Impact of Demographic Trends on School Enrollments in New York State

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Outline

• County Population Components of Change

• PAD Website
  – County Population Information
  – School District Enrollment Information

• Contact Info
Components of Change

+  -  +  -  +  -
Average Births Per Woman

- Tompkins Co
- Rhode Island
- Wyoming Co
- New York State
- Schenectady Co
- Jefferson Co
- Utah
- Rockland Co

[Bar chart showing the average births per woman for different regions and states.]
Survival Rate by Age and Sex, Albany County

- Male
- Female
Urban – Rural Classification

- Large Central
- Large Fringe
- Medium Metro
- Small Metro
- Urb NonMetro
- Rur NonMetro
Age Patterns of Net Migration for NY Counties, 2000-2010

Net Migration Rate

Age Patterns of Net Migration for NY Counties, 2000-2010

Age Groups

Net Migration Rate

Age Groups

0-4  5-9  10-14  20-24  30-34  40-44  50-54  60-64  70-74  75+

Large Central  Large Fringe  Medium Metro  Small Metro  Urban Non-Metro  Rural Non-Metro
Age Patterns of Net Migration for NY Counties, 2000-2010

Net Migration Rate vs. Age Groups

Large Metro Central


Legend:
- Large Central
- Large Fringe
- Medium Metro
- Small Metro
- Urban Non-Metro
- Rural Non-Metro
Age Patterns of Net Migration for NY Counties, 2000-2010

Large Metro Fringe

Net Migration Rate

Age Groups


Large Central Large Fringe Medium Metro Small Metro Urban Non-Metro Rural Non-Metro
Urban – Rural Classification

- Large Central
- Large Fringe
- Medium Metro
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Age Patterns of Net Migration for NY Counties, 2000-2010

Net Migration Rate

Age Groups


Medium Metro
Urban – Rural Classification

- Large Central
- Large Fringe
- Medium Metro
- Small Metro
- Urb NonMetro
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Age Patterns of Net Migration for NY Counties, 2000-2010

Net Migration Rate

Age Groups


Large Central  Large Fringe  Medium Metro  Small Metro  Urban Non-Metro  Rural Non-Metro
Urban – Rural Classification

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Age Patterns of Net Migration for NY Counties, 2000-2010

Urban Non-Metro
Age Patterns of Net Migration for NY Counties, 2000-2010

Rural Non-Metro
Program on Applied Demographics

http://pad.human.cornell.edu

Cornell Program on Applied Demographics

About PAD

The Program on Applied Demographics (PAD) brings skills in demographics, economics, statistics, data gathering and data analysis together to provide a variety of organizations with data, information and advice. PAD works closely with the New York State Department of Labor, the U.S. Census Bureau and other organizations to assist them in their activities. Examples of PAD's activities can be found here.

PAD is part of the Cornell Population Center, a university-wide program serving 96 affiliates from 24 different departments and is housed in the College of Human Ecology at Cornell University.

Being part of Cornell University gives PAD easy access to a world of further expertise. It also provides an environment that can handle different kinds of grants and other types of funding and cooperation.

Cornell University is home to one of the nation's Federal Statistical Research Data Centers (FSRDC) that are managed by the U.S. Census Bureau. The FSRDC, housed at CISER, provides secure access to confidential microdata from a number of administrative and survey data sources. These are invaluable resources to help understand various demographic processes.

Contact us if you want to know more about the kind of work we are doing and to discuss how we can help you.
New York Counties Data

Maps
An interactive map with selected County statistics

Projections
Population size and characteristics, projected until 2035

ACS data
- Latest ACS data profiles
  The latest information from the American Community Survey (2009-2013 5-year estimates)
- County-to-County migration
  Migration data by different characteristics based on data from the ACS

Recent trends
Data from select demographic and economic annual time series

Historic trends
Data from the latest decenial Census, compared with data from past censuses
Projection data: charts

Projected age distribution for: 2010
Saratoga County

[Bar chart showing age distribution by gender and age group for 2010]
Downloads

Projection data
Download Excel workbook
This Excel workbook contains data for all Counties and the state by age and sex for each of the projected years.

Methodology description
Download PDF
This report describes the methodologies used to estimate the historic rates and how the rates are being used in the projections.

Assumptions
Download Excel workbook
The Excel workbook contains the assumed rates upon which the current set of projections are based. There are worksheets with estimates of the historic rates and there are two worksheets that allow for deviations from historic trends.
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New York School districts Data

Maps
An interactive map with selected school district statistics

Projections
Enrollment projections

Latest ACS school district profile
The latest information from the American Community Survey (2009-2013 5-year estimates)

Recent trends
Data from select enrollment and financial annual time series

Enrollment details
Detailed demographic enrollment data

Achievement Trends:
- **ELA and MATH test results**
  Trends in English Language Arts (ELA) and Mathematics (MATH) test results, grade 3 through 8
- **Graduation rates**
  Trends in graduation rates and enrollment outcomes
- **Compare achievements**
  Compare achievements between School Districts and Need/Resource Capacity categories

Budget playground
Study the impact of future budget assumptions

Reorganizer
Select other school districts on a map to see the effects of potential mergers, including amount of State incentive aid offered.

Other tools
- **School Benchmarker™**
  Compare your school with its Benchmark Schools.
Projected enrollment

SARATOGA SPRINGS CITY SD

Year

Graded enrollment
0 2000 4000 6000 8000

Historic  Projected average  90% confidence interval
Projected enrollment

WATERTOWN CITY SD

Year


Grade enrollment

Historic  Projected average  90% confidence interval
Grade Progression Ratios

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</tr>
</tbody>
</table>
Watertown City School District

Change in Total Enrollment
- 1997-1998: 0%
- 2003-2004: +7%
- 2006-2007: -6%

1st grade 2nd grade 3rd grade 4th grade 5th grade 6th grade 7th grade 8th grade 9th grade 10th grade 11th grade 12th grade
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John Sipple