Demographics are Destiny: *How Demographic Trends are Reshaping Florida and the United States*

Dr. Tim Chapin (<u>tchapin@fsu.edu</u>)

Dean, College of Social Science and Public Policy Professor, Department of Urban & Regional Planning Florida State University



Florida Association of Counties Legislative Workshop November 20, 2019

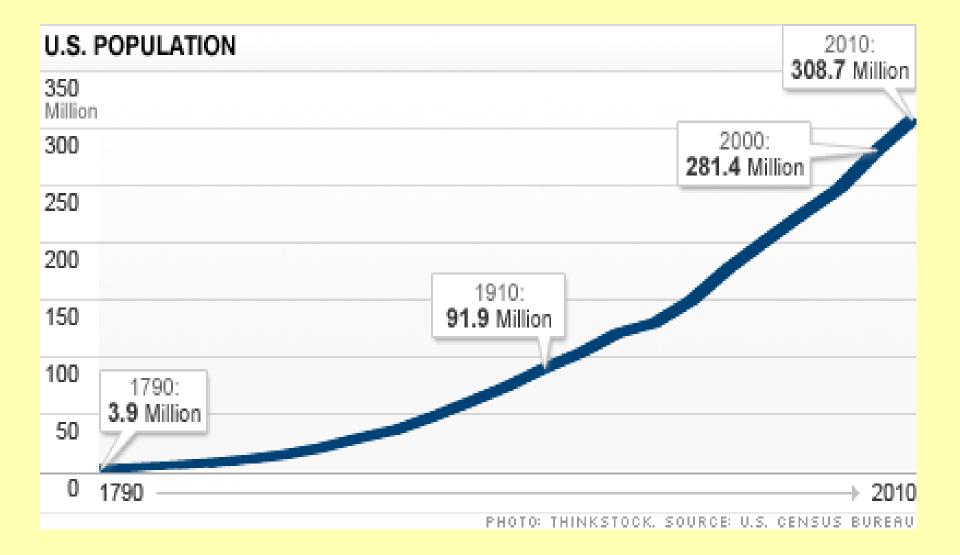
The Big Points for Today

- There are ongoing, massive demographic changes shaping the state of Florida and nation that require attention from elected officials, policymakers, and the planning community.
 - The US/Florida Growth Machine Keeps Going
 - The Silver Tsunami (aka "Grey Wave")
 - The Continued Browning of Florida
 - Household Size/Mix Changes
- **Demographics are Destiny!** For the most part, there is no way to legislate or otherwise short circuit these changes through state and local public policy.

Population Growth in the USA and Florida



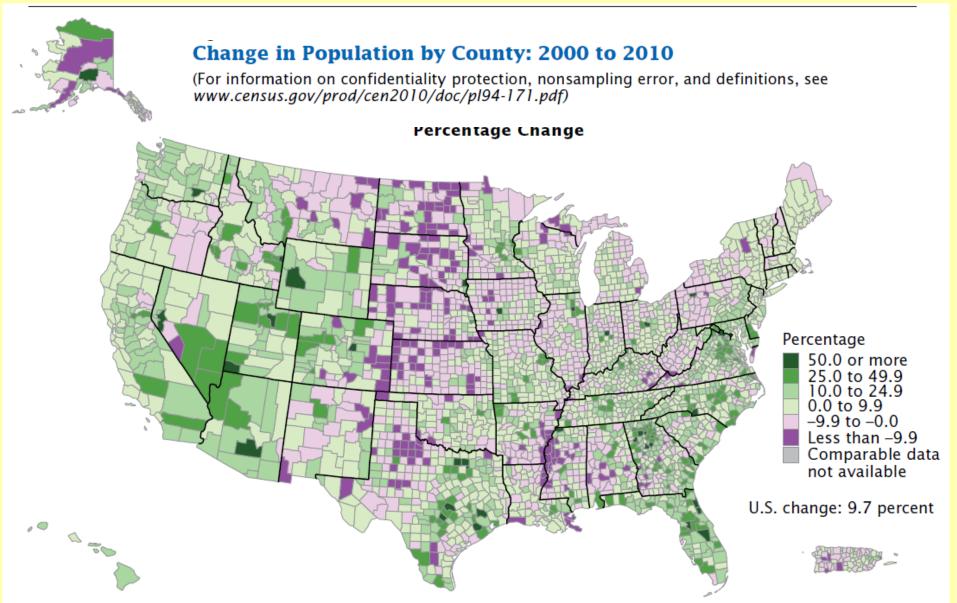
Historic US Population Growth



US and Global Population Growth

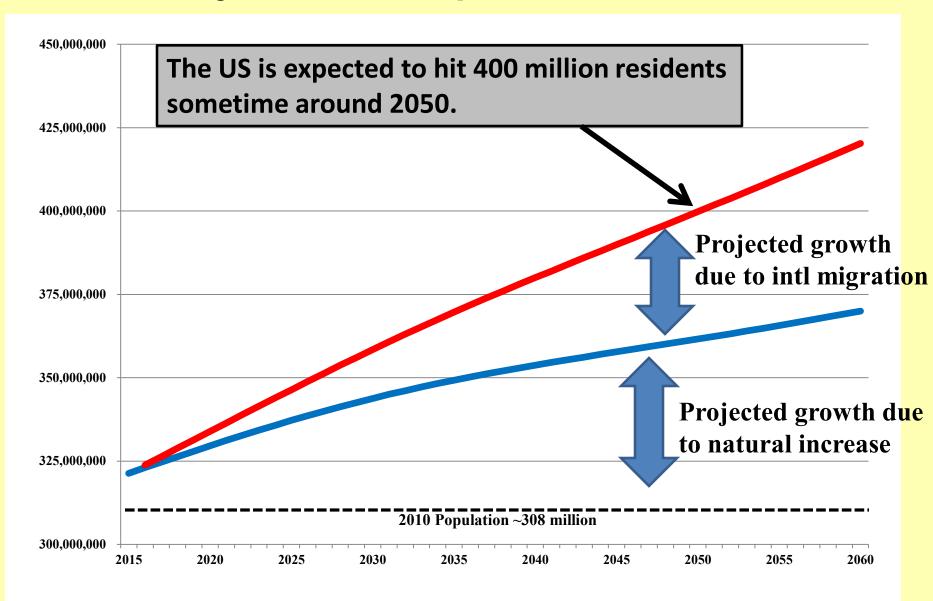
U.S. and World Population Clock S





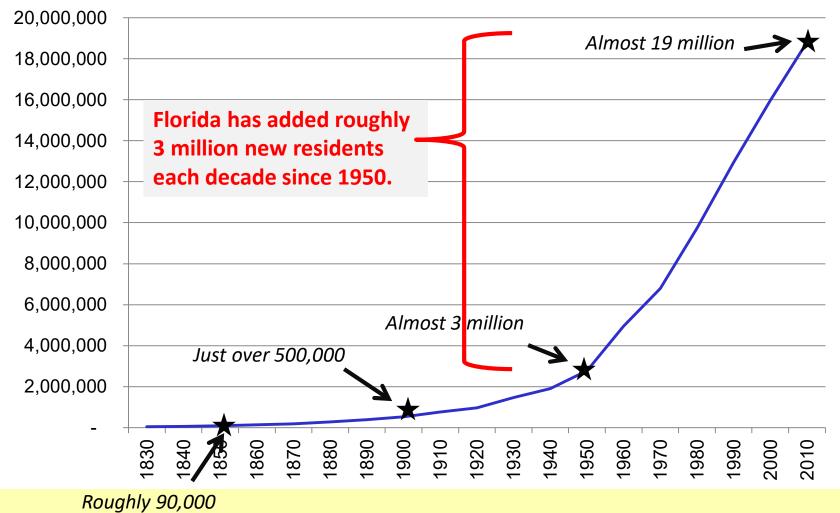
Source: U.S. Census Bureau, 2010 Census and Census 2000.

Projected US Population Growth

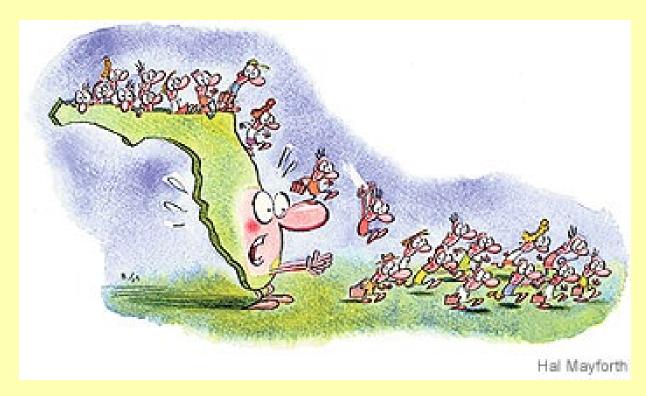


Florida's Growth Trajectory

Florida's Historic Population, 1830-2010



But Wait, Isn't Florida "Over"?



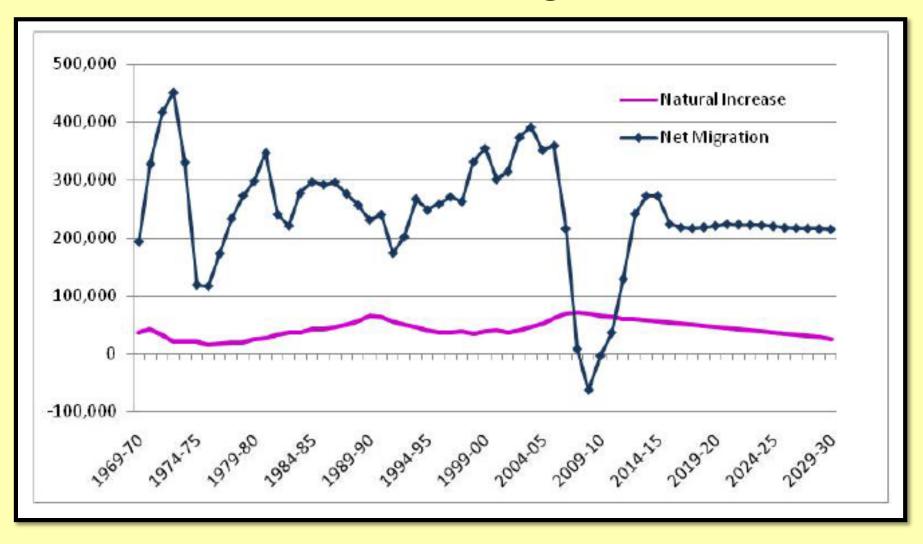


http://www.time.com/time/magazine/article/0,9171,1821648,00

.html

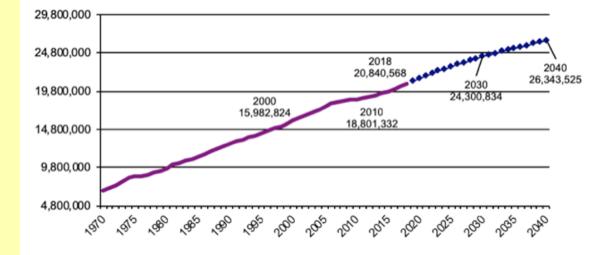
http://online.wsj.com/public/article/SB119100802312142956.html

Natural Increase vs. Migration in FL



Source: Florida Legislature Office of Economic and Demographic Research

The Florida Growth Machine Has Started Up Again



Florida's population growth of 356,426 between April 1, 2017 and April 1, 2018 was the strongest annual increase since 2006, immediately prior to the collapse of the housing boom and the beginning of the Great Recession.

Population:

- Average annual increase between 2000 and 2006 was: 361,942
- Average annual increase between 2006 and 2014 was: 169,112
- Average annual increase between 2014 and 2018 was: 333,300

Population is forecast to increase on average annually by:

- 327,921 between 2018 and 2020
- 305,050 between 2020 and 2025
- 255,835 between 2025 and 2030

2018 PopulationOrlando285,099St. Petersburg266,076

http://edr.state.fl.us/content/presentations/economic/FIEconomicOverview 12-26-18.pdf

The Greying of America and Florida



Florida Population Composition Pop Quiz Part I

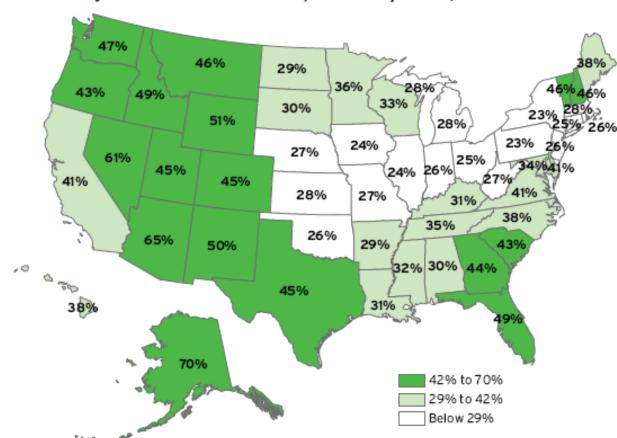
- 1) How big is Florida's <u>elderly</u> population (aged 65+)?
- 2) What percentage of Florida's residents are aged 65+?

Florida Population Composition Pop Quiz Part I

- How big is Florida's elderly population?
 4.36 million
- 2) What percentage of Florida's residents are aged 65+?
 20.5% (for the US it is 16.0%)

The Silver Tsunami is Expansive

Map 5-1. Fastest Senior Growth Will Occur in the Intermountain West, Southeast, and Texas



Projected Growth in 65+ Population by State, 2010-2020

Source: Brookings Analysis of Census Bureau Population Projections

Percent Aged 65+ by County, 2010

Percent of Population Aged 65 and Older

BEBR Population Data

% Aged 65 & Older (2010) % Aged 65 & Older (2017) % Aged 65 & Older (2020) % Aged 65 & Older (2030) % Aged 65 & Older (2040) These maps depict the percent of + HOLMES ESCAMBIA OKALO OSA population aged 65 and older SANTAROSA NASSAU GADSDEN. សៅ WASHINGTON EFFERSON HAMILTON WALTON for Florida counties in 2010, 2017, LEON MADISON CALHOUN DUVAL BAKER BAY UNVANNET 2020, 2030 and 2040. LIBERTY WAKULLA COLUMBIA TAYLOR CLAY UNION GULF FRANKLIN LAFAYETTE ST. JOHNS BRADFORD Source: "Population Projections by GILCHRIST ALACHUA PUTNAM DIXIE Age, Sex, Race, and Hispanic Origin FLAGLER for Florida and Its Counties, 2020 LEVY MARION -2045, With Estimates for 2017." VOLUSIA Florida Population Studies, Bulletin LAKE GTRUS SEMINOLE SUMTER 181. Bureau of Economic and HERNANDO ORANGE BREVARD Business Research, University of PASCO OSCEOLA Florida, June 2018. HILLSBOROUGH POLK PINELLAS INDIAN RIVER FPS Bulletin 181 HARDEE MANATEE OKEECHOBEE ST. LUCIE HIGHLANDS SARASOTA DESOTO % Aged 65 and Older MARTIN GLADES CHARLOTTE Census 2010 PALM BEACH HENDRY 28.0% and over LEE 22.0% to 27.9% BROWARD 16.0% to 21.9% COLLIER Less than 16.0% MIAMI-DADE MONROE POWERED BY esri

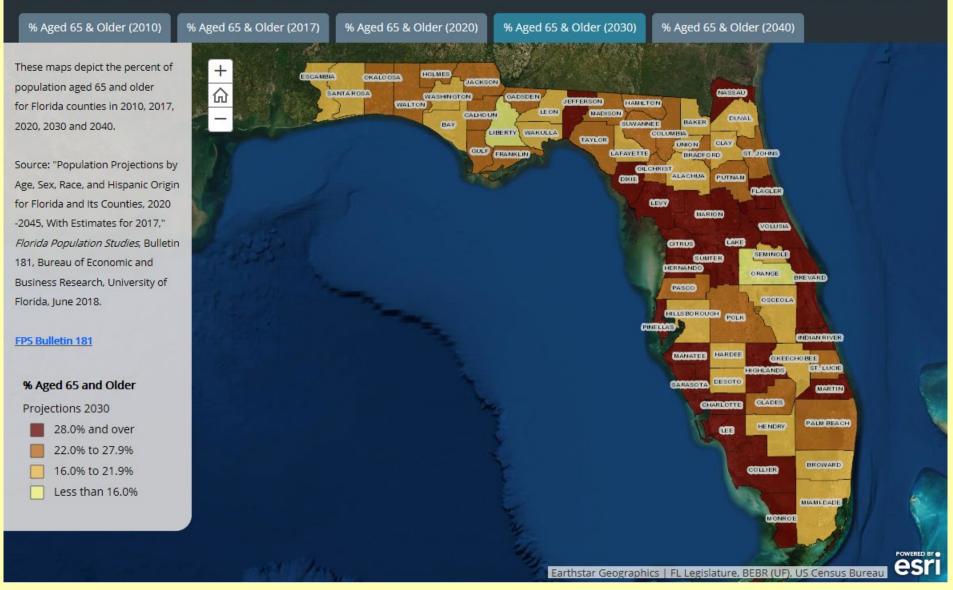
https://www.bebr.ufl.edu/population/maps

Earthstar Geographics | FL Legislature, BEBR (UF), US Census Bureau

Percent Aged 65+ by County, 2030

Percent of Population Aged 65 and Older

BEBR Population Data



https://www.bebr.ufl.edu/population/maps

Is the Silver Tsunami Inverting the Population Pyramid?



Population Pyramids

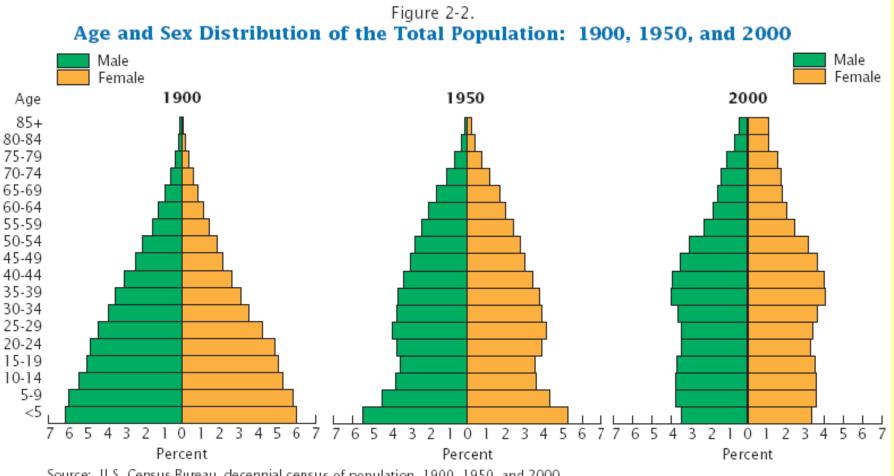


- One way of looking at the composition of a population is through *Population Pyramids*.
- Population pyramids show the composition of a population by age and sex, represented by the percent of the total population in each age-sex cohort).
- These pyramids typically show the following:
 - --Males on left side : Females on the right side

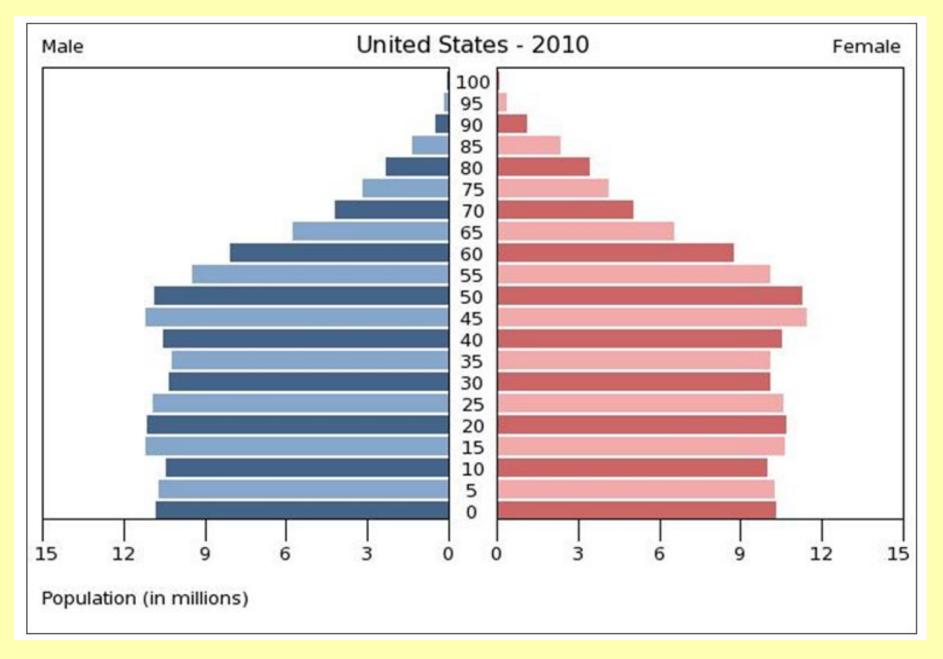
--Age groups as individual cohorts going from youngest on the bottom to oldest on the top

Visualizing Population Changes U.S. Population Pyramids 1900, 1950, 2000

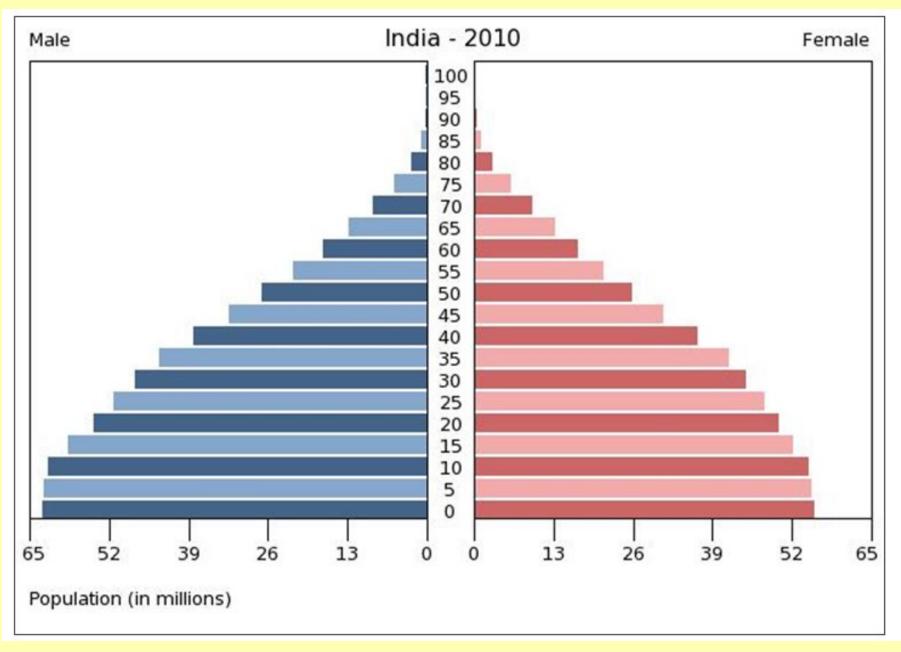




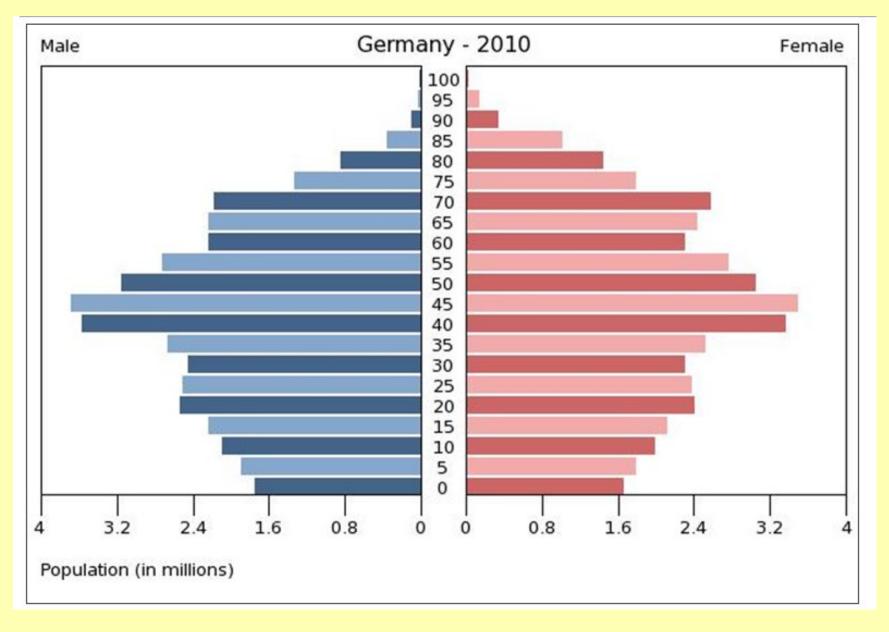
Source: U.S. Census Bureau, decennial census of population, 1900, 1950, and 2000.



Source: US Census International Database

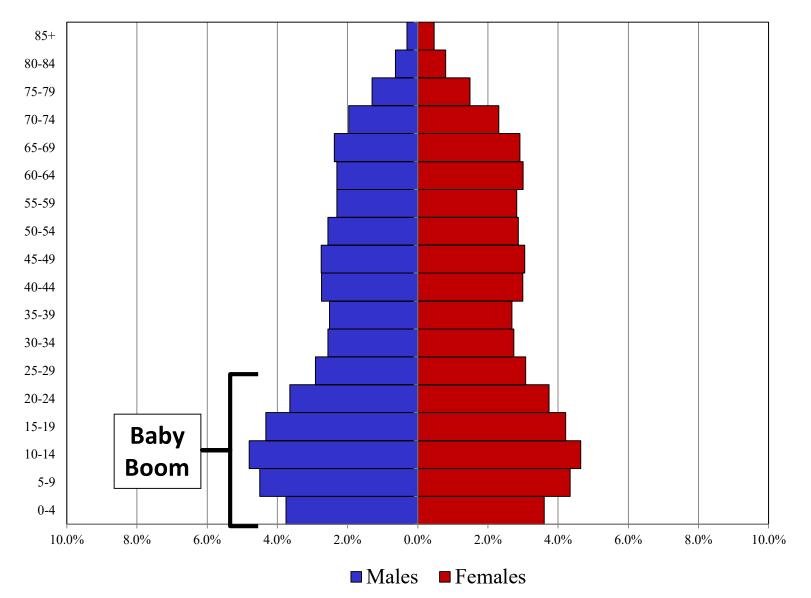


Source: US Census International Database

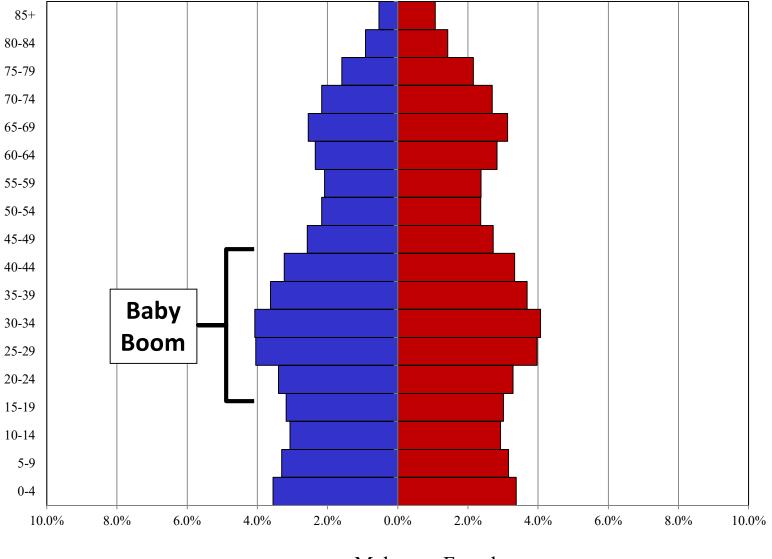


Source: US Census International Database

Florida Population Pyramid, 1970

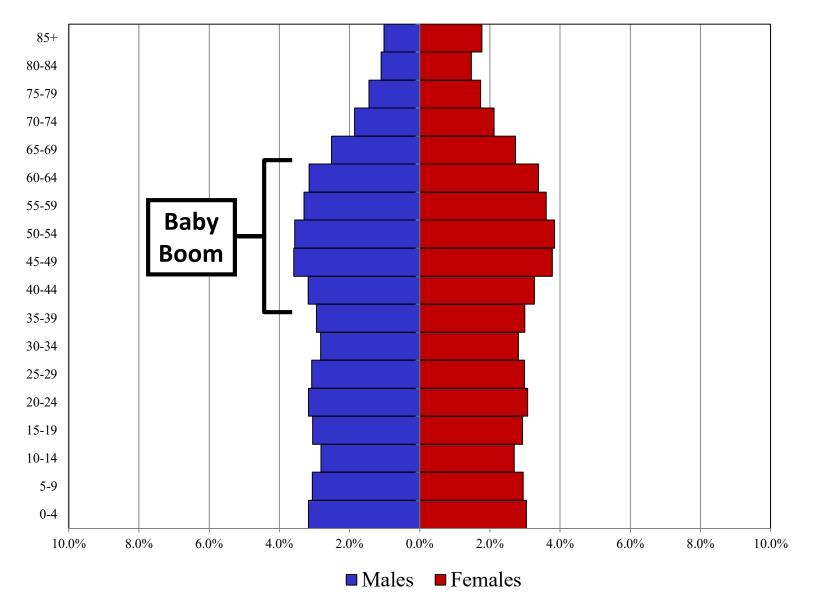


Florida Population Pyramid, 1990



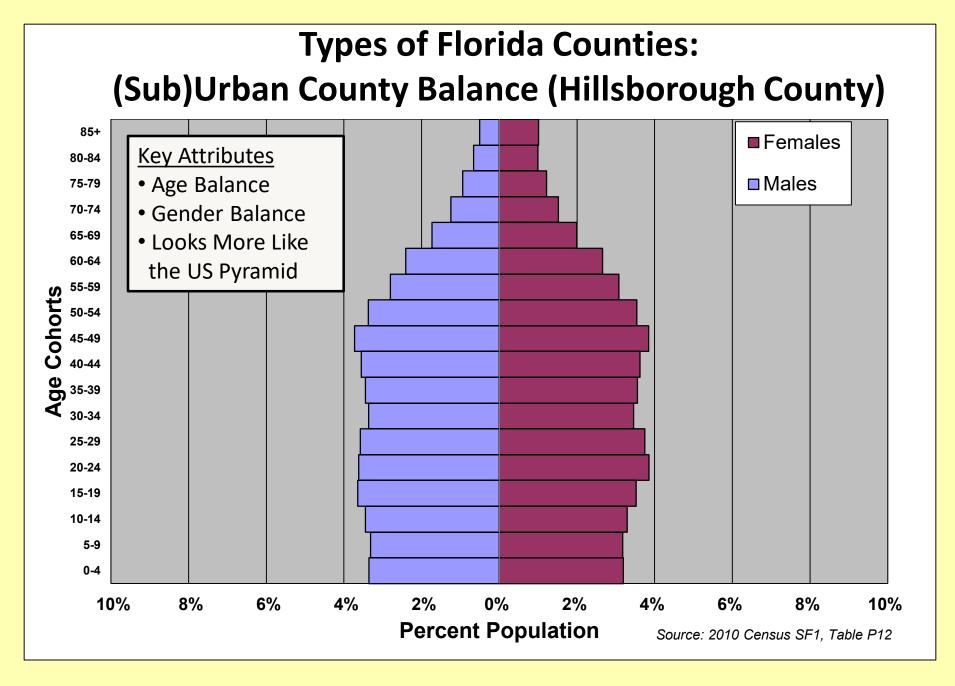
■ Males ■ Females

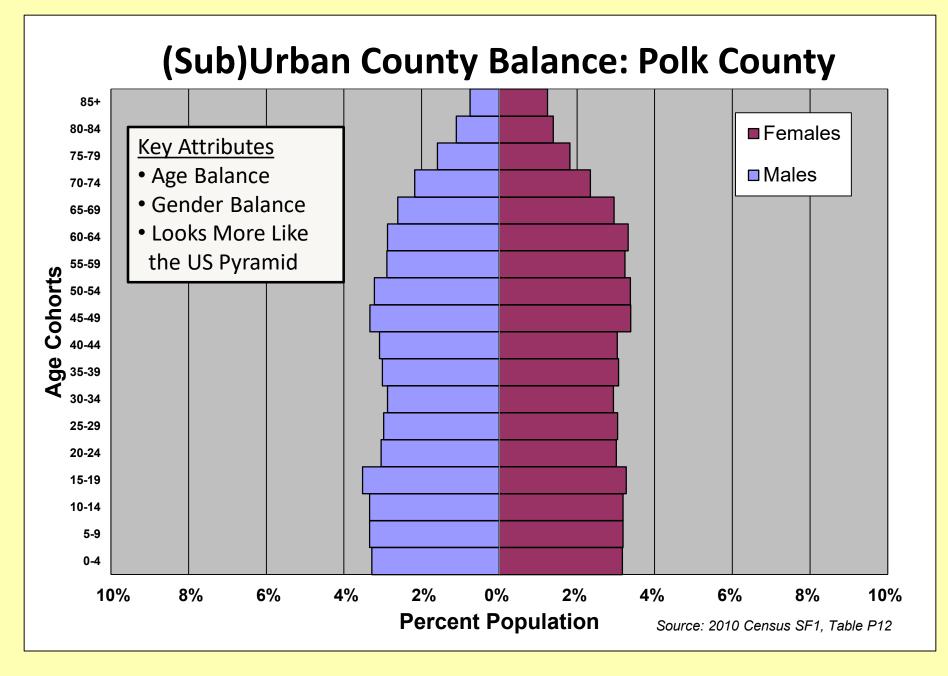
Florida Population Pyramid, 2010



Name that County!

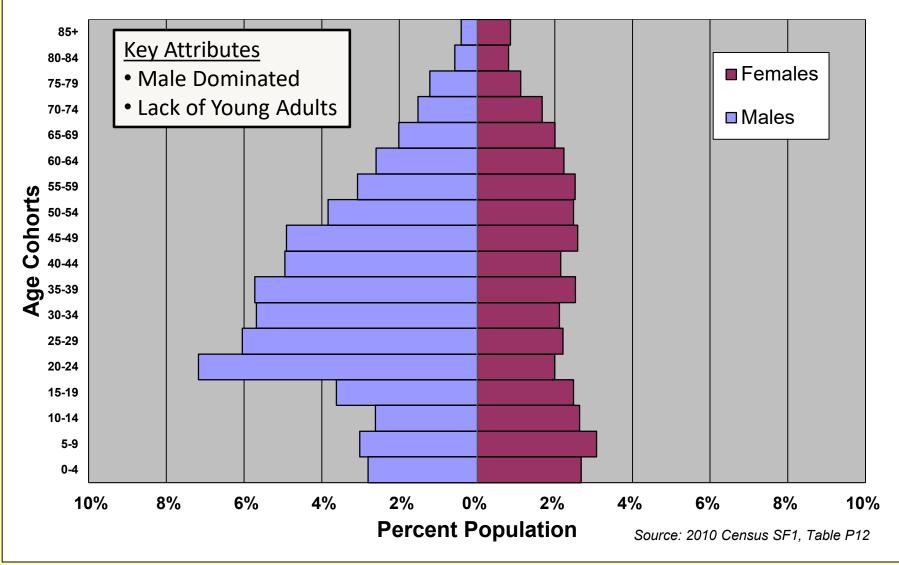
Some of Florida's More Interesting County Population Pyramids

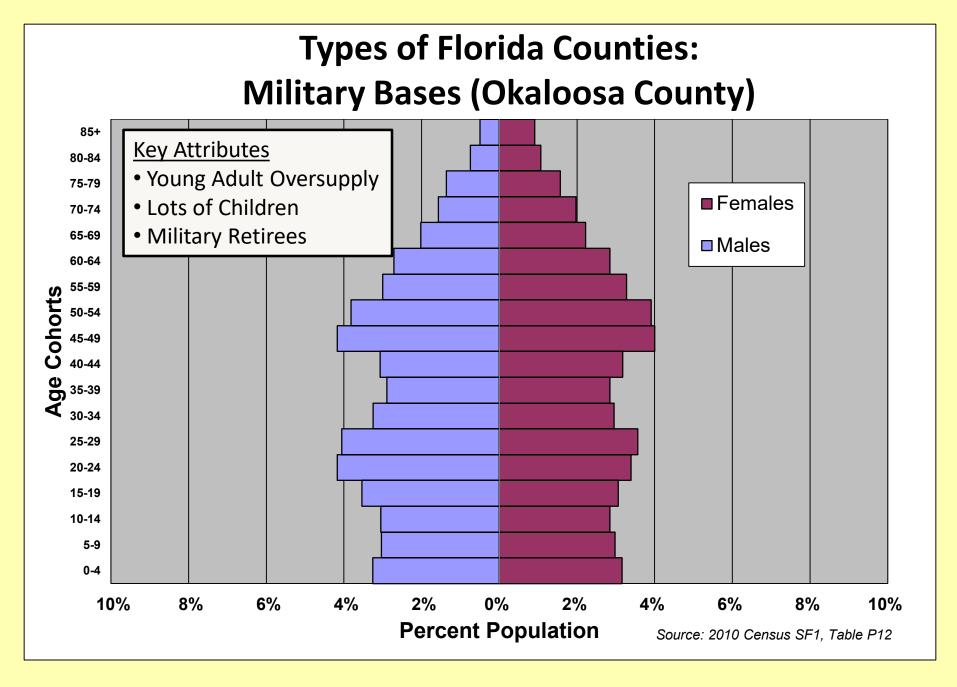


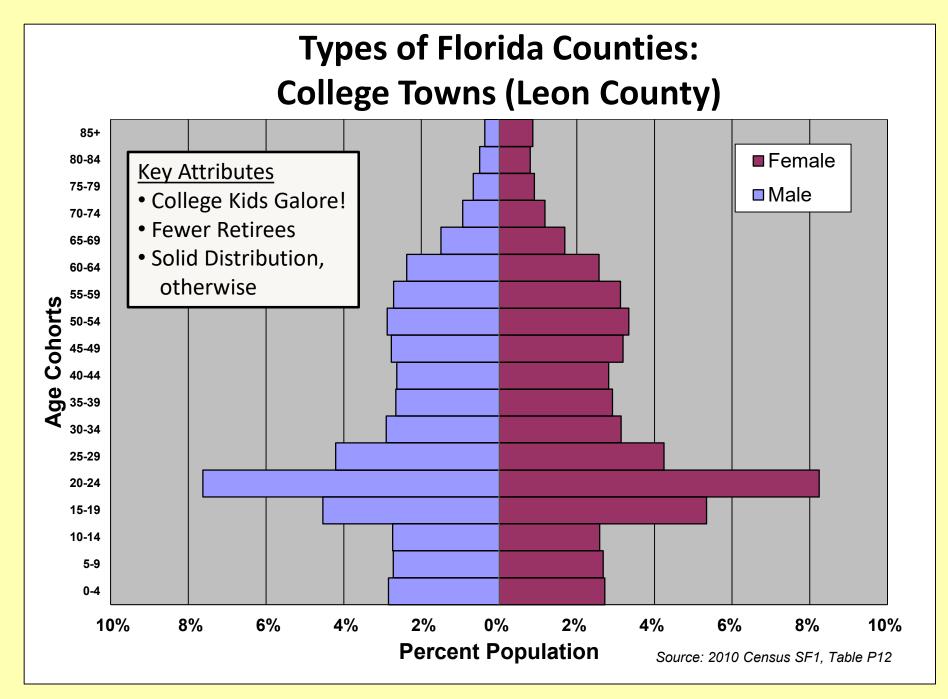


Types of Florida Counties: Classic "Rural" Counties (Putnam County) 85+ Females **Key Attributes** 80-84 • "Left Behinds" ■ Males 75-79 Smaller Working 70-74 **Populations** 65-69 • Young Adult Flight 60-64 55-59 Cohorts 50-54 45-49 40-44 **9** 35-39 30-34 25-29 20-24 15-19 10-14 5-9 0-4 10% 8% 6% 4% 2% 0% 2% 4% 6% 8% 10% **Percent Population** Source: 2010 Census SF1, Table P12

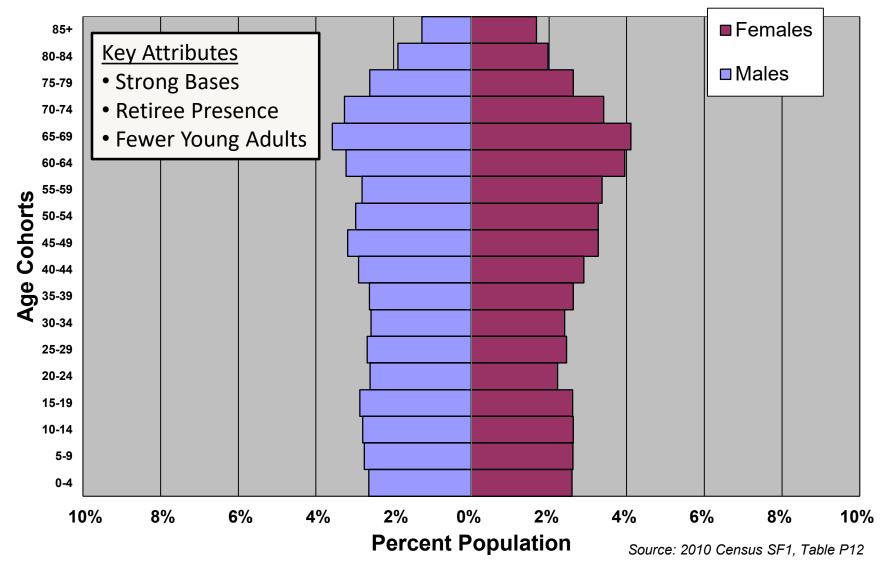
Types of Florida Counties: Rural Counties and Prisons (Lafayette County)

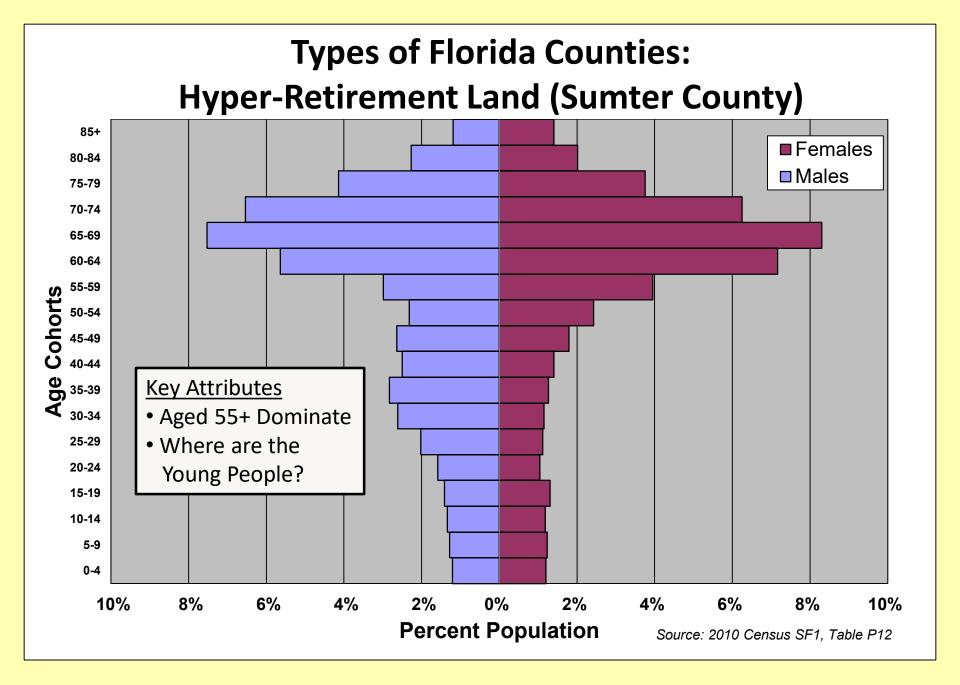




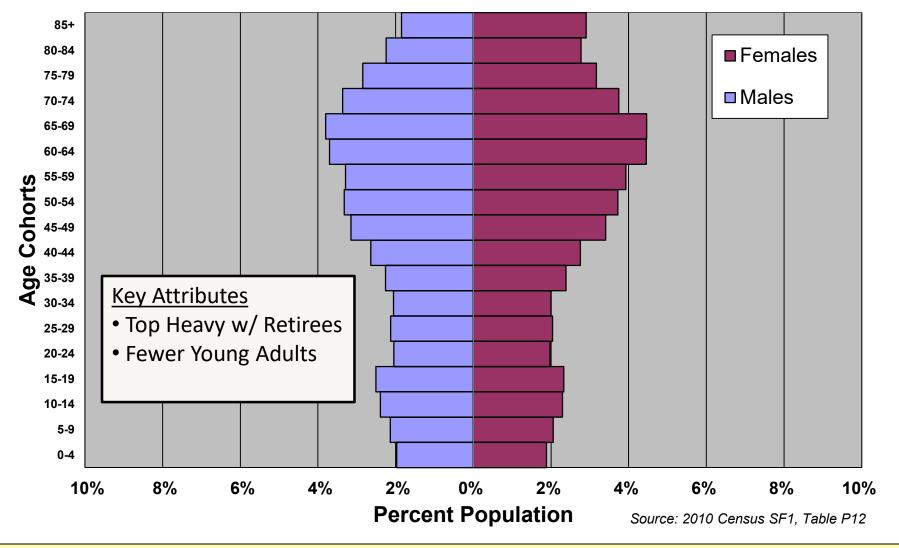


Types of Florida Counties: Retirement-Leaning (Collier County)

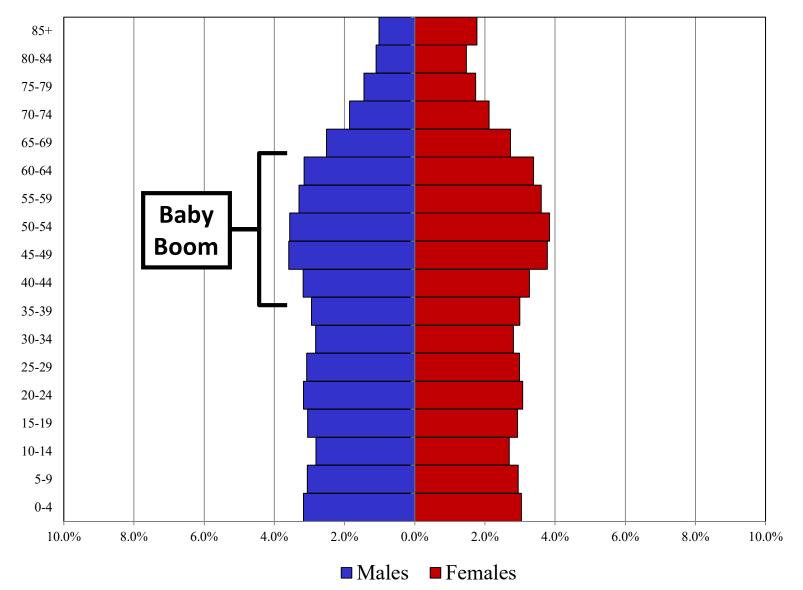




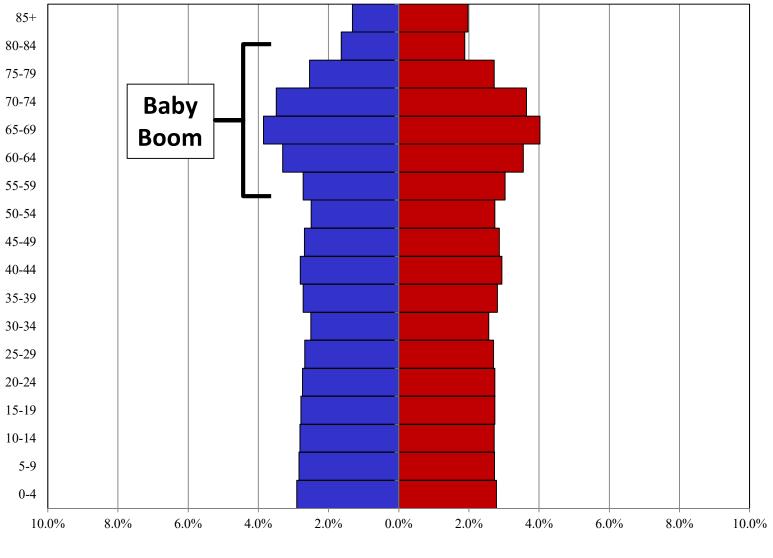
Types of Florida Counties: Retirement Land (Sarasota County, aka Florida's Future!)



Florida Population Pyramid, 2010

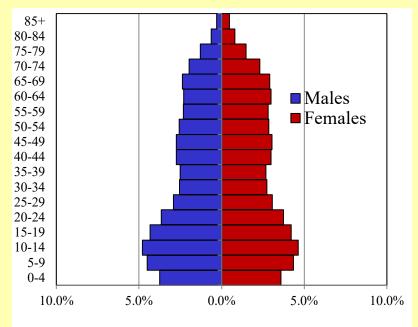


Florida Population Pyramid, 2030



■ Males ■ Females

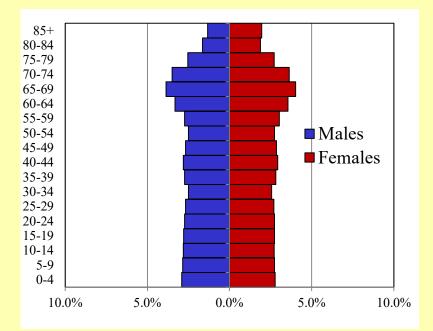
Comparing Pop Pyramids 1970 and 2030



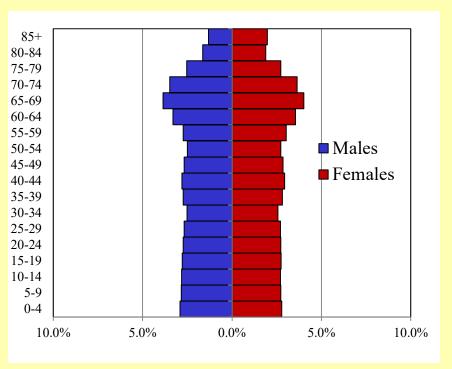
In 1970: A "Rocket Ship", Ready to Takeoff!!!

The Promise of a Young, Growing State In 2030: A "Mushroom Cloud", Poised to Destroy???

The Fear of a Demographic Time Bomb



Florida's 2030 Population

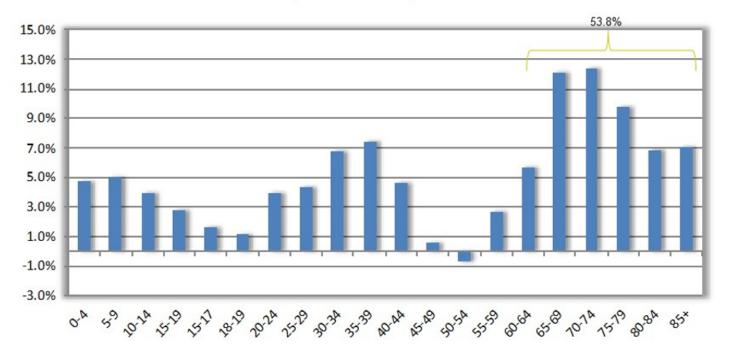


Not a Mushroom Cloud, but opportunities for Florida to...

- Be a national aging policy leader
- Make great use of an older, skilled workforce
- Exploit deep community leadership capacity and a "give back" culture
- A leader in transportation for the aging (driverless cars, ridesharing, driver cessation programs)
- Pursue medical innovation, aimed at Quality of Life, not Quality of Death

The Future is Silver

Distribution of Growth by Age Group between April 1, 2010 to April 1, 2030



Between 2010 and 2030, Florida's population is forecast to grow by almost 5.5 million persons.

Florida's older population (age 60 and older) will account for most of Florida's population growth, representing 53.8 percent of the gains.

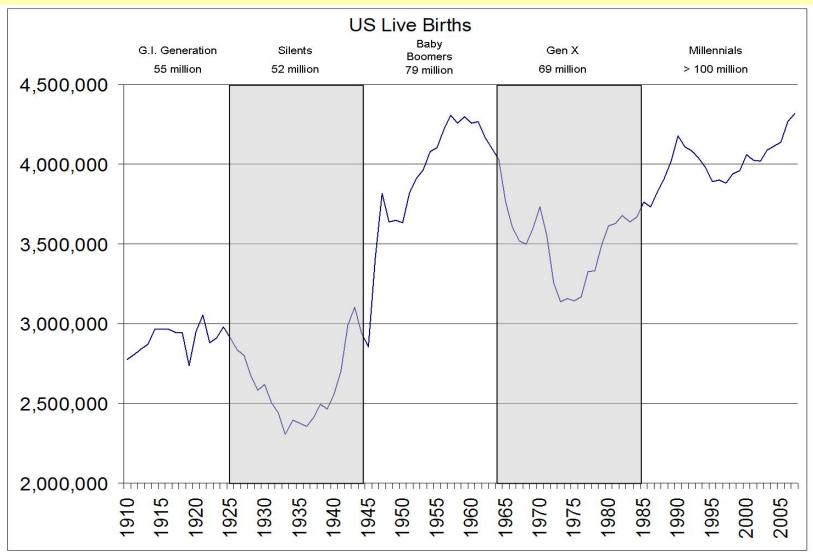
Florida's younger population (age 0-17) will account for 15.4 percent of the gains, while the younger working age group (25-39) will account for 18.6 percent of the growth.

http://edr.state.fl.us/content/presentations/economic/FlEconomicOverview_12-26-18.pdf

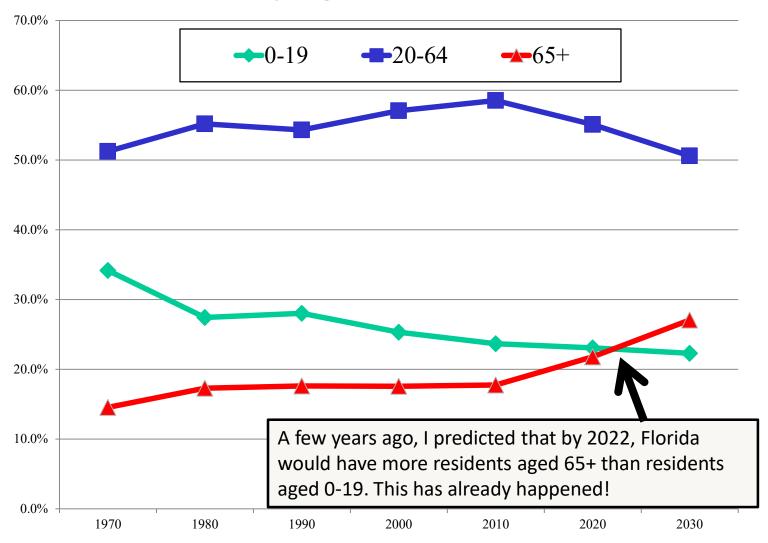
Implications of the Older Adult Boom

- Community and Planning Implications: Florida can be (must be!) a leader in providing for a high quality of life for older adults.
 - Seeing the continued development of quality, affordable, and welcoming age-restricted communities
 - Recognizing and Supporting NORCs (Naturally Occurring Retirement Communities)
 - Providing for a Range of Housing Options
 - Leading the Nation in Universal Design Housing Provision
 - Creating Transportation Systems and Technology that Promote Older Adult Mobility (e.g. Autonomous Vehicles)
 - Rethinking Medical Services Provision (e.g. TeleHealth)

Don't Forget the Kids! US Births by Year



Florida Residents Percent by Age 1950-2030



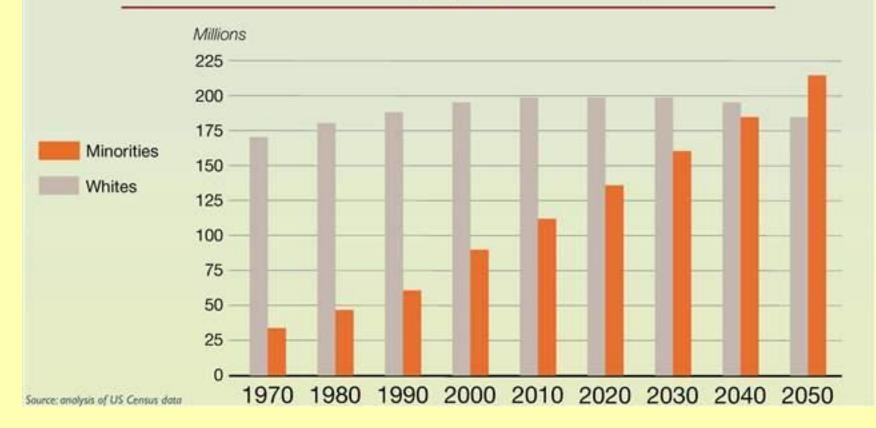
Population Racial/Ethnic Composition



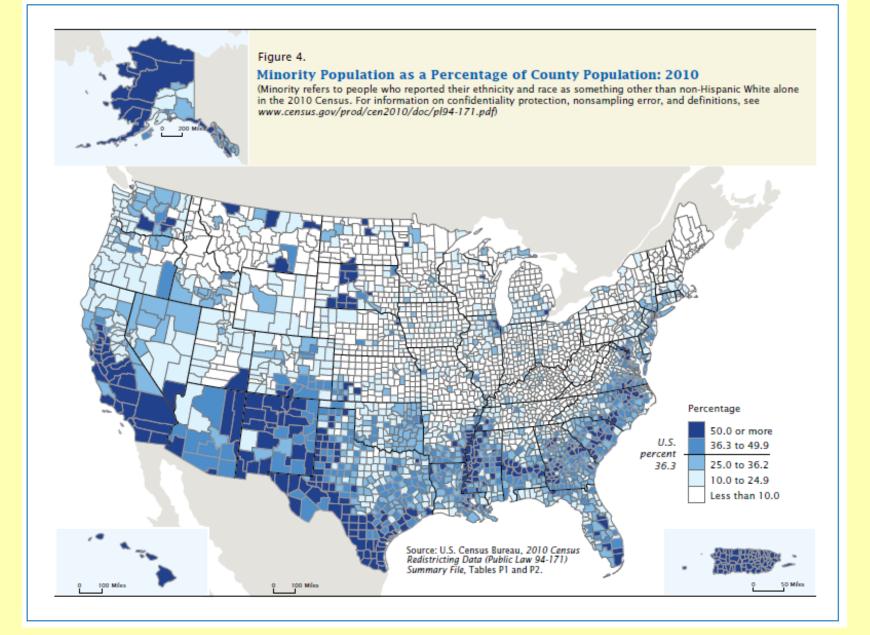
November 18, 1993 Cover

The "Browning of America"

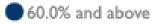
U.S. white and minority populations, 1970-2050



Percent Minority Population by County, 2010



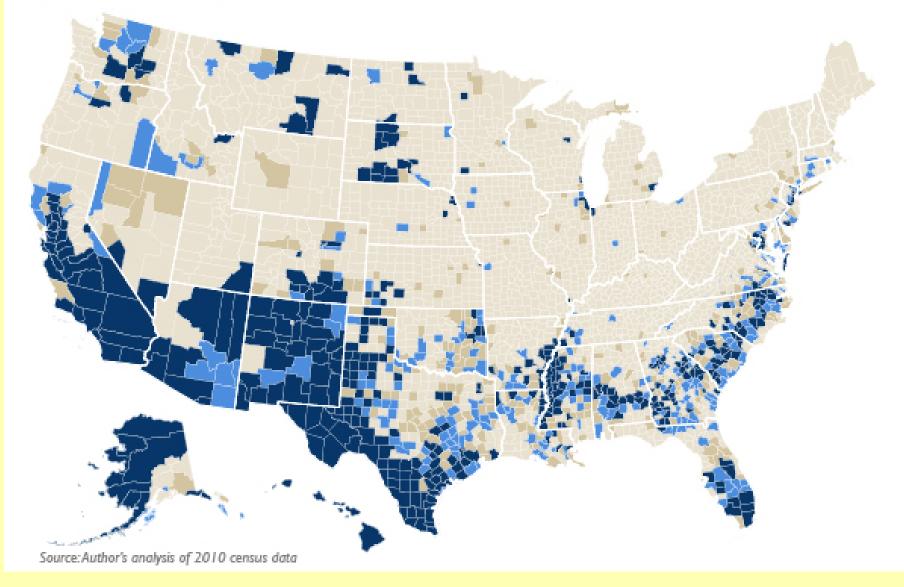
Percentage of Infants Under Age 1 Who Are Non-White



50.0 to 59.9%

40.0 to 49.9%

Less than 40.0%



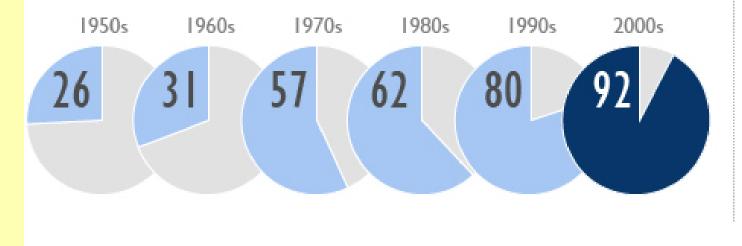
Related to this, 2011 was a defining year in our nation's history. Why?

The Ongoing "Browning of America"

III. Minorities are driving growth, replenishing America's youth

Non-whites accounted for the overwhelming majority (92 percent) of U.S. population growth in the 2000s.

Minority share (%) of U.S. population growth, by decade, 1950s – 2000s



Source: US Decennial Censuses and IPUMS, University of Minnesota

BROOKINGS

Continued Diversification is Inevitable

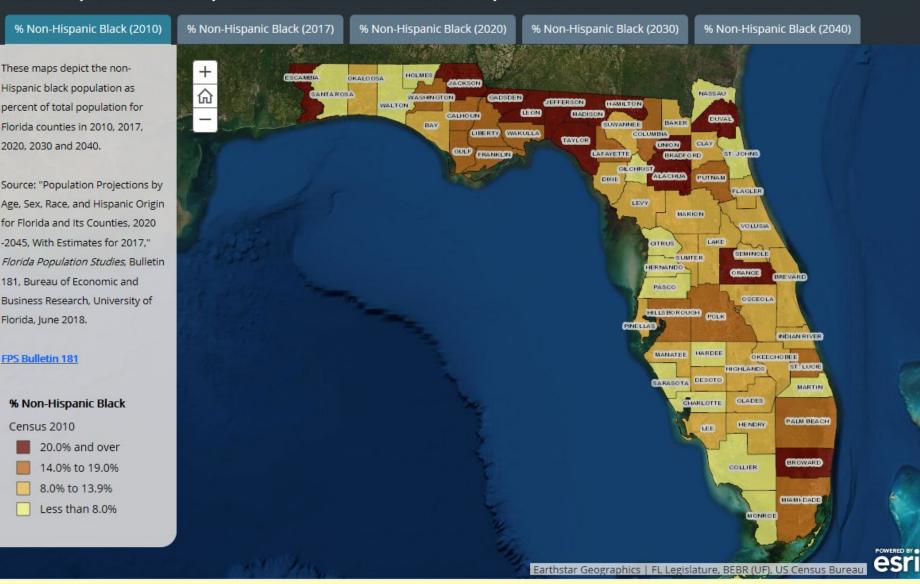
Race-Ethnic Profiles by Age Group, 2010 White Black 2+ races Hispanic Asian Other Under 5 years 51% 14% 25% 4% 55% 22% 14% 5-17 years 4% 58% 13% 5% 20% 18-35 years 64% 12% 5% 6% 35-49 years 73% 0% 11% 4% 50-64 years 79% 9% 4% 65-74 years 85% 2% 7% 85+ years

Source: Author's analysis of 2010 census data

Percent Non-Hispanic Blacks by County, 2010

Non-Hispanic Black Population as Percent of Total Population

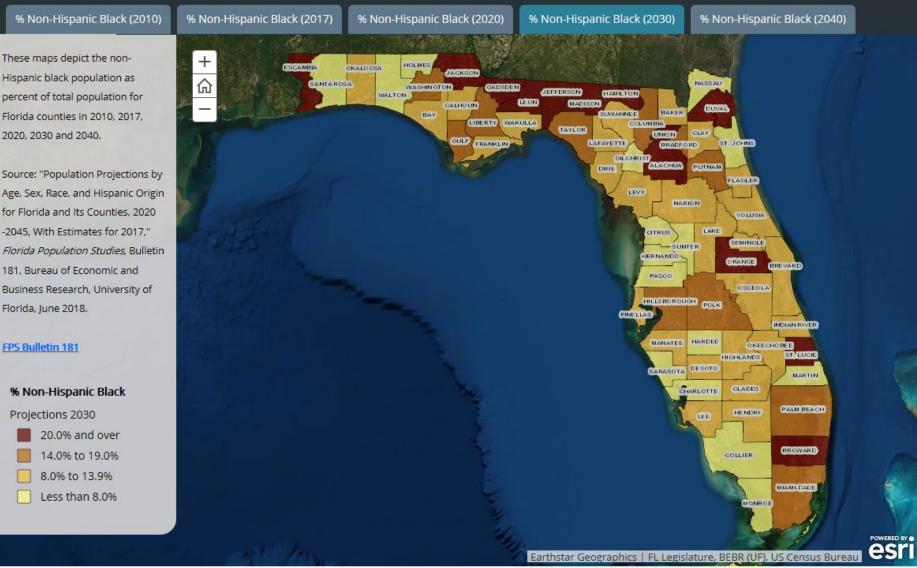
BEBR Population Data



Percent Non-Hispanic Blacks by County, 2030

Non-Hispanic Black Population as Percent of Total Population

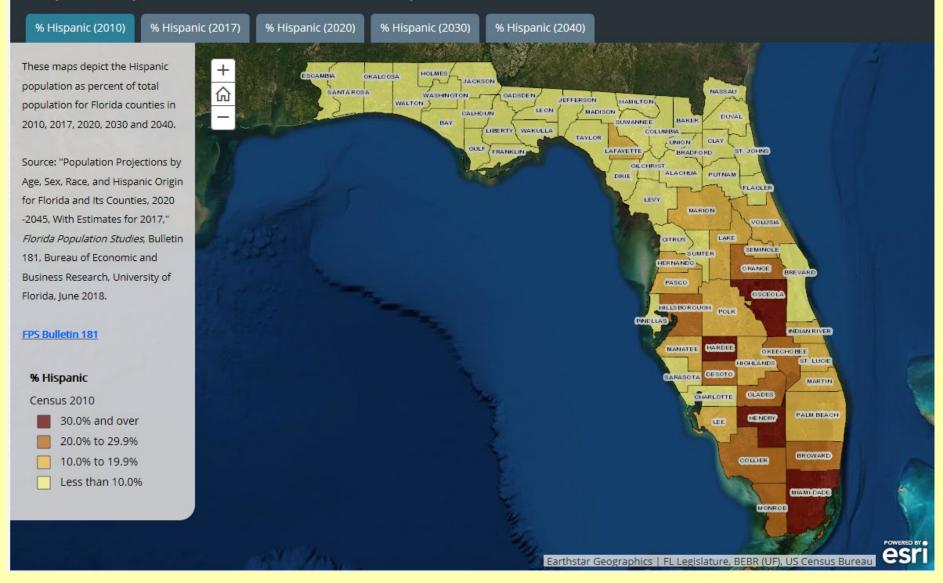
BEBR Population Data



Percent Hispanic by County, 2010

Hispanic Population as Percent of Total Population

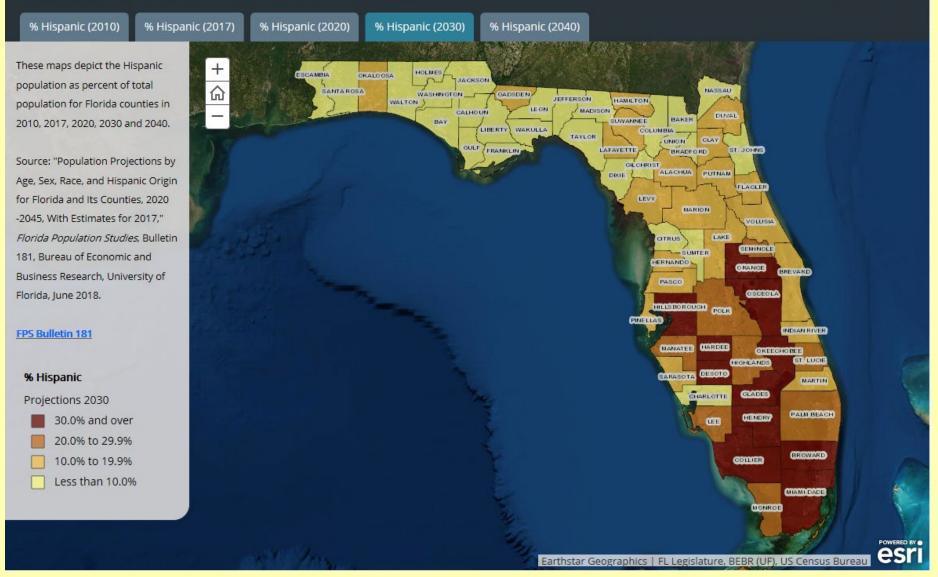
BEBR Pupulation Data



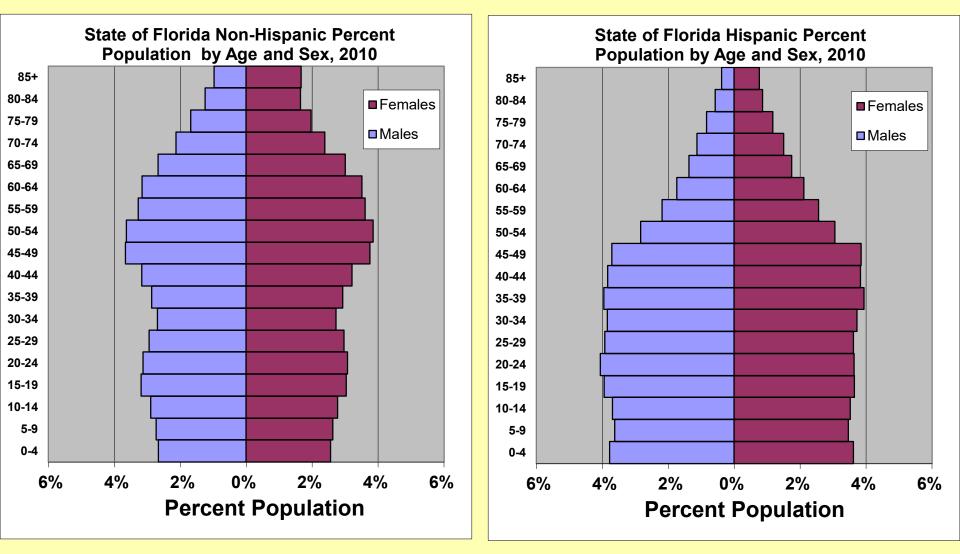
Percent Hispanic by County, 2030

Hispanic Population as Percent of Total Population

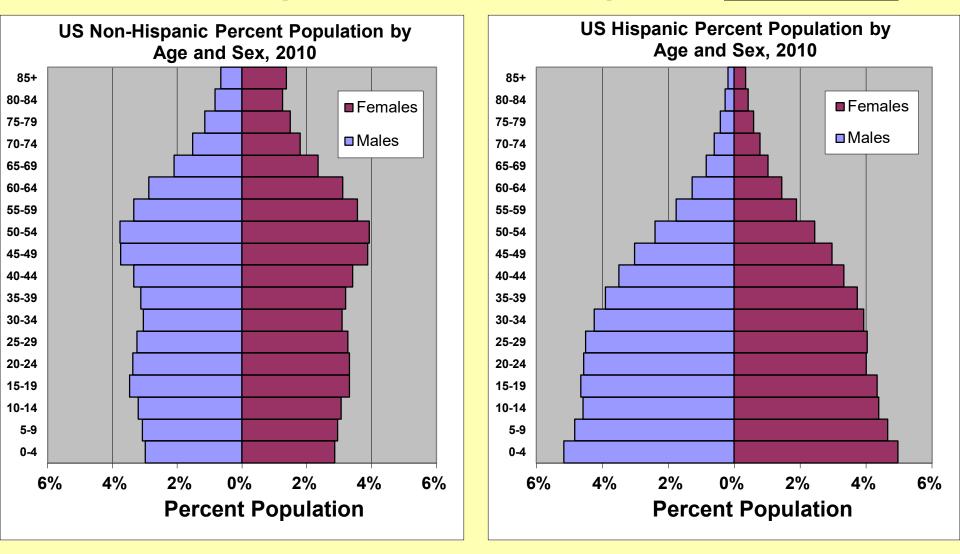
BEBR Pupulation Data



Ethnicity Matters: The Demographic Differences Between Hispanics and Non-Hispanics in Florida



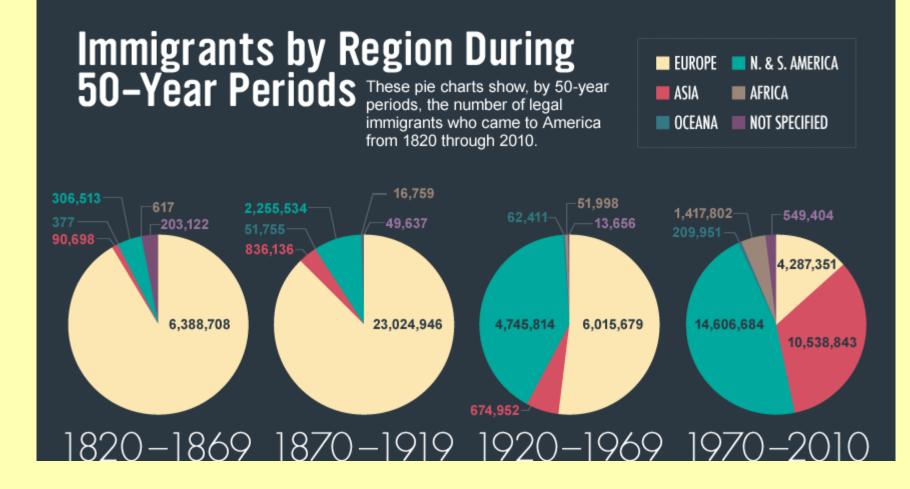
Ethnicity Matters: The Demographic Differences Between Hispanics and Non-Hispanics in the USA



Florida's Diversity Far Surpasses that of Most Other States, 2010

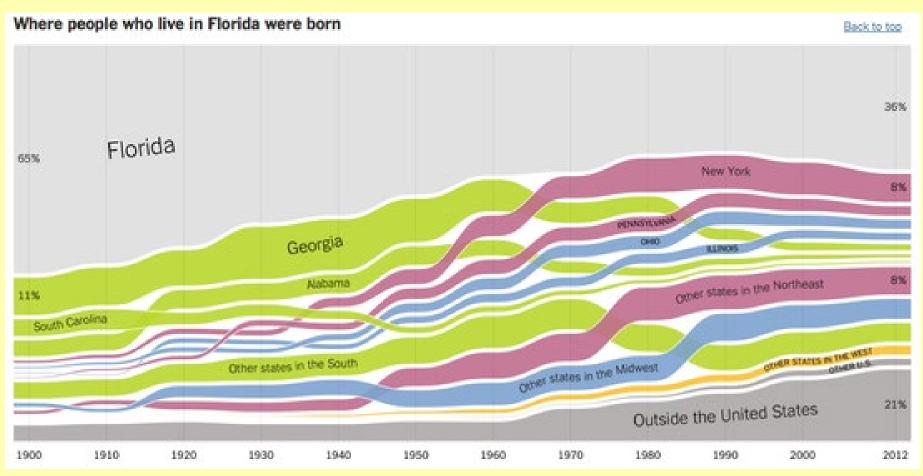
	United States	Florida	FL Rank
Pct Black	13.1%	16.5%	12 th
Pct Hispanic	16.7%	22.9%	6 th
Pct Foreign Born	12.8%	19.2%	5 th
Pct English Not Spoken at Home	20.3%	27.0%	8 th

US Immigration Trends Over Its History



http://ushistoryideas.blogspot.com/2015/05/celebrating-50th-anniversary-of-another.html

State of Florida Sources for Immigrants, 1900-2012

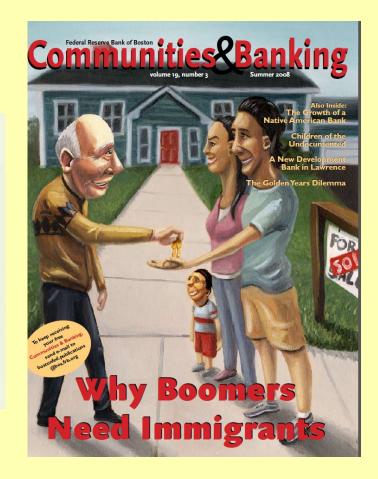


https://www.dailykos.com/stories/2014/08/16/1321689/-Wheredid-all-these-people-in-my-state-come-from-anyway

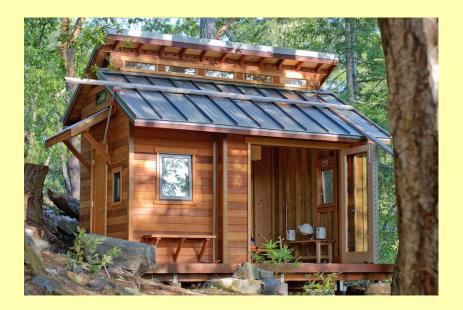
Implications with Continued Diversification

- **Political Implications**: Some commentators have made the case that older, White America and younger, Brown America are at war.
- William Frey and Dowell Myers disagree





Foreseeing an American and Floridian "Tiny House" Revolution





"Leave it to Beaver" Getting Left Behind



Table 1. Percent of households with and without children, 1960, 2000, and 2025.

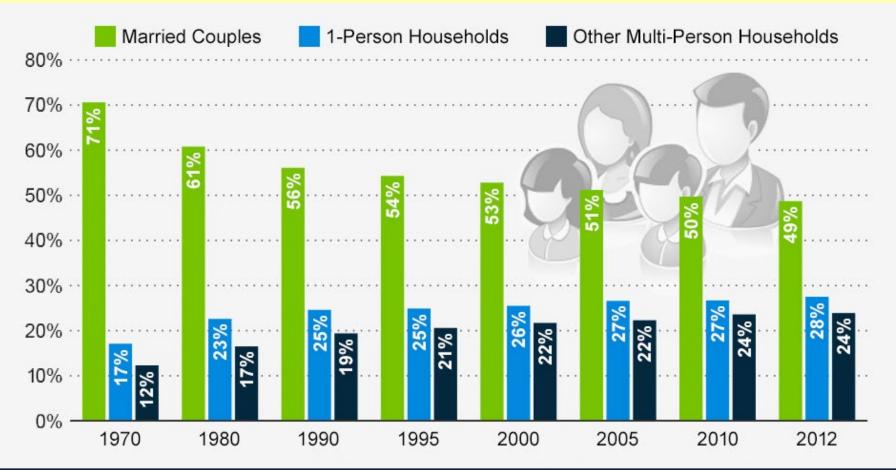
	1960	2000	2025
Households with children	48%	33%	28%
Households without children	52%	67%	72%
Single-person households	13%	26%	28%

Table 2. Projected household change, by type, 2000 and 2025.

	2000ª	2025ª	Change ^a 2000– 2025	Share of change
Fotal households	108,000	140,000	32,000	100%
Households with children	35,000	39,000	4,000	12%
Households without children	73,000	101,000	28,000	88%
Single-person households	28,000	39,000	11,000	34%

- The vast majority (~90%) of new households created in between 2000 and 2030 will <u>not</u> contain children.
- In particular, lots more "singles" households will come into existence.

The Decline of the Married Household



statista

Statistics Portal

(CC)

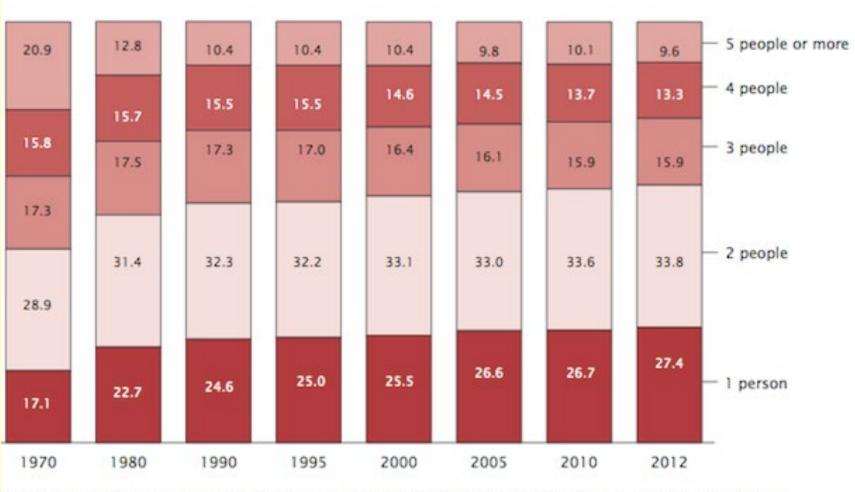
@StatistaCharts

Source: U.S. Census Bureau

Over 60% of Households Have 1-2 People Already

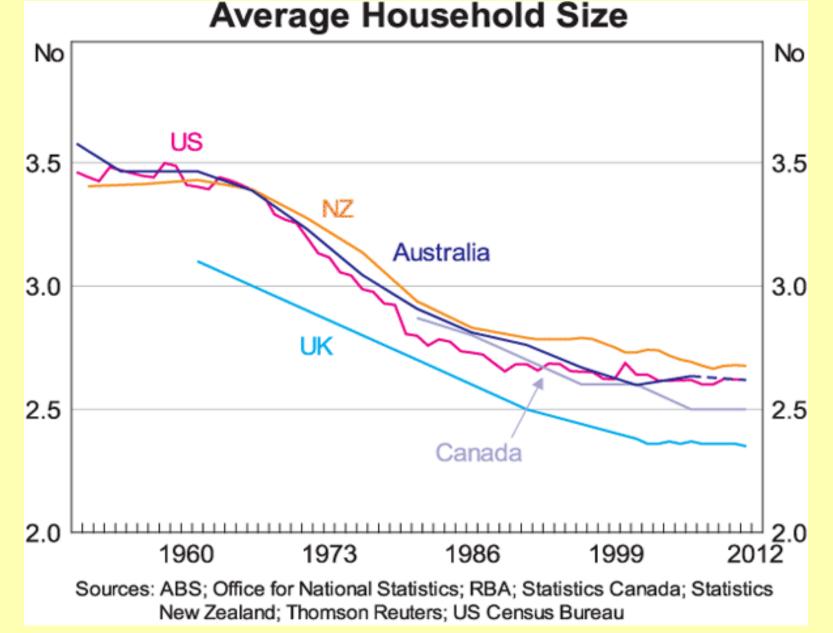
Households by Size, 1970 to 2012: CPS

(In percent)



Source: U.S. Census Bureau, Current Population Survey, Annual Social and Economic Supplement, selected years, 1970 to 2012.

Global Shrinking Household Sizes



The "Singleton" Revolution

- Choice Singles
- Young Singles
- Widows/Widowers
- Divorced Singles

Going Solo

The Extraordinary Rise and Surprising Appeal of Living Alone

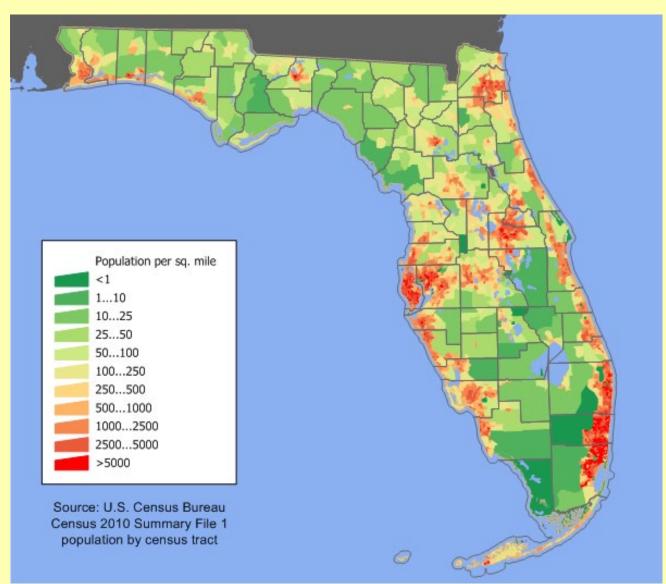
Eric Klinenberg



Implications of these Demographic Changes on Florida's Households

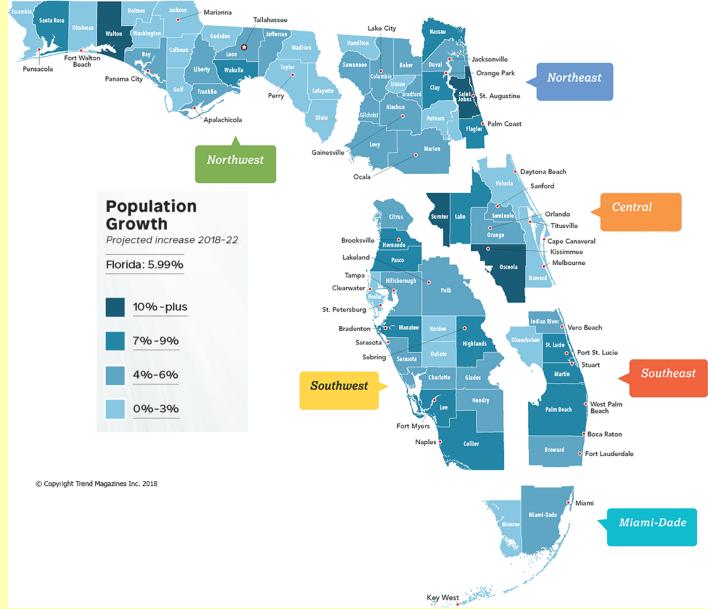
- There has been a significant rise in:
 - "Singles" households,
 - "SINKs" <u>single income no kids households</u>,
 - "DINKs" double income no kids households, and
 - Other "non-traditional" households
- These smaller households will result in lesser demand for large homes on large lots.
- These households will likely desire a different package of amenities and local land uses than households with children.
- For social service providers, there will be new challenges to serve smaller households with less in-home support.

Population Density Across Florida



https://en.wikipedia.org/wiki/Demographics of Florida

Projected Near Term Population Growth



https://s3.amazonaws.com/floridatrend/21965/florida-population-map-2018-180.png

Quality Growth's Demographic Opportunity

Quality Growth Attribute	Impact of Changing Demographics on QG Dimension
Density	Preference for smaller and/or attached dwelling units on smaller lots
Mix of Uses	Desire accessibility to shopping, health care, and recreational uses
Mix of Housing	Greater demand for and acceptability of a range of housing types
Multiple Modes	Prefer/Require transit accessibility and pedestrian oriented development
Urban Revitalization	Greater preference for more urban locations with interesting settings
Reduced Footprint	Smaller Lots + Greater Mixed Use + More Diverse Mode Choices = Reduced VMT and Reduced Footprint

Summing Up: Part I

- There are several ongoing, intertwined demographic trends shaping and reshaping Florida and the US.
 Recognizing these trends and their potential impacts upon the landscape is key for the success of planning interventions.
- 2. Florida's and the US Population will continue to grow, especially as the economy thrives. There will be a growing need for services, but in a fiscal climate where less funding may be available.
- 3. There is indeed a remarkably powerful "Silver Tsunami"; by 2025 roughly 1 in 4 Floridians will be elderly. There will be increased (and specialized) demands for elderly services.

Summing Up: Part II

4. The population continues to diversify.

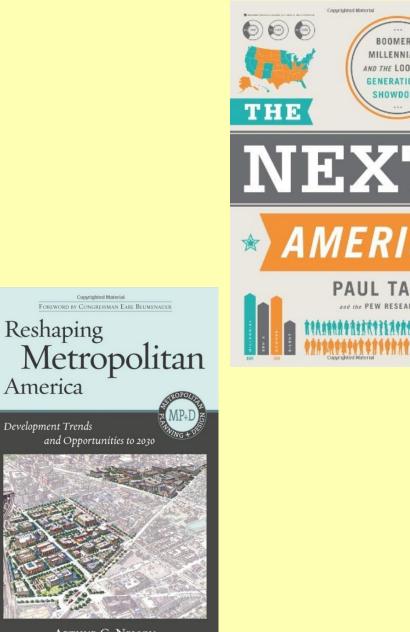
Planners and demographers will need to recognize and be prepared for increasingly complex households, cultural settings, and language issues.

- 5. Non-children households, especially "singles" households, are where household growth is. While there may be an emphasis upon married couple households and/or households with children, household trends are moving away from this classic suburban household model.
- 6. Given Florida's growth trajectory, the "where" question is the defining issue of the next generation. How Florida balances development and conservation, people and environment,

If You Want More Info...

BOOMERS

MILLENNIALS. IND THE LOOMING



ARTHUR C. NELSON

DIVERSITY

EXPLOSION

HOW NEW BACKAE DEMOGRAPHICS ARE REMAKING AMERICA WILLIAM PREV



Going Solo

The Extraordinary Rise and Surprising Appeal of Living Alone



THE ROAD TO THE 2020 CENSUS

The Atlanta Region

AL

GA

MS

NC

SC

Atlanta Regional Census Center Marilyn Stephens

Assistant Regional Census Center



Shape your future START HERE > United States® Census 2020





The 2020 Census is DIFFERENT





Optimizing Self-Response for 2020 Census



- We are making it easier than ever before for people to respond to the Census
- In previous censuses, the primary method of responding to the census was to receive a questionnaire in the mail...complete it and mail it back
- HOWEVER, for the 2020 Census, the INTERNET is the primary method for households to self respond



Optimizing Self-Response for 2020 Census



- Secondary ways of responding to the 2020 Census
 - Toll-free number
 - At any time, people can call our Census Questionnaire Assistance centers and get help completing their Census on the Internet...OR
 - Households can complete their Census with one of our staff over the telephone
 - Traditional questionnaire (will be automatically sent to households that have not responded by April 8)
 - Non Response Follow Up operation
 - Enumerators visit the household to conduct the interview



WHAT WE WILL SEND IN THE MAIL	
On or between	You'll receive:
March 12-20	An invitation to respond online to the 2020 Census. (Some households will also receive paper questionnaires.)
March 16-24	A reminder letter.
	If you haven't
	responded yet:
March 26-April 3	-
March 26-April 3 April 8-16	responded yet:

We understand you might miss our initial letter in the mail.

- Every household that hasn't already responded will receive reminders and will eventually receive a paper questionnaire.
- It doesn't matter which initial invitation you get or how you get it—we will follow up in person with all households that don't respond.

Inviting Households to Participate in the 2020 Census



The 2020 Census Questionnaire

OMB No. 0607-1006: Approval Expires 11/30/2021

U.S. DEPARTMENT OF COMMERCE



Economics and Statistics Administration This is the official questionnaire for this address. It is quick and easy to respond, and your answers are protected by law.

> FOR OFFICIAL USE ONLY

U.S. CENSUS BUREAU



The 2020 Census Questionnaire

Start here OR go online at [url removed] to complete your 2020 Census questionnaire.

Use a blue or black pen.

Before you answer Question 1, count the people living in this house, apartment, or mobile home using our guidelines.

- Count all people, including bables, who live and sleep here most of the time,
- If no one lives and sleeps at this address most of the time, go online at [un removed] or call the number on page 8.

The census must also include people without a permanent place to live, so:

 If someone who does not have a permanent place to live is staying here on April 1, 2020, count that person.

The Census Bureau also conducts counts in institutions and other places, so:

- Do not count anyone living away from here, either at college or in the Armed Forces.
- Do not count anyone in a nursing home, jail, prison, detention facility, etc., on April 1, 2020.
- Leave these people off your questionnaire, even if they will return to live here after they leave college, the nursing home, the military, jail, etc. Otherwise, they may be counted twice.
- 1. How many people were living or staying in this house, apartment, or mobile home on April 1, 2020?

Number of people =

2. Were there any <u>additional</u> people staying here on April 1, 2020 that you <u>did not include</u> in Question 1?

Mark 🗶 all that apply.

- Children, related or unrelated, such as newborn babies, grandchildren, or foster children
- Relatives, such as adult children, cousins, or in-laws
- Nonrelatives, such as roommates or live-in babysitters
- People staying here temporarily
- No additional people
- 3. Is this house, apartment, or mobile home Mark X ONE box.
 - Owned by you or someone in this household with a mortgage or loan? Include home equity loans.
 - Owned by you or someone in this household free and clear (without a mortgage or loan)?

Rented?

- Occupied without payment of rent?
- 4. What is your telephone number?

We will only contact you if needed for official Census Bureau business.

Telephone Number

(Form number removed

Number of people



NAME

Person 1

5. Please provide information for each person living here. If there is someone living here who pays the rent or owns this residence, start by listing him or her as Person 1. If the owner or the person who pays the rent does not live here, start by listing any adult living here as Person 1.

What is Person 1's name? Print name below.

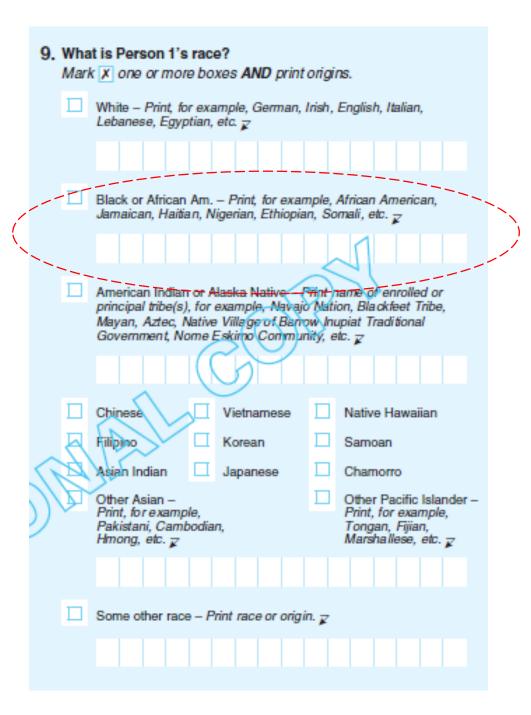
First Name MI

Last Name(s)

We ask for names to ensure everyone in the house is counted. Listing the name of each person in the household helps respondents include all members, particularly in large households where a respondent may forget who was counted and who was not.

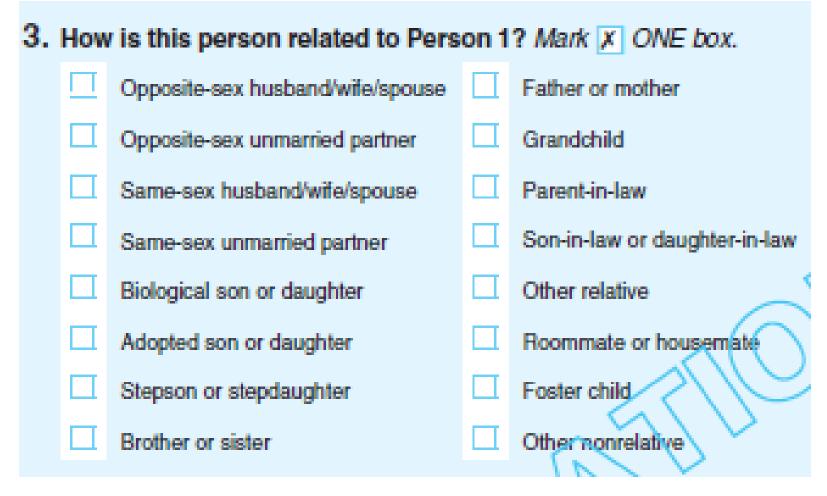


A Major Change on the 2020 Census Questionnaire





Household Relationship – New Options





Contact Me

- <u>Marilyn.e.Stephens@2020census.gov</u>
- 404-323-0594

