.5%</b>
NY State	5.7%	10.0%	10.0%	10.0%

Source: NYS Environmental Facilities Corporation.



# Statewide Business Costs and Tax Structure

## Mohawk Valley Cost of Doing Business & Cost of Living

Metro Area	Cost of Doing Business Index (US = 100)	Cost of Living Index (US = 100)
Utica MSA	102	86

Source: Moody's Analytics, May 2011

# Entrepreneurialism, Innovation and Risk-taking

Indicator	New York's Ranking (1 = Best, 50 = Worst)
High-Wage Traded Services	3
E-Government	4
Managerial, Professional, Technical Jobs	6
Broadband Telecommunications	6
Overall	10
Foreign Direct Investment	10
IPOs	10
Entrepreneurial Activity	10
Patents	10
Workforce Education	12
Migration of U.S. Knowledge Workers	12
Fastest-Growing Firms	12
Alternative Energy Use	12
IT Professionals	13
Export Focus of Manufacturing & Services	14
Venture Capital	14
Online Agriculture	17
Job Churning	19
Investor Patents	21
Immigration of Knowledge Workers	24
Manufacturing Value-Added	24
High-Tech Jobs	25
Scientists and Engineers	25
Industry Investment in R&D	26
Non-Industry Investment in R&D	31
Online Population	34
Health IT	39

Source: Kauffman Foundation





*A New Vision for*  
**Mohawk Valley's**  
**Economy**

**Regional Economic  
Development Councils**  
*Putting New York Back to Work*



Governor Andrew M. Cuomo  
Lieutenant Governor Robert J. Duffy