

The background of the slide is a collage of images related to St. John's University. At the top left is the university's logo, which includes the name 'ST. JOHN'S UNIVERSITY' in a large, black, serif font, with 'FOUNDED 1870' in a smaller, white, sans-serif font on a black rectangular background below it. The main background features a large, semi-transparent image of the 'The Christ the King' statue, a massive sculpture of a man with a beard and long hair, holding a cross aloft. Below and to the left of the statue is a photograph of a large, multi-story brick building with a central entrance and a clock tower. To the right of the statue is another photograph of a modern, multi-story brick building with many windows. At the bottom of the slide, there is a photograph of a green lawn with several small, white, arched structures in the background.

**ST. JOHN'S
UNIVERSITY**
FOUNDED 1870

The Coming Waves

Jonathan T. Hughes, Ph.D.
St. John's University

QUEENS

STATEN ISLAND

ROME

OAKDALE

MANHATTAN



1950

Population: 950,000

Ethnicity: 91% White

Age 65+: 4%



2010

Population 2,800,000

Ethnicity: 65% White

Age 65+: 14%



**What's
Happening
and Why is it
Happening?**

Three Major "Waves" ...

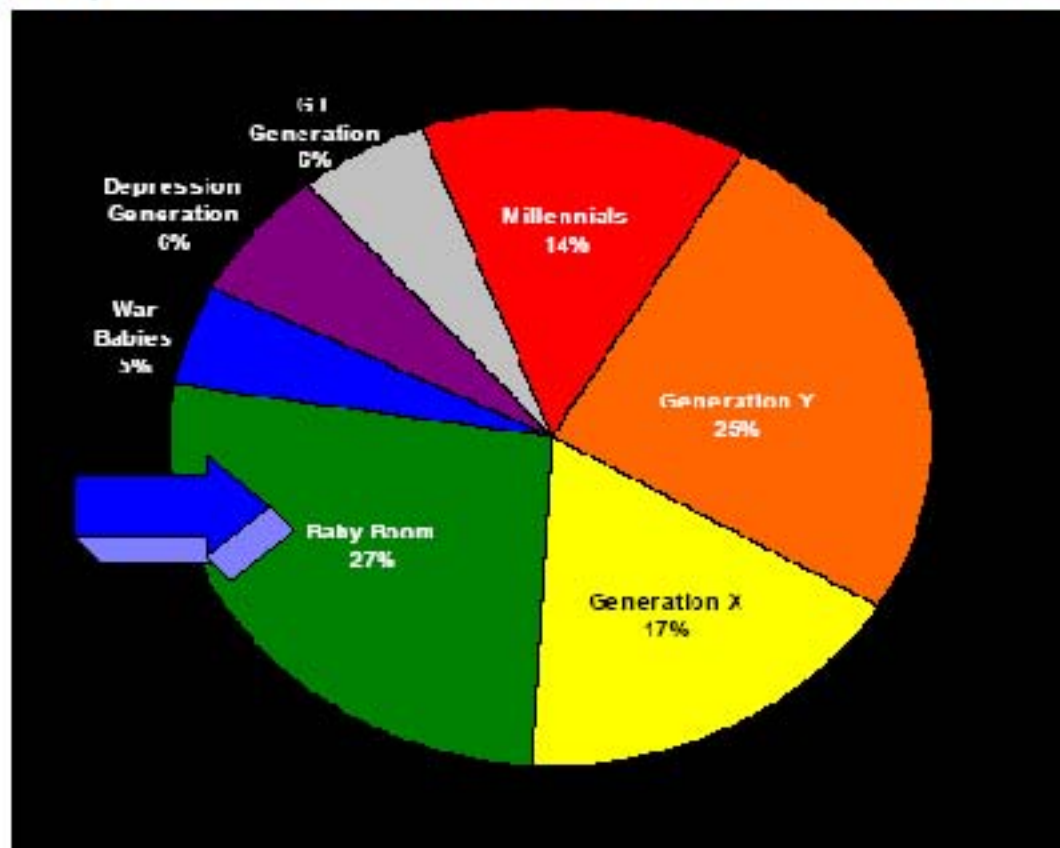
- ✓ When Less is more
- ✓ When Old is Young
- ✓ When Minor is Major



When Less is More

The Coming Waves

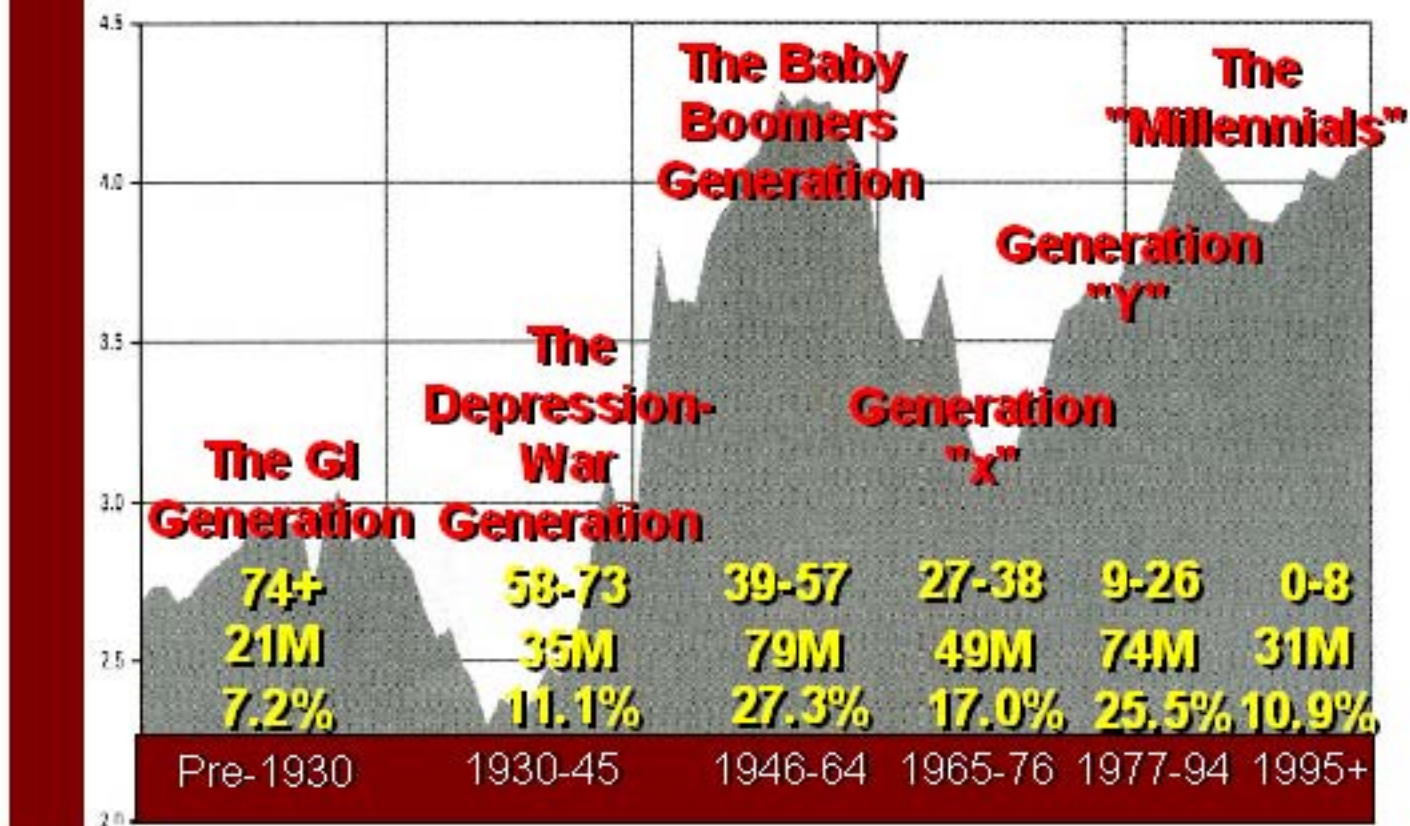
For Americans, the generations of this century will play an important role in the waves that are coming



**% Share of
Current
Population**

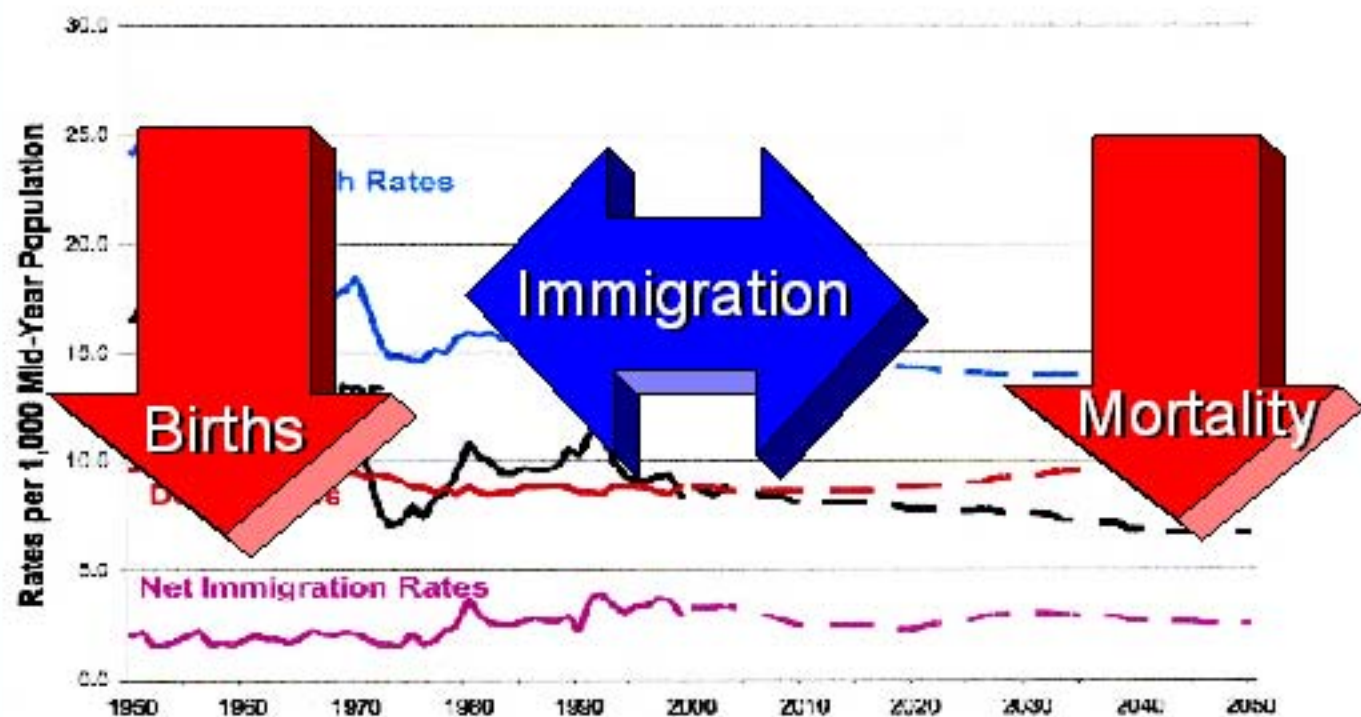
The Coming Waves

The generations of the twentieth century were the largest in American history



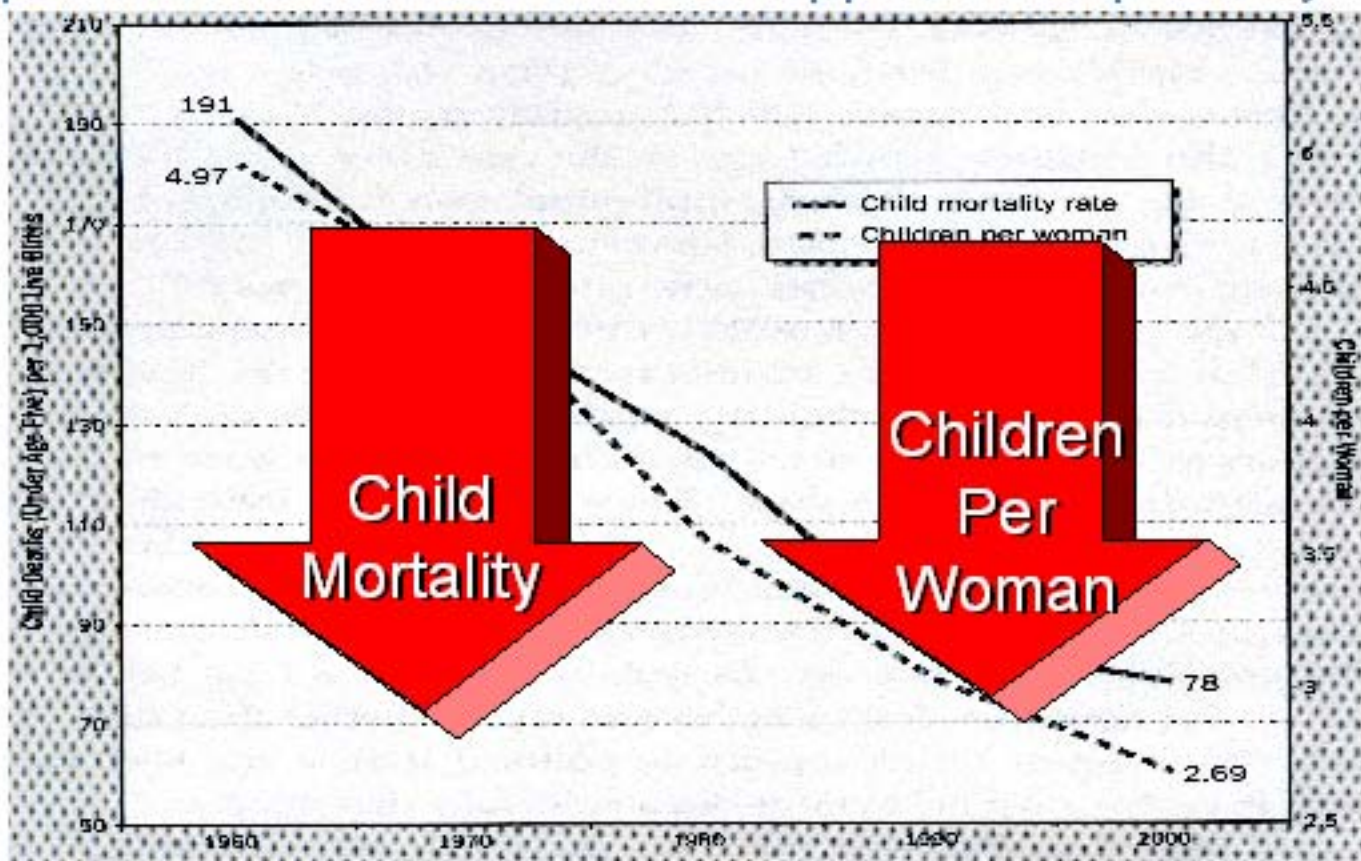
The Coming Waves

Three Major Components--Fertility, Mortality, and Immigration: Less can be More



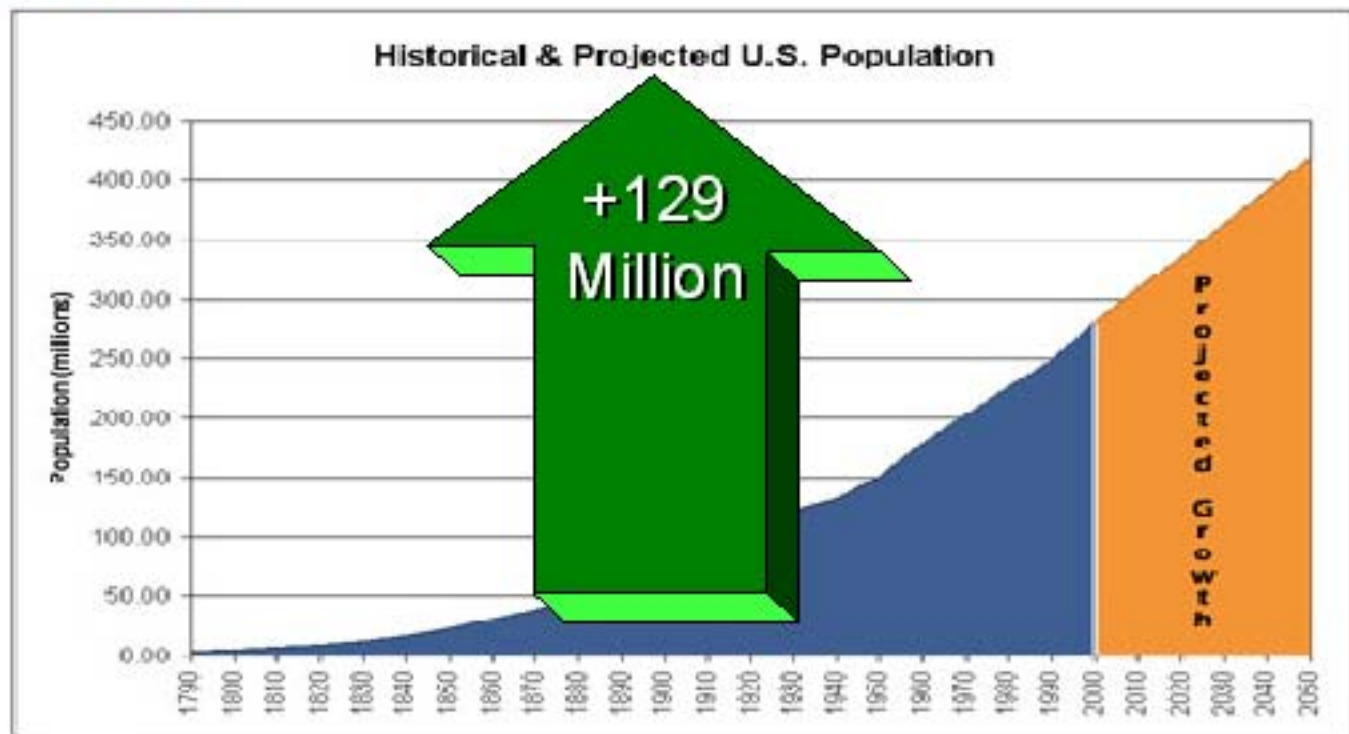
The Coming Waves

Around the world, Child Mortality Rates and Children per Woman Ratios have Dropped Precipitously



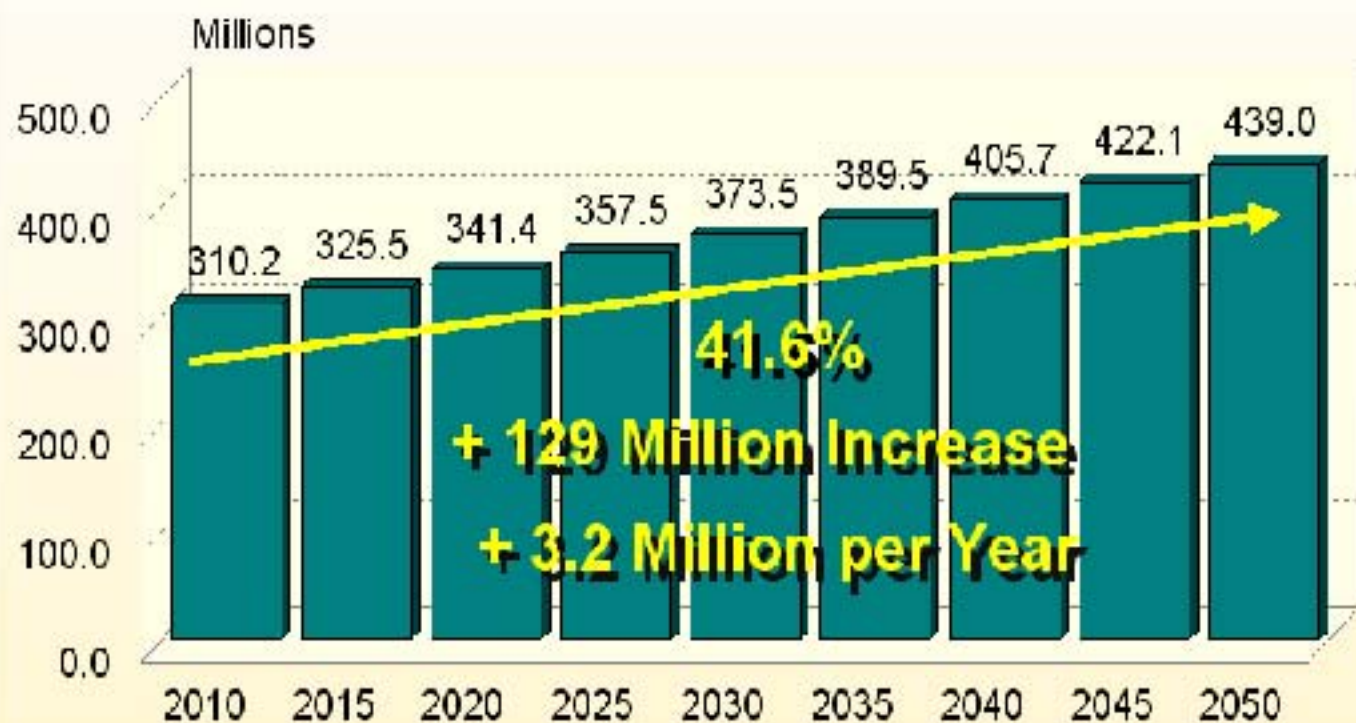
The Coming Waves

The U.S. Population more than doubled since 1950 and will continue to grow to over 400 Million by 2050



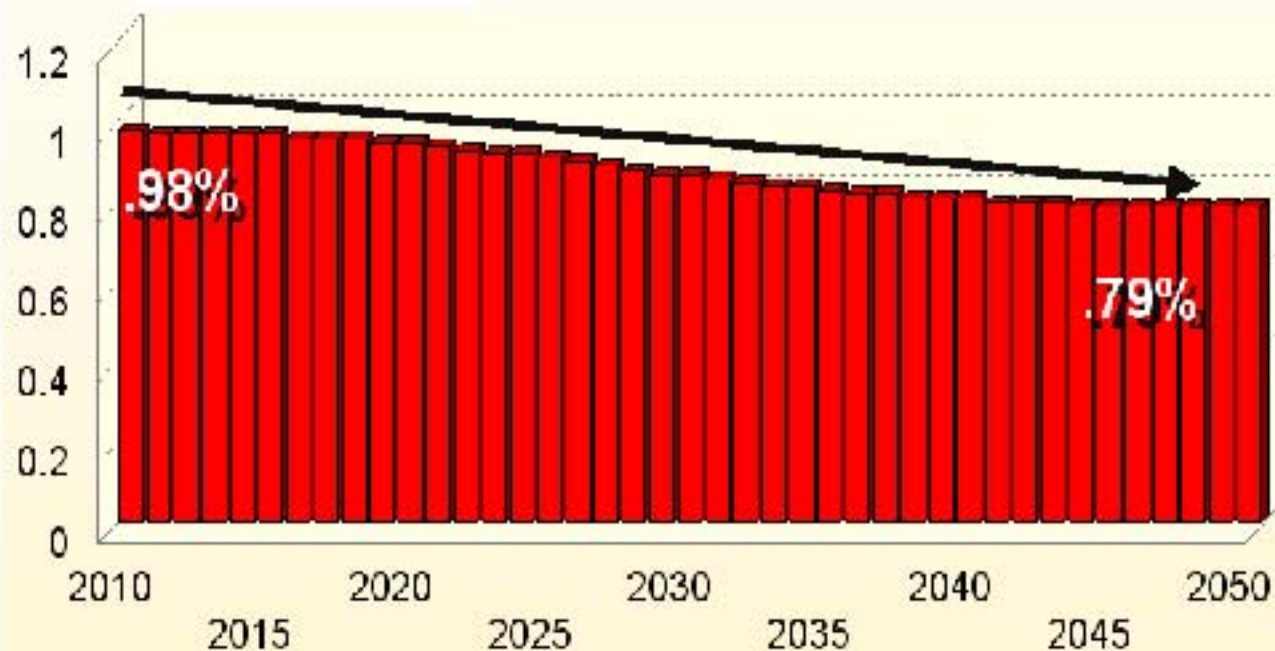
The Coming Waves

Despite slowing fertility rates, the population will increase about 3.2 Million per year through 2050



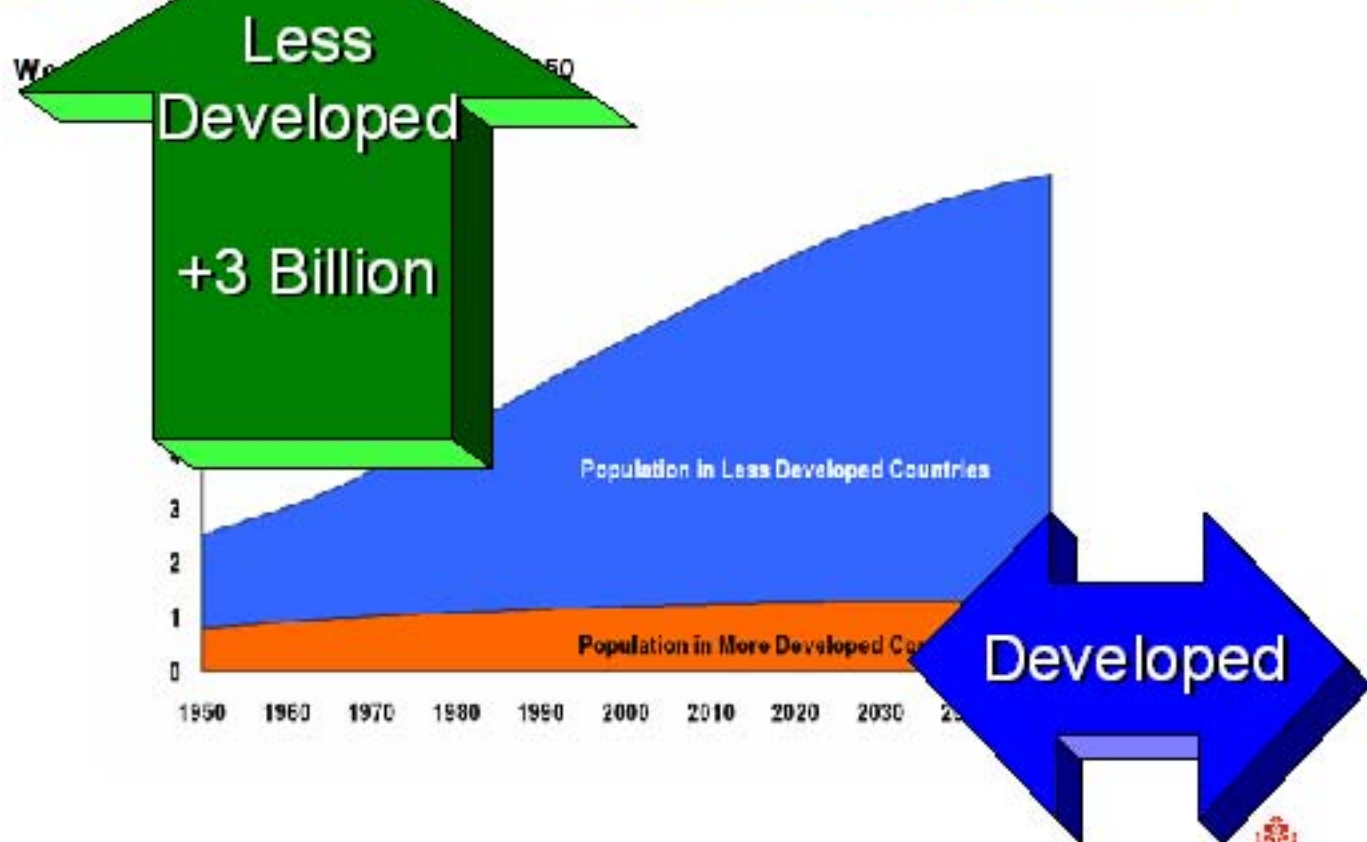
The Coming Waves

The Rate of Population Growth will slow down to less than 1% per year through 2050



The Coming Waves

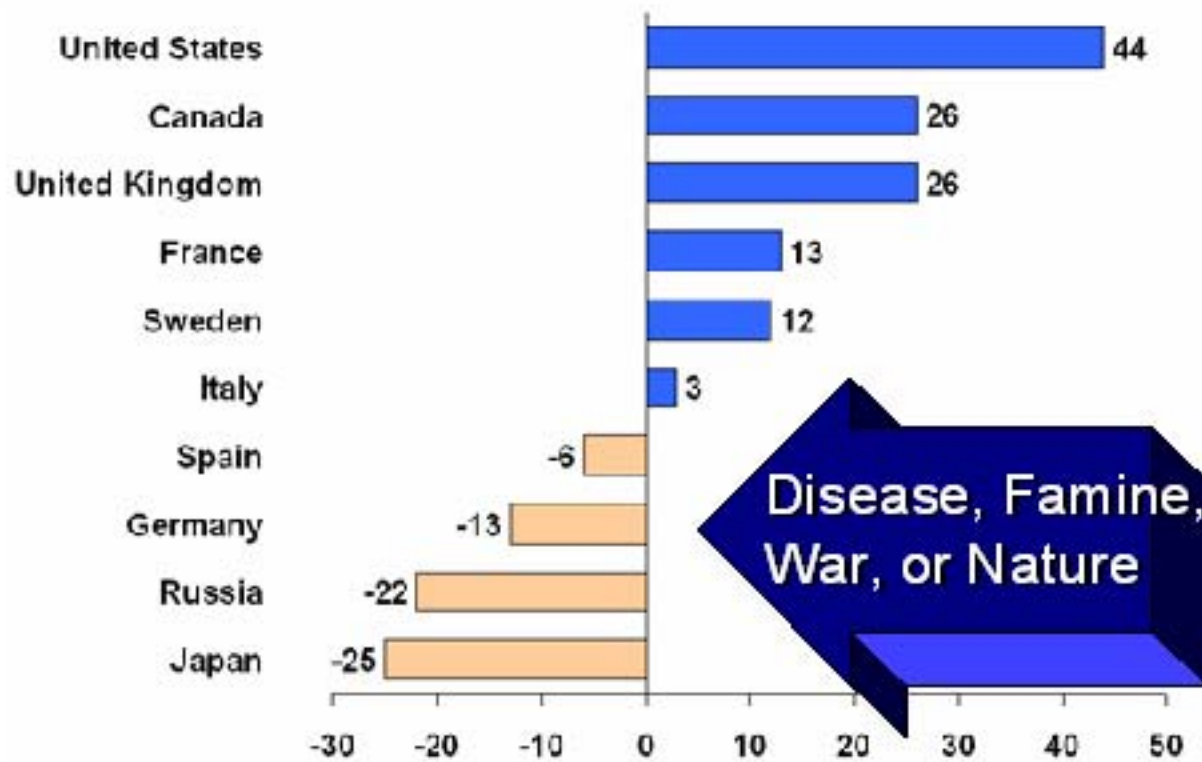
World Population Growth Is Almost Entirely Concentrated in the World's Poorer Countries.



The Coming Waves

The U.S. Continues to lead the Developed Countries of the World in Population Growth

Percent Change in Population, Selected Countries: 2008-2050

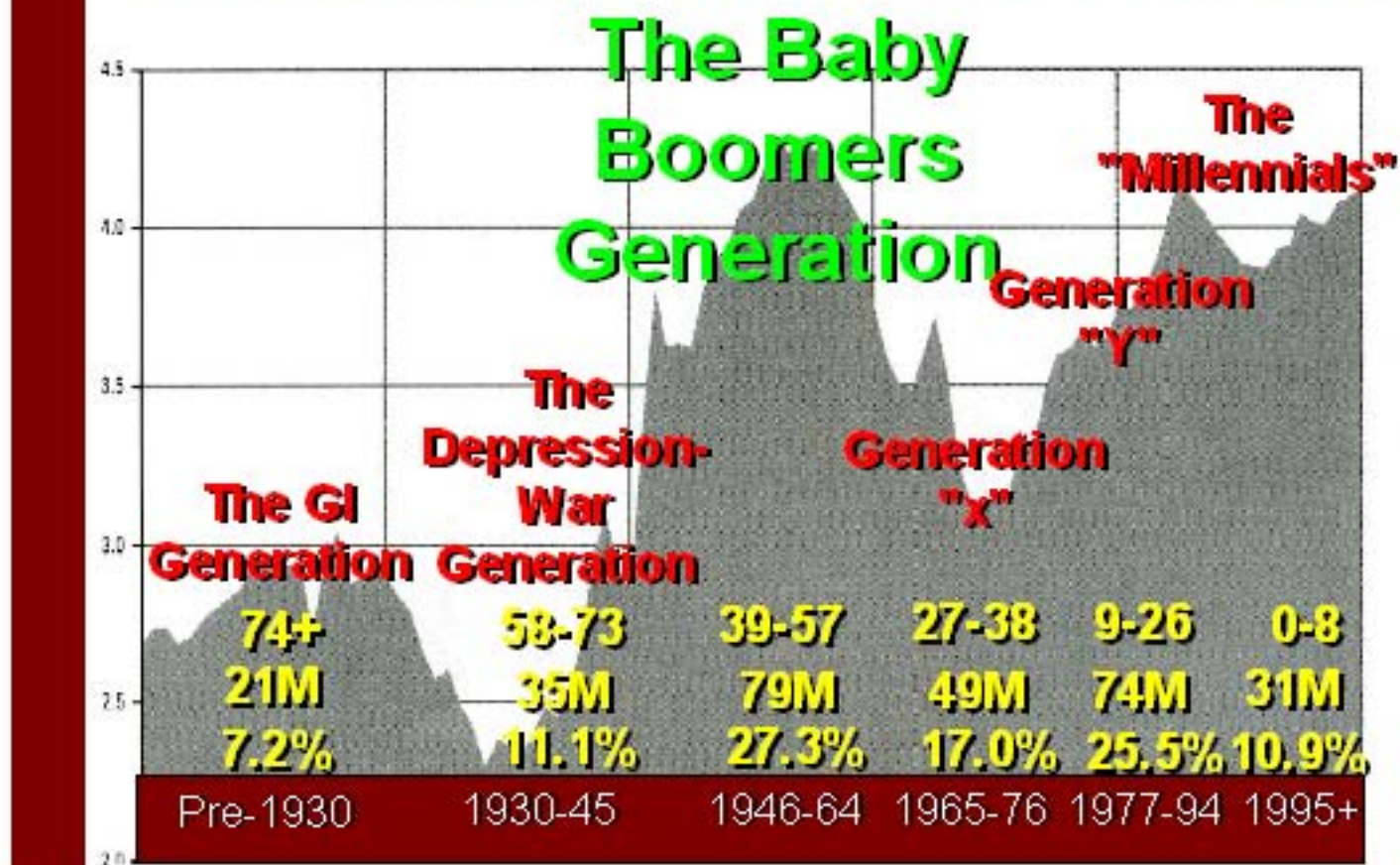


So, in spite of decreasing birth rates, the other two vital demographic ingredients--lower mortality rates and steady migration trends--leads us to an increasing population in the U.S. and in areas of the world. Less is more.



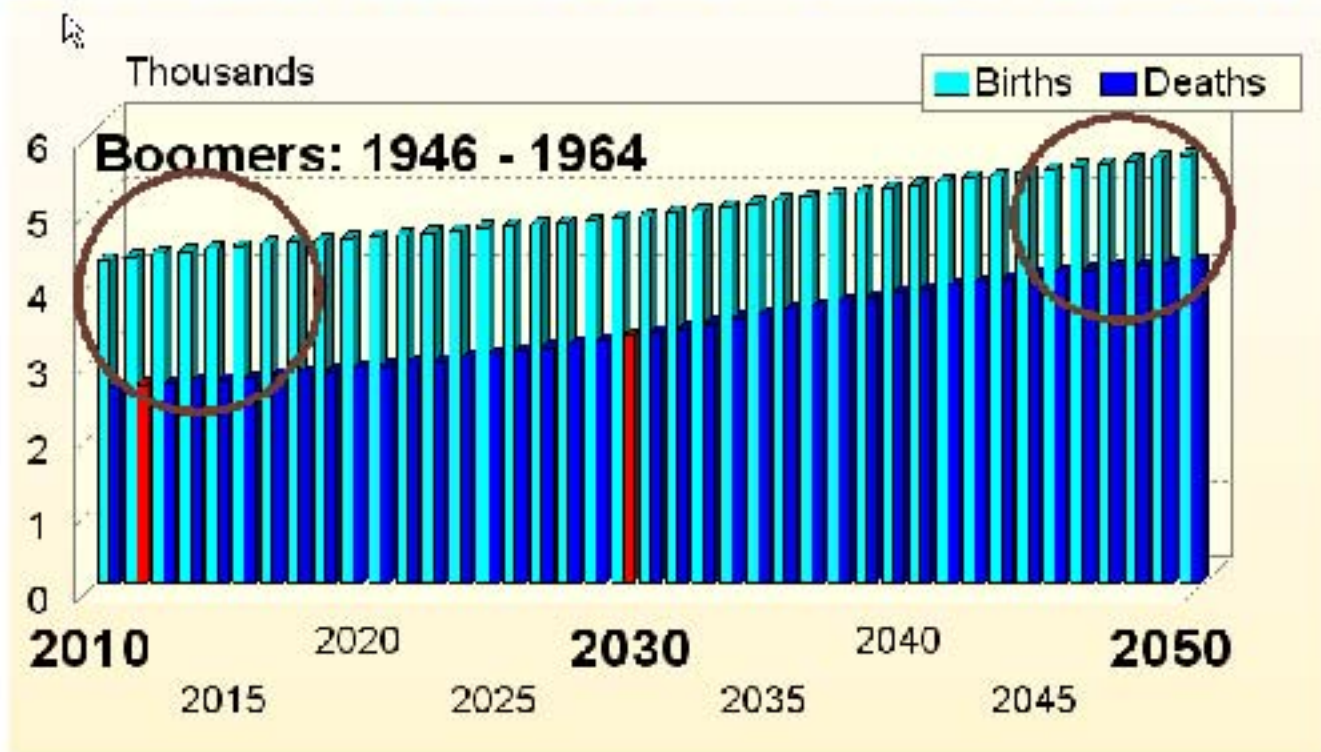
When Old is Young

Isn't it always about the Boomers??



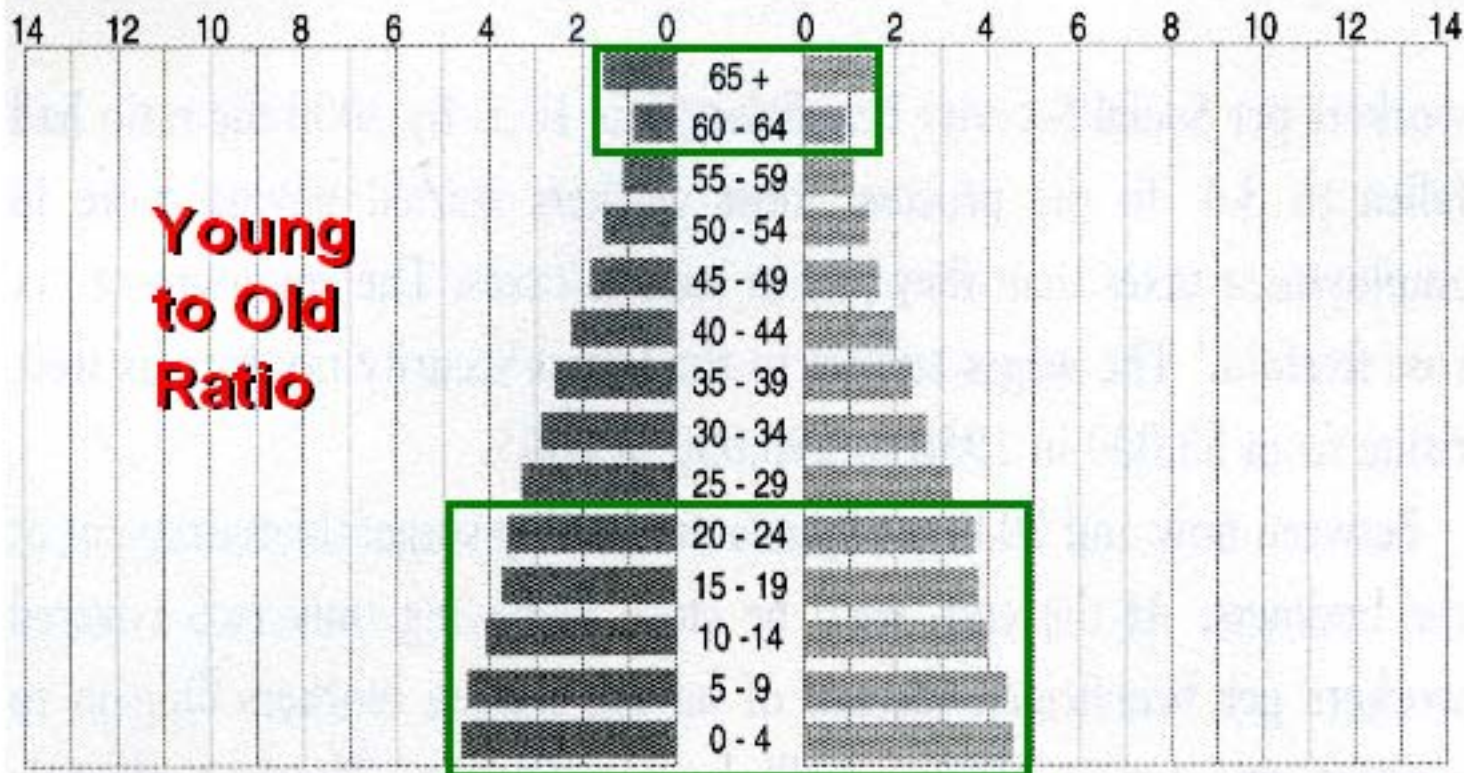
The Coming Waves

The first wave of "Boomers" begins turning 65 in 2011. The last set of "Boomers" reach 65 in 2031.

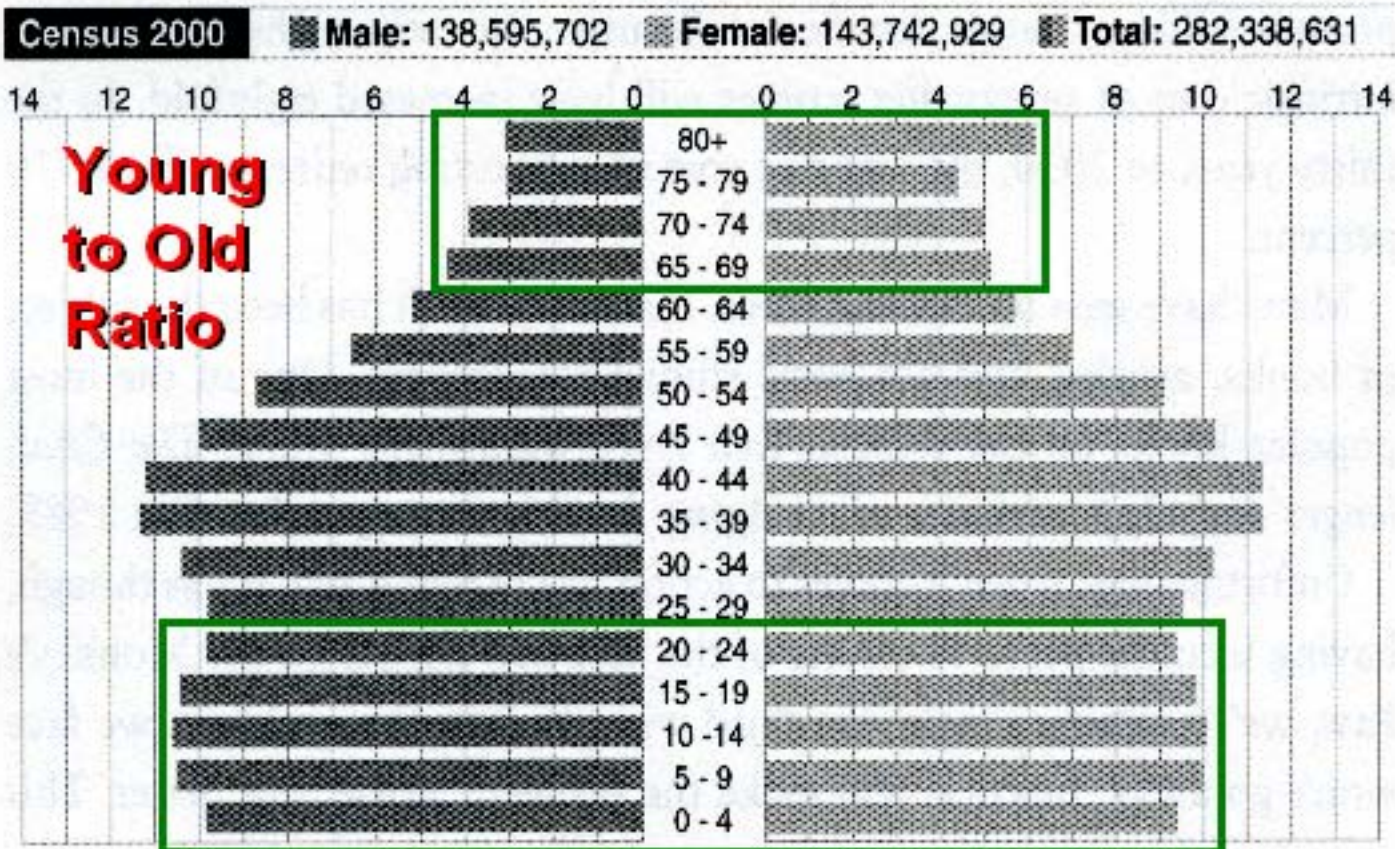


The Age Pyramid: 1900

Census 1900* ■ Male: 38,816,448 ■ Female: 37,178,127 ■ Total: 75,994,575

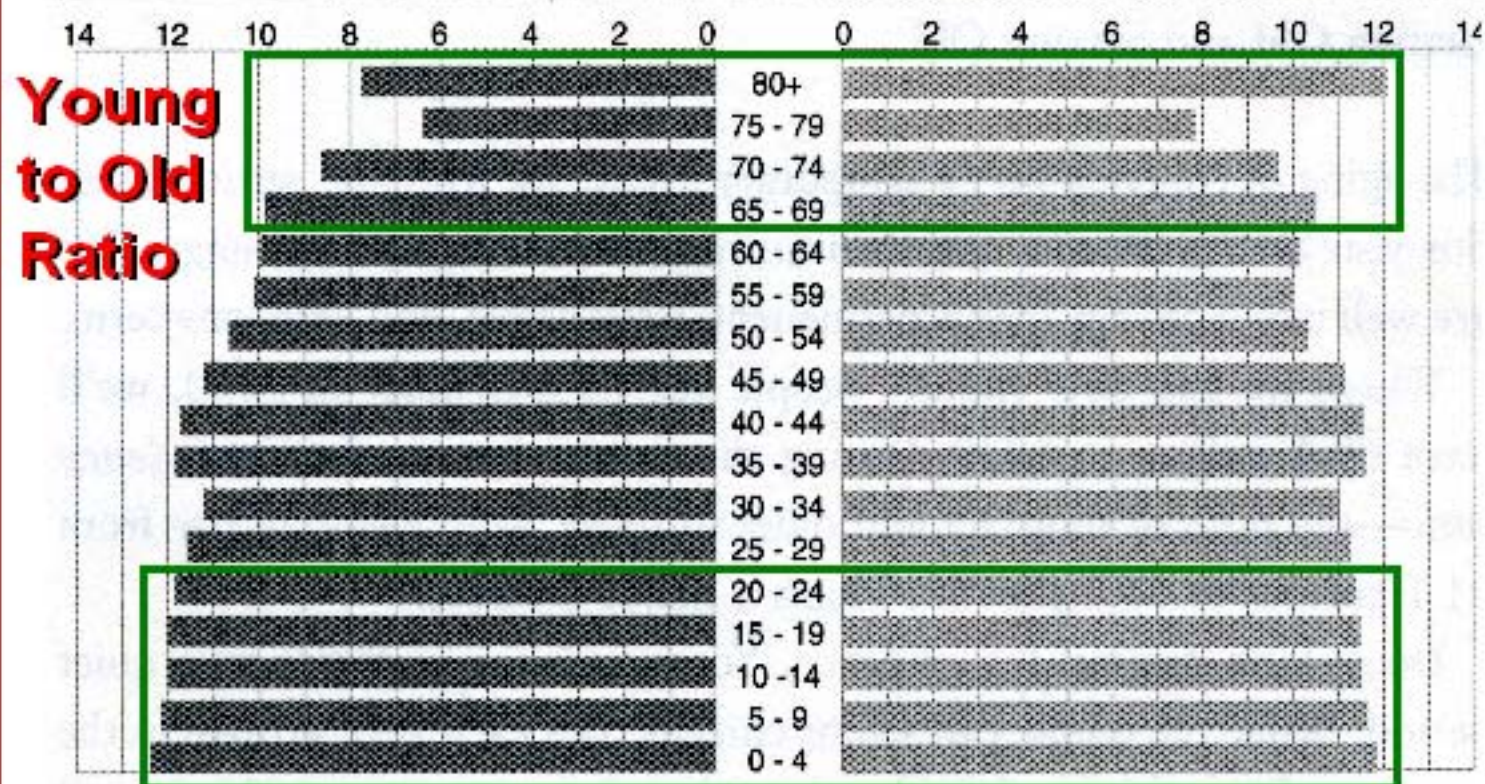


The Age Pyramid: 2000



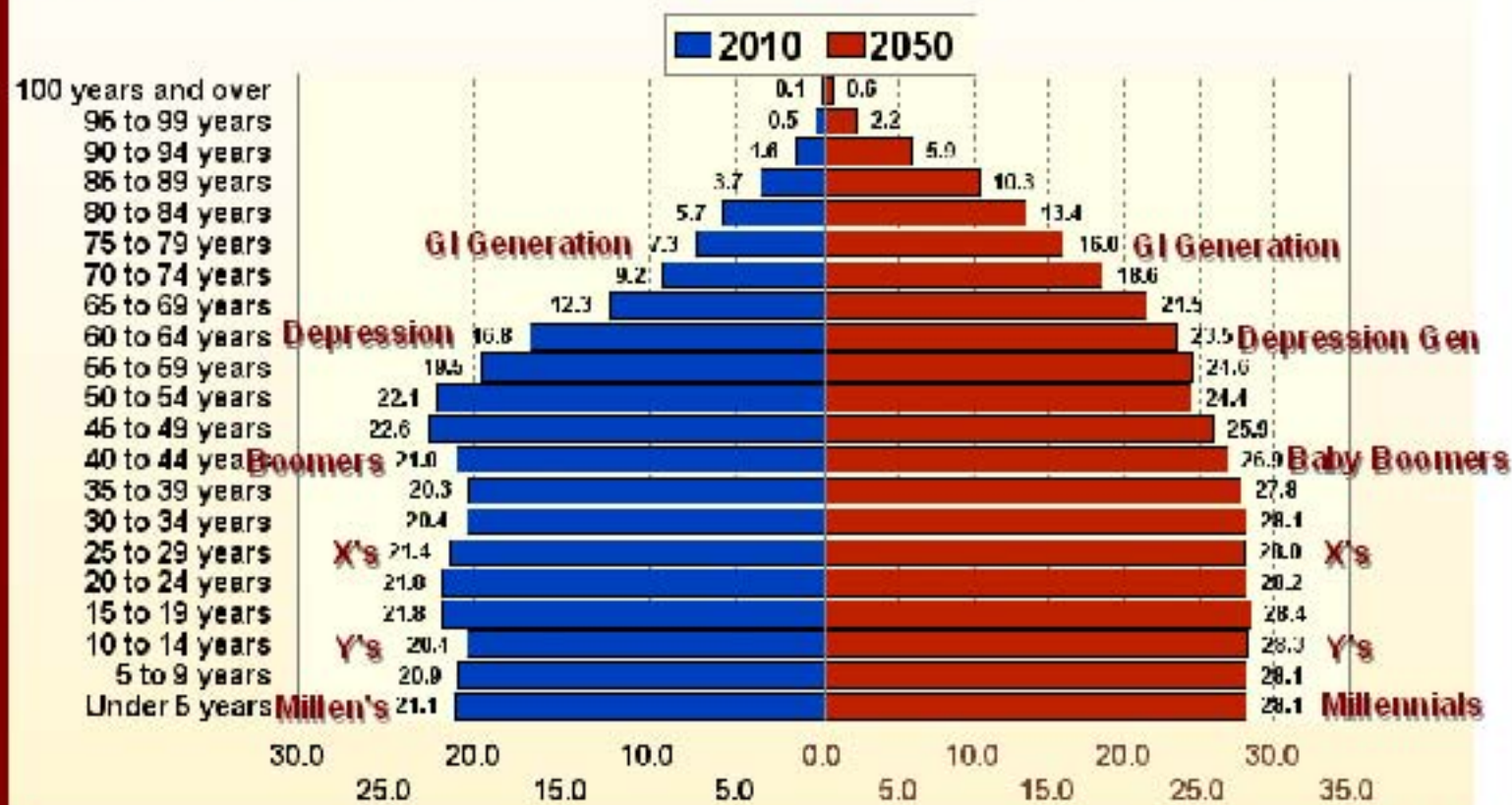
The Age Pyramid: 2030

Census 2030** ■ Male: 178,758,293 ■ Female: 185,053,142 ■ Total: 363,811,435



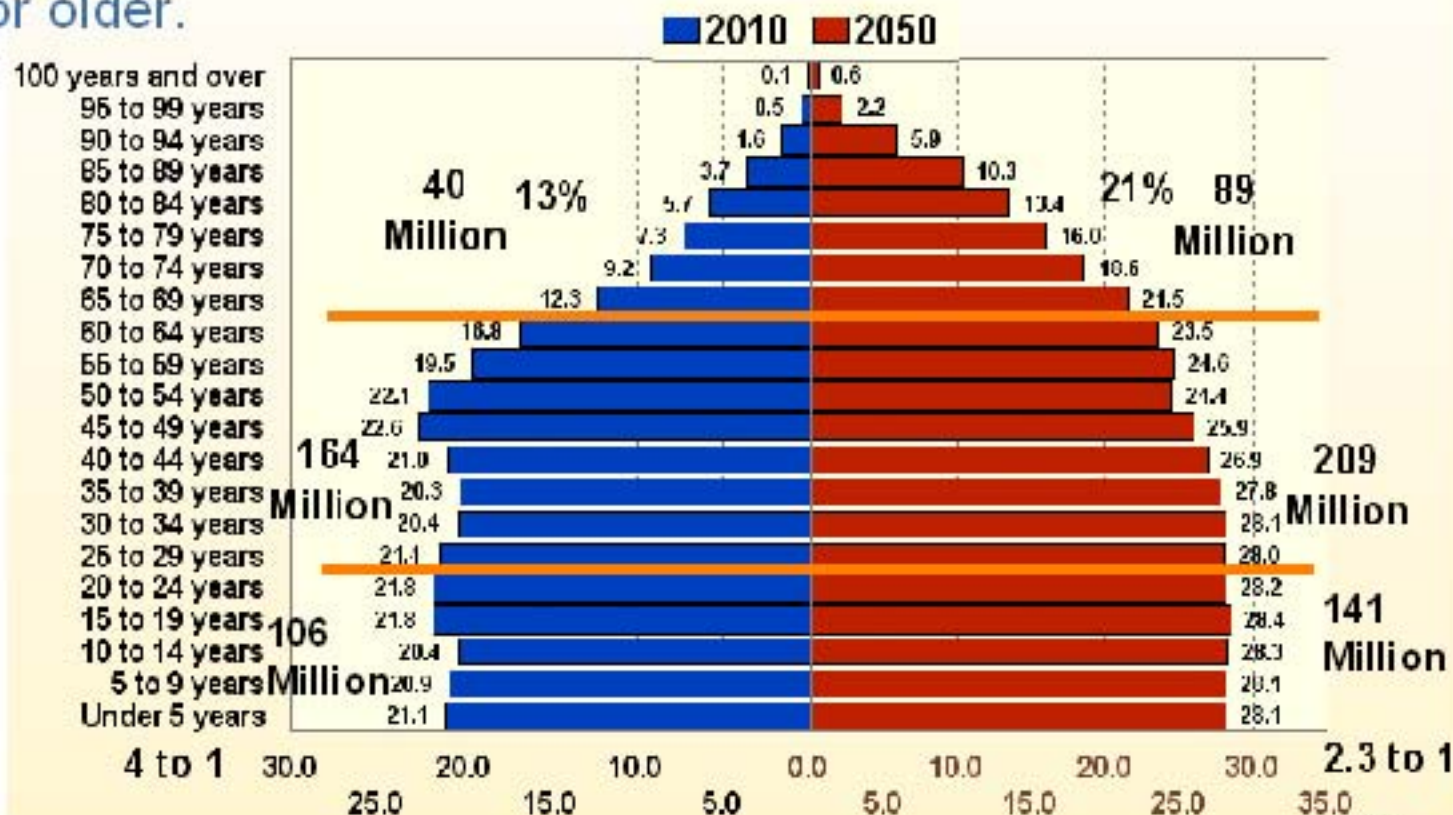
The Coming Waves

The Distribution of the Population "Pyramid" shows the impact of the coming demographic changes



The Coming Waves

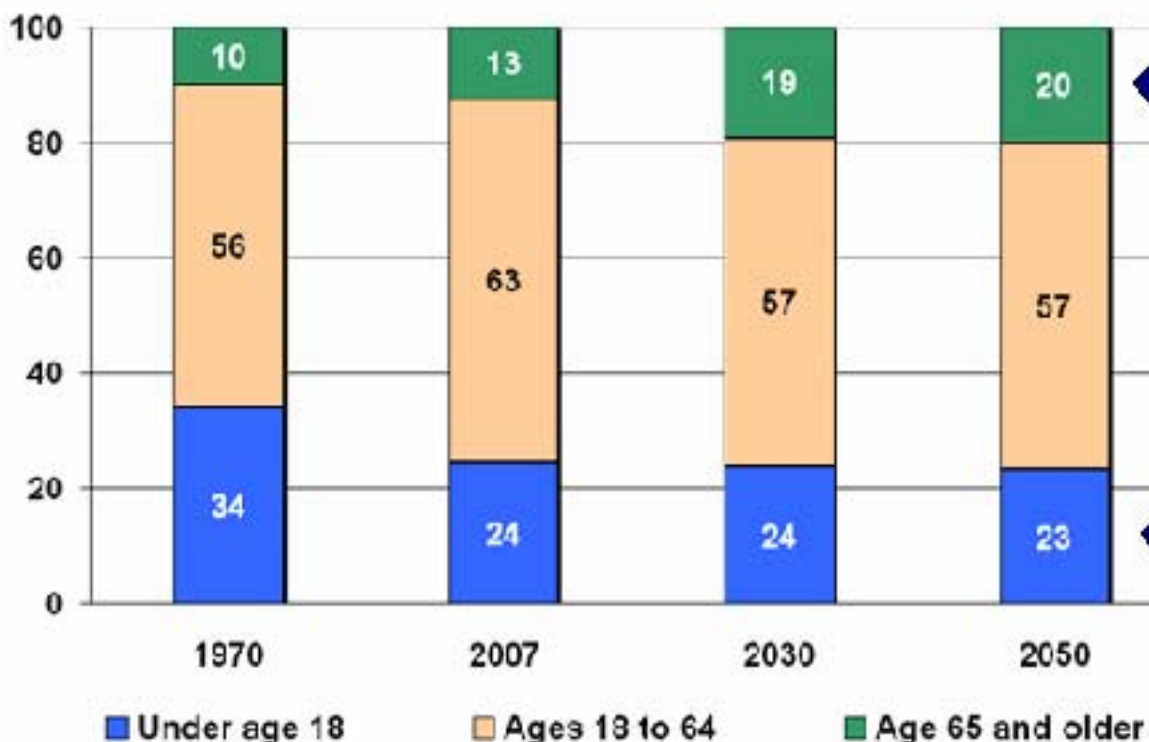
The Population Pyramid illustrates the "wave" awaiting the U.S. in the future. Almost 90 million Americans will be 65 or older.



The Coming Waves

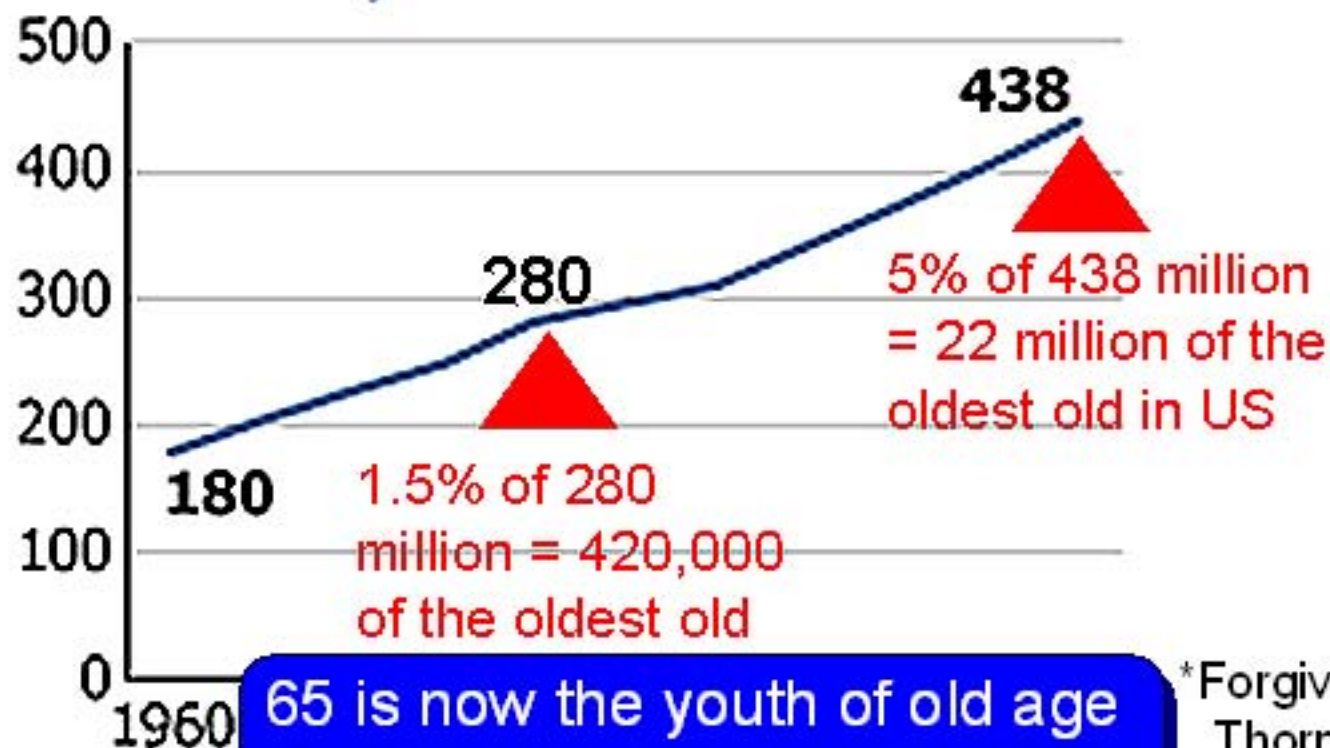
The Population over 65 will Approximate the Under 18 population in 2050

Percent of U.S. Population In Selected Age Groups: 1970-2050



The Coming Waves

The **Over 85** population will be the largest in the history of the United States

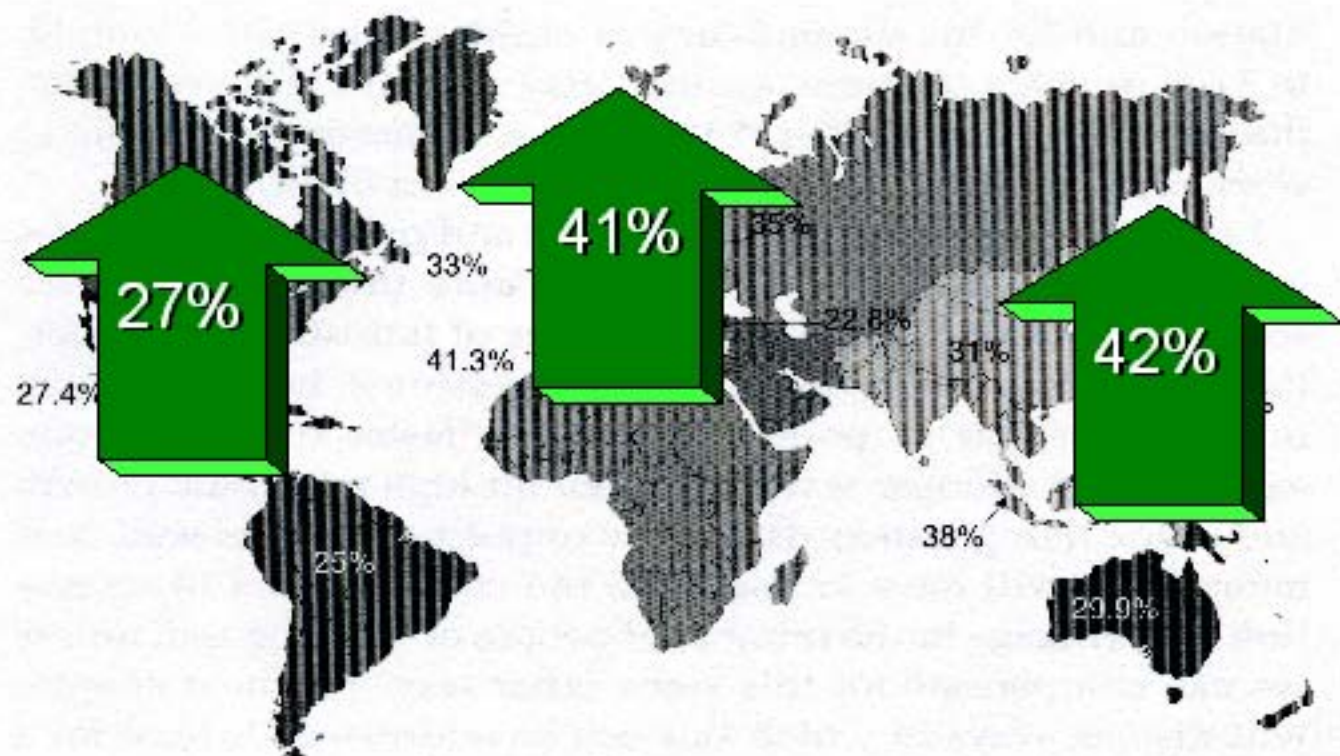


65 is now the youth of old age and the old age of youth.*

*Forgive me
Thornton
Wilder

The Coming Waves

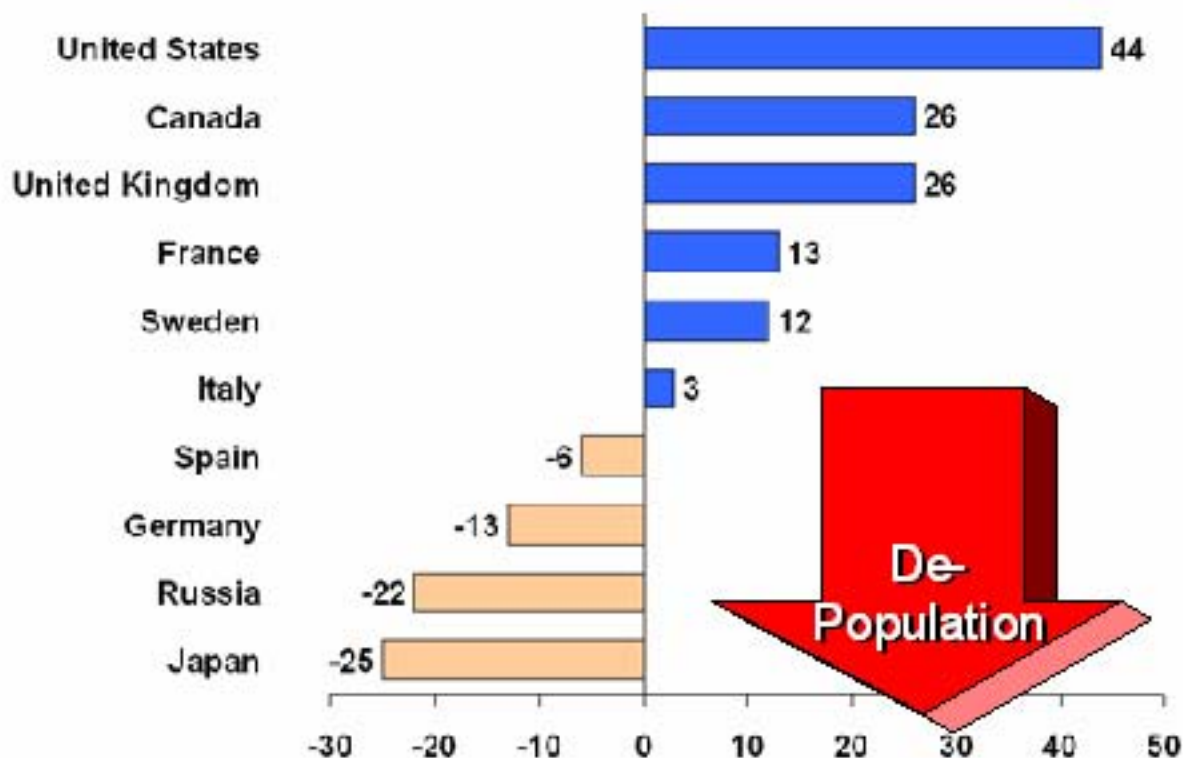
Percent of Over 65 Population World-wide, 2050



The Coming Waves

In the critical area of jobs, some developed nations face potential critical worker shortages

Percent Change in Population, Selected Countries: 2008-2050



The Coming Waves

The Percent Growth of the U.S. Working-Age Population will become smaller toward 2050.

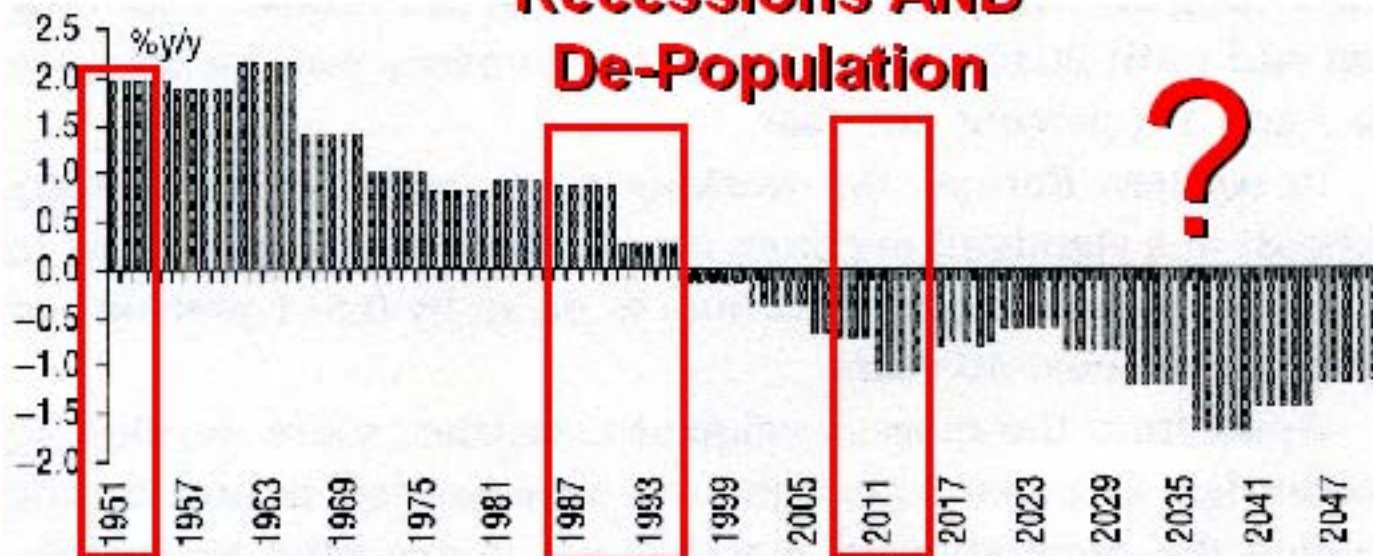


The Coming Waves

The Percent Growth of the Working-Age Population in Japan (and the European Continent) will actually be negative toward 2050.

Japan

**Job-Loss
Recessions AND
De-Population**



"The elements of building a nation with only young workers is over. The definitions and social implications of the current age norms of this past century will be replaced by an entirely new set of conditions upon how we view age and work in this country."

George Magnus, The Age of Aging

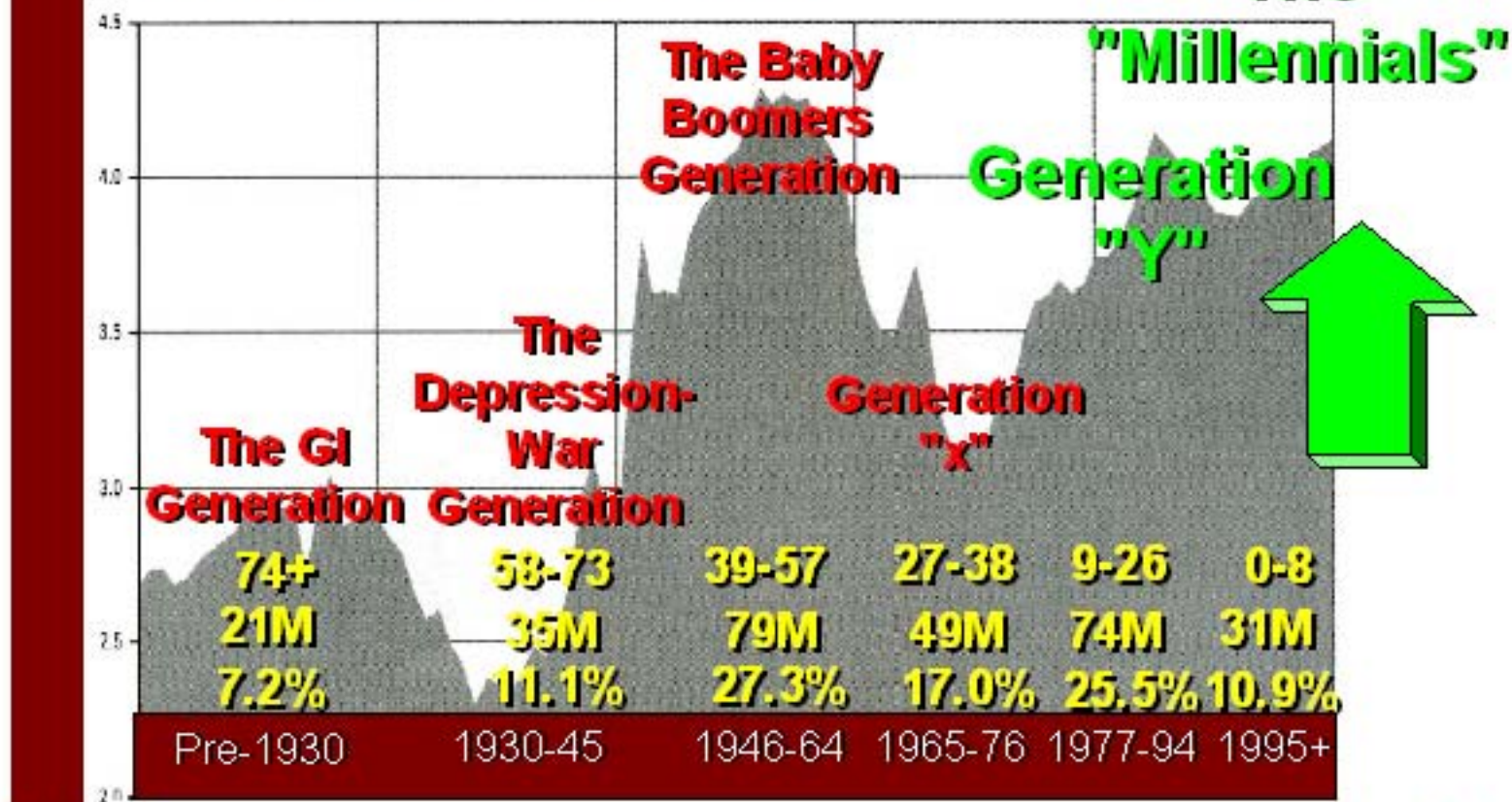


When Minor is Major

3

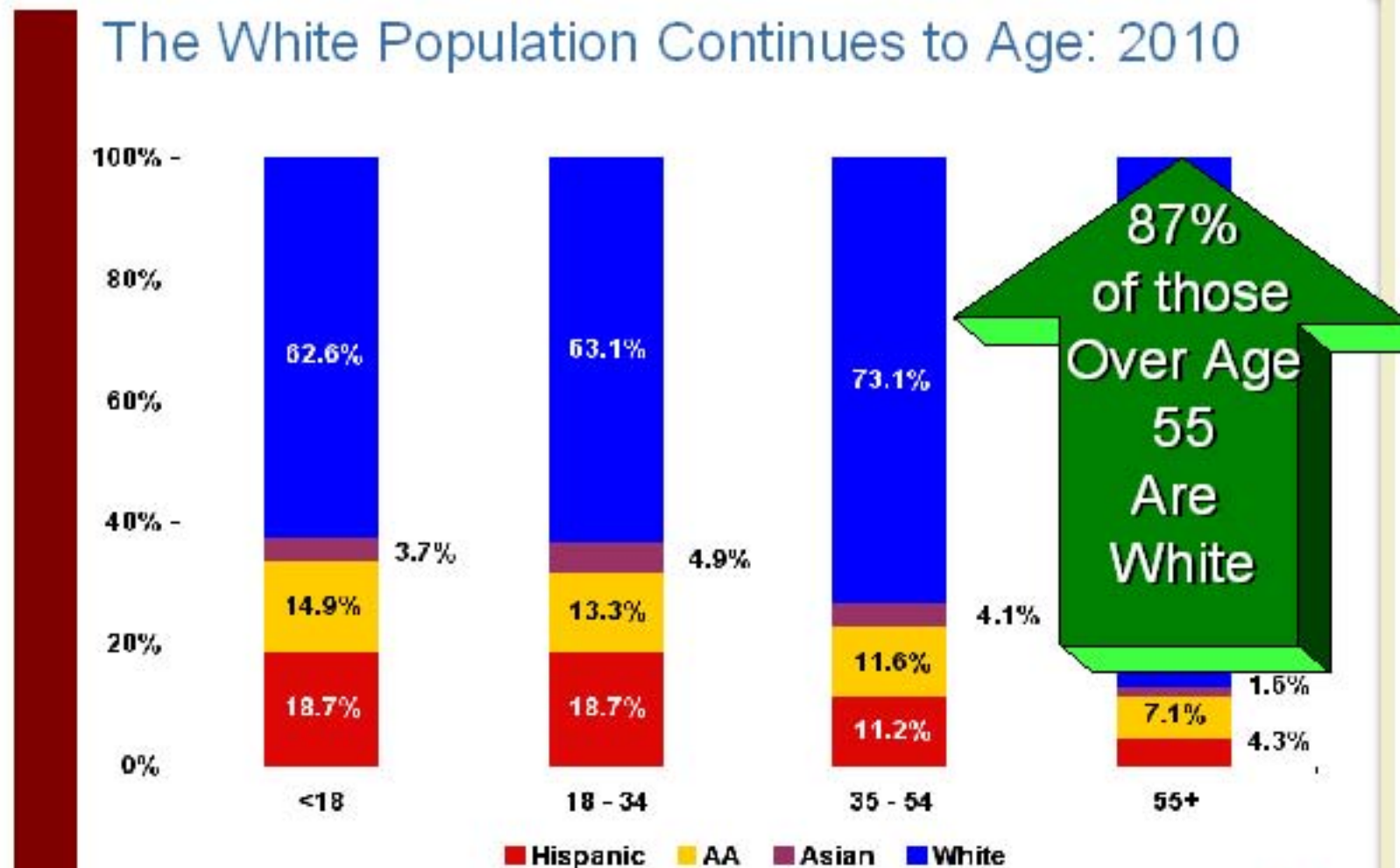
The Coming Waves

These two generations will be the most multicultural in our history



The Coming Waves

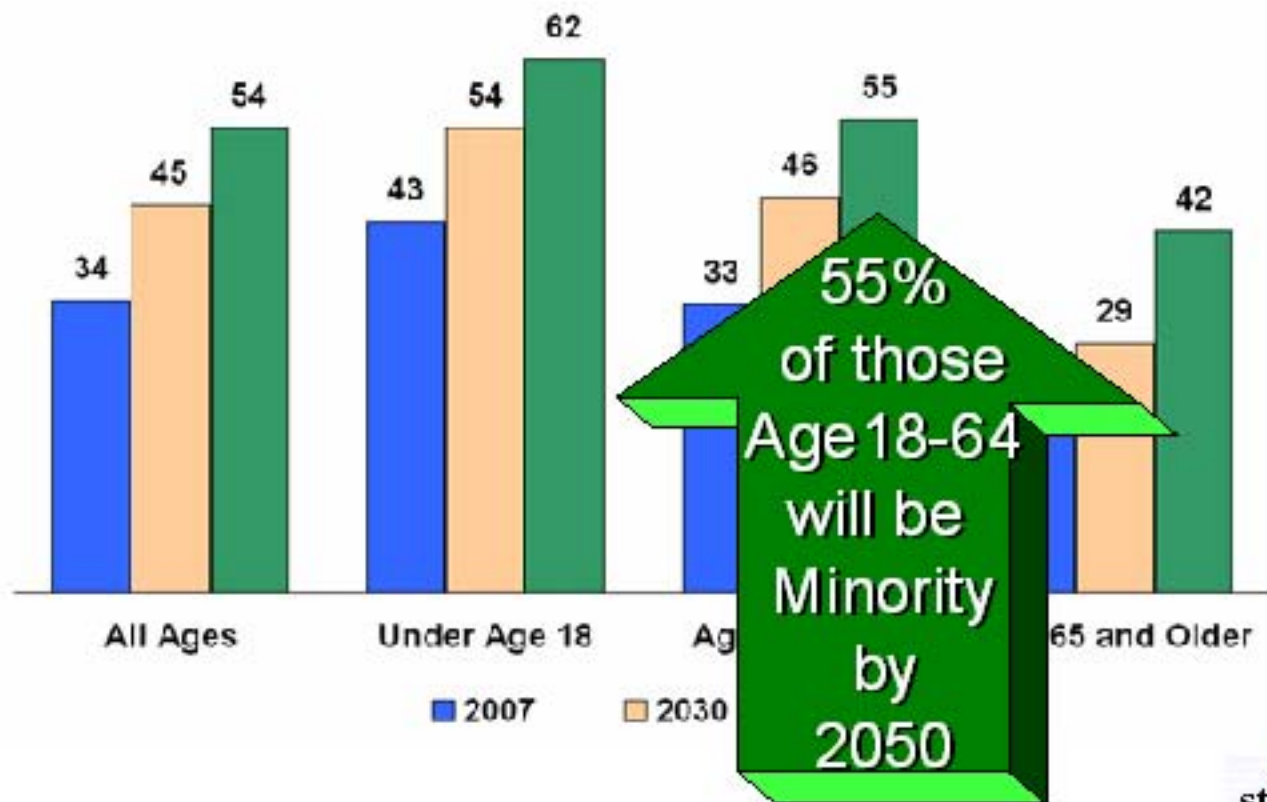
The White Population Continues to Age: 2010



The Coming Waves

The Minority Population will be the Majority Population by 2050 for those under 64 years old.

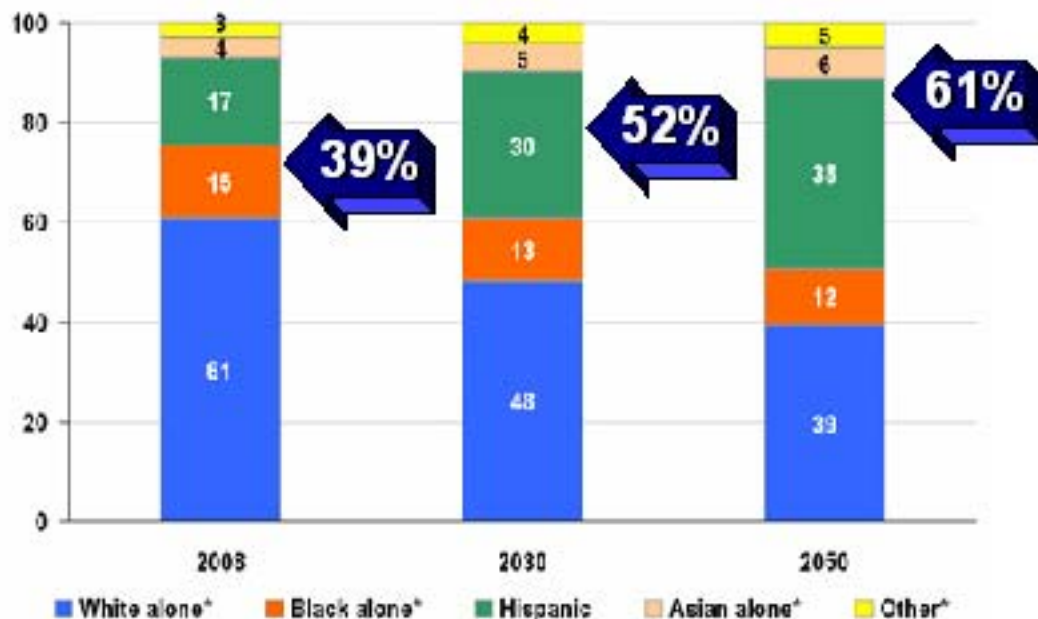
Percent of the U.S. Population That Is Minority, by Age Group: 2007-2050



The Coming Waves

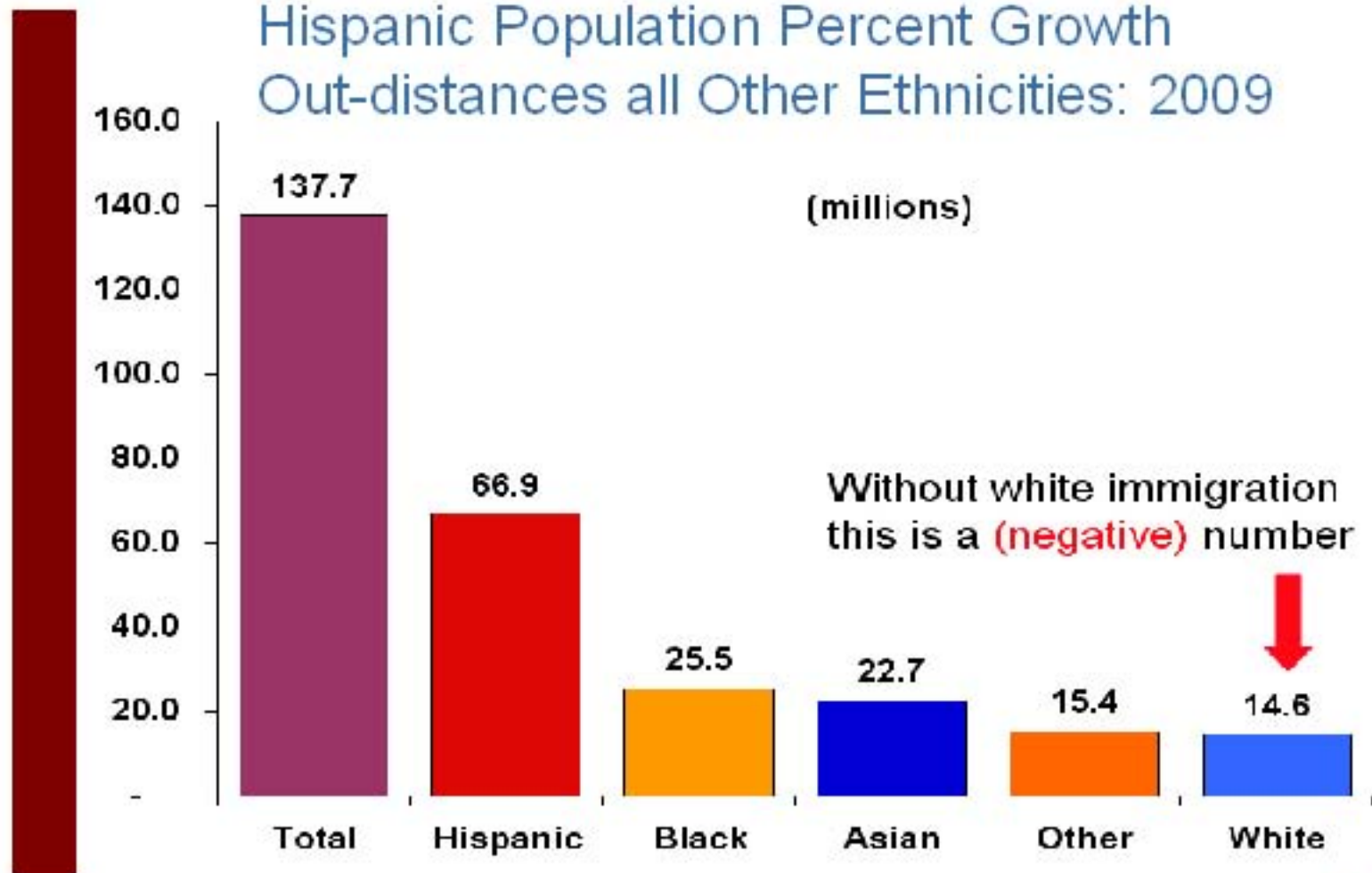
By 2030, More Than Half of all Youth Will Be Members of a Racial or Ethnic Minority.

Percent of Youth Ages 15-24, United States: 2008, 2030, and 2050

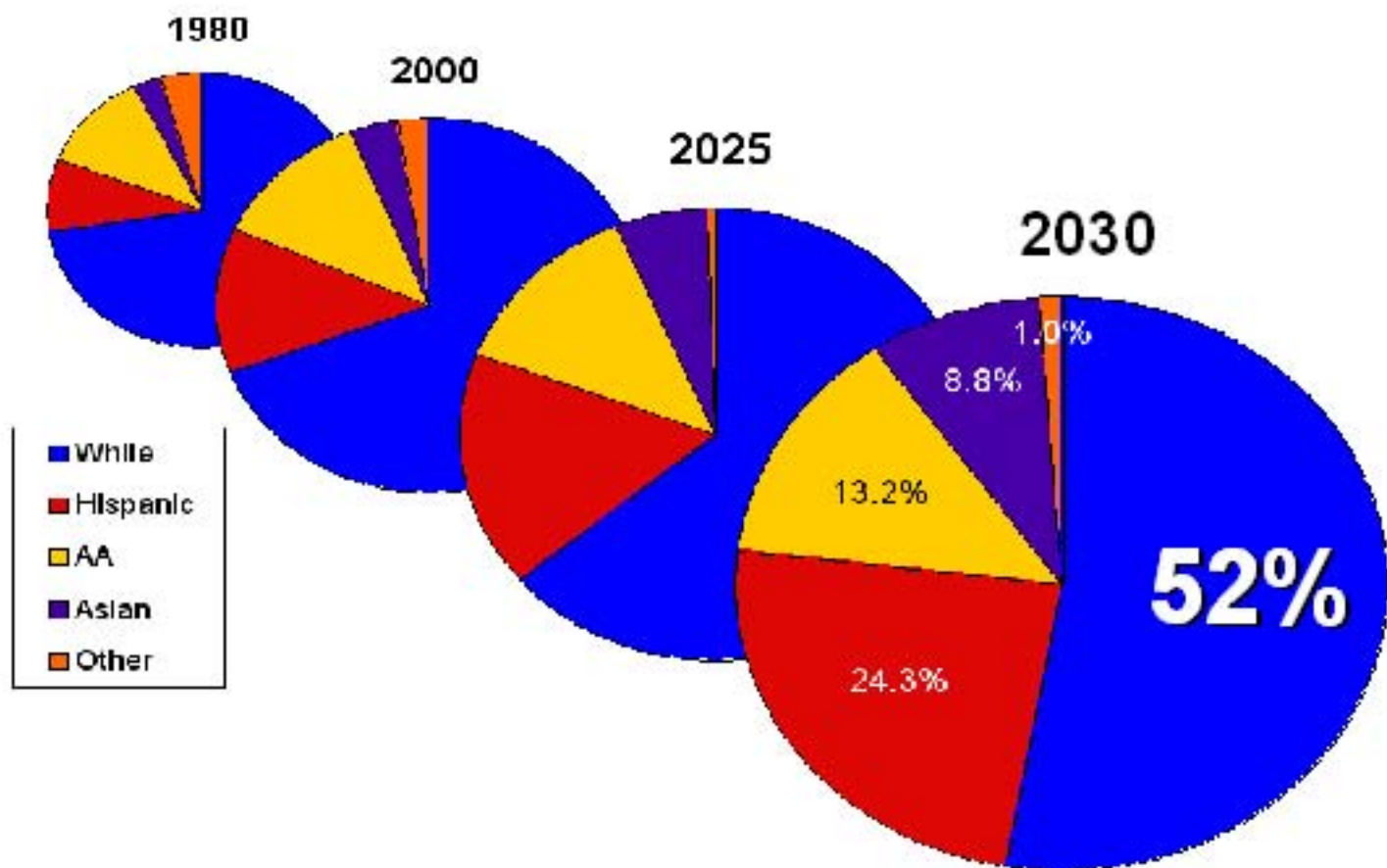


The Coming Waves

Hispanic Population Percent Growth Out-distances all Other Ethnicities: 2009

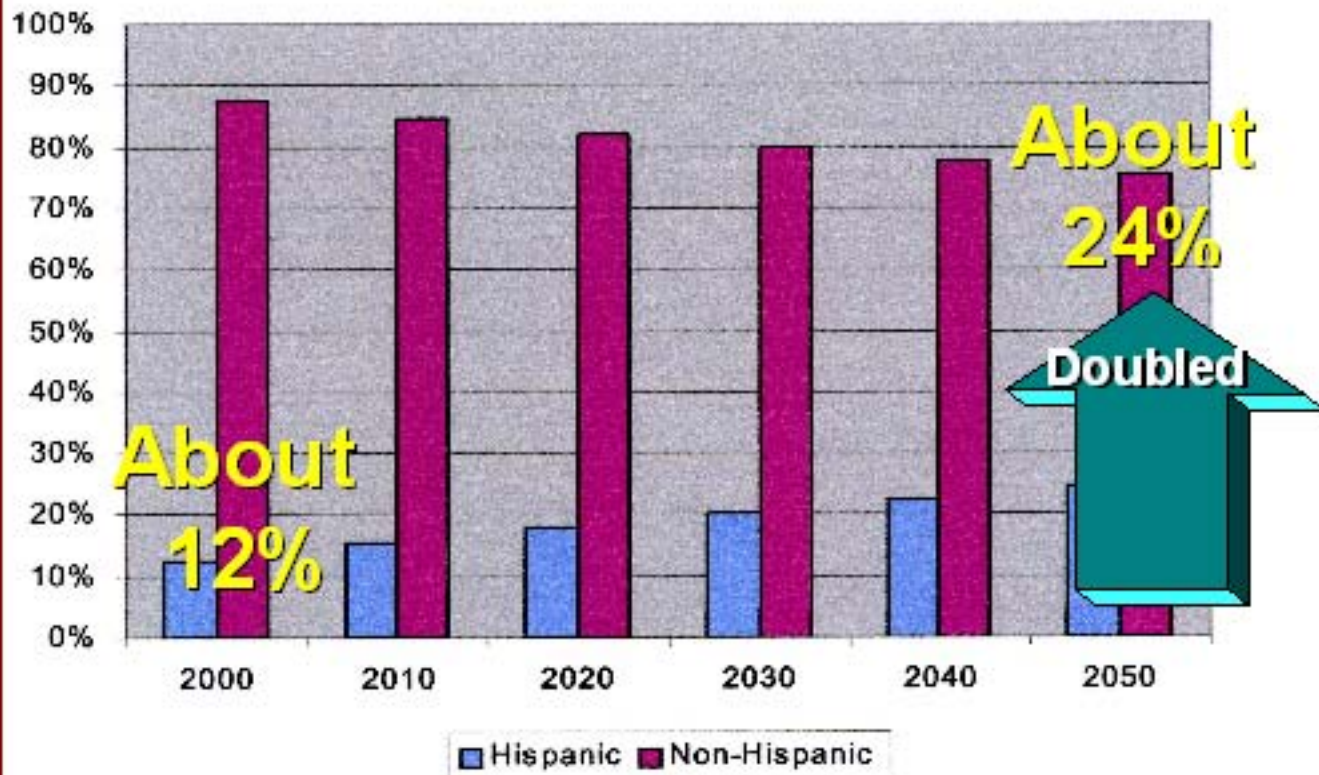


The Coming Waves

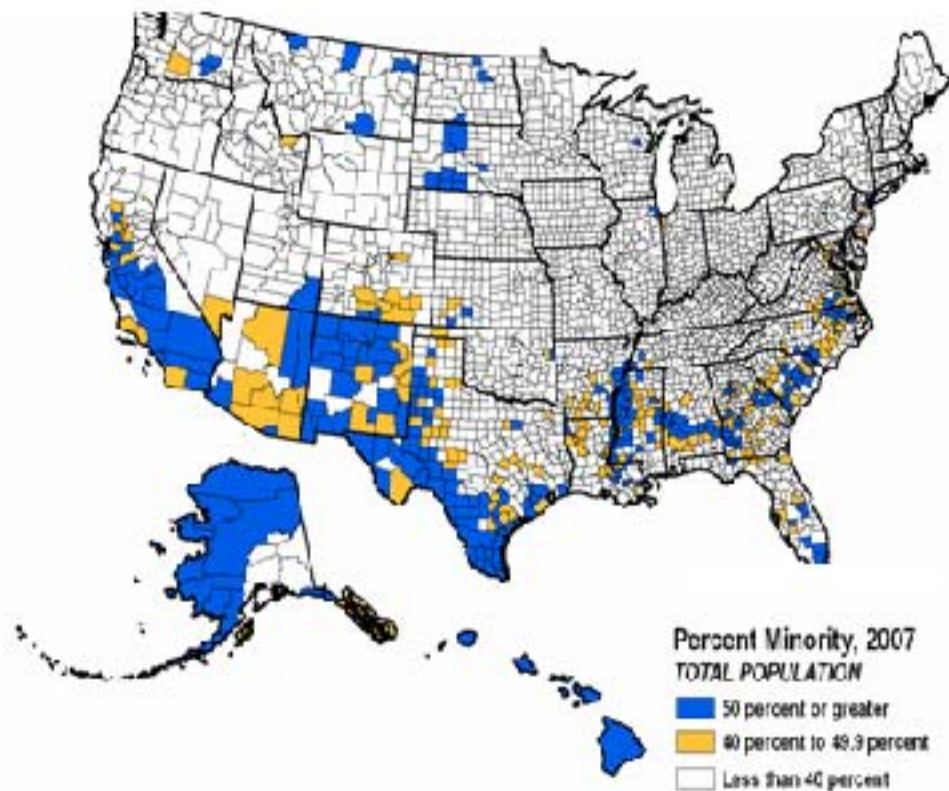


The Coming Waves

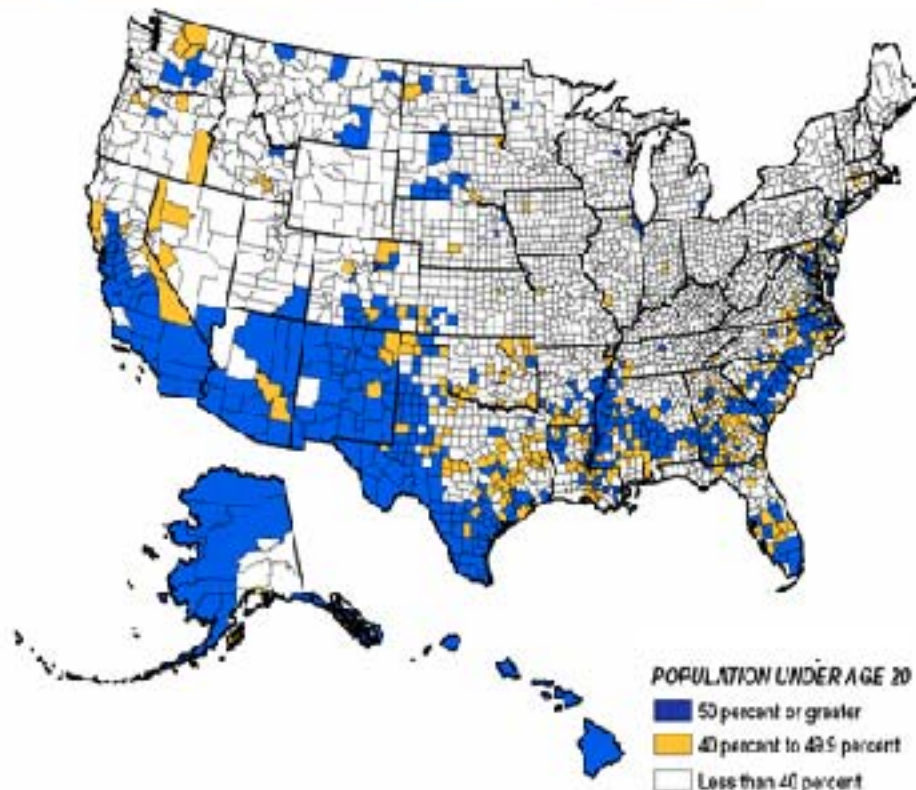
The Hispanic Population as Percent of Total of the Population will be doubled.



U.S. Counties at or Nearing Majority-Minority Status: 2009 Total Population



U.S. Counties at or Nearing Majority-Minority Status: 2009 Under 20 Population



Summary of Hispanic Population Trends

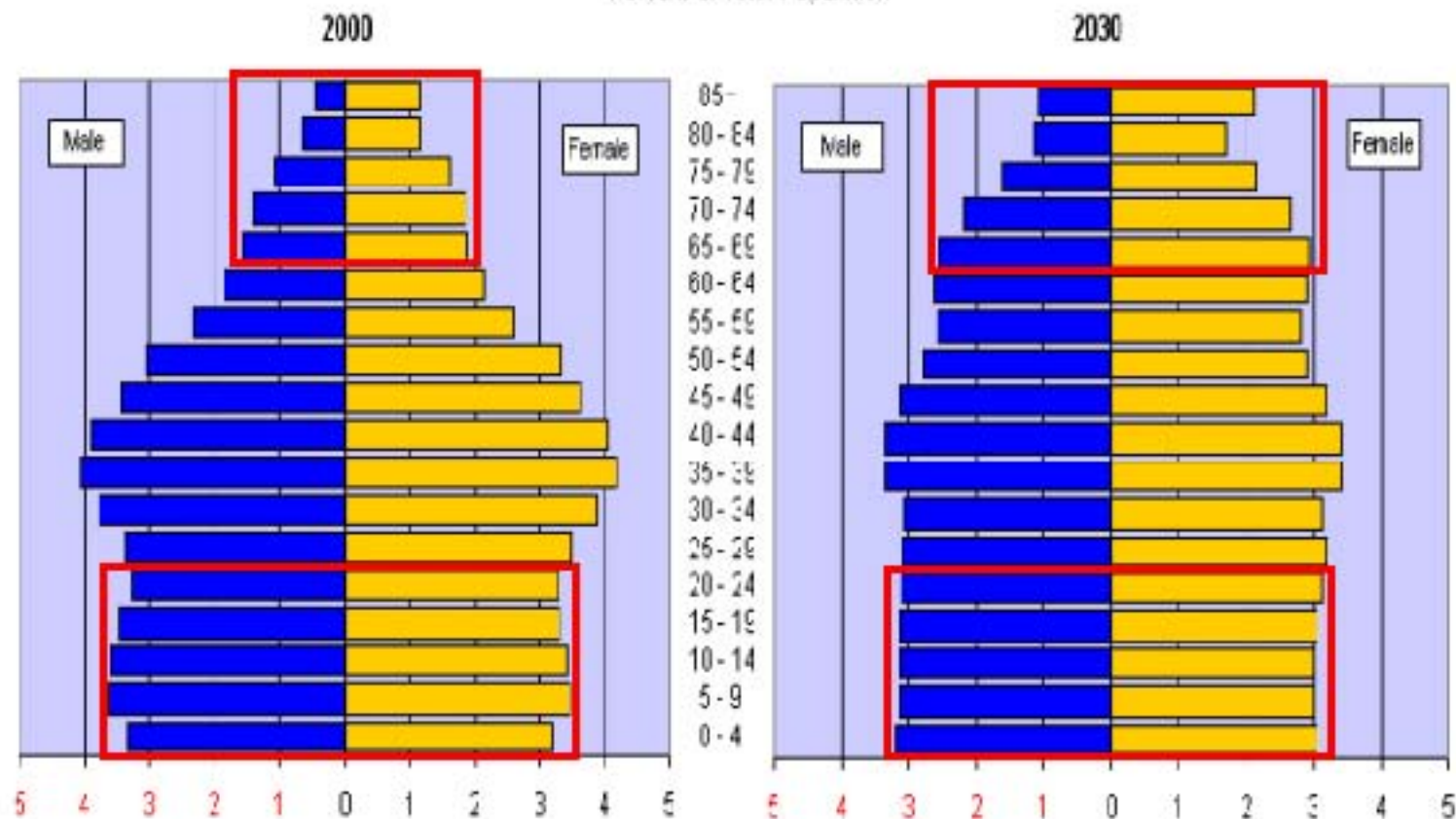
- Over the last census period the **Hispanic population grew 57%**, vs. **13%** for the general population
- Over the past two years **1/2 the population growth** in the U.S. was Latino
- Not counting Puerto Rico, there are **43 million Hispanics** in this country
- There are an estimated **4 - 6 million undocumented Hispanics** and close to **4 million** in Puerto Rico
- In TX, CA, NM, HI, the **non Hispanic white population is less than 50%**



4 The Local Trends

Population Pyramids of New York

Percent of Total Population

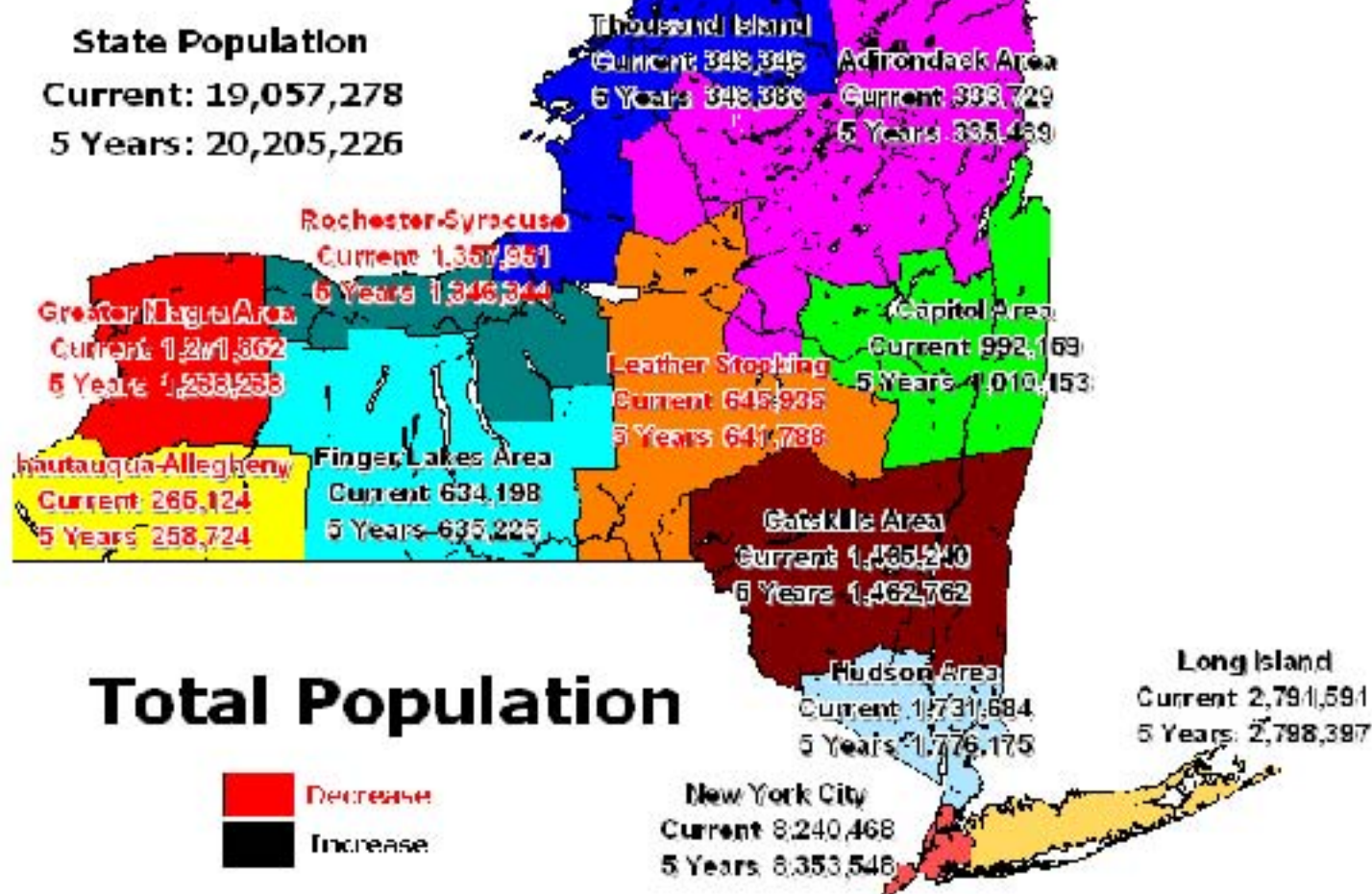


Geo Tracks

State Population

Current: 19,057,278

5 Years: 20,205,226



Total Population

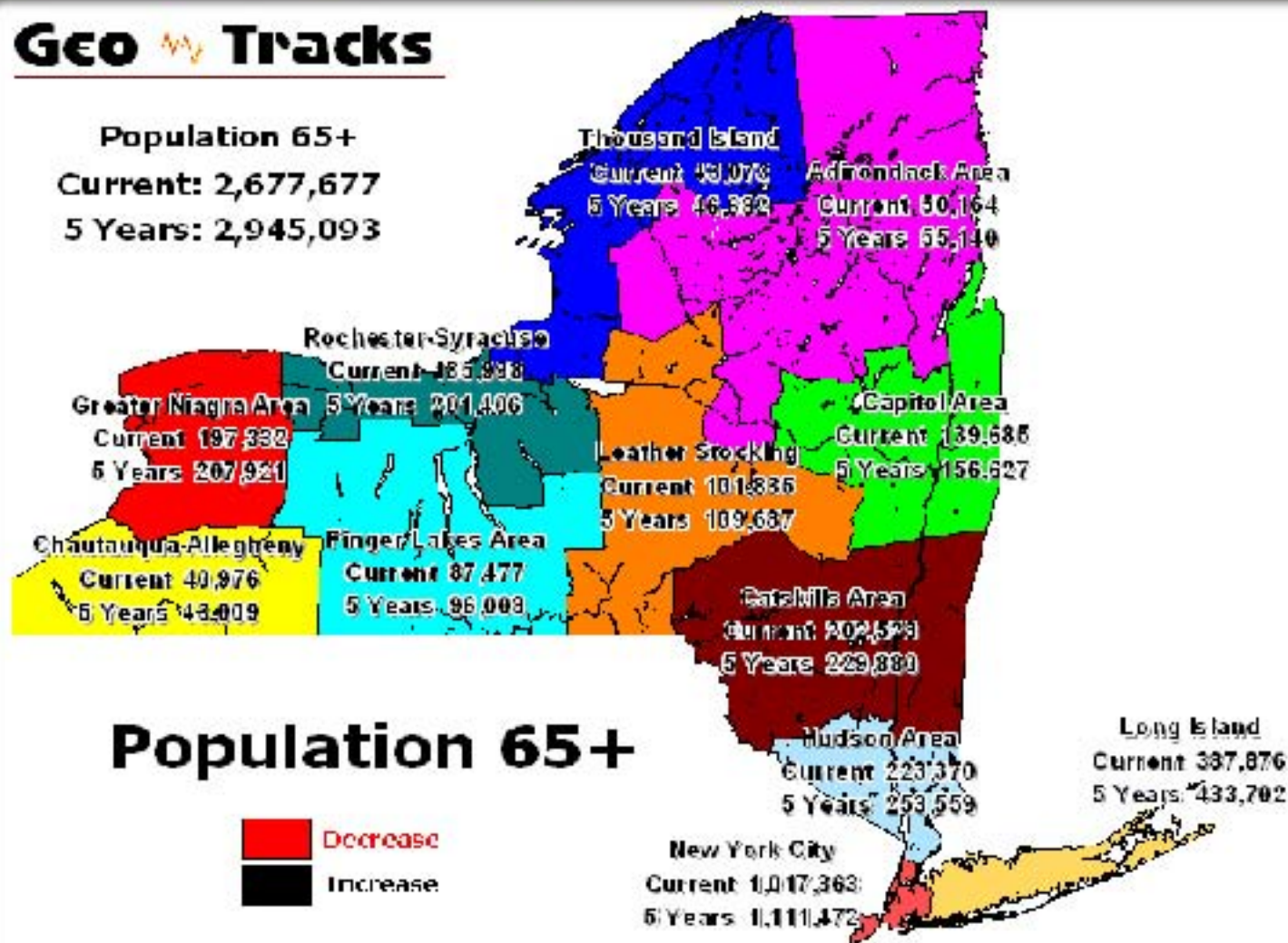


Geo Tracks

Population 65+

Current: 2,677,677

5 Years: 2,945,093



Population 65+

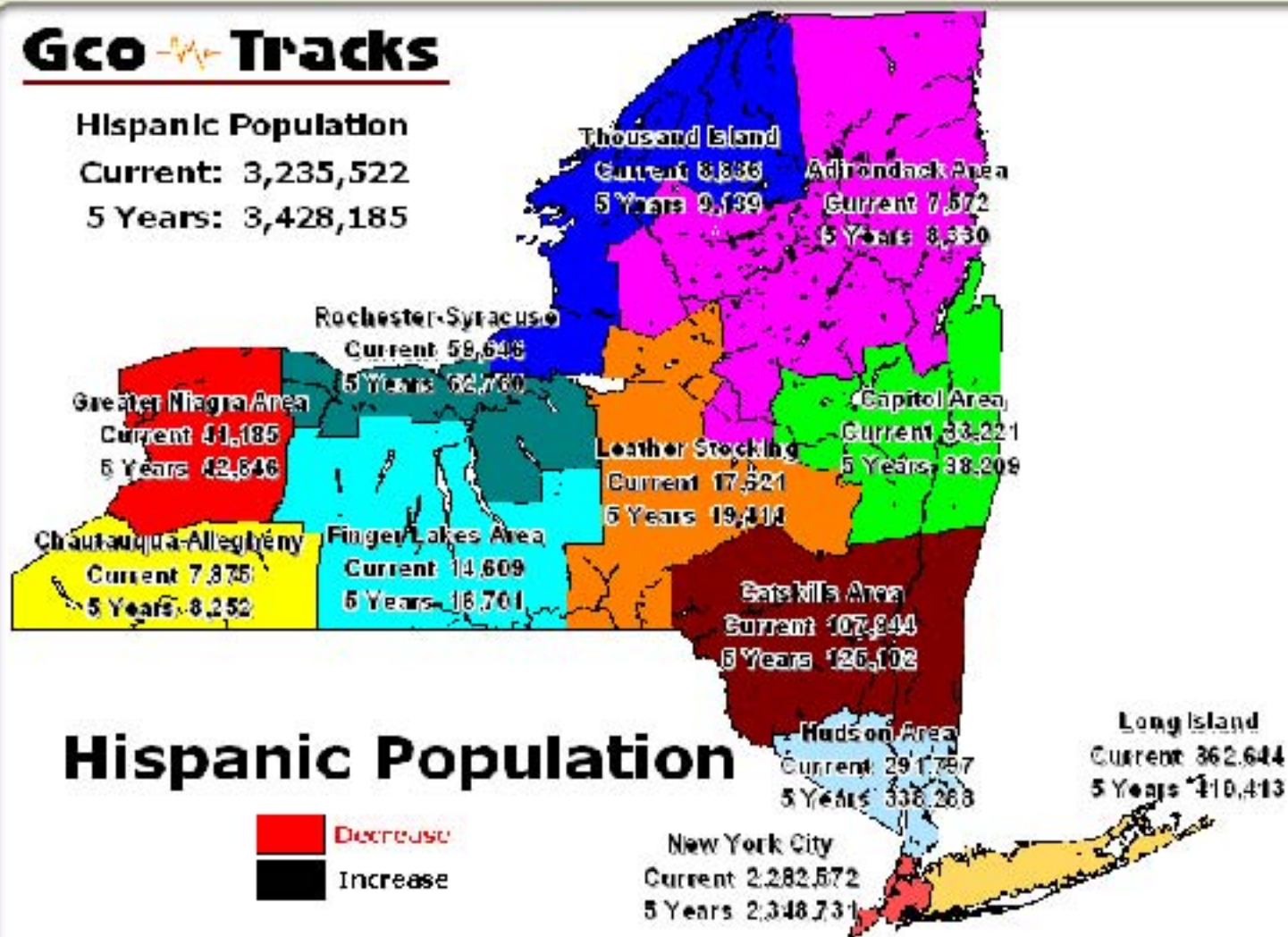


Geo-Tracks

Hispanic Population

Current: 3,235,522

5 Years: 3,428,185

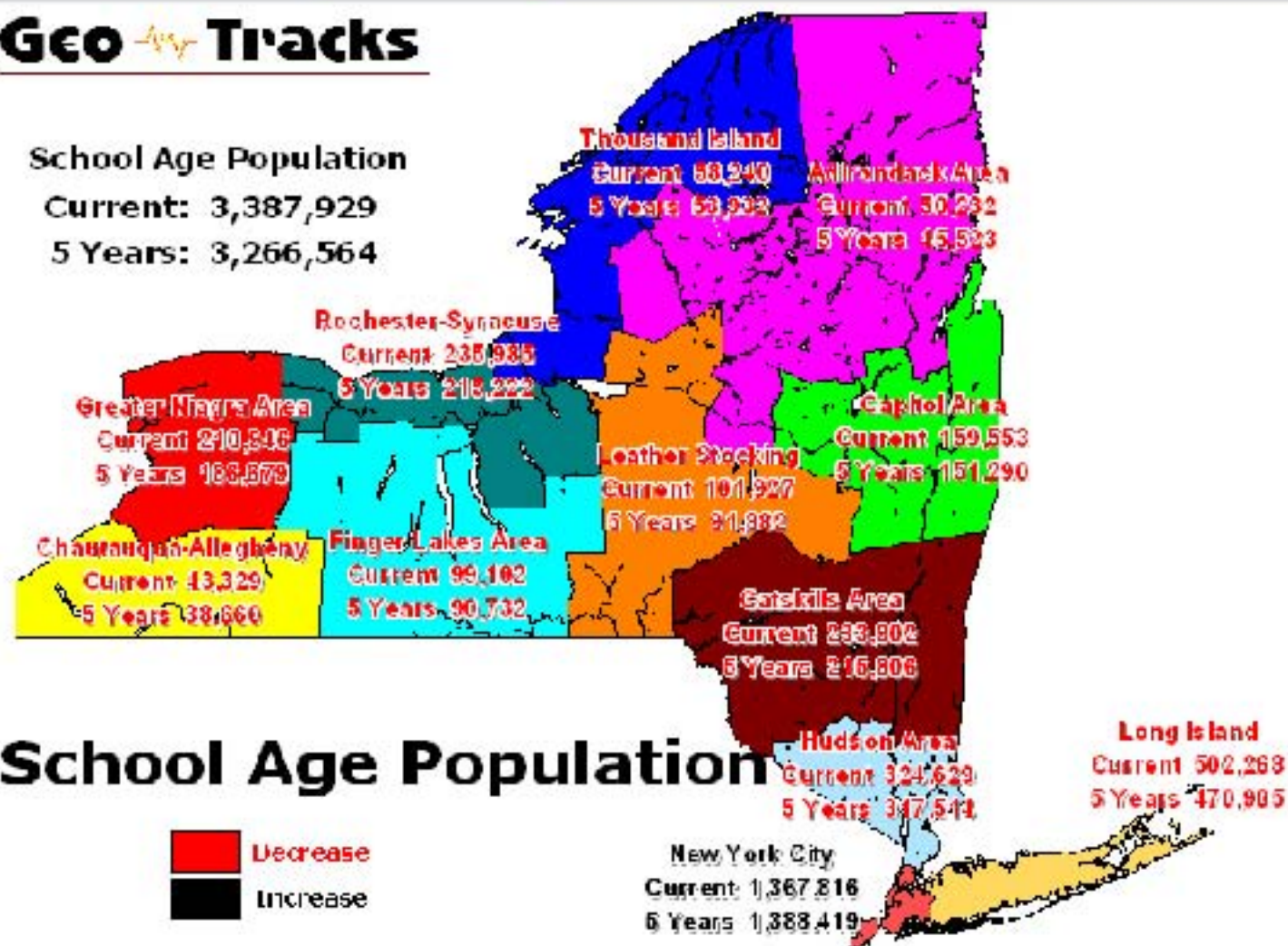


Geo *My* Tracks

School Age Population

Current: 3,387,929

5 Years: 3,266,564



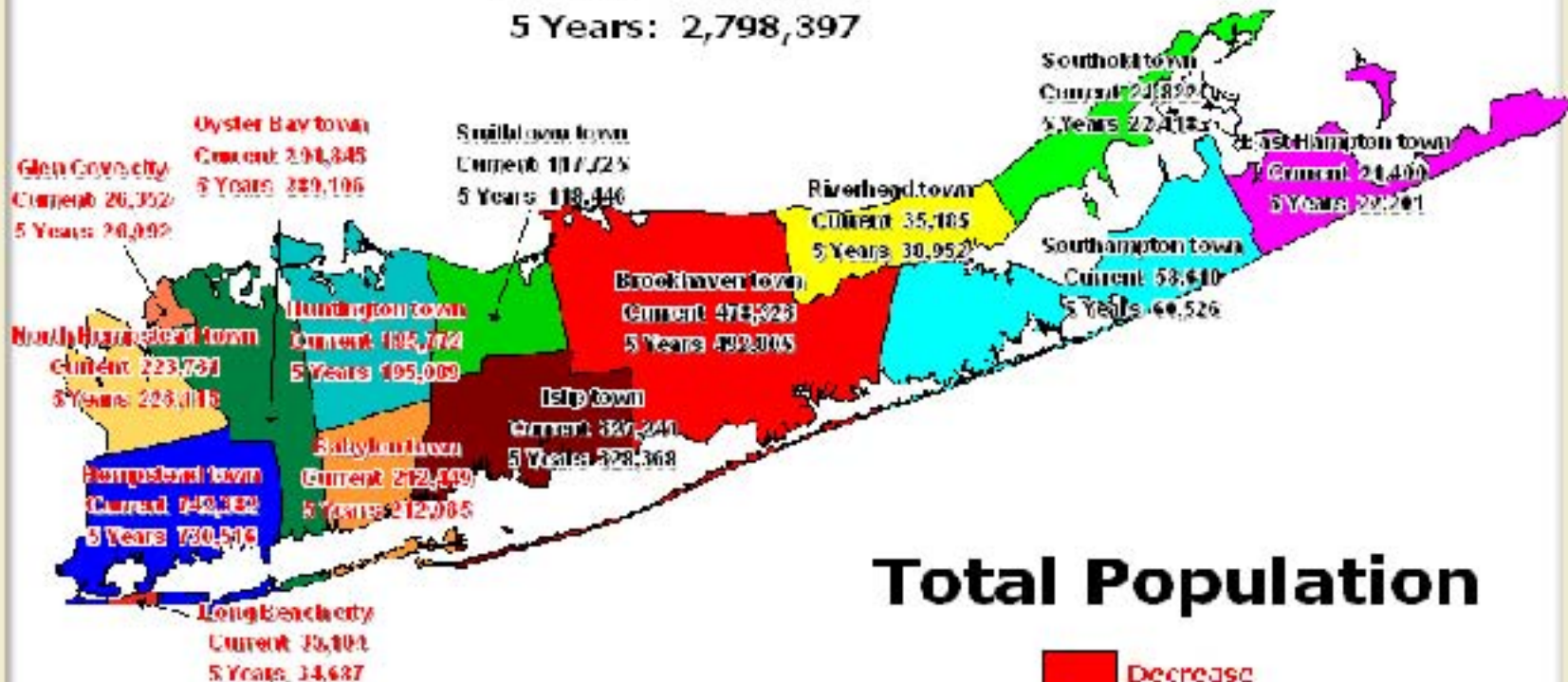
School Age Population

Geo Tracks

L.I. Population

Current: 2,791,591

5 Years: 2,798,397



Total Population

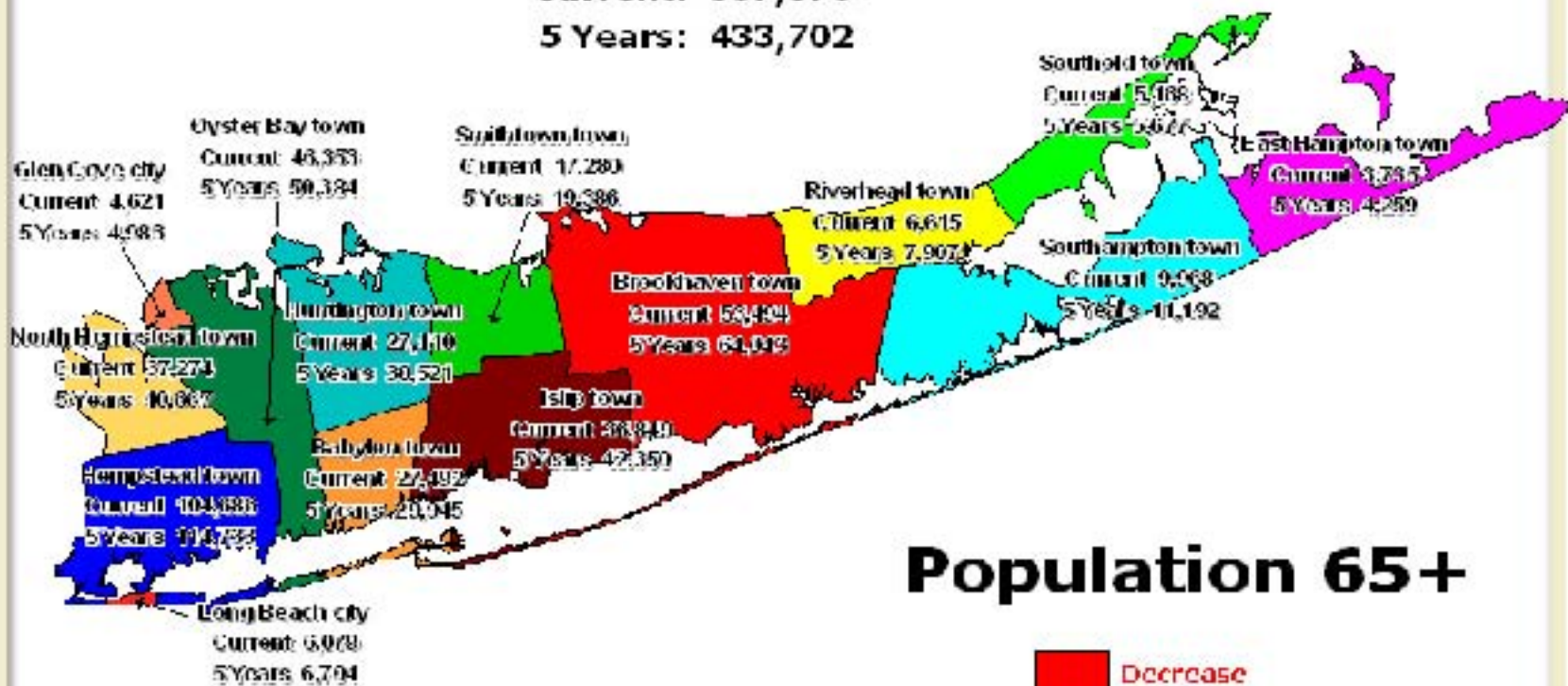


Geo-Tracks

Population 65+

Current: 387,876

5 Years: 433,702



Population 65+



Hispanic Population

Current: 362,644

5 Years: 410,413



School Age Population

Current: 502,268

5 Years: 470,905

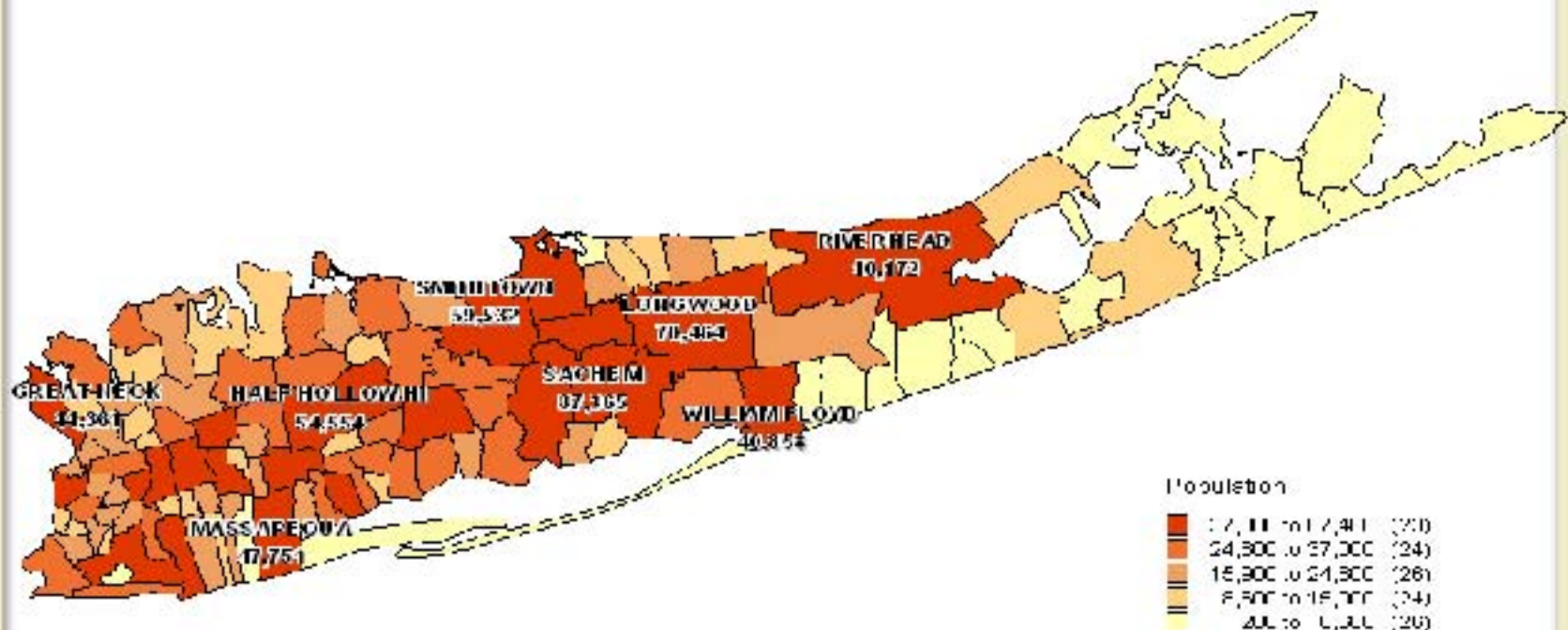


School Age Population



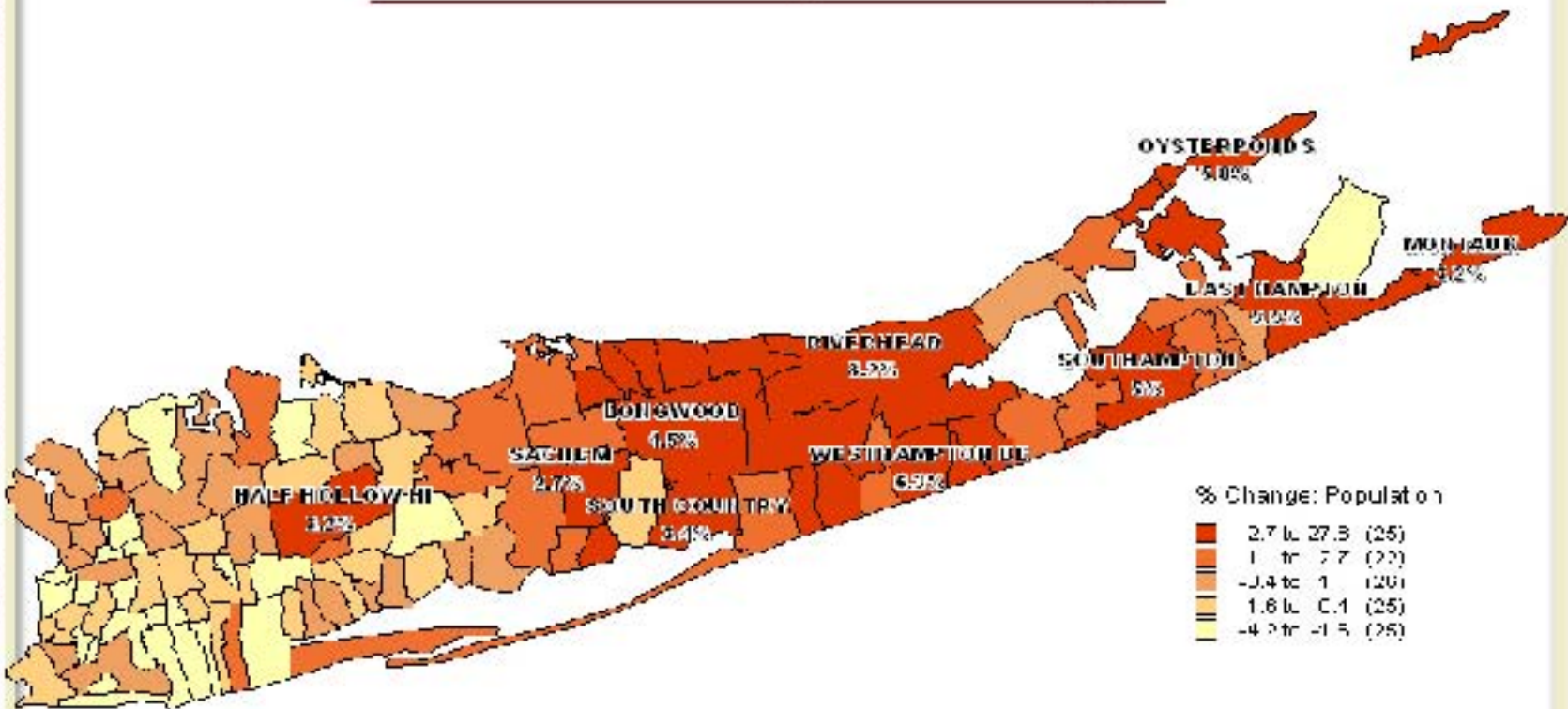


Community Population



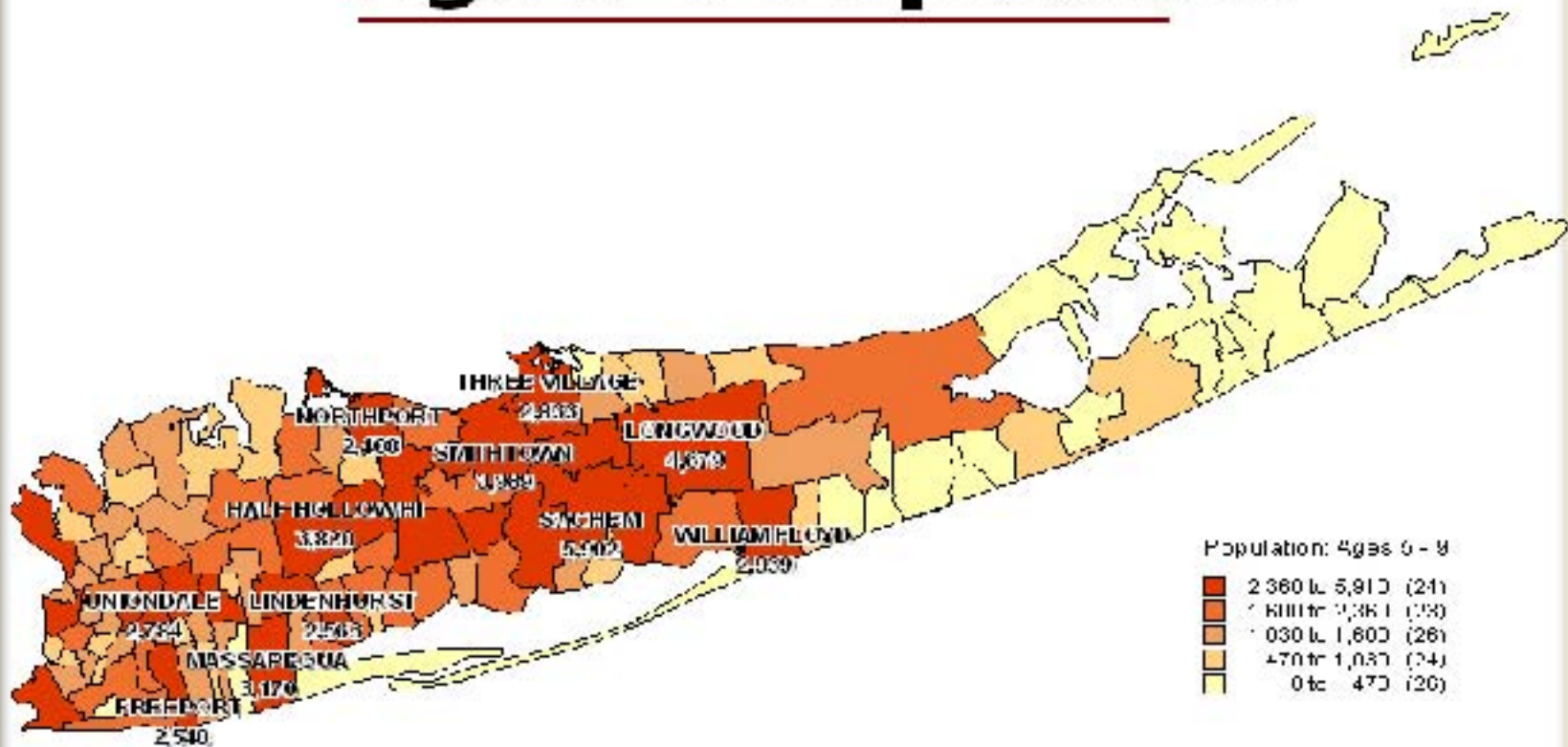


% 5 Yr. Change: Population



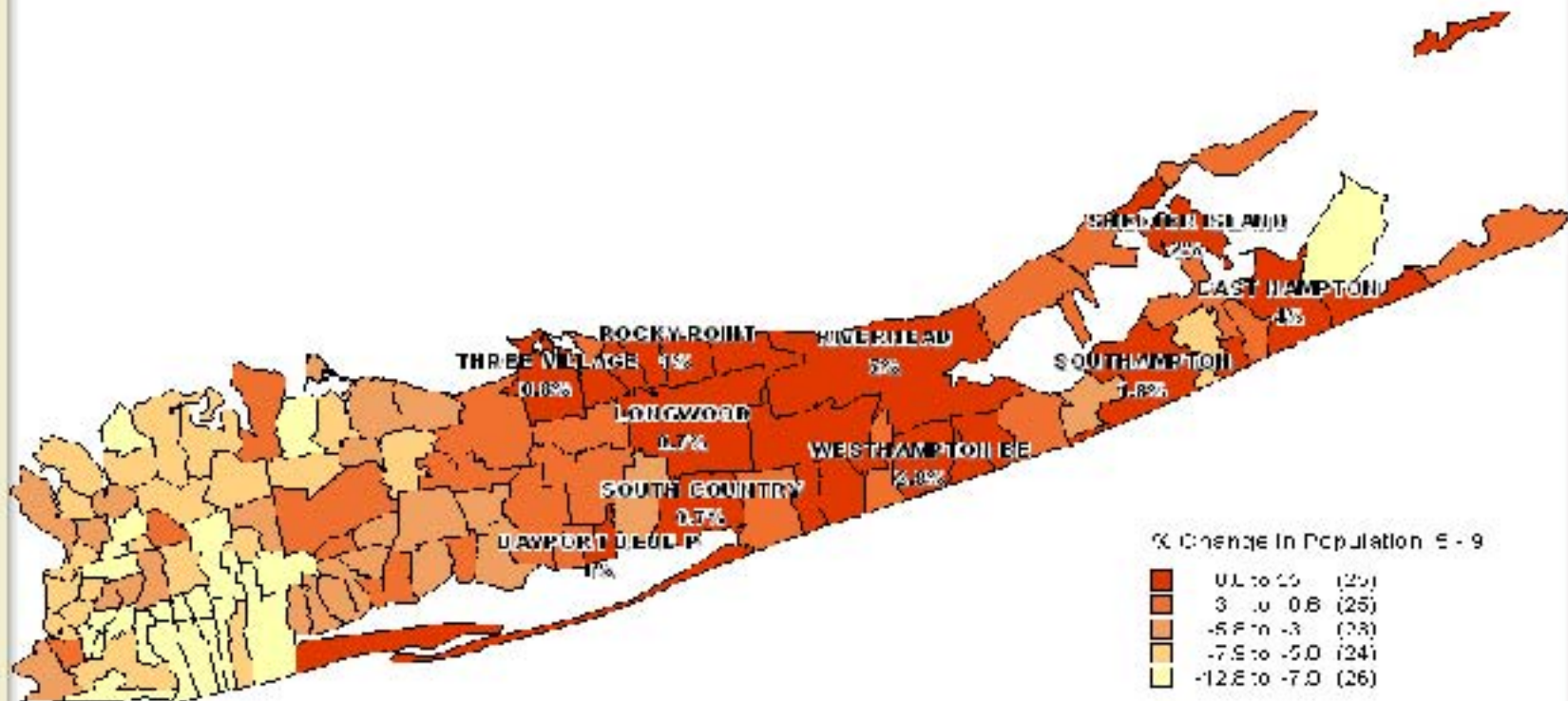


Age 5-9 Population





% Change: Age 5-9



Geo-Tracks

BABYLON

School District Boundary Census Data

Current Year

0-4	5-9	10-14	15-17
748	756	798	564

5 Years from Now

0-4	5-9	10-14	15-17
785	737	751	536



BABYLON Area

Current Year

School Age Groups

5 Years from Now

Age Groups	0-4	5-9	10-14	15-17
AMITYVILLE	1,347	1,388	1,547	994
BABYLON	748	756	798	564
COPIAGUE	1,863	1,891	2,032	1,217
DEER PARK	1,711	1,734	1,836	1,171
LINDENHURST	2,527	2,563	2,791	1,861
NORTH BABYLON	1,817	1,870	1,997	1,228
WEST BABYLON	1,931	1,977	2,101	1,311
WYANDANCH	760	760	818	481

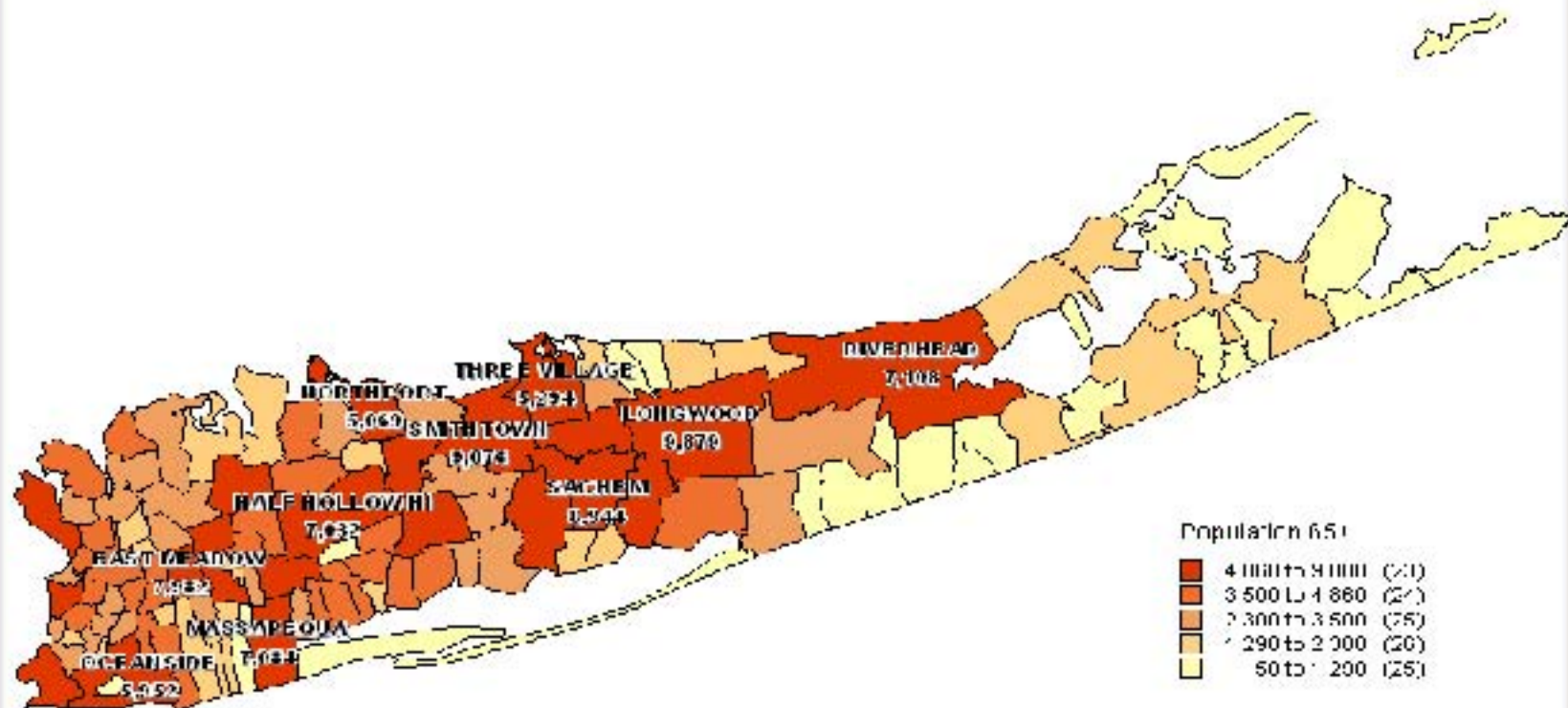
Age Groups	0-4	5-9	10-14	15-17
AMITYVILLE	1,391	1,316	1,327	981
BABYLON	785	737	751	536
COPIAGUE	1,800	1,827	1,874	1,170
DEER PARK	1,649	1,669	1,696	1,133
LINDENHURST	2,464	2,482	2,515	1,741
NORTH BABYLON	1,762	1,779	1,834	1,219
WEST BABYLON	1,871	1,876	1,932	1,280
WYANDANCH	768	754	765	456

Increase

Decrease

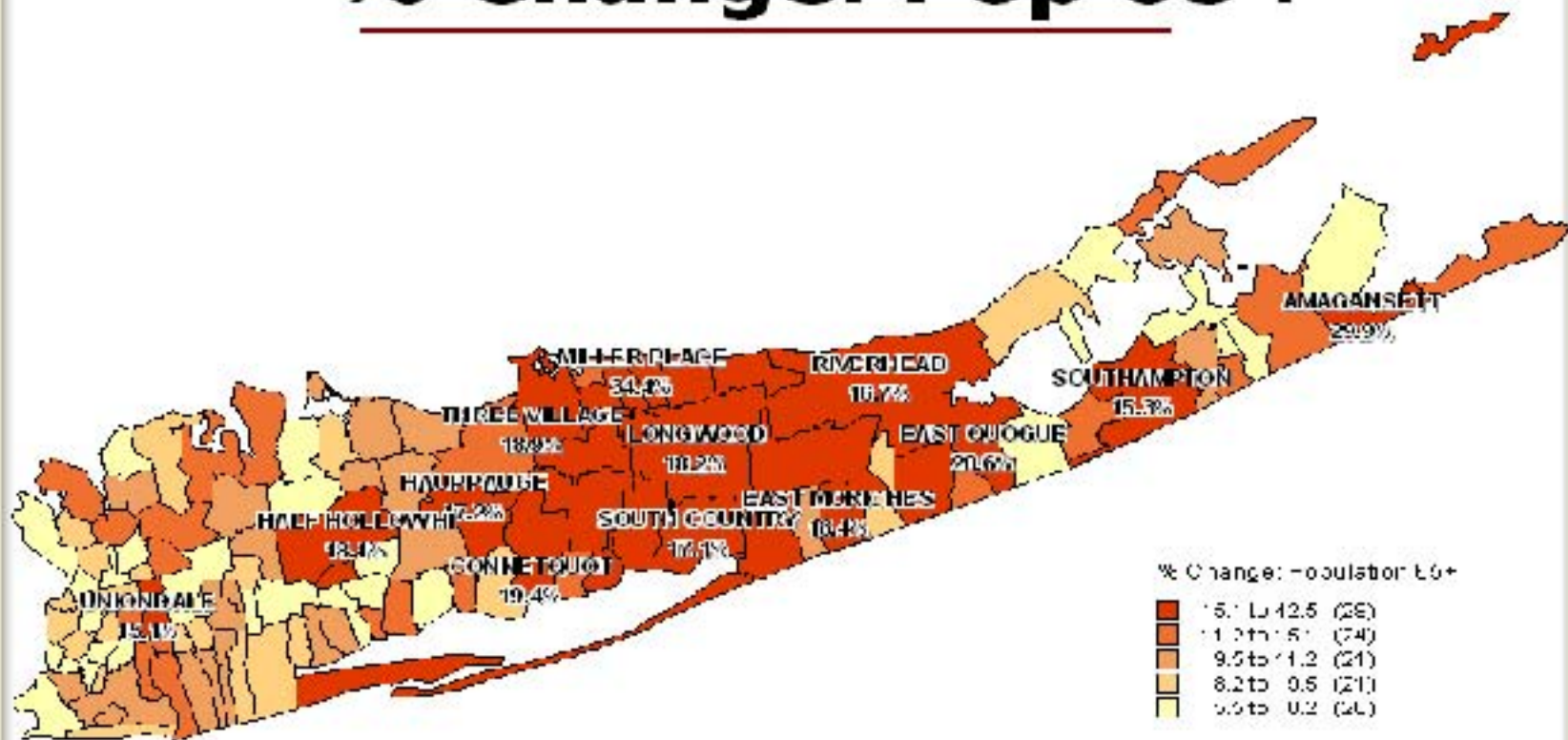


Population: Ages 65 +



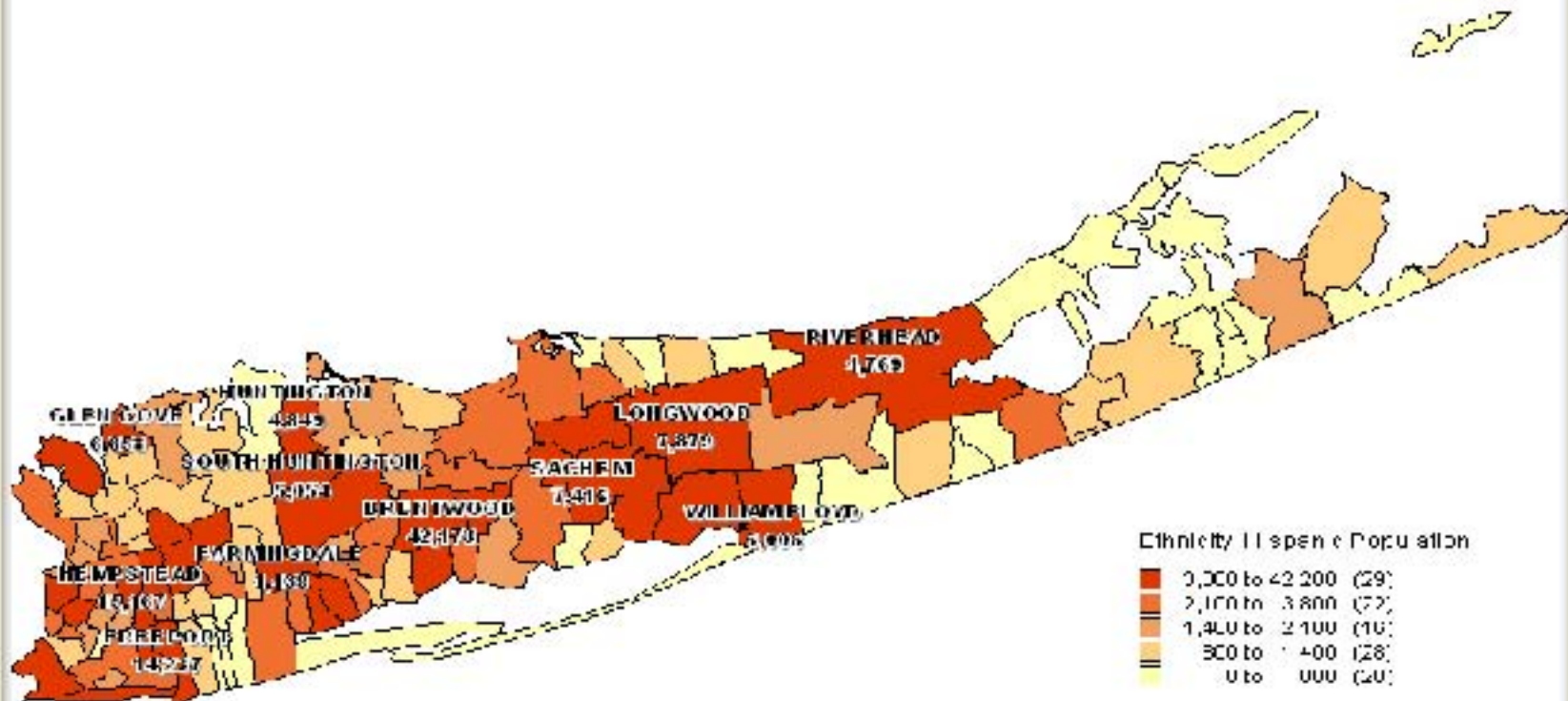


% Change: Pop 65+





Ethnicity: Hispanic Population



Gco Tracks

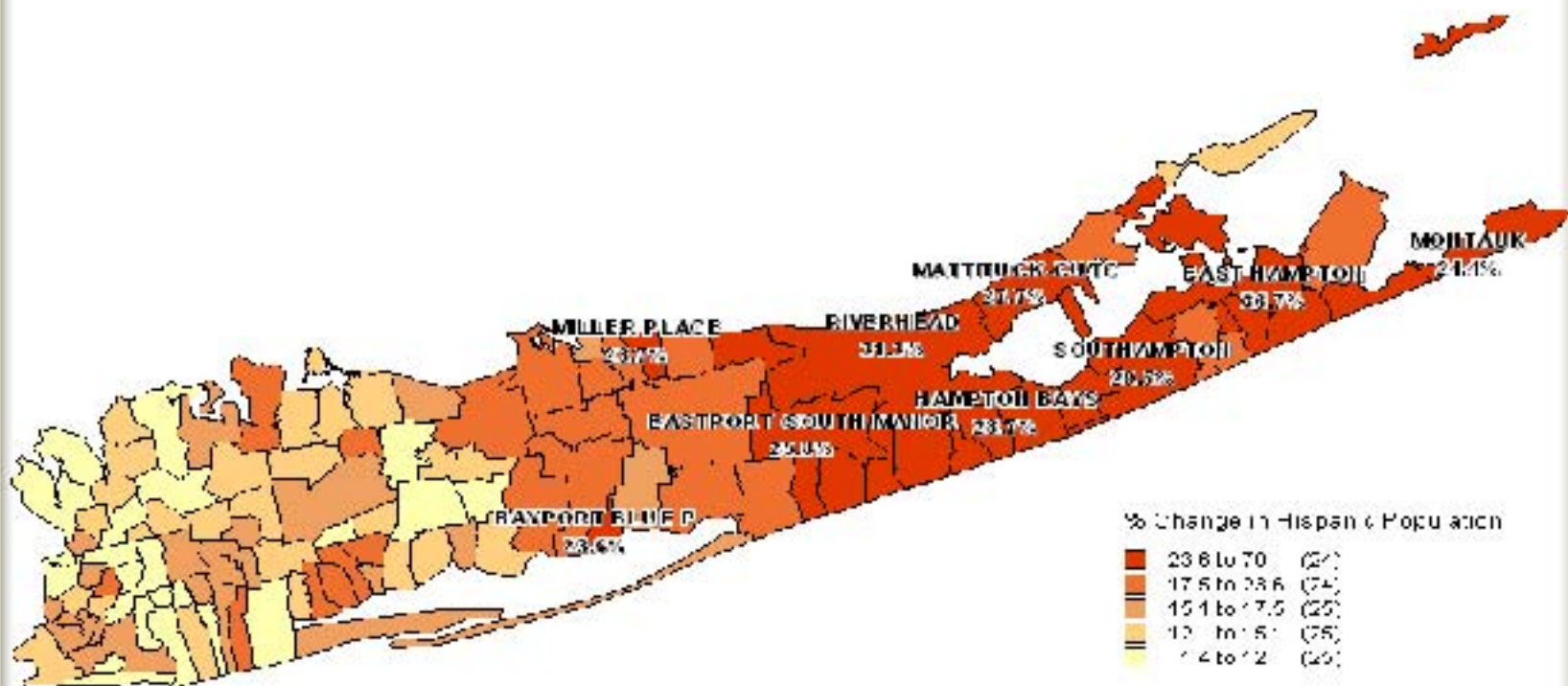
BABYLON



School District Boundary Census Data

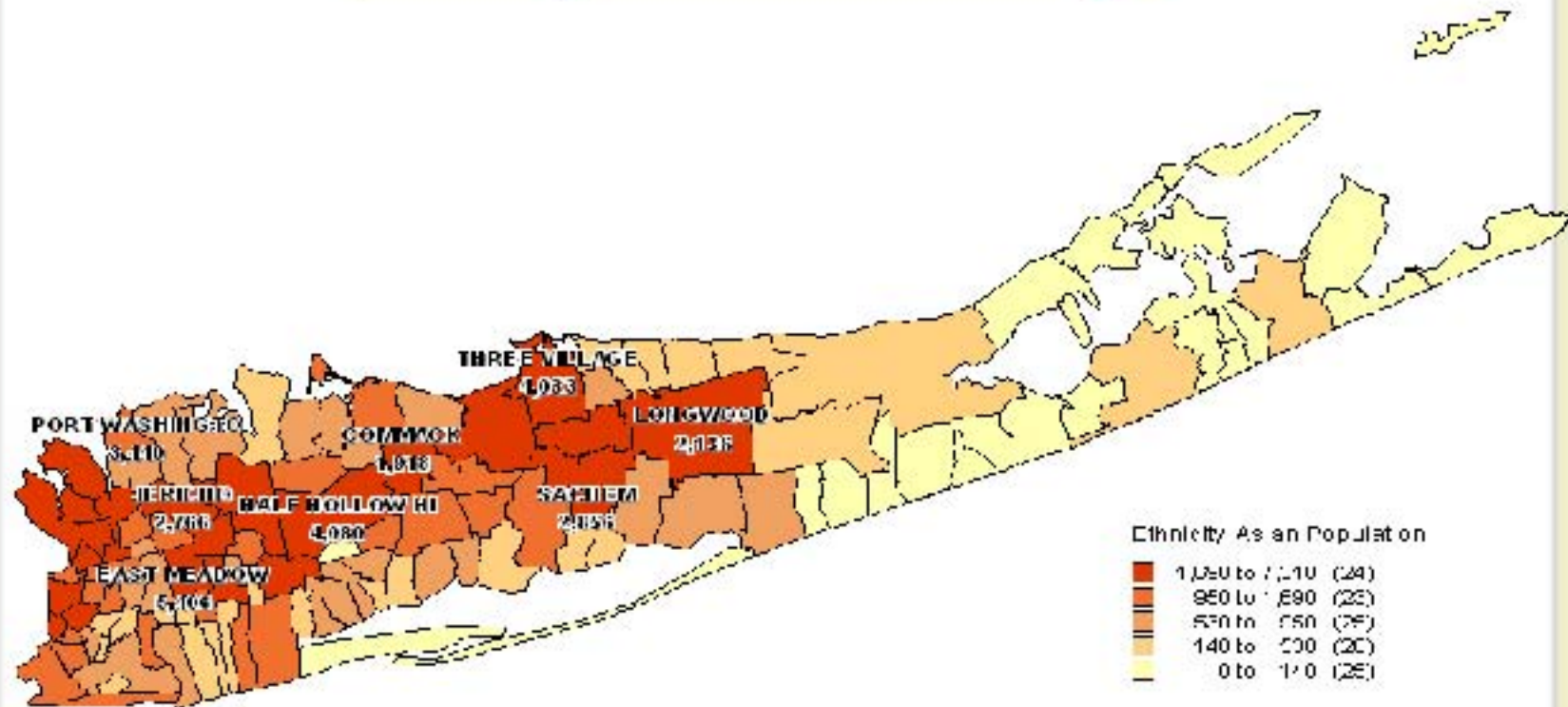
BABYLON Area

% Change: Hispanic Population





Ethnicity: Asian Population

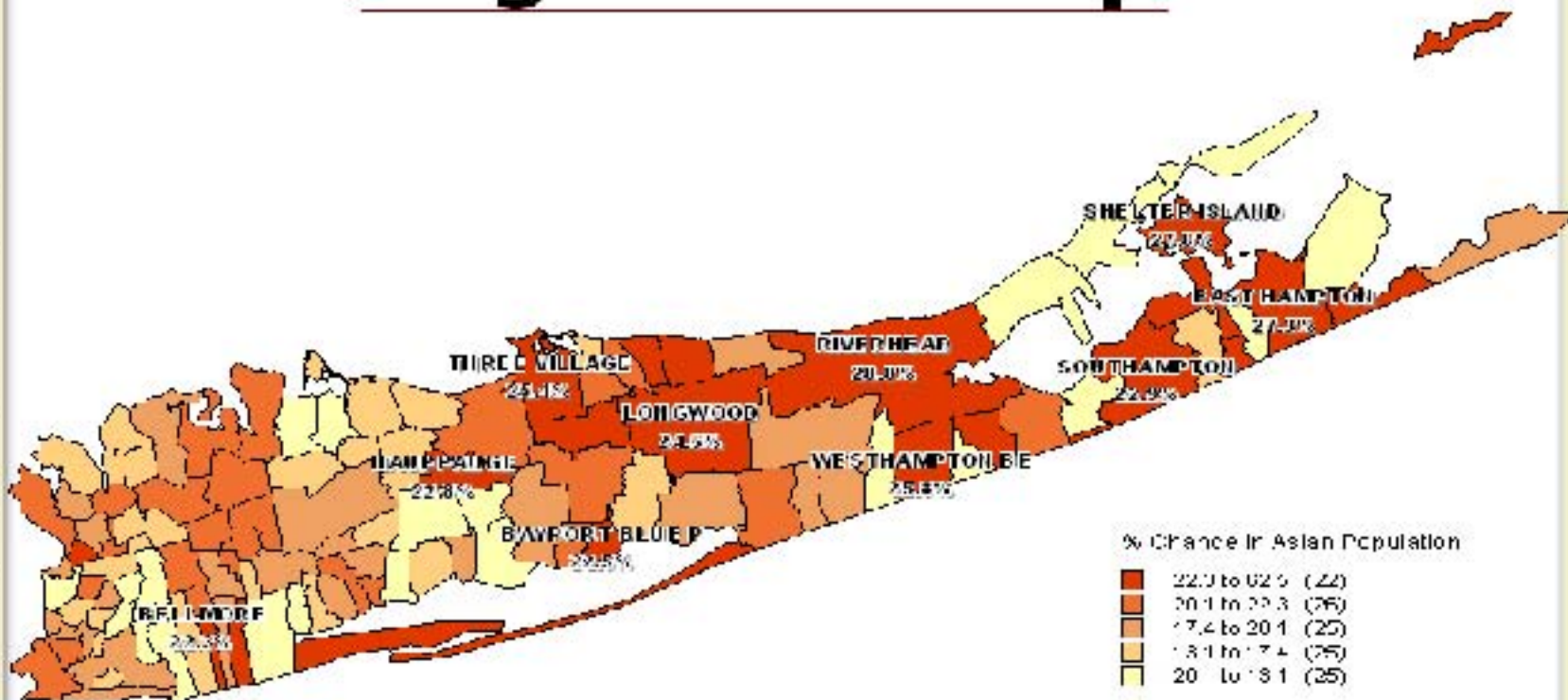


Ethnicity As a Population

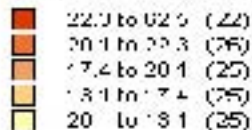
- 1,050 to 1,210 (24)
- 950 to 1,090 (22)
- 570 to 750 (25)
- 140 to 500 (20)
- 0 to 110 (25)



% Change: Asian Population



% Change in Asian Population





HOW DEMOGRAPHICS ARE CHANGING THE GLOBAL ECONOMY AND OUR WORLD

George Magnus

The AGE of AGING

Challenges...

- ✓ **Educational attainment** rates for some sectors of communities may not be able to sustain a region's competitive position.
- ✓ **Talent shortages** will be created by "boomers" giving way to "busters" early in the next decade.
- ✓ Immigration is replacing population losses, but not all **skill losses**.
- ✓ **Regional quality of life** may not be perceived as "young professional friendly".

The Coming Waves

As seen on PBS's *Now with Bill Moyers* and
CBS News Sunday Morning

One of *Parrot*'s 25 Best Books of 2004

A *Forbes.com* Top Ten Business Book for 2004

LAURENCE J. KOTLIKOFF AND SCOTT BURNS



THE COMING GENERATIONAL STORM

What You Need to
Know about America's
Economic Future

"Billions of insights on the recession versus the next generation.
Better still, smart advice on equally vexing questions like whether to
invest in a 401(k) or a second mortgage."

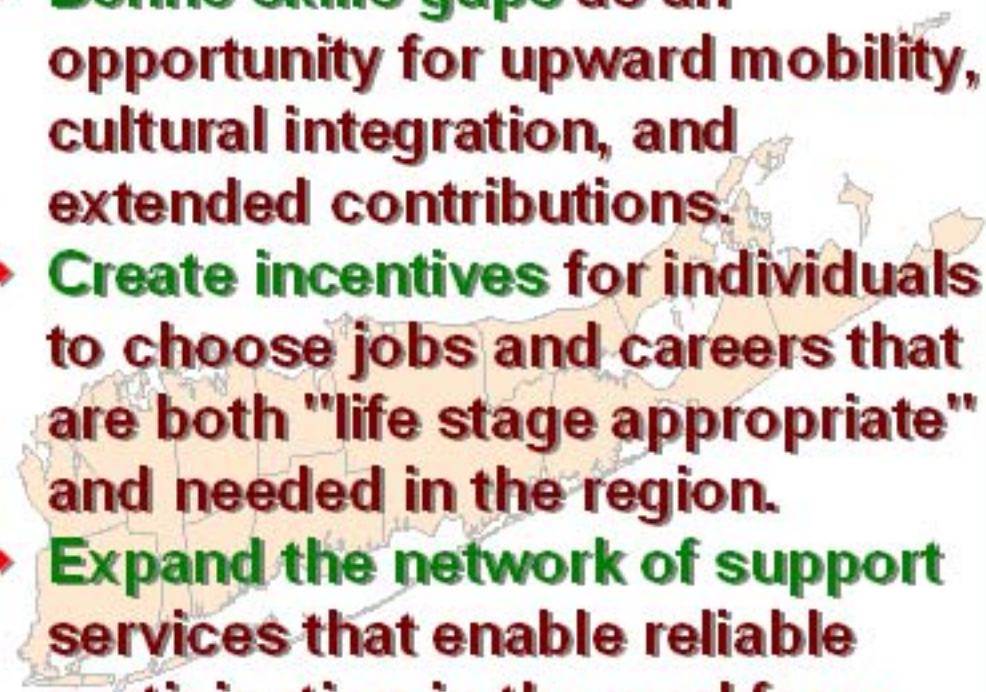
—*Nyles News*, author of *A Thoughtful Man*

THOROUGHLY REVISED AND UPDATED



Hughes, J. *The Coming Waves*, SCOPE Publications, Smithtown, NY, 2010

...and opportunities.

- **Define skills gaps as an opportunity for upward mobility, cultural integration, and extended contributions.**
 - **Create incentives for individuals to choose jobs and careers that are both "life stage appropriate" and needed in the region.**
 - **Expand the network of support services that enable reliable participation in the workforce. (ie. child care, transit, health care...)**
- 



**ST. JOHN'S
UNIVERSITY**

FOUNDED 1870

Thank you.

www.jonathanthughes.com

QUEENS STATEN ISLAND ROME
OAKDALE MANHATTAN