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Population Change in Coastal Georgia

Coastal Georgia Regional Water Planning Council Meeting

February 24, 2022

Taylor Hafley, Applied Demographer

Agenda

- Population Change Fundamentals
 - Census Data and Population Change
- Population Trends in Georgia
- Population Trends in Coastal Georgia
- Population Projections Method
- Questions



Questions Submitted in Advance

1. It seems there were some fairly significant differences in the population projections published in 2019 versus the updated ones from 2020 – can you explain the reasons for those differences?
2. Tourists and day trippers into our coastal region throughout the year certainly have an impact on water demand. How is that impact considered?



Quantifying Population Change

The Fundamentals of Population Estimates and Projections

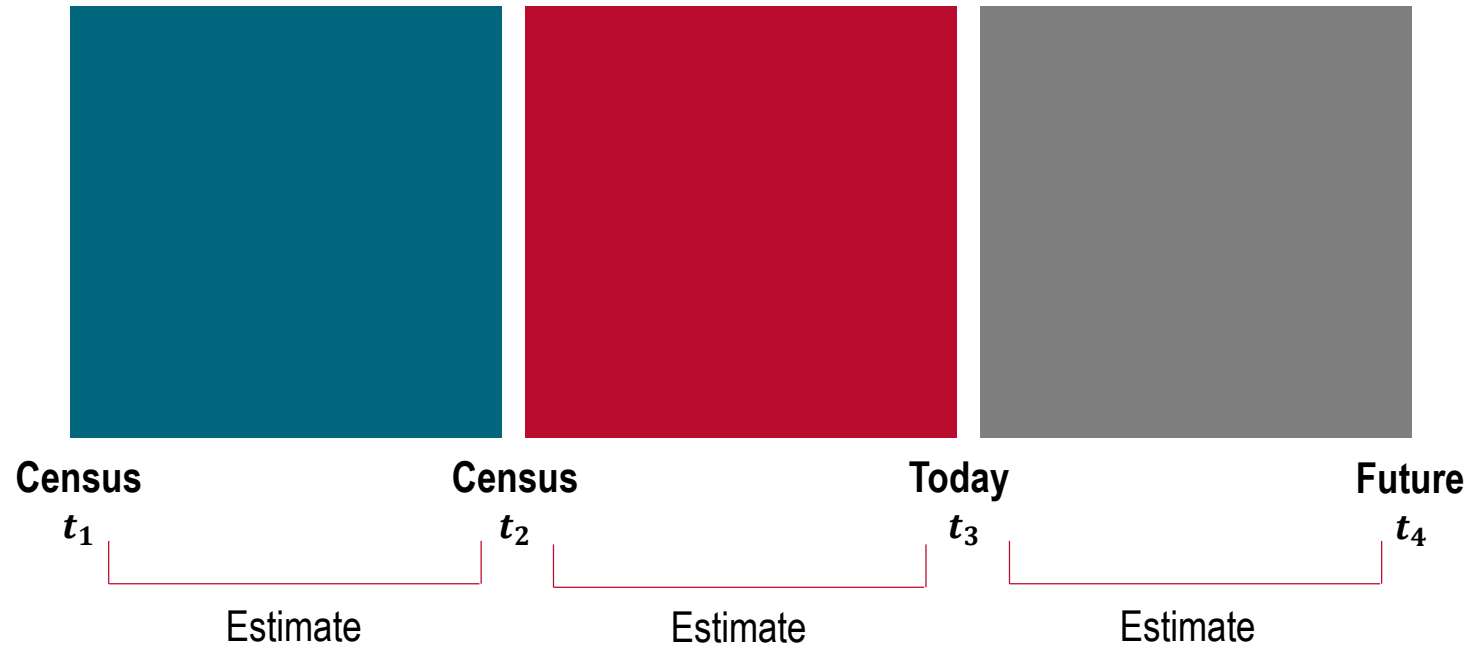


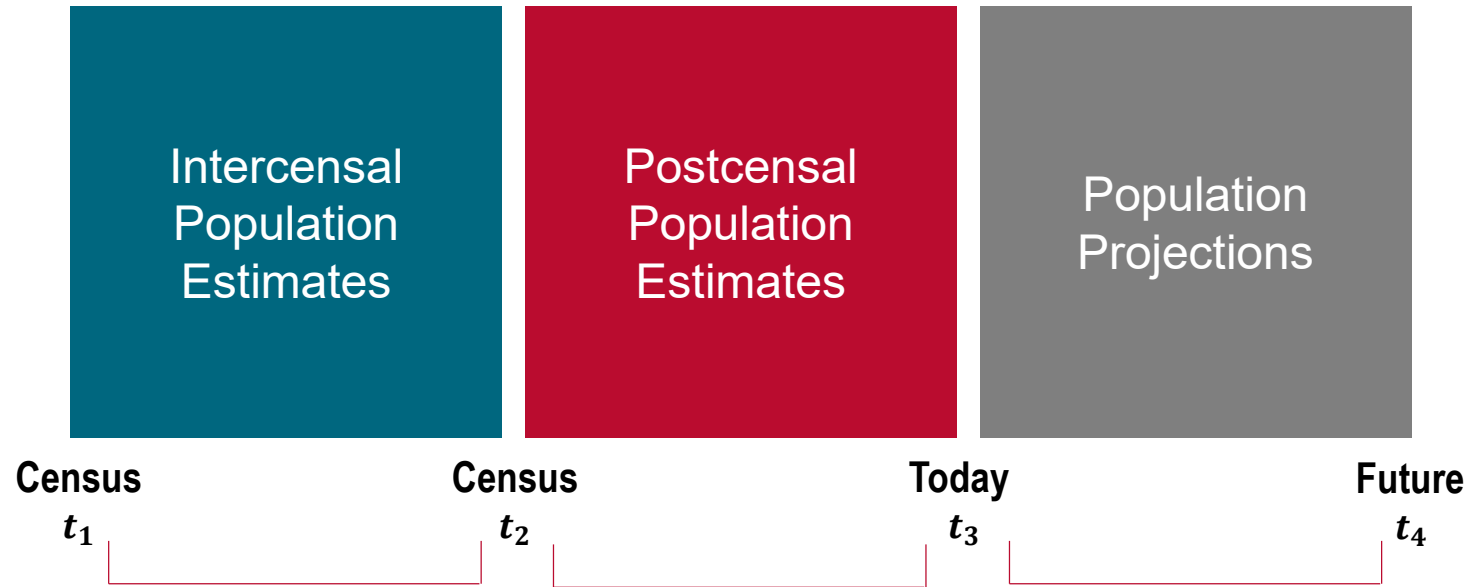
Population Change = Births – Deaths

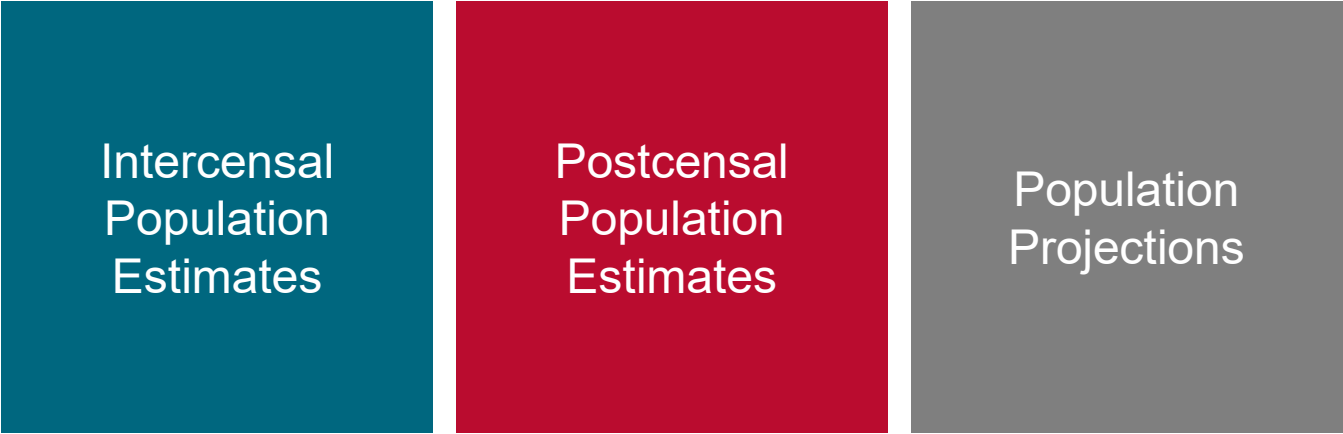
Population Change = Births – Deaths + Migration

Population Change = Births – Deaths + Migration + Group Quarters

census:
an official count or survey of a population





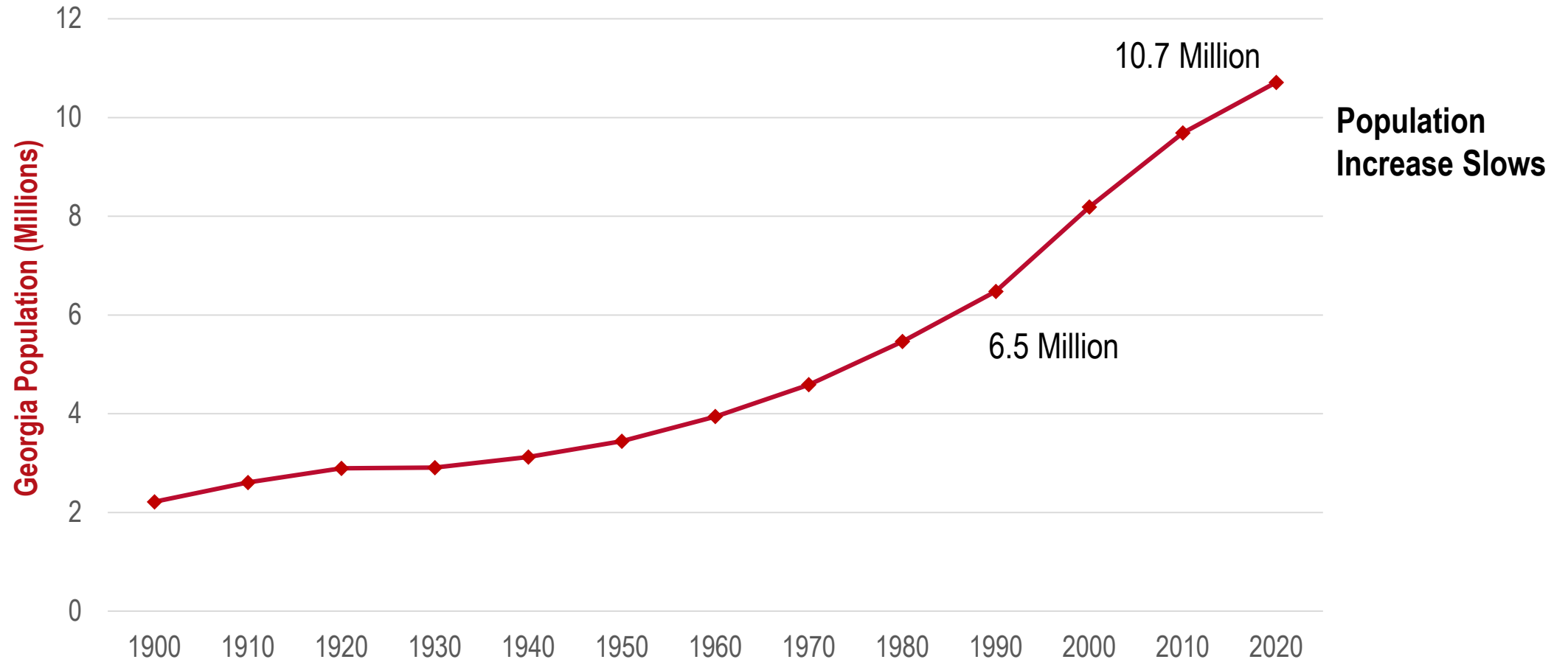


POPULATION CHANGE IN GEORGIA

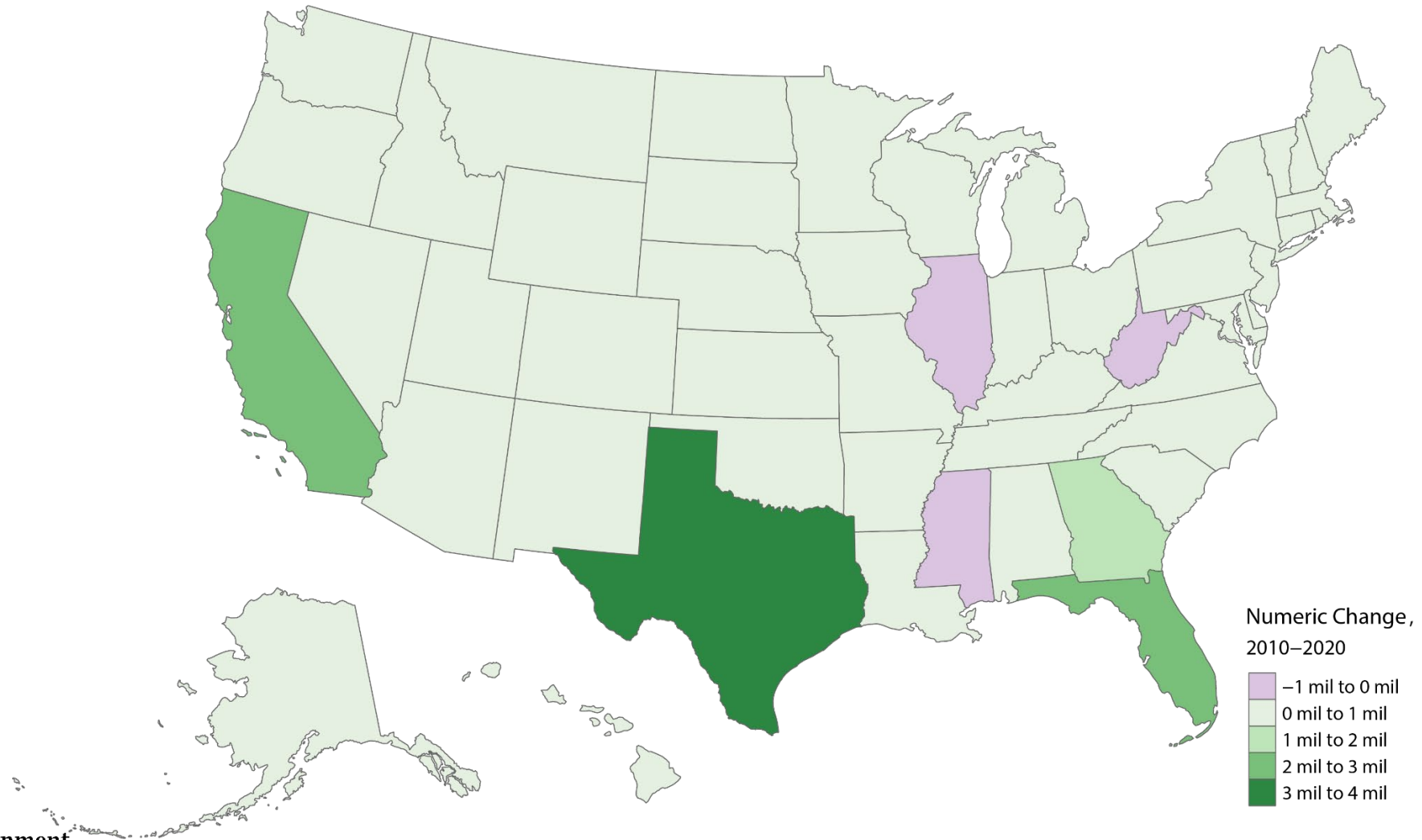
2020 CENSUS, HISTORY, AND GEOGRAPHY



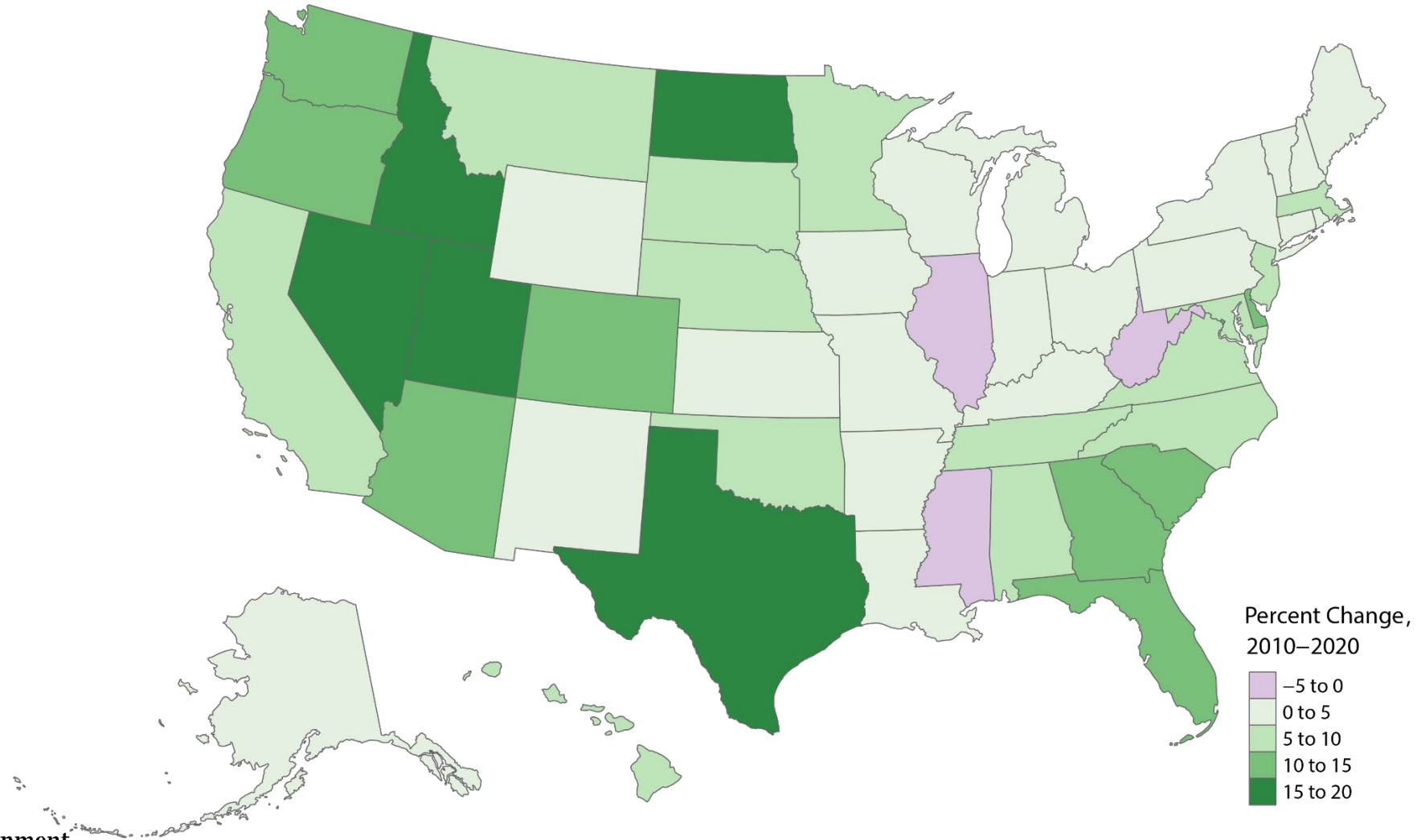
Four Million New Georgians since 1990



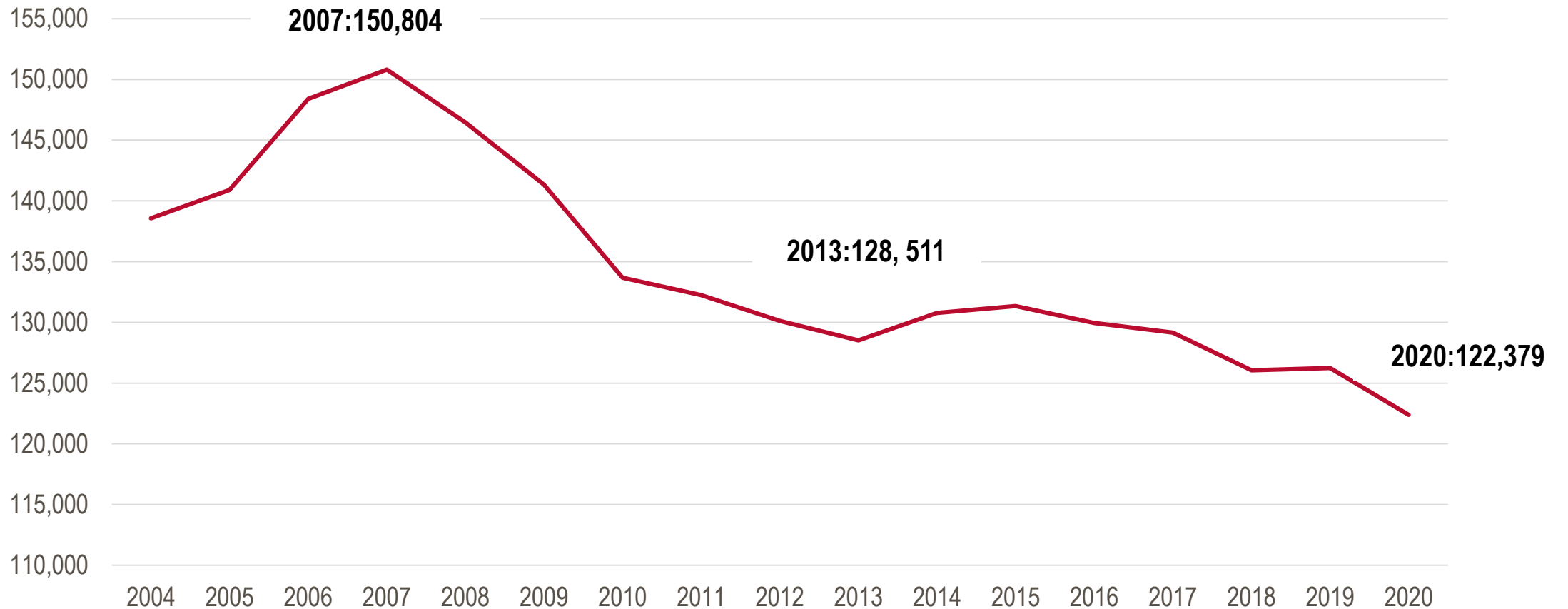
2020 Census: 1 Million New Georgians since 2010



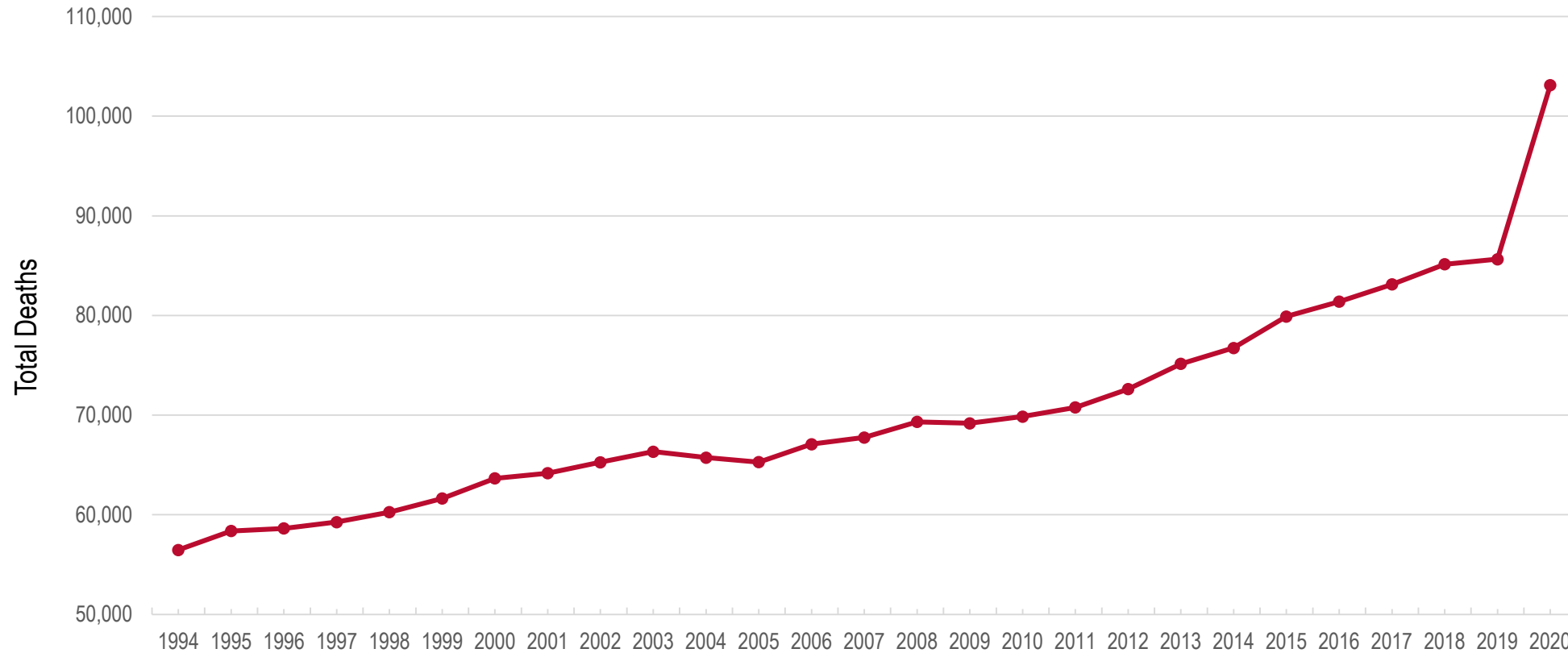
State's Rate of Growth (10.6%) Exceeds Nation (7.4%)



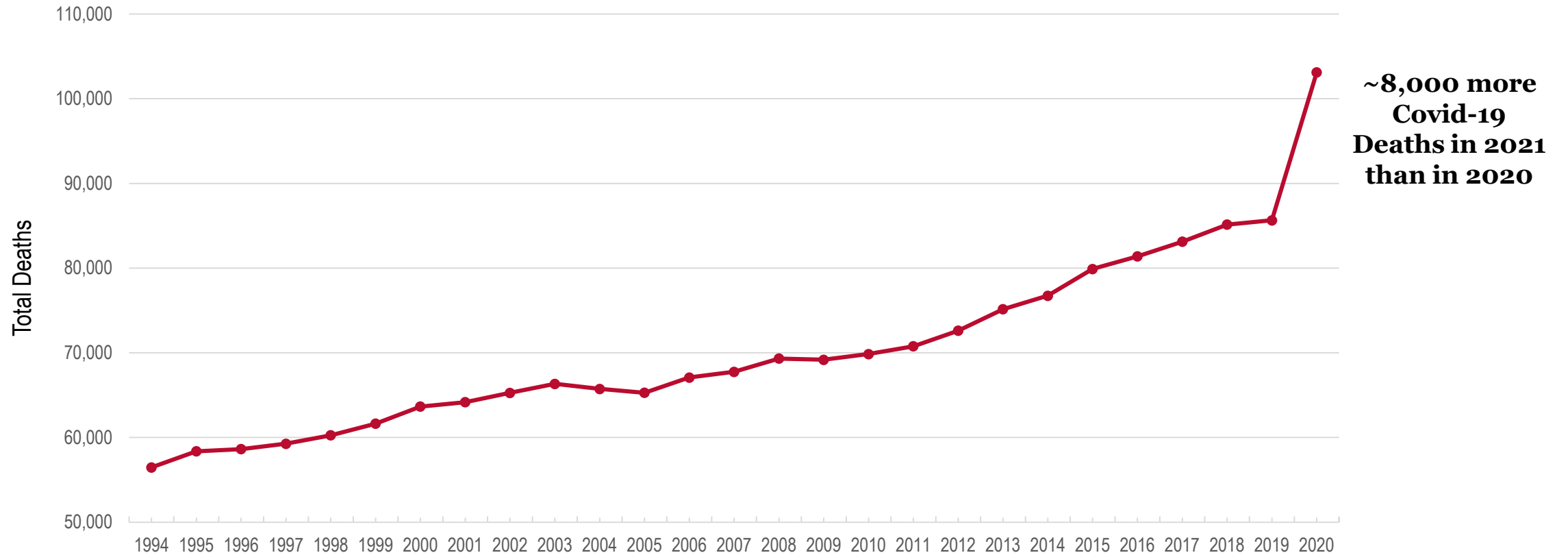
Number of Births are Falling in Georgia



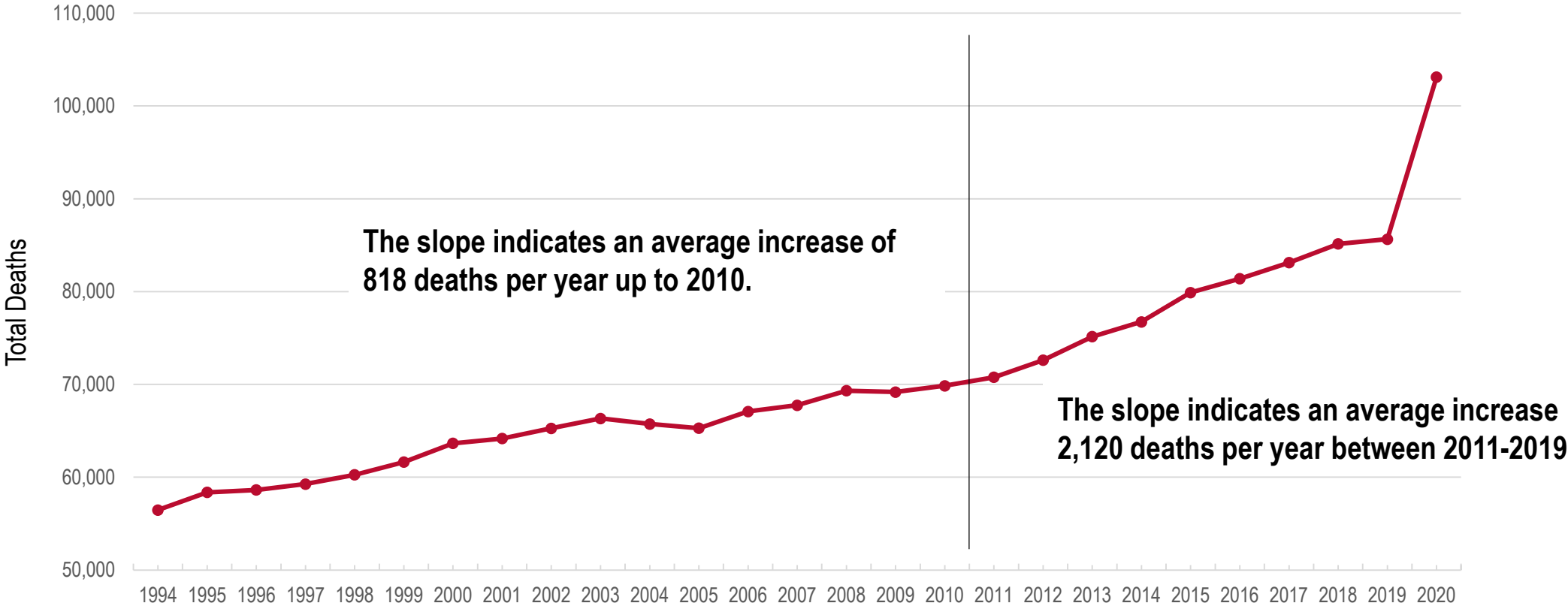
18,000 More Deaths in 2020 than in 2019



18,000 More Deaths in 2020 than in 2019



Mortality Trend was Increasing prior to Covid-19

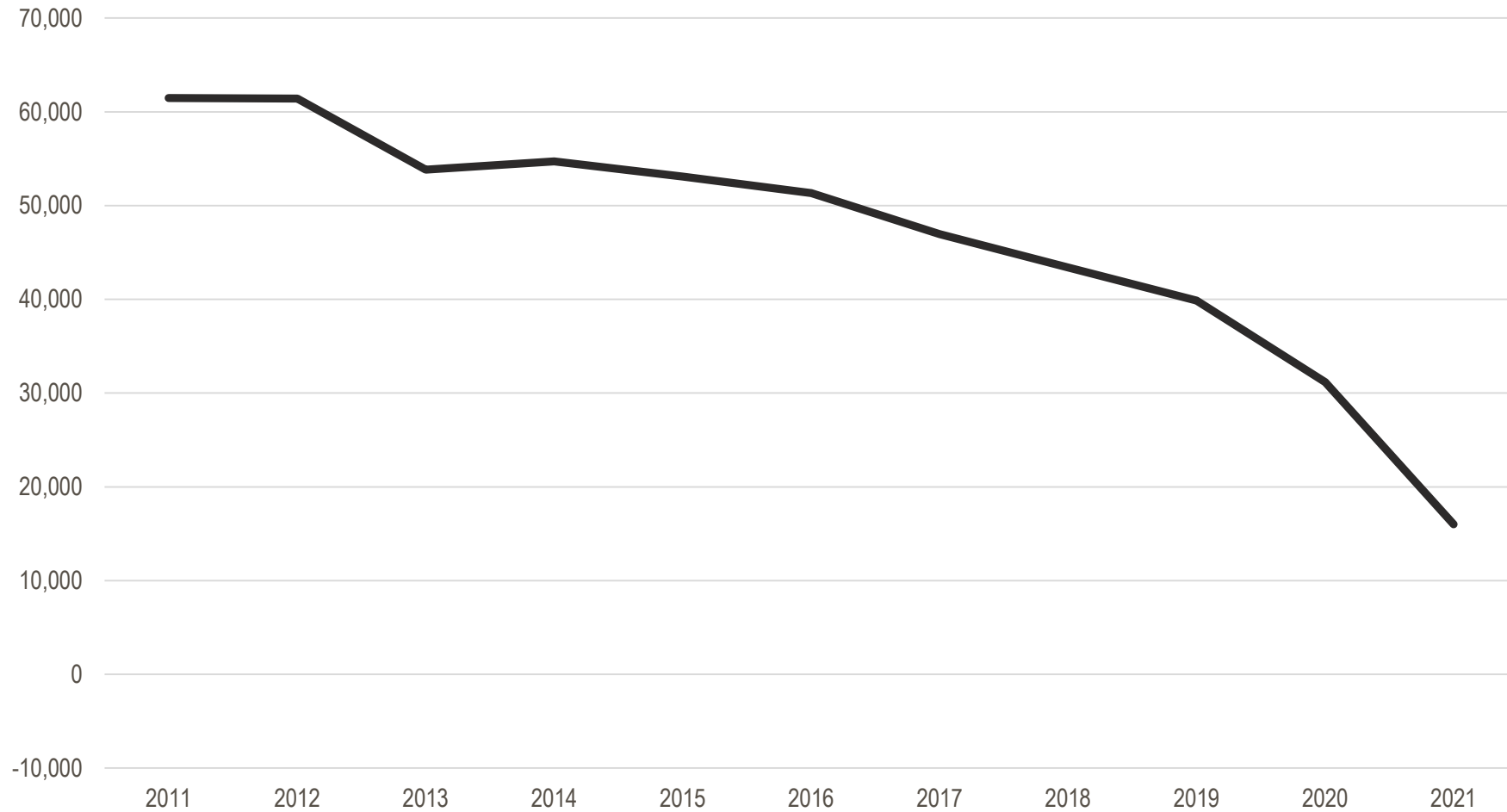


The slope indicates an average increase of 818 deaths per year up to 2010.

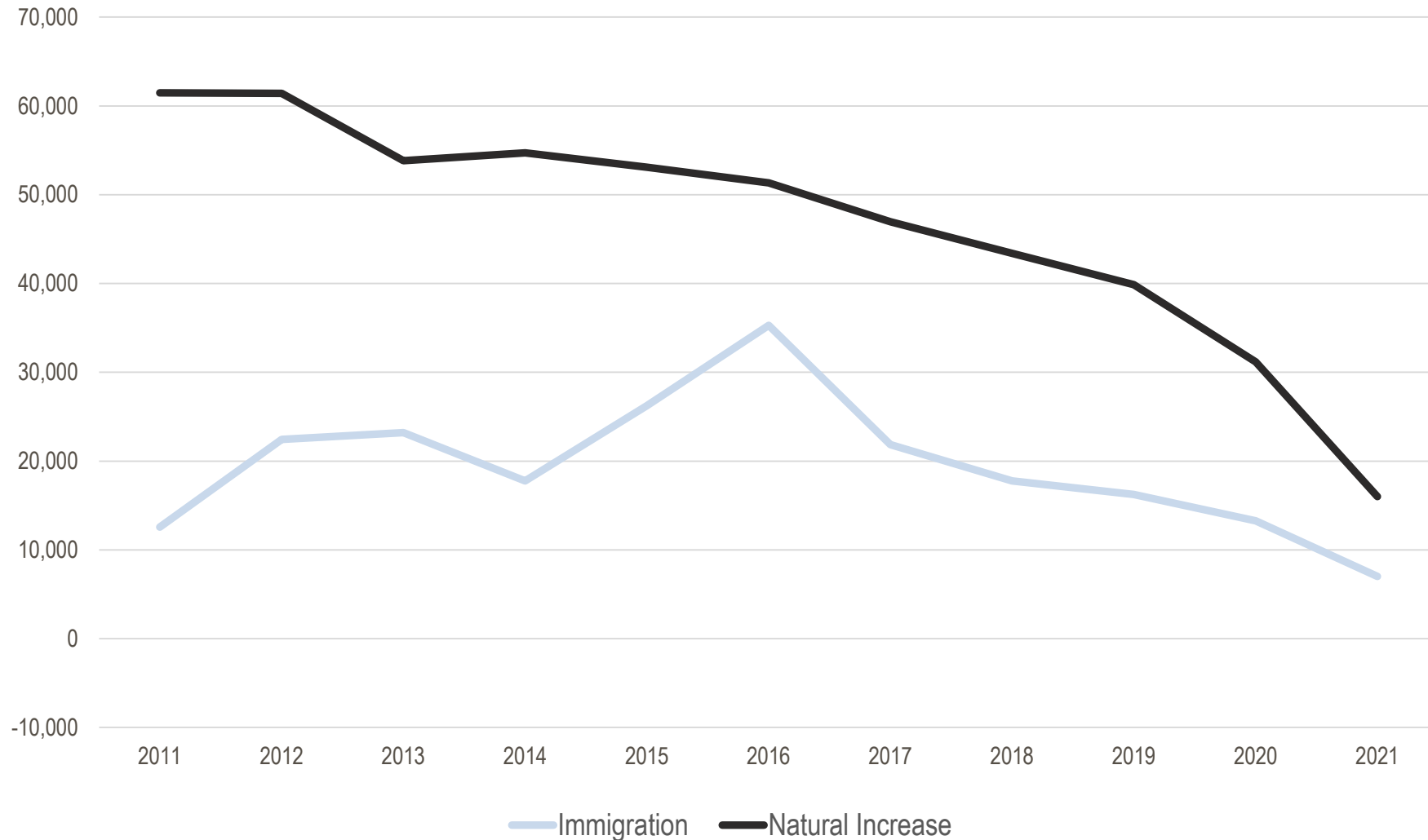
The slope indicates an average increase 2,120 deaths per year between 2011-2019



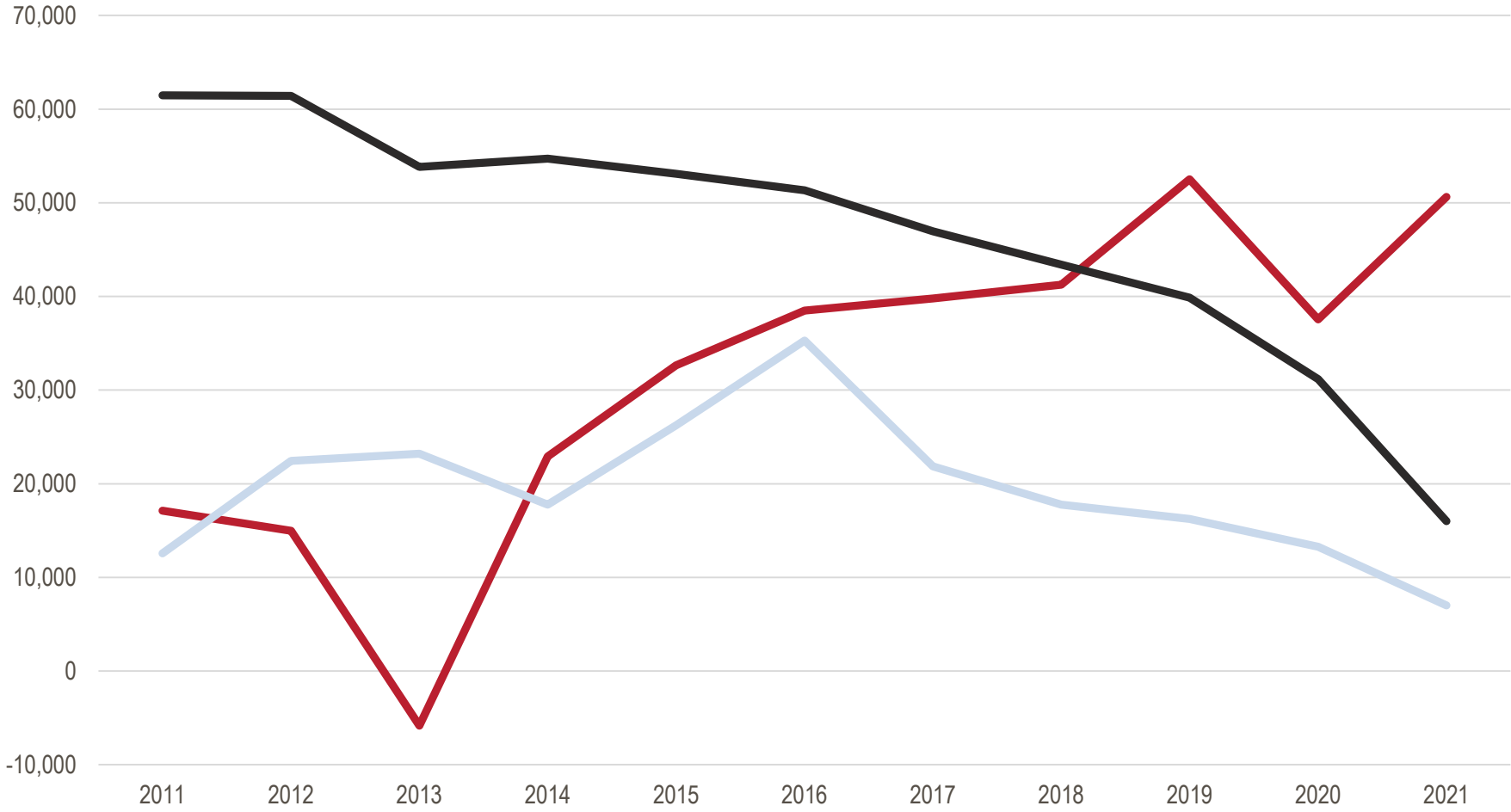
Slower Natural Increase



International Migration Stable Component of Growth

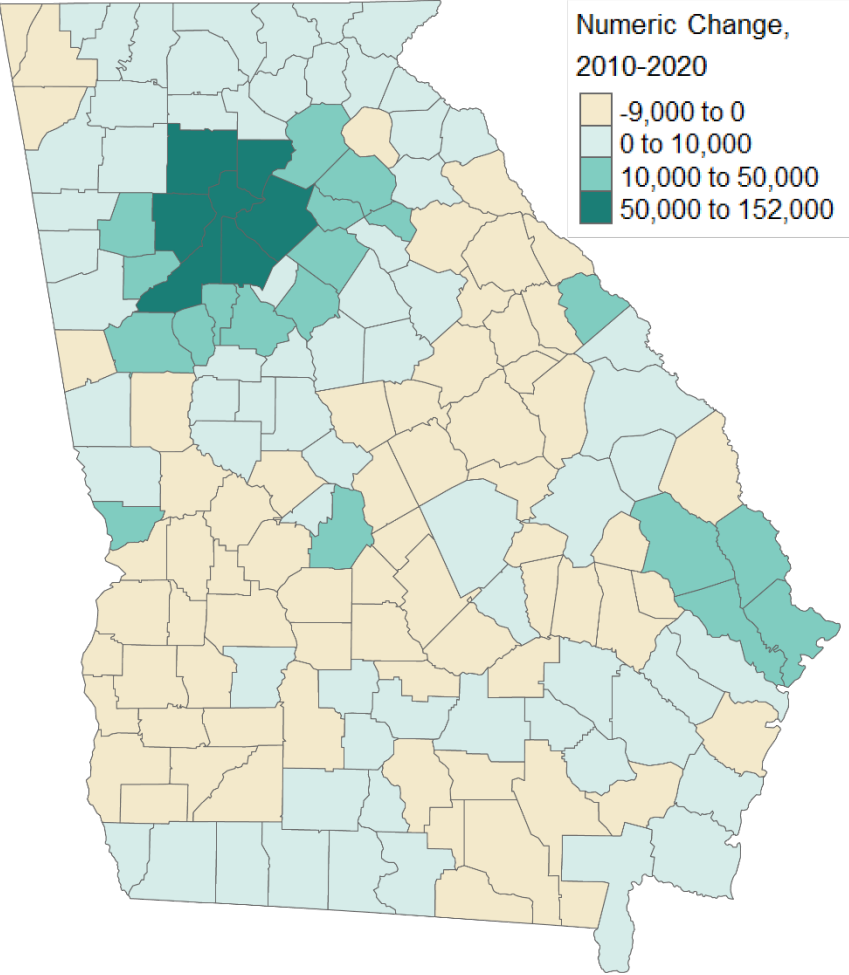


Domestic Migration Propels Georgia Growth



— In-Migration — Immigration — Natural Increase

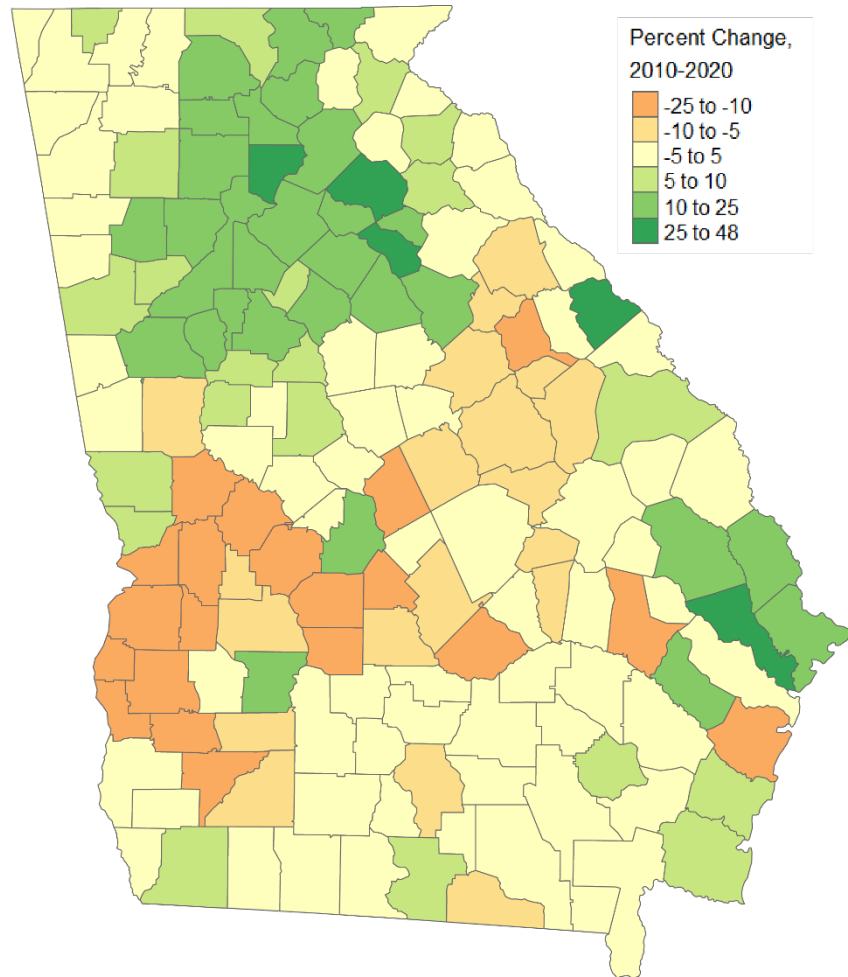
Population Growth in Metro Atlanta, North Georgia, and Coast



	Numeric Increase	#
1	Gwinnett County	151,741
2	Fulton County	146,129
3	Cobb County	78,071
4	Forsyth County	75,772
5	DeKalb County	72,489
6	Cherokee County	52,274
7	Clayton County	38,171
8	Henry County	36,790
9	Columbia County	31,957
10	Chatham County	30,163

	Largest Numeric Decrease	#
150	Baldwin County	-1,921
151	Pulaski County	-2,155
152	Macon County	-2,658
153	Tattnall County	-2,678
154	Sumter County	-3,203
155	Crisp County	-3,311
156	McIntosh County	-3,358
157	Dooly County	-3,710
158	Telfair County	-4,023
159	Dougherty County	-8,775

Suburban and Exurban Population Growth

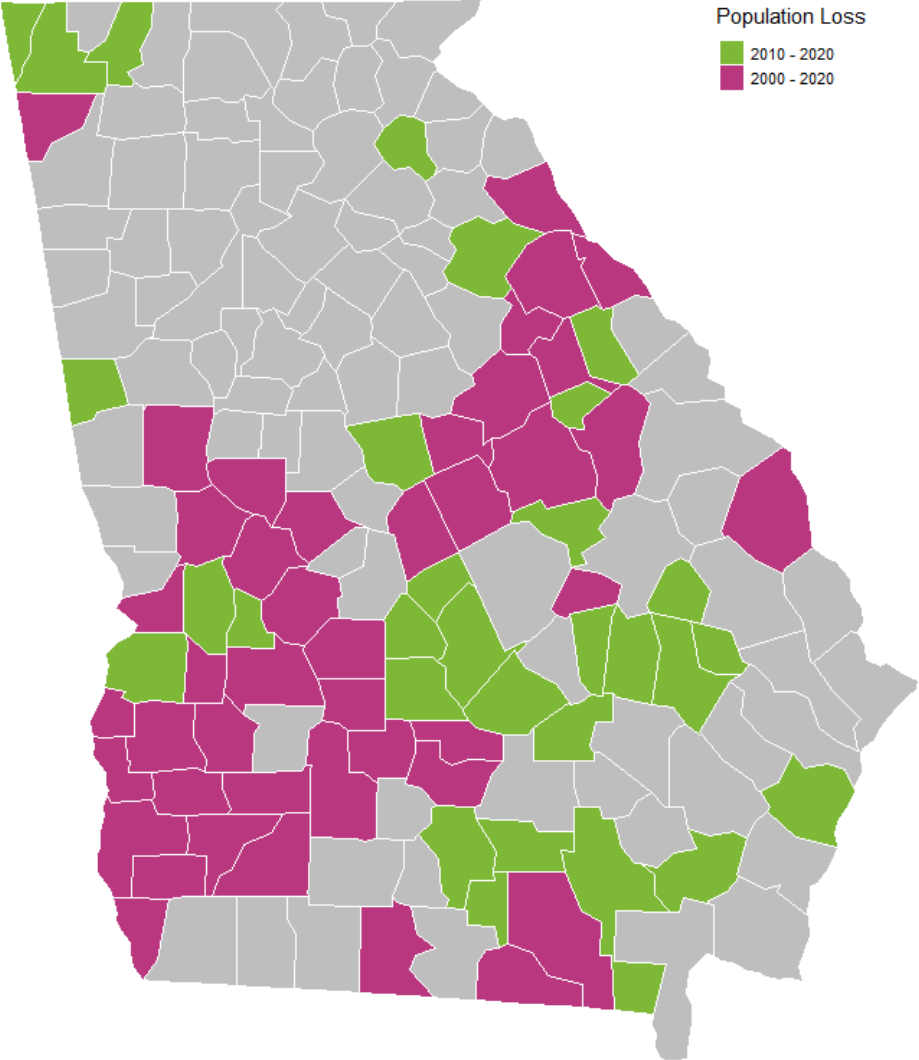


	Fastest Growing	%
1	Bryan County	48.0
2	Forsyth County	43.2
3	Oconee County	27.4
4	Columbia County	25.8
5	Jackson County	25.5
6	Cherokee County	24.4
7	Effingham County	24.0
8	Barrow County	20.4
9	Dawson County	20.0
10	Towns County	19.3

	Largest Decrease	%
150	Webster County	-16.1
151	Talbot County	-16.5
152	Baker County	-16.7
153	Calhoun County	-16.7
154	Randolph County	-16.8
155	Pulaski County	-17.9
156	Macon County	-18.0
157	McIntosh County	-23.4
158	Telfair County	-24.4
159	Dooly County	-24.9

68 counties lost population between 2010 and 2020

43 counties have fewer people in 2020 than in 2000

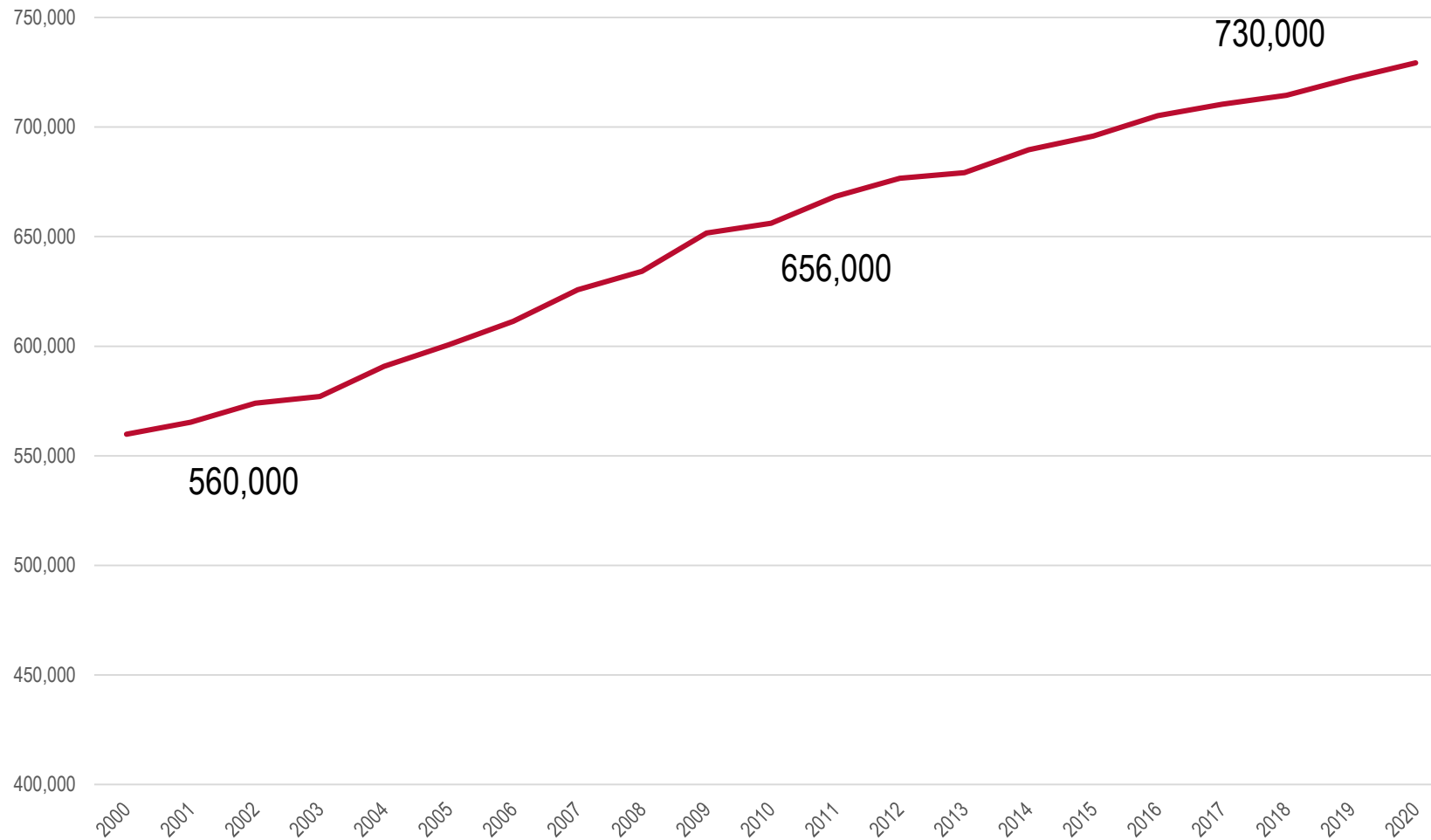


COASTAL GEORGIA TRENDS

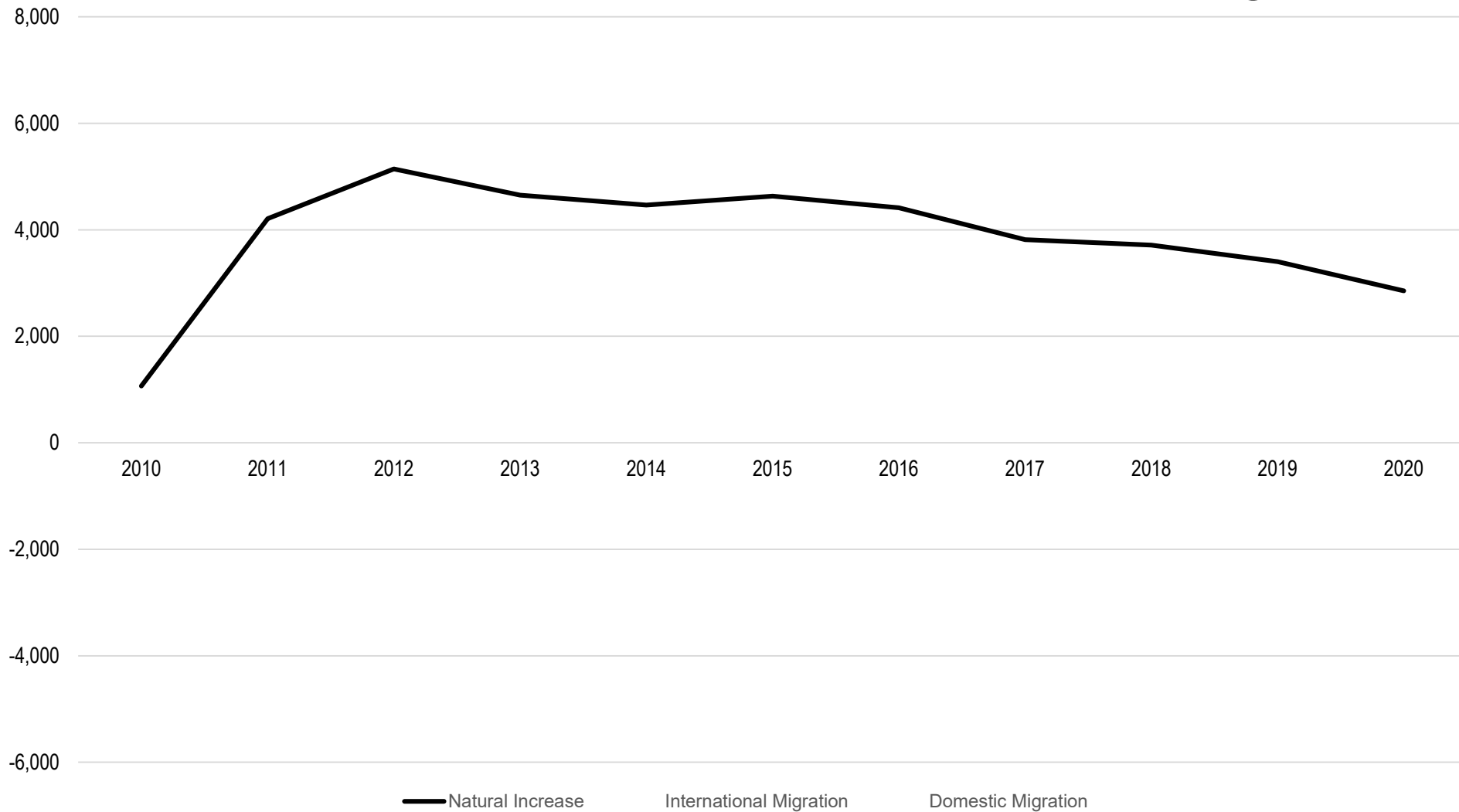
A FOCUS ON EIGHT COUNTIES



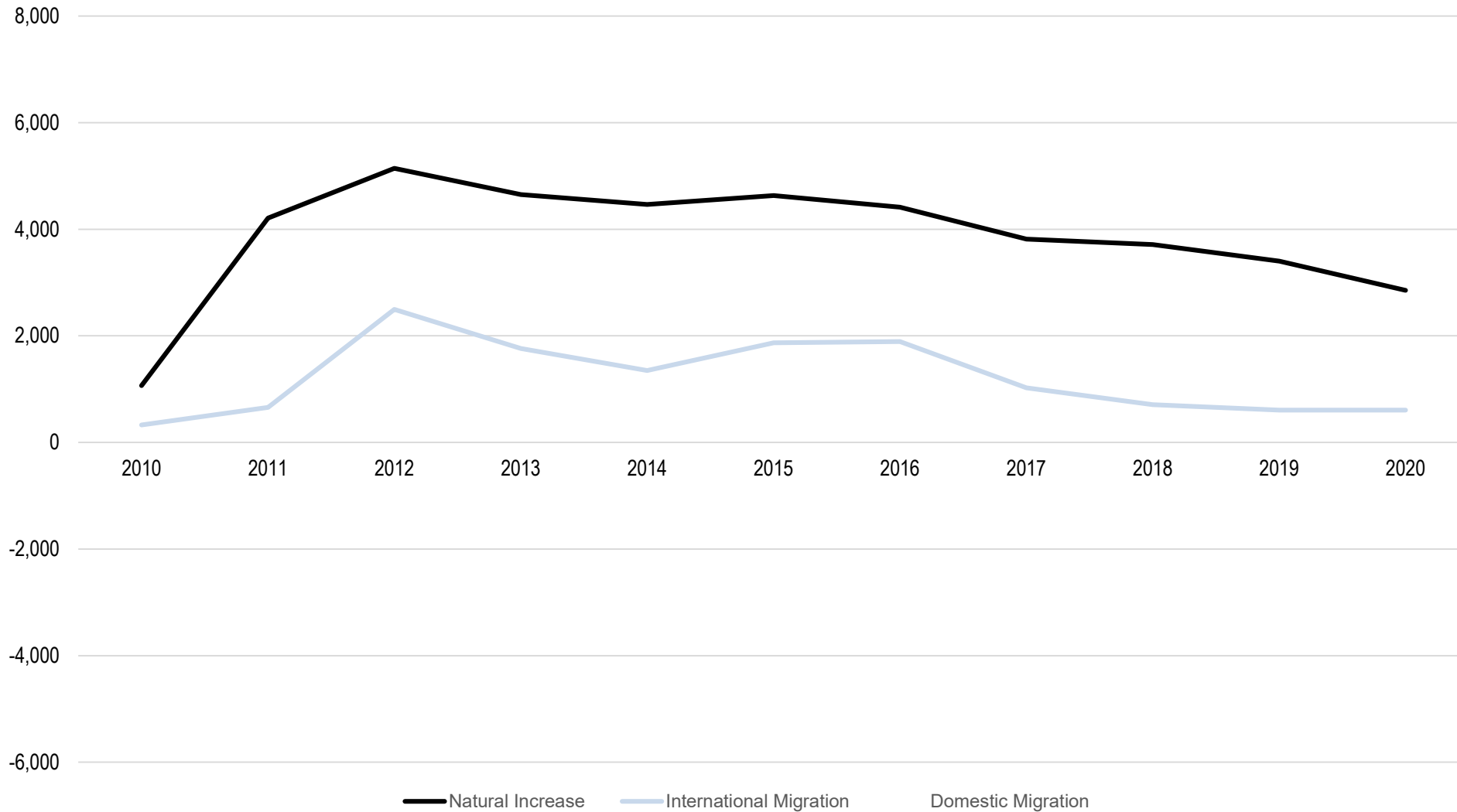
Population Growth slows in Coastal Georgia



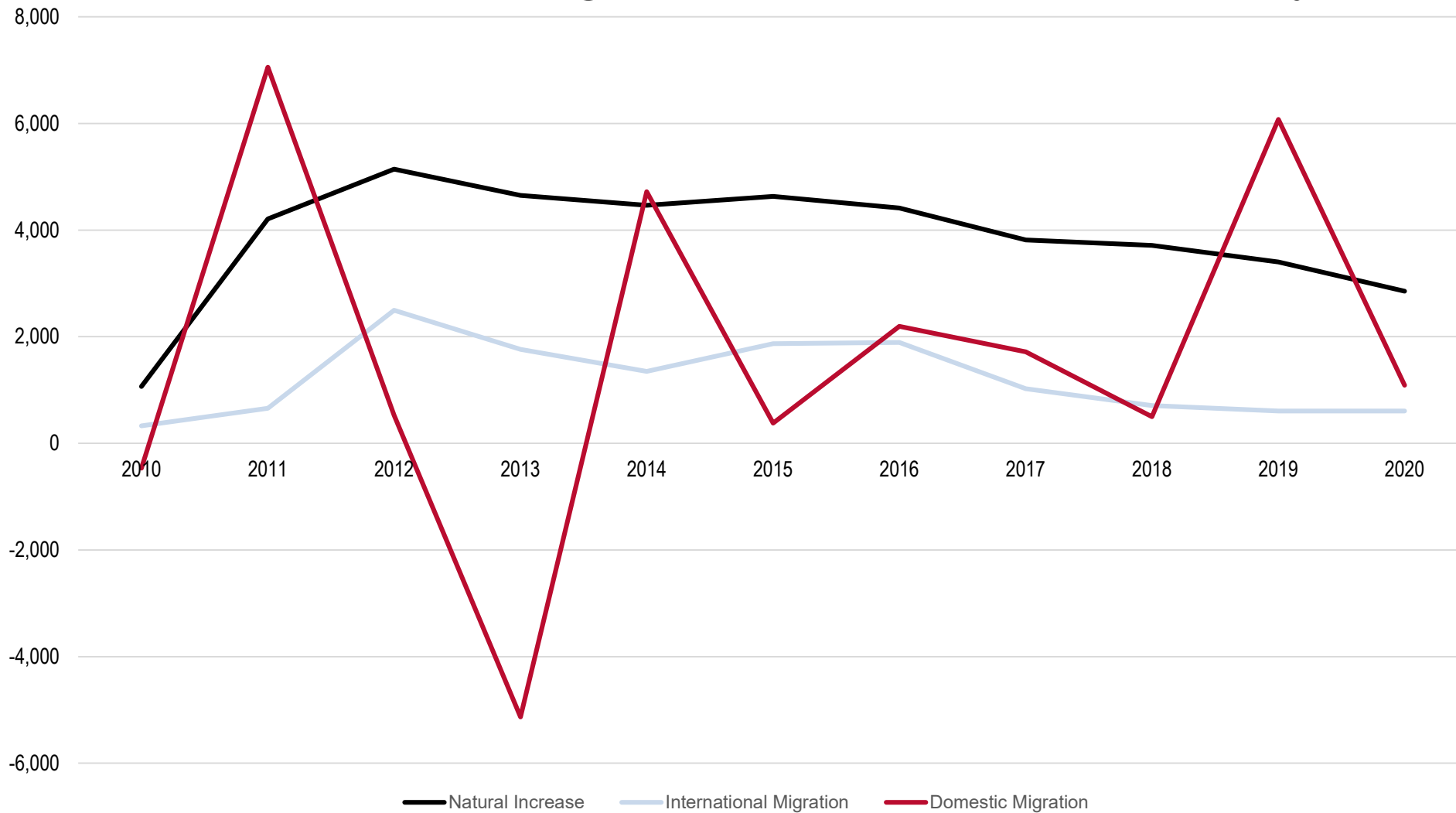
Natural Increase in Coastal Georgia



Natural Increase and Int'l Migration Slows



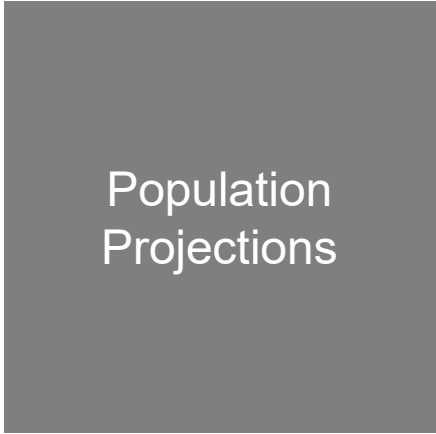
Domestic Migration Varies Annually



Population Projections

Methodology





Latest Population Estimate

t_3

Future

t_4



Population Change = Births – Deaths

Population Change = Births – Deaths + Migration

Population Change = Births – Deaths + Migration

Population Projection = Fertility Rate – Mortality Rate + Net Migration Rate + Group Quarters



Components

- Births
- Deaths
- Migration

Cohorts

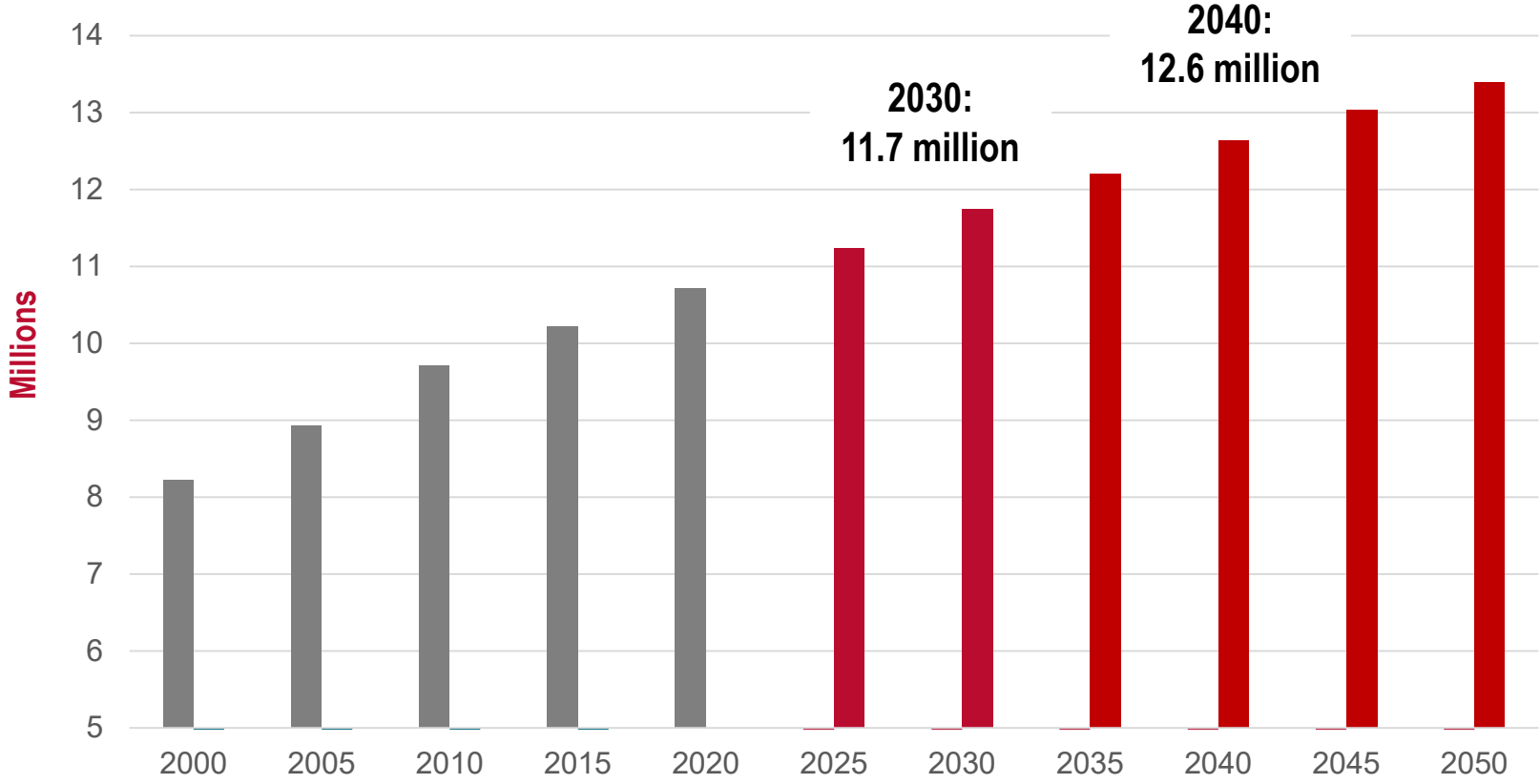
- Race (4)
- Sex (2)
- Age (86)

Geography

- County (159)



Georgia's Projected Population through 2050



Summary

- Georgia among fastest and largest growing population in the US
- Coastal Georgia among the fastest growing regions in Georgia
 - Population growth has slowed in both
 - Aging Population
- Migration is an important component of Georgia's population growth
 - Highly variable in Coastal Georgia counties over past decade



Questions or Discussion

TAYLOR HAFLEY

Applied Demographer

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Questions Submitted in Advance

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2. Tourists and day trippers into our coastal region throughout the year certainly have an impact on water demand. How is that impact considered?

