Warning: Gale Force Demographic Wind Gusts Ahead!





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Overview

North Carolina's Population Boom

Demographic Winners & Losers

Seven Gale Force Wind Gusts

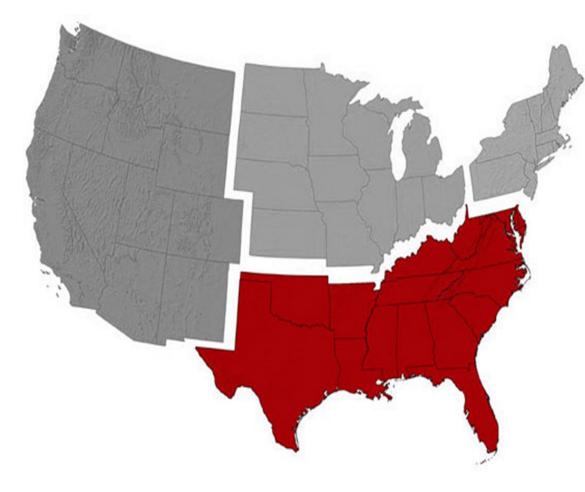
Key Takeaways

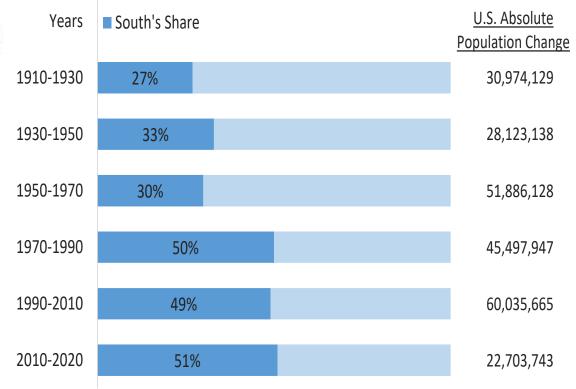
Discussion

North Carolina's Population Boom

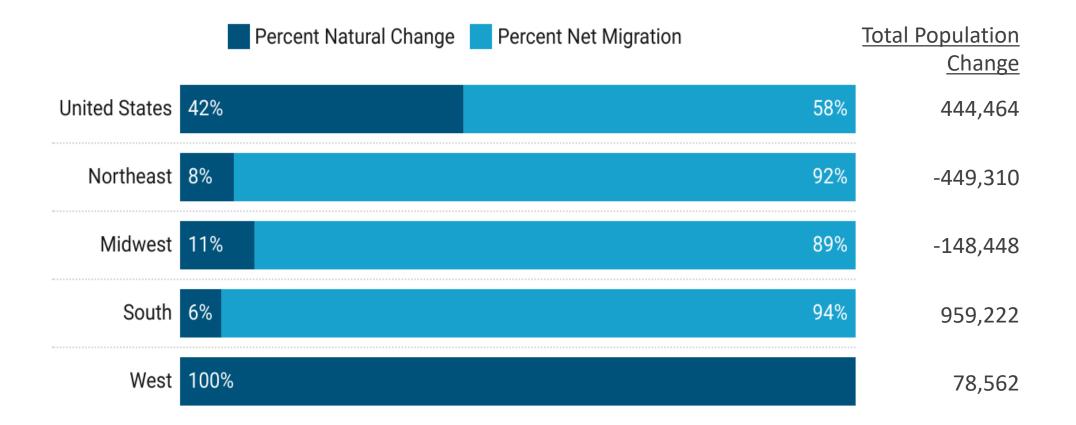
All that and a bag of chips plus dip!

The South's Share of U.S. Net Population Growth 1910-2020

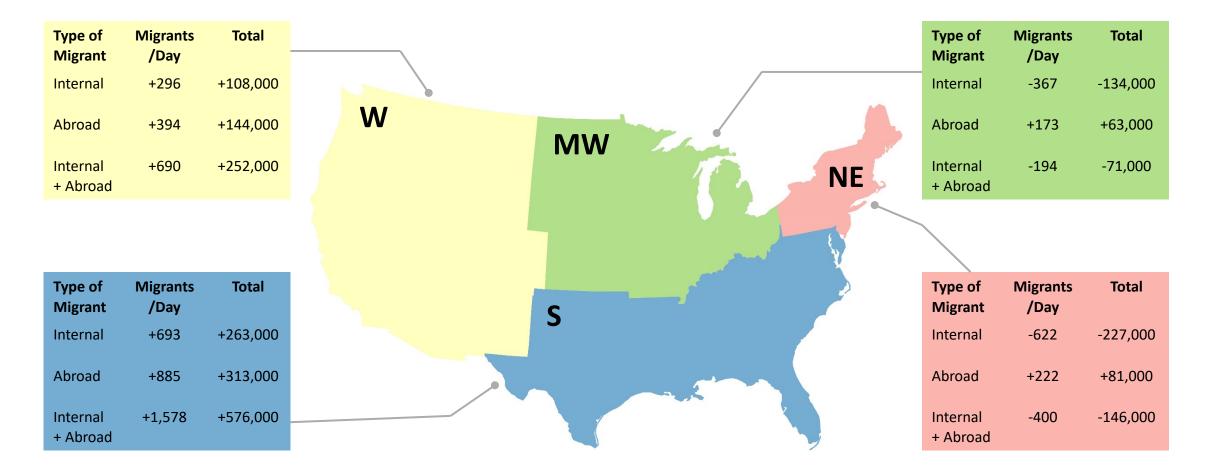




Components of Population Change, April 1, 2020 to July 1, 2021

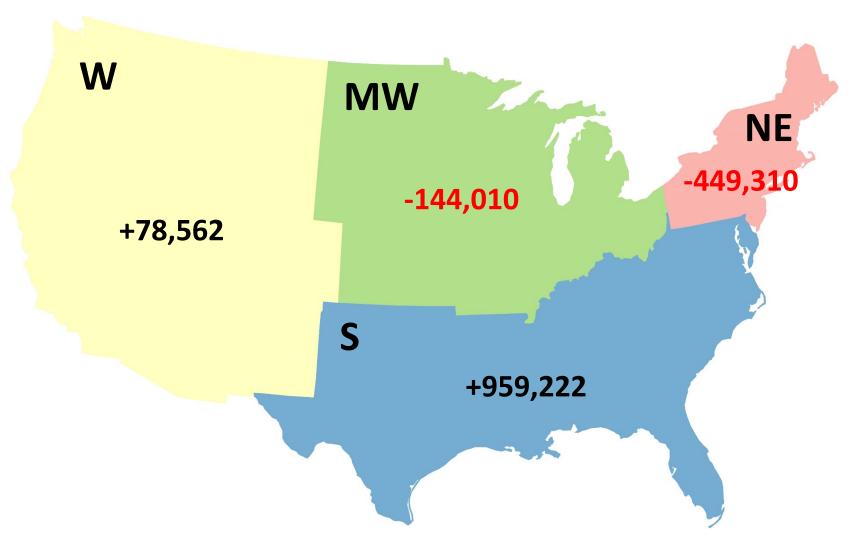


Net Migration by Region, United States, April 1, 2020 – April 1, 2021



Source: CPS Historical Migration/Geographic Mobility Tables (November, 2021)

Cumulative Population Change by Region, April 1, 2020 to July 1, 2021

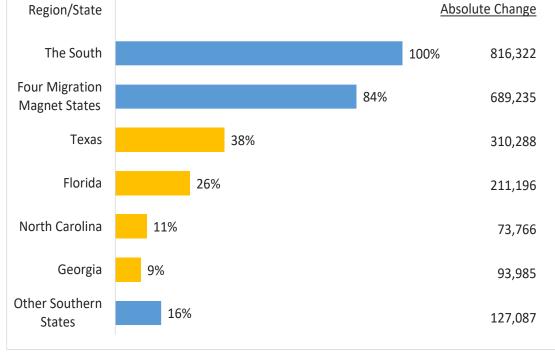


State Shares of South's Net Growth

Region/State Absolute Change The South 100% 11,710,363 **Five Migration** 79% 9,295,350 Magnet States Texas 34% 3,999,944 Florida 23% 2,736,877 Georgia 9% 1,024,255 North Carolina 8% 903,905 Virginia 5% 630,369 Other Southern 21% 2,415,013 States

2010-2020

State



2020-2021

North Carolina Population Change, 1990-2020

Census Period	Absolute Change	Percent Change
1990-2000	1,420,676	21.4
2000-2010	1,486,170	18.5
2010-2020	903,905	9.5
1990-2020	3,810,751	59.2

Top 10 Net Exporters and Net Importers of Population, U.S. States,

		Net Exporters		Net Importers		
<u>Absolute</u> <u>Number</u>		Migrants/Day	<u>State</u>	Migrants/Day		<u>Absolute</u> <u>Number</u>
-167,328	-458	<i>********</i> ****	New York			
-144,343	-395	t **** ****	Illinois			
-137,895	-378	<i>**</i> ****	California			
-72,855	-200	t m mm	New Jersey			
-29,376	-80	11	Louisiana			
-26,734	-73	ŤŤ	Massachusetts			
-20,140	-55	Ť.Ť	Hawaii			
-18,246	-50	Ť.Ť	Maryland			
-15,646	-43	1	Connecticut			
-13,506	-37	*	Kansas			
			Florida	*****	326	118,890
			Arizona	****	270	98,513
			North Carolina	TTTT	194	70,628
			Washington	****	170	61,974
			Texas	****	157	57,173
			Oregon	TTT	110	40,059
			South Carolina	***	103	37,776
			Tennessee	TTTT TTTT	99	36,244
			Nevada	**	95	34,848
			Colorado	**	89	32,637

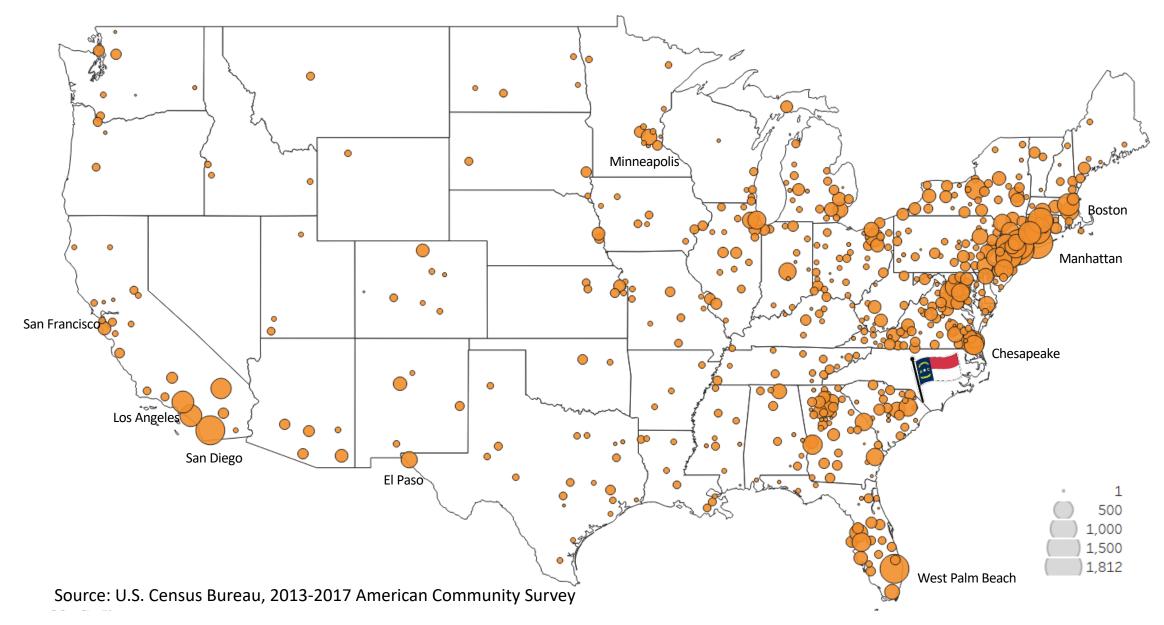
Source: U.S. Census Bureau, 2017 American Community Survey

Net Migration to North Carolina, 2010-2018

Year	Migrants/Day		Absolute Number
2010-2018	****	+151	495,379
2018	*****	+218	79,731
2017	****	+194	70,628
2016	******	+204	74,333
2015	****	+201	73,406
2014	ŤŤŤŤŤ	+103	37,585
2013	***	+79	28,832
2012	****	+94	34,486
2011	****	+110	40,144
2010	***	+154	56,231

Source: American Community Survey, State to State Migration Flows, 2010-2018

Origins of North Carolina Migration Flows, 2013-2017

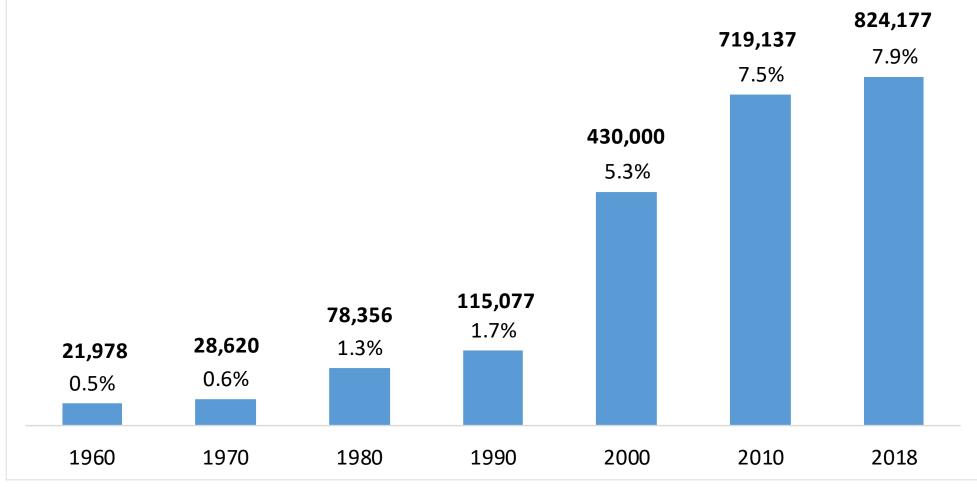


Net Migration Trends By Region and Major Demographic Group, 2017-2021

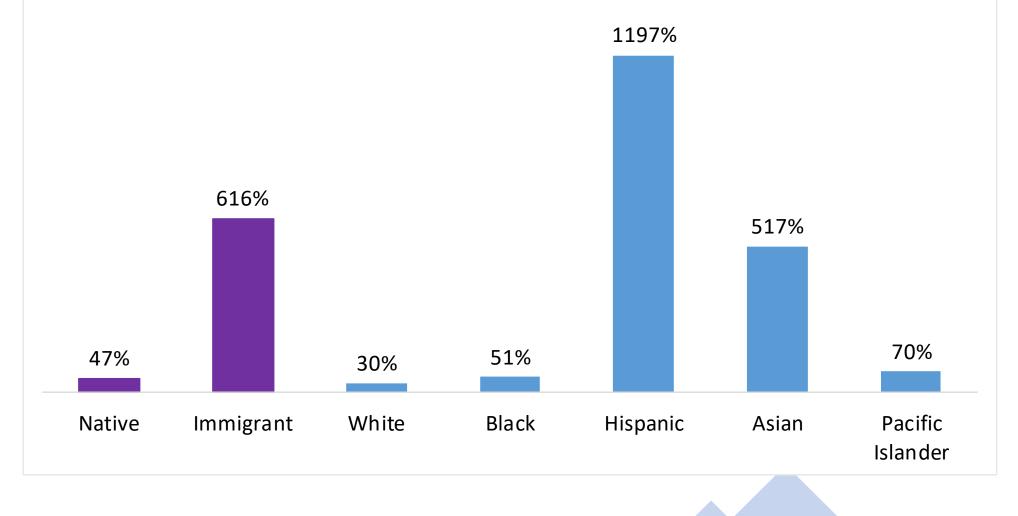
	Northeast	Midwest	South	West
Total	-982	-209	1,398	-206
White	-519	-67	628	-40
Black	-101	-85	271	-85
Asian	-44	-87	141	-9
Hispanic	-270	-62	342	-10
Elderly	-55	-25	26	29
Native born	-783	-141	961	-206
Foreign born	-200	-69	269	0
(numbers	in thousands)	= Net Import	= Net Export	

Source: U.S. Census, Geographical Mobility, Annual Profile, 2017-2021

North Carolina Foreign Born Population Growth, 1960-2018

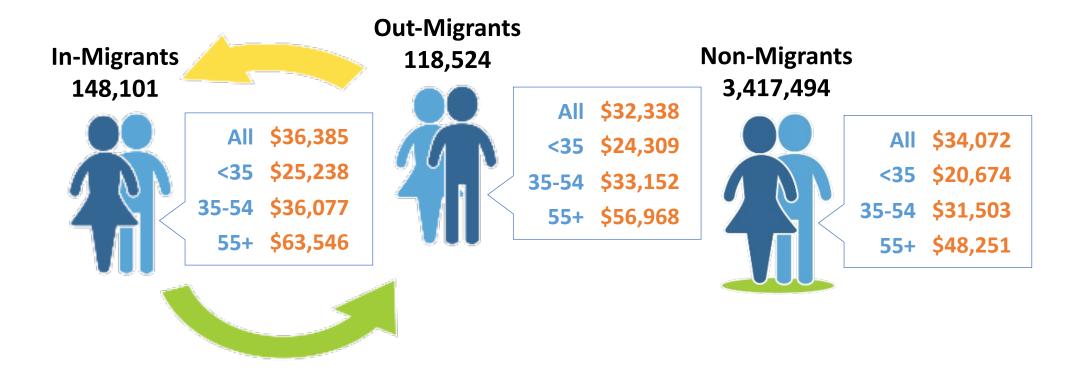


North Carolina Population Growth by Nativity, Race, and Ethnicity, 1990-2018



Per Capita Adjusted Gross Income (AGI) of

North Carolina In-Migrants, Out-Migrants and Non-Migrants by Age, 2017-2018

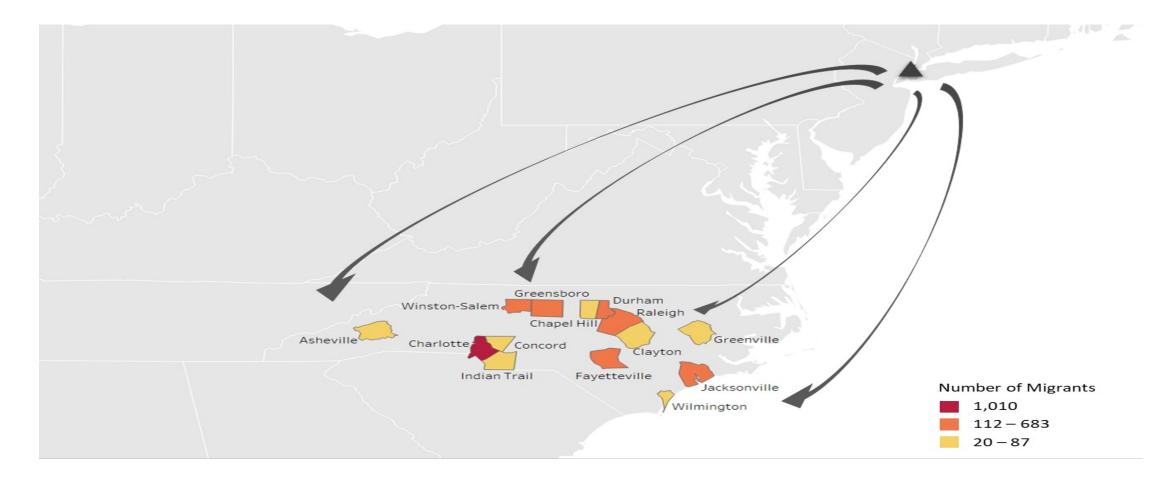


Demographic Winners & Losers

North Carolina's Growth Magnets, 2010-2020

County		Percent of	f Growth (N	et Growth: 903	3,965)
Wake	228,417	47%			
Mecklenburg	195,854				
Durham	57,246		64%		
Guilford	52,893				
Cabarrus	47,793			84%	
Johnston	47,121				
Union	36,975				
Forsyth	31,920				95%
Buncombe	31,134				
Brunswick	29,262				
Iredell	27,256				
Onslow	26,804				
New Hanover	23,035				
Gaston	21,857				
Alamance	20,284				

New York City, NY - Out Migration Fields in North Carolina, 2017-2018



Source: IRS Migration File

Pandemic Refugees Driving NC Growth

- "...wow, do we need affordable housing...with people fleeing the city, every house that's for sale [in this community] is gone. They're [outsiders] are buying these houses sight unseen; they're coming here. They don't even go in the home; they're buying them online, and they're fleeing the city. I've got people from New York, Pennsylvania, Tennessee, Florida. They're all coming here. There's no affordable housing. That was a problem before the pandemic, now it is a real problem" (western NC key informant).
- "We had a billion dollars—one billion dollars in residential real estate sales in the high-country region for the year 2020. A lot of those folks are relocating from Charlotte, Raleigh, Atlanta, wherever they come from, driving up the property values as well as they come, to the point that any parcel that we could have ever thought about for some sort of [affordable] housing project is so astronomically priced now that it makes it not cost effective."

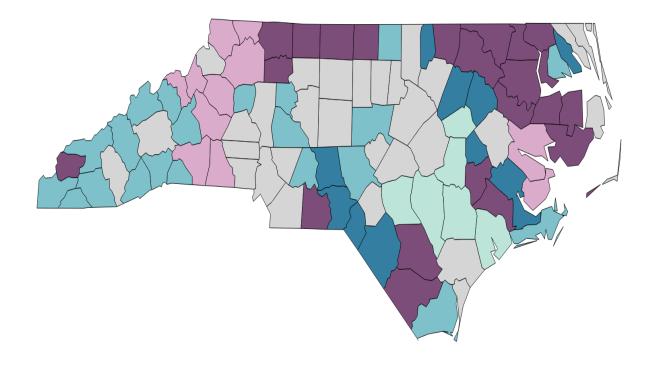
He concluded,

 "So, while in the short-term we've got some economic flow in our county, if you were a real estate agent or a construction worker you were doing ok. But long-term, that's just going to make a hard issue [affordable housing] even worse" (another western NC key informant).

Pandemic Refugees Driving Growth

• "What I've seen...our population changed. We're a population of 17,800 people...but...we're eight golf courses and two ski resorts. So, all these people that are normally not here chose to flee the city and come to their homes in the mountains [during the pandemic]. So, our population is probably 27,000 people. And that did put a strain ...on services that the county provided" (western NC key informant)

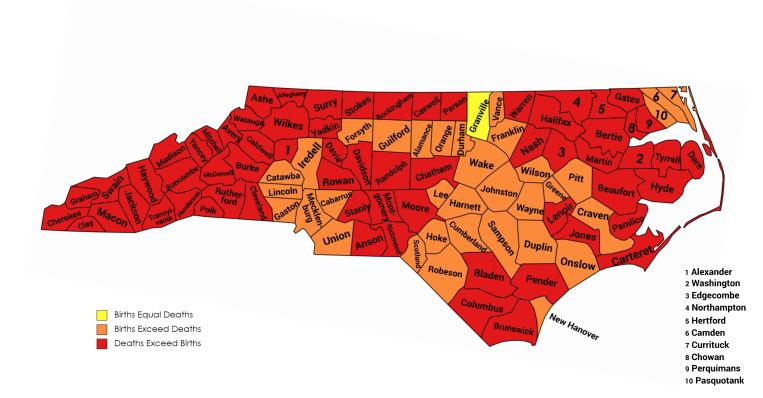
Demographic Change Typology, North Carolina Counties, 2010-2019



- Balanced Growth
- Natural Growth
- Migration Magnet
- Emptying Out
- Biologically Declining

Dying

North Carolina Vital Statistics, Total Population, 2019





Wilson County, NC

Demographic Indicators

Absolute & Percent Population Change, 2010-2020

Area	2020 Population	Absolute Population Change, 2010-2020	Percent Population Change, 2010-2020
United States	331,499,281	22,703,743	7.4
South	126,266,107	11,710,363	10.2
North Carolina	10,439,388	903,905	9.5
Wilson County	78,734	-2,450	-3.0

Components of Population Change, 2010-2019

Area	Total Population Change	Natural Change	Net Migration
North			
Carolina	952,333	307,836	639,170
Wilson County	577	973	-334

Source of Net Migration 2010-2019

Area	Total Net Migration	International Net Migration	Domestic Net Migration
North			
Carolina	639,170	163,662	475,508
Wilson			
County	-334	689	-1,023

Absolute & Percent Population Change By Race/Ethnicity, Wilson County, 2010-2020

Race/Ethnicity	2020 Population	Absolute Population Change, 2010– 2020	Percent Population Change, 2010-2020
All Races	78,734	-2,450	-3.0
White	36,106	-4,051	-10.1
Black	29,842	-1,620	-5.1
Hispanic	9,024	+1,300	+16.8

Absolute and Percent Population Change by Age, 2010-2019

Age	United States	Wilson County
All Ages	19,493,985 (6.3%)	201 (0.2%)
<25	-1,512,600 (-1.4%)	-1,227 (-4.5%)
25-44	5,358,766 (6.5%)	-1,109 (-5.5%)
45-64	1,841,775 (2.3%)	-175 (-0.8%)
65+	13,806,044 (34.3%)	2,712 (23.5%)

Median Age for Females and Fertility Rates Wilson County, 2019

		Fertility/1000
Demographic Group	Median Age	women*
All Females	41.9	43
White, Not Hispanic	49.0	28
Black	40.1	62
American Indian & Alaskan Native	NA	NA
Asian	39.9	NA
Native Hawaiian & Pacific Islander	NA	NA
Some other race	25.6	NA
Two or more races	14.2	NA
Hispanic	21.5	NA
Native Born	42.5	NA
Foreign Born	40.6	NA

Source: www.census.gov

*Women 15 to 50 with births in past 12 months.

Net Migration Flows, Wilson County, 2018-2019

Origin	In Flow	Out Flow	Net Flow	
Total Migration	1,617	1,596	21	
Same State	1,177	1,186	-9	
Different State	440	410	30	
Northeast	88	63	25	
Midwest	48	47	1	
South	248	250	-2	
West	56	50	6	

Difference in Adjusted Per-Capita Income, Wilson County In- and Out-Migrants, 2018-2019

Origin	In Flow	Out Flow	Difference (In Flow – Out Flow)
Total Migration	\$20,974	\$22,453	-\$1,479
Same State	\$19,410	\$21,725	-\$2,315
Different State	\$25,528	\$24,651	+\$ 877
Northeast	\$29,609	\$25,351	+\$4,258
Midwest	\$28,822	\$21,943	+\$6,897
South	\$24,091	\$24,931	-\$ 840
West	\$22,288	\$25,500	-\$3,212

Demographic Weather Alert!

• Current worker shortages as the nation and NC attempt to rebound from the pandemic-induced economic recession merely represents the eye of the impending demographic storm.



U.S. & N.C. Gale Force Demographic Wind Gusts

Slowing Total and Foreign-born population growth & White Population Loss

Below Replacement Level fertility

Deaths of Despair & Declining life expectancy

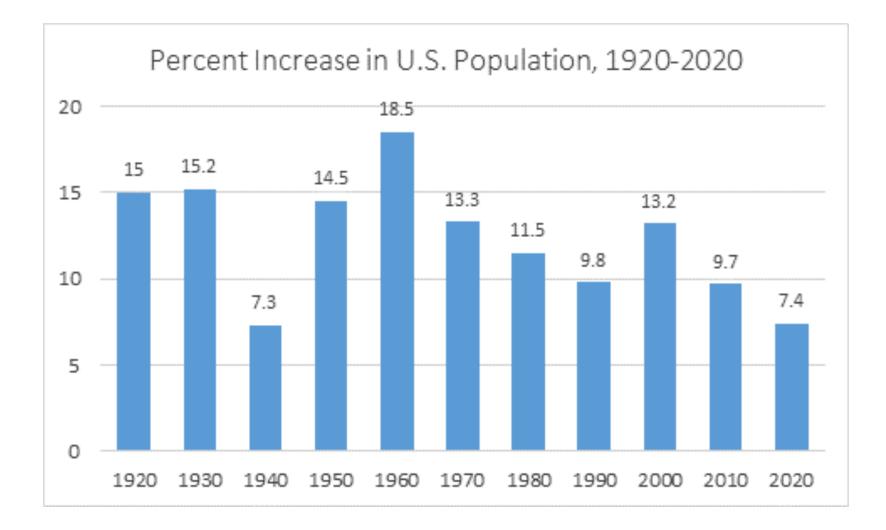
Involuntary Retirements of 55 and older population

Declining female labor force participation.



Slowing Total Population Growth

Gale Force Wind Gust #1



Absolute & Percent Change in Total Population, U.S. & N.C., 1990-2020

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United States			North Carolina		
Census Period	Absolute Change	Percent Change		Absolute Change	Percent Change
1990-2000	32,712,033	13.2	1990-2000	1,420,676	21.4
2000-2010	27,323,632	9.7	2000-2010	1,486,170	18.5
2010-2020	22,703,743	7.4	2010-2020	903,905	9.5

North Carolina

Slowing Foreign-Born Population Growth

Gale Force Wind Gust # 2

Foreign Born Population Change, U.S. & N.C., 1990-2019

United States

North Carolina

Census Period	Absolute Change	Percent Change	Census Period	Absolute Change	Percent Change
1990-2000	11,340,573	57.4	<mark>1990-2000</mark>	314,923	273.7
2000-2010	7,567,123	24.3	2000-2010	289,646	67.3
2010-2019	5,336,858	13.7	2010-2019	164,985	22.9
2016-2019 (Trump Years)	1,193,556	2.7	2016-2019 (Trump Years)	94,993	12.0

White Population Decline

Gale Force Wind Gust #3

Absolute & Percent White Population Change, U.S. & N.C., 1990-2020

North Carolina

United State	5			a	
	Absolute Change	Percent Change	Census Period	Absolute Change	Percent Change
1990-2000	6,424,478	3.4	<mark>1990-2000</mark>	676,028	13.5
2000-2010	2,264,778	1.2	2000-2010	576,840	10.2
2010-2020	-5,119,905	-2.6	2010-2020	88,153	1.4

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Non-Hispanic White Shares of Net Population Growth, 1990-2020



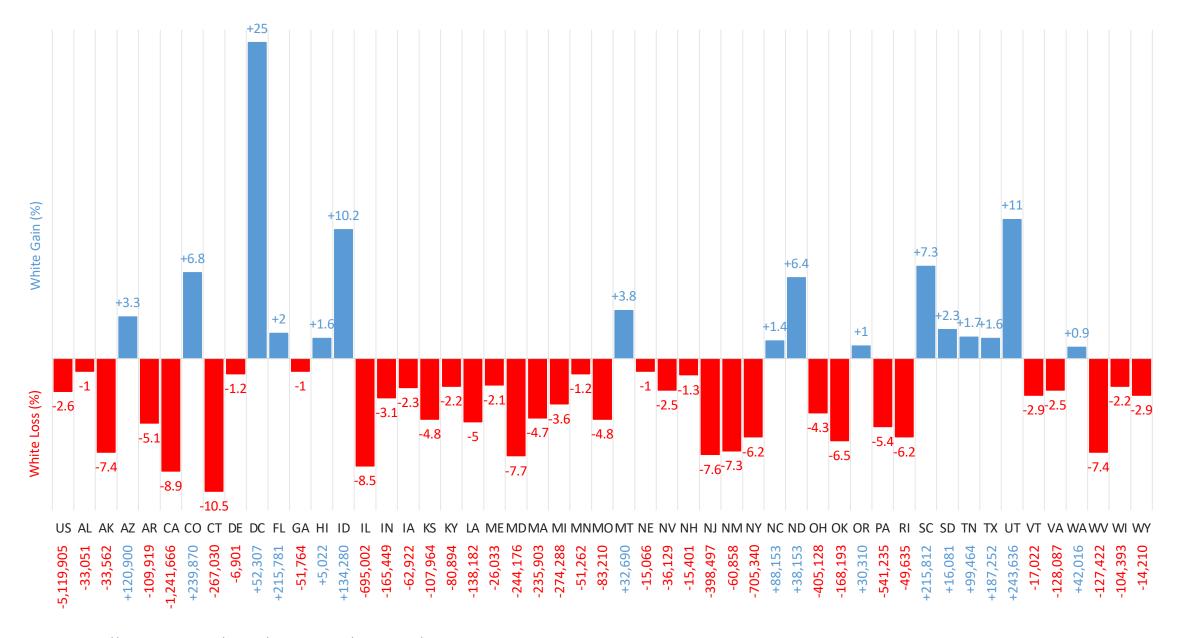
Declining Shares of Net Growth

Decade	Share of Net Growth
1990-2000	19.6
2000-2010	8.2
2010-2020	0.0

Absolute & Percent Change in U.S. White Population by Region, 2010-2020

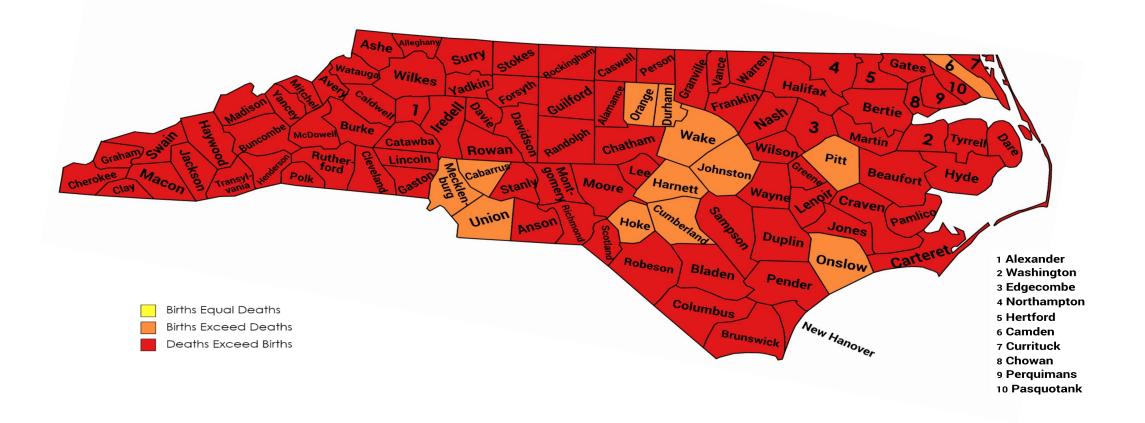
Area	2020 White Population	Absolute Change in White Population 2010-2020	Percent Change in White Population 2010-2020
United States	196,697,647	-5,119,905	-2.6
Northeast	35,752,998	-2,255,096	-5.9
Midwest	50,082,552	-2,014,081	-3.9
South	65,754,358	-1,229,817	-1.8
West	37,468,662	-537,701	-1.4

States Losing and Gaining White Population, 2010-2020



Source: https://www.census.gov/library/visualizations/interactive/race-and-ethnicity-in-the-united-state-2010-and-2020-census.html

North Carolina Vital Statistics, White Population, 2019



Declining Fertility

Gale Force Wind Gust #4

Total Fertility Rate in the United States in 2019, by Ethnicity of Mother

Race/Ethnicity	Total Fertility Rate
All	1.7
Native Hawaiian/Other Pacific Islander	2.2
Hispanic	1.9
Black (non-Hispanic)	1.8
American Indian/Alaskan Native	1.6
White (non-Hispanic)	1.6
Asian	1.5

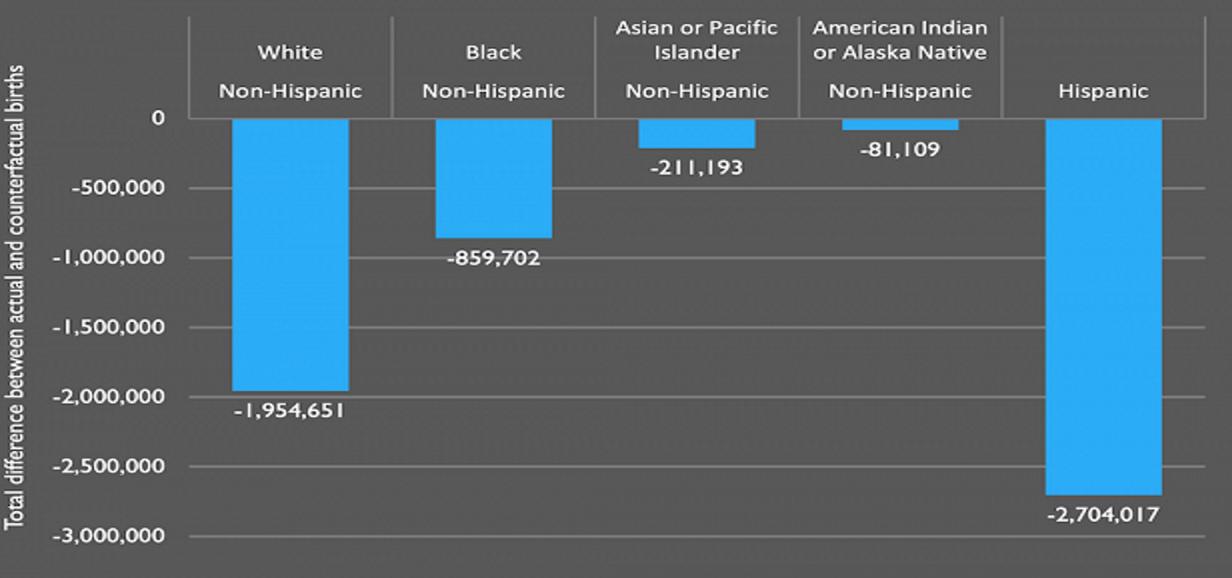
Key Drivers of Fertility Declines Increasing Labor Force Participation & Career Orientation of Women

Women having fewer children

Some women opting not to have children voluntary childlessness.

Women aging out of the childbearing years

Figure 1: Difference Between Actual Births and Births if 2008 Fertility Rates Had Persisted, 2009-2019



Source: CDC WONDER data, author's calculations

Family Studies

Deaths of Despair

Gale Force Wind Gust #5



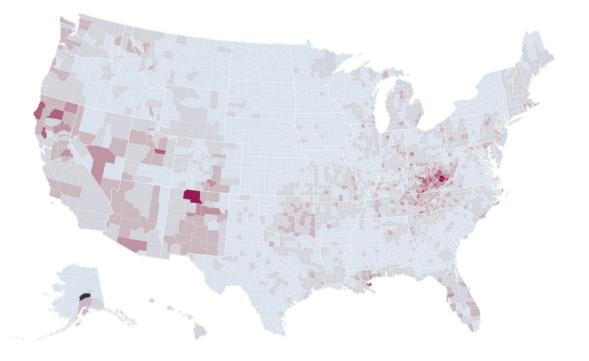
Deaths of Despair & Declining Life Expectancy

Suicide, alcohol, drug, and coronavirus-related deaths creating a demographic depression

Drug overdose deaths per 100,000: 0-4 4.1-8 8.1-12 12.1-16 16.1-20 >20

The Drug Overdose Crisis in 1999





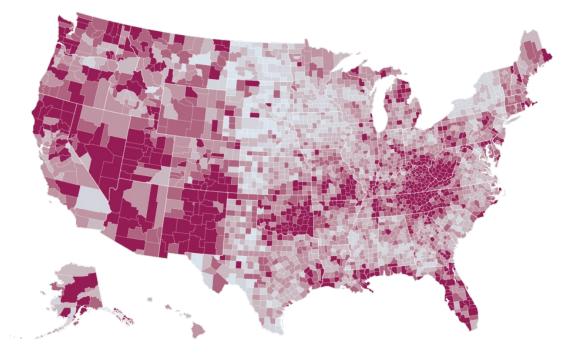
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Drug overdose deaths per 100,000:

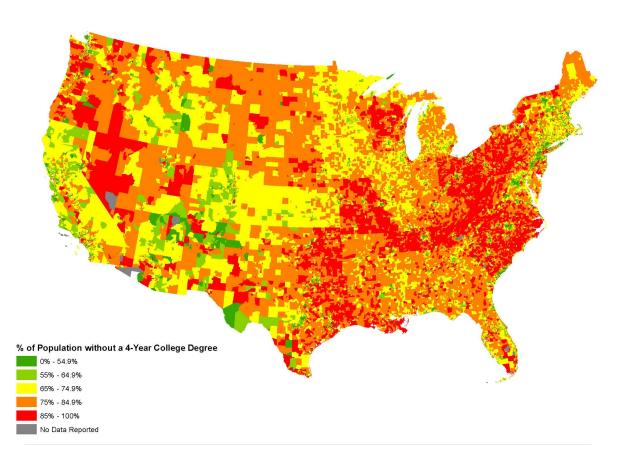
0-4 4.1-8 8.1-12 12.1-16 16.1-20 >20

The Drug Overdose Crisis in 2014





Population Experiencing a Demographic Depression



Deaths of Despair

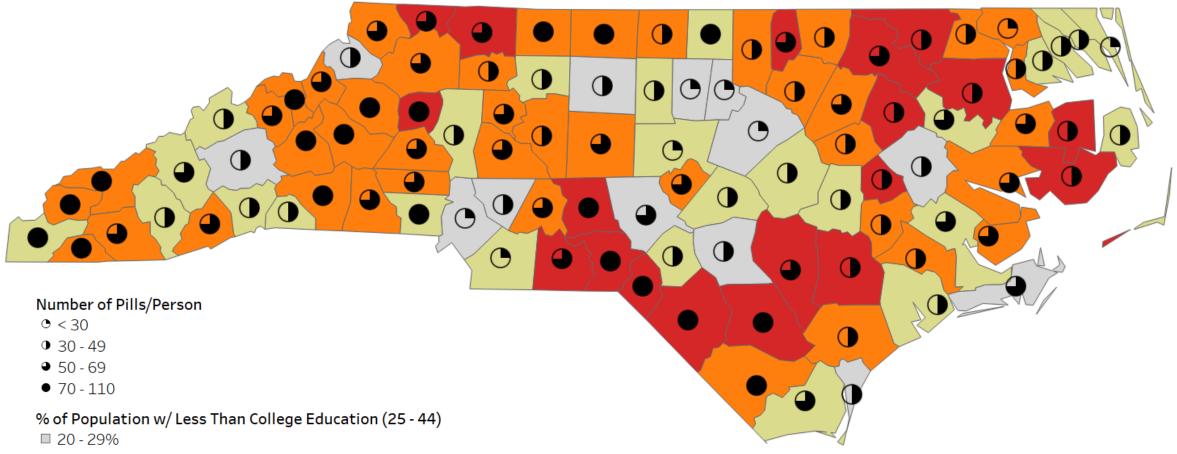
In 2017 alone, there were 158,000 deaths of despair in the U.S., the equivalent of three fully loaded Boeing 737 Max jets falling out of the sky every day for a year (Karma, 2020).

North Carolina Opioid Statistics, 2018



Opioid Pills Dispensed Per Capita by County, 2018

(The State: 43 Pills/Person)



- **30 39%**
- 40 49%
- **50%** +

Complicating Matters

Coronavirus Pandemic

Reduced Life Expectancy Due to Covid-19 Pandemic



Group	Years Shortened	Life Expectancy at Birth
All Races	1.13 years	77.48
Blacks	2.10 years	72.78
Latinos	3.05 years	78.77
Whites	0.68 years	77.84

Drug Overdose Deaths Soar During the Pandemic

• CDC data indicate there were 90,000 drug overdose deaths in 2020, representing a 21,000 or 30% increase over the 2019 death toll.

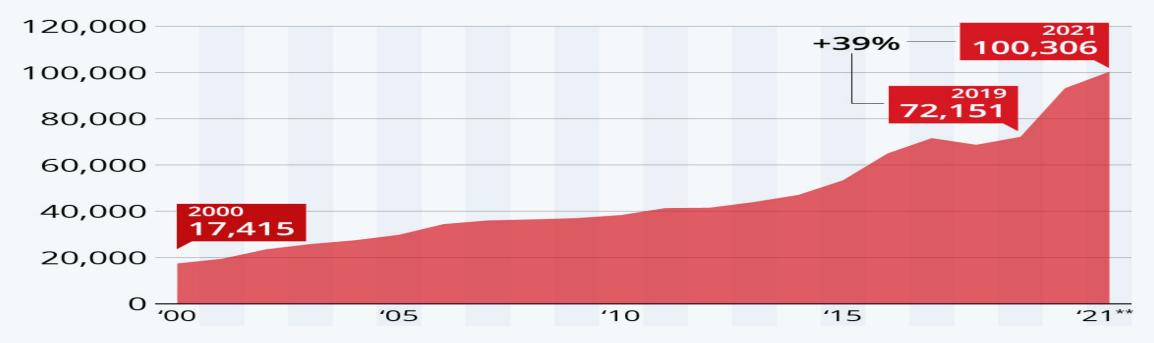
• Commenting on these recently released statistics, a Stanford University expert on addiction and drug policy is quoted as saying,

It's terrifying. It's the biggest increase in overdose deaths in the history of the United States, it's the worst overdose crisis in the history of the United States, and we're not making progress. It's really overwhelming.

- For far too many individuals struggling with drug addiction, the pandemic-induced forced isolation combined with the shutdown of in-person drug treatment and counseling services proved to be deadly.
- According to the CDC the 2020 causalities brings the total to more than 900,000 overdose deaths since the U.S. drug epidemic began in the late 1990s.

U.S. Drug Overdose Deaths Spike Amid the Pandemic

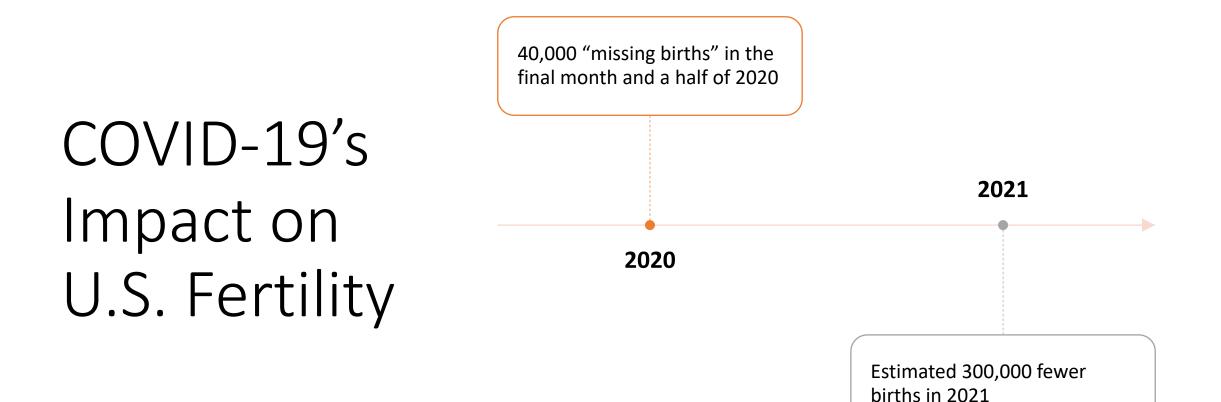
Number of drug overdose deaths in the United States*



* Estimates for 2020 and 2021 are based on provisional data.
 ** 2021 estimate refers to 12-month period ending April 2021
 Source: Centers for Disease Control and Prevention







Children's Lives Upended by "Orphanhood"

•*COVID-19 Drove an estimated 15% increase in Orphaned Children*

COVID-19 Deaths	Number of Children Orphaned
Primary Caregiver	122,000
Secondary Caregiver	22,000

Orphanhood Cont'd



Up to 5 Million Children Have Lost Parents During the Pandemic. Here's How They've Coped



Ebony James, 50, poses with Adin, 8, and Madison, 16, at home in Fresno, Texas. In February, her husband, Terrence James, died from COVID-19 related illness. Calaghan O'Hare for TIME By <u>Jeffrey Kluger</u> November 1, 2021 12:54 PM EDT



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THE NATIONAL COVID MEMORIAL WALL

WORKERS ARE

- NOT

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Declining Female Labor Force Participation& Involuntary Retirements

Gale Force Wind Gusts #6 & #7

Declining Female Labor Force Participation & Involuntary Retirements

Women's COVID-19 Burden

"And no offense to all the guys on this [Zoom], but it's [the pandemic] really been detrimental to women. The majority of the burden has been placed on not only the schooling, the childcare, the nutrition—it's a lot. I've seen women cry just like, 'I'm just so tired I don't know what to do" (Western NC key informant)



COVID-19 Causalities

1.7 million workers 55 and older reportedly forced into involuntary retirement (Davis, et al, 2021).

Black workers without a college degree were more likely than other groups to involuntarily retire during the pandemic.

Involuntary retirees' median savings of \$9,000.00.

COVID-19 reportedly has forced more than 2 million women out of the workforce (Barry & Gupta, 2021).

Invisible Overtime: Making Matters Worse

"One in 5 workers are balancing paid work with parttime care duties, putting them at heightened risk of resigning..."(Lerner, 2022).



Key Takeaways

Addressing the Demographic Gale Force Wind Gusts



Annual Change in U.S. Resident Population 1.6% 1.4% Annual Change in Population Annual/Projected Change in Population 1.2% 1.0% 0.8% 0.6% 0.4% 0.2% 0.0%

NOTES: The actual change in population is as of Dec. 22. The projected change is as of April 16 and displays the actual change from 1970 through 2019.

SOURCES: Census Bureau and Haver Analytics.

Federal Reserve Bank of St. Louis

Recommendations for Action and Advocacy

Audit enterprises to ensure they inclusive and equitable places to work demonstrated commitment to reputational equity. Reform immigration laws in ways that reflect the critical role that immigrants must play in our economy and society more generally moving forward given slowing total population growth, white population losses, declining fertility, aging, and crisis-induced premature deaths of prime-working age individuals.

Encourage family-friendly business policies that support women having children and allow them the flexibility to provide and care for their offspring. Women—as both employees and leaders—are key to the future viability of U.S. business enterprises.

Attack the childcare crisis head on by seeding NC's expansive childcare deserts with accessible, high quality, and affordable day care and equipping facility owners and operators with strong business acumen. Direct resources to address the root causes of deaths of despair and the racially disparate impact of the COVID-19 pandemic. We can no longer afford to continue to lose members of the primeworking age demographic to premature deaths. They make up the next generation of talent that must propel our nation in the hyper-competitive global economy.

Create encore entrepreneurship and workforce development training programs that provide pathways of re-entry into the post-pandemic economy for the 55+ population of involuntary retirees.

Moving Forward

Strategies for Inclusive & Equitable Development in Wilson County, NC

Does Your Community Have Reputational Equity?

> The Johnson & Bonds Reputational Equity Checklist

What is Reputational Equity?

"A demonstrated commitment to dismantling all forms of "Isms" and "Phobias" that manifest at multiple levels in society. Cities striving to achieve reputational equity embrace the social determinants of health at the individual or group level and the triple bottom line principles of sustainability at the organizational and community levels to ensure future viability, cohesiveness, resiliency, and prosperity" (Johnson and Bonds, 2021).



Economic Instability

Substandard Housing

FORECLOSURE

The conditions where you live, work and play impact your health outcomes.

For details on the strategies, go to:

 $\label{eq:HealthCareValueHub.org/social-determinants-of-health} Health CareValueHub.org/social-determinants-of-health}$

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Public Safety

RM

Quality of Education

Inadequate Parks/Playgrounds

SCHOON

Lack of Transportation

Options

Triple Bottom-Line Sustainability Principles



Do no harm to the environment and protect natural resources.

Adhere to principles of social justice and equity in economic and community development efforts.

2

3

Return strong shareholder/stakeholder value.

Reputational Checklist Domains

Intervention Domain	Strategies, Policies, Tactics, Procedures & Practices
Organization Culture, Climate & Core Operating Principles	 Unlearning old ways of "thinking" & "doing" Entrepreneurial mindset Unwavering commitment to innovation Collaborative engagement of key stakeholders Disciplined execution of strategy Promotes environmental & climate justice Welcomes courageous conversations & confrontations Engages in courageous listening Equity performance indicators & metrics Transparency in reporting (Equity Scorecard) Maintains commitment to equity in times of crisis
Infrastructure Development & Redevelopment	 Walkable & age friendly YIMBY Zoning Legacy pollutant free public spaces Brownfield redevelopment Green space Porous paving & complete street ordinances Affordable housing preservation strategies

Reputational Checklist Cont'd

Intervention Domain	Strategies. Policies, Tactics, Procedures, & Practices
Business Development & Retention	 Worker cooperatives & employee-owned businesses Commitment to supplier diversity in contracting & procurement Recruits tiple bottom line sustainable businesses Makers' spaces strategically positioned throughout the jurisdiction Accelerates capacity building and financial technical assistance for businesses
Workforce Development & Retention	 Strives to expand the talent base by avoiding the "just like me syndrome" Eliminates barriers to employment Local and target areas hiring ordinances Pays Living Wages Embraces flexibility Empathy & Compassion

Reputational Checklist Cont'd

Intervention Domain	Strategies. Policies, Tactics, Procedures, & Practices
Community Stabilization	 Just cause eviction policies Rent stabilization Relocation protections Right of return policies Proactive code enforcement Community Benefit Agreements
Investment & Finance	 Public mitigation funding for small businesses impacted by infrastructure improvements Low-cost capital for businesses in commercial districts experiencing rapid change & potential displacement Financial assistance for renters displaced by development Equitable Development Venture Fund(s) and new investments to support business & residential development Innovative financial solutions



Inclusive & Equitable Development

Approaches, Policies, & Tools

Local Government as an Engine of Opportunity

Potential to serve as a model employer

Dismantle Barriers to Economic Participation

Enact policies, procedures & practices that promote equity, inclusion, and shared prosperity

Expand services to support workers & job seekers

Economic Inclusion & Equitable Development Tools



Inclusive & Equitable Workforce Development Tools Community Workforce Agreements

Inclusive Hiring Policies

Target Area Hiring Policies

Local Hire Ordinances

Community Benefit Agreements

Workforce Training Agreements

Project Labor Agreements

"Ban the Box" Ordinances

YIMBY zoning policies

Community Stabilizatio n Policies

Just cause eviction policies

Rent stabilization

Relocation protections & financial assistance for renters displaced by development

Affordable housing preservation strategies

Right of return policies

Proactive code enforcement

Commercial Stabilization Policies

Public mitigation funding for small businesses impacted by infrastructure improvements Technical assistance programs & access to lowcost capital for businesses in commercial districts experiencing rapid change. Our Whole Community Health Initiative **Community Land Trusts**

Child Care Business Accelerator

"Sick" School Building Initiative

Native CDFI

Minority Entrepreneurship & Small Business Ecosystems

Entrepreneurial & Small Business Ecosystem Framework

Entrepreneurial Orientation & Commitment

- Civic entrepreneurial culture
- Grow from within mentality & regulatory structure
- Innovation, Risk Taking & Failure Tolerance
- Life cycle model of small business development
- Inclusive contracting & procurement (government & anchor employers)

Entrepreneurial Actors & Advocates

- Start-up Pitch Competitions, Reverse Pitch Competitions, Innovation Challenges, Hackathons
- Support & mentoring services
- Makerspaces & Hackerspaces
- Incubators & Co-working Spaces
- Networking & Accelerator
 Programs

DIGITAL HUB

Entrepreneurial Resource Providers

- Banks
- Business Angel Networks
- Impact Investors
- Crowdfunding & Peer-to-Peer Lending
- Large Firms
- Universities
- Research & Development Centers
- Innovation Districts

Entrepreneurial Connectors

- Chambers of Commerce
- Professional Associations
- Merchant Associations
- Peer Networks

THE END



