

All Exercises Active

- ALL Extra Credit exercises are active.
- Extra credit exercises [18/19 Virtual Field Trip](#) and [20 Museum Visit](#) have been active since the beginning of the semester.
- **Extra credit exercises due no later than the day of the final exam.**

1

Final Grading

- The final exam is Tuesday, Dec. 18 from 5:30 PM to 7:20 PM in this room.
- Extra credit question for the final exam is due no later than 5:30 PM, Dec. 18, the final exam day.
- If you don't hand in all required work by Dec. 18, let me know if you want an INC grade or will go with a lower grade using just the submitted work.
- Missing required exercises can be emailed to me by Thursday, Dec 27 to avoid an INC grade or a reduced final grade. Missing required work earn zero points.

2

ECONOMIC ACTIVITY in NYS



Prof. Anthony Grande
© AFG 2012

3

Geography of Data

The **Geography of Economic Activity** requires the:

- gathering and analysis of spatial data
- location of data geographically
- assessment of the interrelationship of the data to geographic site and situation

The NYS Data Center compiles and maps economic data, does county comparisons as well as national comparisons.

4

Geography of Data

- The [Empire State Development](http://www.esd.ny.gov) web site (www.esd.ny.gov) contains economic, population, and workforce data to help businesses seeking to establish themselves within NYS select the right location.
- The [NYS Department of Labor](http://www.labor.ny.gov) (www.labor.ny.gov) maintains employment, unemployment, and other types of labor statistics by geographic region and county, including a job bank by region.
- Exercise 16 utilizes these data.

5

Ten Economic Regions of NYS



6

New York by the Numbers

- NYS is the 3rd most populous state
- NYS is the 13th largest economy in the world
- 56 Fortune 500 companies
- \$24.4 billion in High Tech payroll
- #1 in number of first tier universities
- Almost 32% of all adults in NYS have 4 or more years of college, and nearly 350,000 scientists and engineers call the Empire State home.
- NYS is #2 in per capita energy consumption efficiency.
- \$76.9 billion in exports in 2008, with small & medium-sized businesses generating more than half of total exports
- 3rd largest grape grower & 2nd largest wine producer
- Home to over 50 incubator facilities
- \$53 billion tourism industry which supports nearly 700,000 jobs

Source: Empire State Development

7

Economic Activity

- Economic activity in NYS has changed greatly over the last 50+ years.
- Economy is now service based.
- Manufacturing has become a value-added operation.
- Bulk raw materials have been replaced by pre-processed goods. Skill and precision is added to create a new product.

8

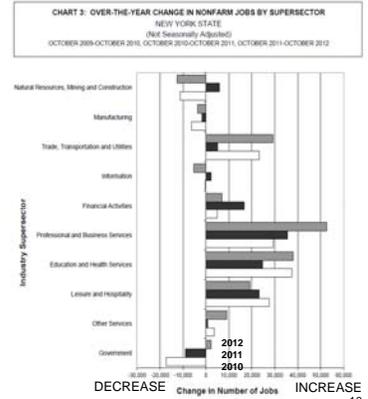
Economic Activity

- NYS Economic Development Program has created zones to attract industry to depressed areas with high unemployment and poverty.
- There has been a successful move statewide to create service and financial-based industries.
- Poorly educated, elderly, and immigrant populations cannot transfer easily to these industries.
- Census information becomes an important tool.

9

Change in Jobs by Sector

2009 - 2012



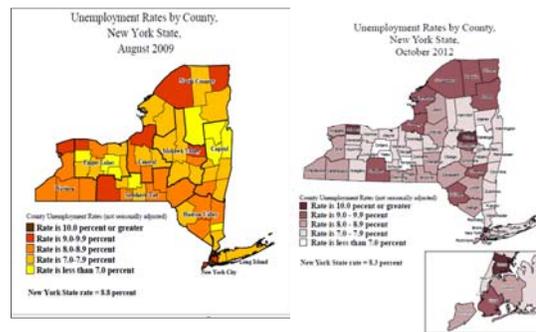
10

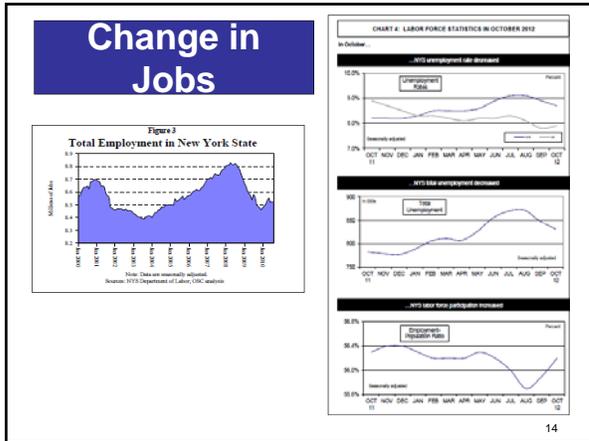
NYS Unemployment Rates* (seasonally adjusted)

	Oct '12	Oct '11	Oct '10	Oct '09
• New York State	8.3	7.7	8.3	8.9
• United States	7.5	9.0	9.6	10.1
• New York City	9.2	9.0	9.2	10.4
• NYS, outside NYC	7.7	6.8	7.6	7.8

*Data are preliminary and subject to change

UNEMPLOYMENT RATES by County





- ## How can we change this picture?
- What can be done to generate new jobs?
 - What can be done to bring people and their money into the area?
 - Need to look at the individual cities and towns.
 - Select those which can succeed based on their current location and characteristics.
 - **Quality of location changes with time.**
- 15

Documenting Economic Change: NYS in the NYT

<http://www.iloveny.com>

New York State's New Green Jobs Program: Linking Financing and Job Training Statewide
Oct 2009

Plant that Brewed Beer Shifts Attention to Ethanol (NYT 4/23/06)

Old Steel Mill Retools to Produce Clean Energy (NYT 5/22/07)

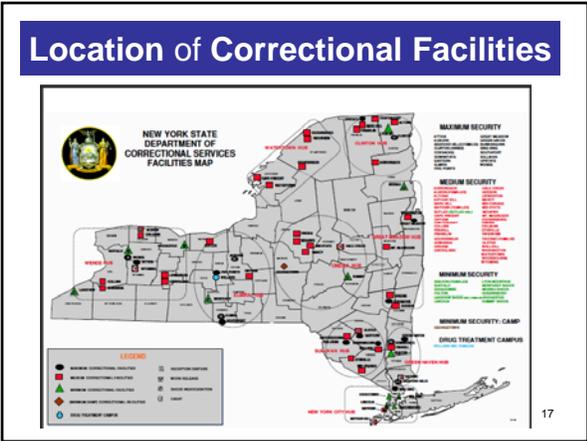
Spitzer Seeks Way to Find State Prisons He Can Close (NYT 2/05/07)

Cuomo Administration Closing 7 Prisons, 2 in New York City (NYT 6/30/11)

They Came to New York For the Waters (NYT 5/10/08)

Little Falls, NY: Hints of Comeback for Nation's First Superhighway (NYT 11/3/08)

16



Upstate, Where it was Made, Unwavering Devotion to Jell-O

(NYT 5/4/08)

Upstate, Museums for (Almost) All Things
An Alternative Tour

- COMMISSION OF GLASS CORING**
Claims the world's largest collection of contemporary and historical glass.
- UNIONVILLE DE SIZ ARNAZ CENTER**
Promotes to "unveil the world through the leading powers of love and laughter".
- HOUSE OF FRANKENSTEIN**
Lara George features wax models of scary figures, including Dracula, Jack the Ripper and, of course, Frankenstein's monster.
- JELL-O GALLERY**
Let the visitors can vote for their favorite flavor. Personal awards are given: raspberry and strawberry.
- MUSEUM OF CHEESE**
Explores the cheesemaking process and displays the tools and equipment involved.
- THE ORIGINAL AMERICAN RADIO FACTORY AND MUSEUM**
Elaborates on radio history and trivia and how to make a radio.
- REINVENTION WHEELER PLAY AND MUSEUM**
Children's theater from the early 1900s to the present.
- SLATE VALLEY MUSEUM**
Shows how slate is formed. Closed for renovations. Reopens June 14.

18

Losing Ground: Income and Poverty in Upstate New York, 1980-2000

- Personal income in Upstate grew at just half the national rate in the 1990s, and by 2000 lagged the country by 11 percent.
- Upstate workers receive lower wages than people of similar age, race, sex, and educational backgrounds nationwide.
- Upstate's highest-income households earn substantially lower incomes than the national average.
- Upstate's lowest income households experienced little income growth in the 1990s.
- Upstate poverty rates grew for families, individuals, and children during the 1990s, while they decreased for all three of these groupings nationwide.
- Concentrated poverty is on the rise in Upstate even as it declines across the nation.

25