

County Profiles

2013

A compendium of Demographic, Housing, Education, Economic, and Agricultural Data

Jan K. Vink and Joe D. Francis
Nij Tontisirin, Suttee Anantsuksomsri and
Johannes Plambeck



Cornell University
Cooperative Extension

Introduction

- For over five decades the Department of Rural Development Sociology has produced booklets of key statistics from the Decennial Censuses for Cornell Cooperative Extension Educators in all 62 NYS counties.
 - Though authored by various individuals, they have always been produced in cooperation with the Cornell Cooperative Extension.
 - For the 2010 Census these widely sought and used booklets are being produced as a cooperative venture of the Cornell Program on Applied Demographics, CaRDI and CCE.

Introduction

- It is our endeavor to continue to bring these booklets to you in the future as well, plus updates on a more frequent timetable.
 - Reasons for sub-decade updates:
 - The 1, 3 and 5 year American Community Survey
 - Economic censuses every 5 years (2nd and 7th year of decade)
 - Agricultural census every 5 years (2nd and 7th year of decade)
 - Population, Poverty and Income **estimates** yearly
 - Endeavor depends on demand and funding

Introduction

- Goals of today's webinar:
 - Meet everyone at least online
 - Introduce the booklet and its contents
 - Answer questions you might have to this presentation and the prototype we sent around
 - Discussion of future steps
 - Evaluation of the webinar itself
 - Announcement of related future webinars

Overview of the Booklets

- Looking at a prototype of the booklets which will be available around end of January for all the counties.
- Unlike previous editions we have strove to automate, to the extent possible, the production of these booklets.
- The idea is that by automating, we would be able to incorporate new information as it becomes available and provide quicker updates to you.
- For example, 2012 Census of Agriculture, with survey forms sent out late December 2012, due back in Feb, 2013 will be available next year.

Overview of the Booklets

- 2012 Economic Censuses, forms mailed out Oct-Dec. 2012, due back in Feb. 2013, will be available beginning end of year.
- Current Population Survey ongoing every month of year as is American Community Survey.
- Why wait till 2020 to receive this more current information?

Topics Covered in Booklets

- As you can see by looking at the Table of Contents, the information compiled for the booklets have been grouped into the following broad topic areas:
 - Reference Maps
 - Total Population, then by Age and by Race
 - Housing Units
 - Education
 - Language Spoken at Home
 - Labor Force Characteristics
 - Household Income
 - Poverty
 - Agriculture

Topics Covered in Booklets

- Selection of topical areas to include in the booklets were a result of a meeting in August between
 - the Cornell Program on Applied Demographics (Joe Francis and Jan Vink)
 - the Community and Regional Development Institute (Rod Howe)
 - the Cornell Cooperative Extension (Sara Dayton, Andy Turner and Kimberly Fleming)
- Variables selected to present were made primarily by PAD (Jan Vink and Joe Francis) with guidance from CaRDI (Rod Howe and Robin Blakely-Armitage)

Geographies Covered in Booklets

- These booklets primarily focus on the county level of geography.
- Some sub-county level of geographic detail included—towns, cities and Indian Reservations (where present). Village Population also included
- Other geographies mapped—urban areas, school districts, US congressional districts, NYS Senate and NYS Assembly
- We focus on county-level indicators in order to provide a broad view for CCE educators. Also, in some cases, sub-county data may be less reliable, due to smaller populations.

References For Booklets

- However, the webinar following this one will provide additional ways to access data for both counties and sub-county units, for those interested.
- Glossary of terms included at the end of the booklet before the references.
- Many sources of information used:
 - For Population and Housing
 - 2012 Census of Population and Housing
 - 2007-11 American Community Survey
 - Annual Population Estimates
 - For Education and Language
 - 5 Year American Community Survey

References For Booklets

- Many sources of information used:
 - For Labor Force Characteristics
 - Bureau of Labor Statistics—Local Area Unemployment Statistics
 - NY Department of Labor—Labor Statistics, Quarterly Census of Employment and Wages
 - Bureau of the Census—Public Use Quarterly Workforce Indicators
 - For Household Income and Poverty
 - Small Area Income and Poverty Estimates

References for Booklets

- Many sources of information used:
 - For Agriculture
 - USDA—Census of Agriculture (2007)
 - USDA—National Agricultural Statistical Service
 - For Climate
 - National Oceanic and Atmospheric Administration—Northeast Regional Climate Center at Cornell

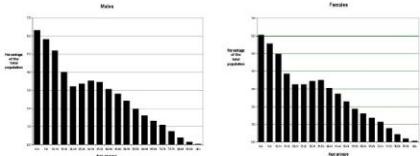
Detailed Examination of Booklets

- With this brief introduction and overview, let's move now to detailed discussion of contents of booklet.
- First general remark as we begin this detailed examination is that all maps, graphs and tables can be copied and used in your own analysis
- Second, does anyone have comments about table of contents, glossary or references?
- Third, did anyone (everyone?) have trouble with the population pyramids on page 11. We discuss next.
- Fourth, any problems with comparison charts like on page 15? We'll discuss later

How to Read a Population Pyramid

1. What is a population pyramid?

- It's a bar chart like the following:

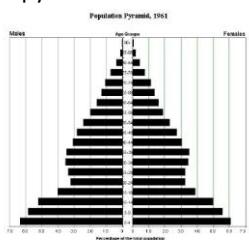


- But rotated counter-clockwise so age groups are on the Y-axis and percent of population on X-axis

How to Read a Population Pyramid

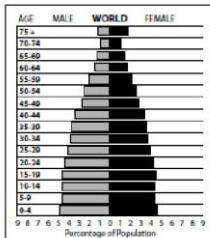
1. What is a population pyramid?

- Consists of two back-to-back bar graphs
- population plotted on the X-axis and age on the Y-axis, in five-year age groups (cohorts).
- Males are shown on the left and females on the right
- Measured by raw number or as a percentage of the total population.



How to Read a Population Pyramid

1. What is a population pyramid?



- Where are you represented?
 - Males?
 - Females?
 - Oldest at top
 - Youngest?
 - Each age group called a "cohort"

How to Read a Population Pyramid

2. Expansive population pyramids show larger numbers or percentages of the population in the younger age groups, usually with each age group larger in size or proportion than the one born before it. Population growth is rapid.



- **Expansive**
 - broad base
 - rapid rate of population growth
 - low proportion of older people.
 - A steady upward narrowing shows that more people die at each higher age band.
 - This type of pyramid indicates a population in which there is a high birth rate, a high death rate and a short life expectancy.

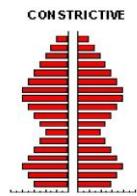
How to Read a Population Pyramid

3. Constrictive population pyramids display lower numbers or percentages of younger people. Population growth is negative.

3. Constrictive population pyramids display lower numbers or percentages of younger people. Population growth is negative.

3. Constrictive population pyramids display lower numbers or percentages of younger people. Population growth is negative.

- a high proportion of aged persons and declining numbers.



How to Read a Population Pyramid

4. Stationary or near-stationary population pyramids display somewhat equal numbers or percentages for almost all age groups. Typically, smaller figures are still to be expected at the oldest age groups, but here population growth is neutral or stable.

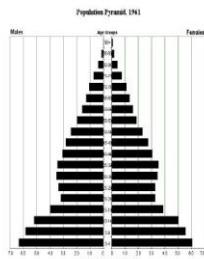
Stationary

- * narrow base and roughly equal numbers in each age group, tapering off at the older ages.



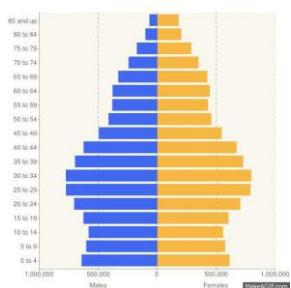
How to Read a Population Pyramid

5. Test



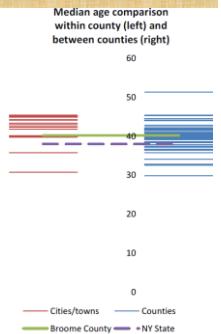
- What do you notice about this pyramid?
- Why do you think there is a "bulge" in the middle?
- Notice the bottom 3 age groups – why is it that they are the largest?

Projected age distribution for: 1990
New York State



Comparison Graph

- For several of the variables we thought it would be helpful to show a comparison graph like the one to the right here.
 - Note two reference lines: green for county average and purple for NYS average
 - Left side of the graph portrays how the county as a whole compared to various cities and town in the county.
 - Right side of graph shows how county compares to other counties in New York as well as to the State as a whole.



Future Related Webinars

- Following on this webinar is
 - Part II: Accessing & Interpreting Demographic Data
 - Friday, February 22, 2012, 10:00 – 11:00 am
 - Presented by: Robin Blakely-Armitage, CaRDI
 - Part III: Grant Writing
 - Friday, March 15, 2012, 10:00 – 11:00 am
 - Presenter: Heidi Mouillesseaux-Kunzman, CaRDI

Our contact information is:
Web: <http://pad.human.cornell.edu>
Email: PADinfo@cornell.edu

What questions do you have that we haven't answered?



Thanks for the opportunity