

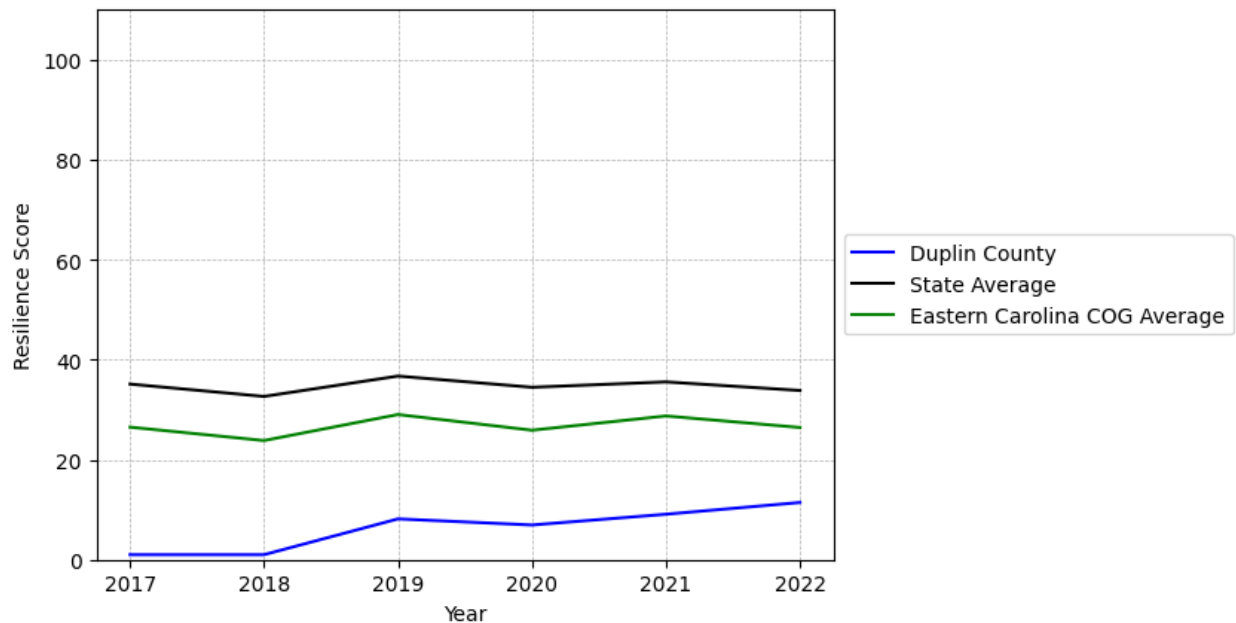
# Duplin County Summary

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## Resilience Score: 11.44

In 2022, Duplin County achieved a Resilience Score of 11.44, which is weak as compared to the North Carolina State average.

**Duplin County's Resilience Score Over Time  
As Compared to the Region and State Averages**



*Note: Resilience Scores are normalized from 1 to 100 with the most resilient county scoring 100. The Resilience Score is determined based on a county's performance relative to NC's other 99 counties.*

Duplin County's Resilience Score is comprised of 9 distinct dimensions of resilience. Below are Duplin County's scores for 2022 on those 9 dimensions, and their rank relative to other North Carolina counties.

### **Business Community Health: 6.62**

This component examines the strength and diversity of the local business community, including factors such as the number of businesses, employment levels, and industry diversity. Duplin County's performance on this dimension is fairly weak when compared to other North Carolina counties, ranking 82nd in the state.

Notable variables for Duplin County within this dimension include:

<b>VARIABLE STRENGTH</b>	<b>FACTOR</b>	<b>DUPLIN COUNTY VALUE</b>	<b>NC COUNTY AVERAGE VALUE</b>
<b>Strongest</b>	Ratio of Available Child Care Slots to Number of Children under Five	0.63	0.59
<b>2nd Strongest</b>	Total Employment Level	19,128	45,758
<b>Weakest</b>	Percentage of Companies in Science, Engineering, & Technology Industries	3.55%	6.13%

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### **County Government Fiscal Strength: 38.49**

This component looks at the financial health of local governments, including their ability to generate revenue, manage debt, and maintain adequate reserves to weather economic downturns. Duplin County's performance on this dimension is average when compared to other North Carolina counties, ranking 58th in the state.

Notable variables for Duplin County within this dimension include:

<b>VARIABLE STRENGTH</b>	<b>FACTOR</b>	<b>DUPLIN COUNTY VALUE</b>	<b>NC COUNTY AVERAGE VALUE</b>
<b>Strongest</b>	Debt Service Ratio of County Government	0.04	0.07
<b>2nd Strongest</b>	Operations Ratio of County Government	1.14	1.11
<b>Weakest</b>	Capital Assets Condition Ratio of County Government	0.43	0.51

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### **Communication: 49.95**

This component assesses the availability and quality of communication infrastructure, such as broadband internet access, which is crucial for businesses and residents to stay connected and resilient during disruptions. Duplin County's performance on this dimension is average when compared to other North Carolina counties, ranking 51st in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
Strongest	Local High-Speed Mobile Data Availability	0.83	0.66
2nd Strongest	In-Vehicle High-Speed Mobile Data Availability	0.45	0.37
Bottom 10 in NC, Weakest	Broadband Availability	0.38	0.6

### Housing & Transportation: 49.85

This component evaluates the accessibility and affordability of housing, as well as the availability of reliable transportation options, which are essential for a resilient workforce and economy. Duplin County's performance on this dimension is average when compared to other North Carolina counties, ranking 69th in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
Strongest	Percentage of People Driving Alone to Work	84.27%	86.36%
2nd Strongest	Ratio of Average Estimated Home Value to Median Income	5.54	13.67
Bottom 10 in NC, Weakest	Percentage of Households with More Residents than Rooms	3.95%	2.1%

### Healthcare: 32.44

The healthcare component examines the availability and quality of healthcare facilities, services, and professionals, which are critical for maintaining a healthy and productive workforce. Duplin County's performance on this dimension is average when compared to other North Carolina counties, ranking 31st in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
Strongest	Nursing Home Beds per 1,000 Residents of Age	36.32	27.53

	65+		
<b>2nd Strongest</b>	Opioid Deaths per 100,000 Residents	23.8	38.73
<b>Weakest</b>	Physicians per 10,000 Residents	9.03	16.05

### Community Cohesion: 52.81

This component looks at the strength of social networks, community engagement, and the ability of residents to work together to address challenges and support one another during times of adversity. Duplin County's performance on this dimension is average when compared to other North Carolina counties, ranking 63rd in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
<b>Strongest</b>	Yearly Population Change Percentage	0.993%	0.906%
<b>2nd Strongest</b>	Violent Crimes per 10,000 Residents	2.36	3.07
<b>Weakest</b>	Property Crimes per 10,000 Residents	19.89	15.74

### Socioeconomics: 31.03

This component considers factors such as income levels, poverty rates, and inequality, which can impact a community's ability to withstand and recover from economic shocks. Duplin County's performance on this dimension is fairly weak when compared to other North Carolina counties, ranking 76th in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
<b>Top 10 in NC, Strongest</b>	Gini Coefficient (Income Inequality)	0.42	0.46
<b>2nd Strongest</b>	Unemployment Rate (Q4)	3.4%	3.9%
<b>Bottom 10 in NC</b>	Percentage of Population without Health Insurance	14.81%	11.23%
<b>Bottom 10 in NC, Weakest</b>	Percentage of Population without a High School Diploma	13.32%	9.05%

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### Education: 28.9

This component evaluates the quality of educational institutions and the educational attainment levels of the local population, which play a crucial role in developing a skilled and adaptable workforce. Duplin County's performance on this dimension is fairly weak when compared to other North Carolina counties, ranking 82nd in the state.

Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
Strongest	Postsecondary Enrollment Percentage	27.84%	25.48%
2nd Strongest	Graduation Percentage	87.7%	88.03%
Bottom 10 in NC	Local LEA Financial Resources (per ADM)	\$4,339	\$8,683
Bottom 10 in NC, Weakest	3rd Grade Reading Proficiency	27%	43.1%

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### Household Characteristics: 1

This component examines factors such as the proportion of single-parent households, age distribution, and the proportion of individuals with disabilities, as these elements can influence a community's resilience and ability to recover from economic disruptions. Duplin County's performance on this dimension is weak when compared to other North Carolina counties, ranking 100th in the state.

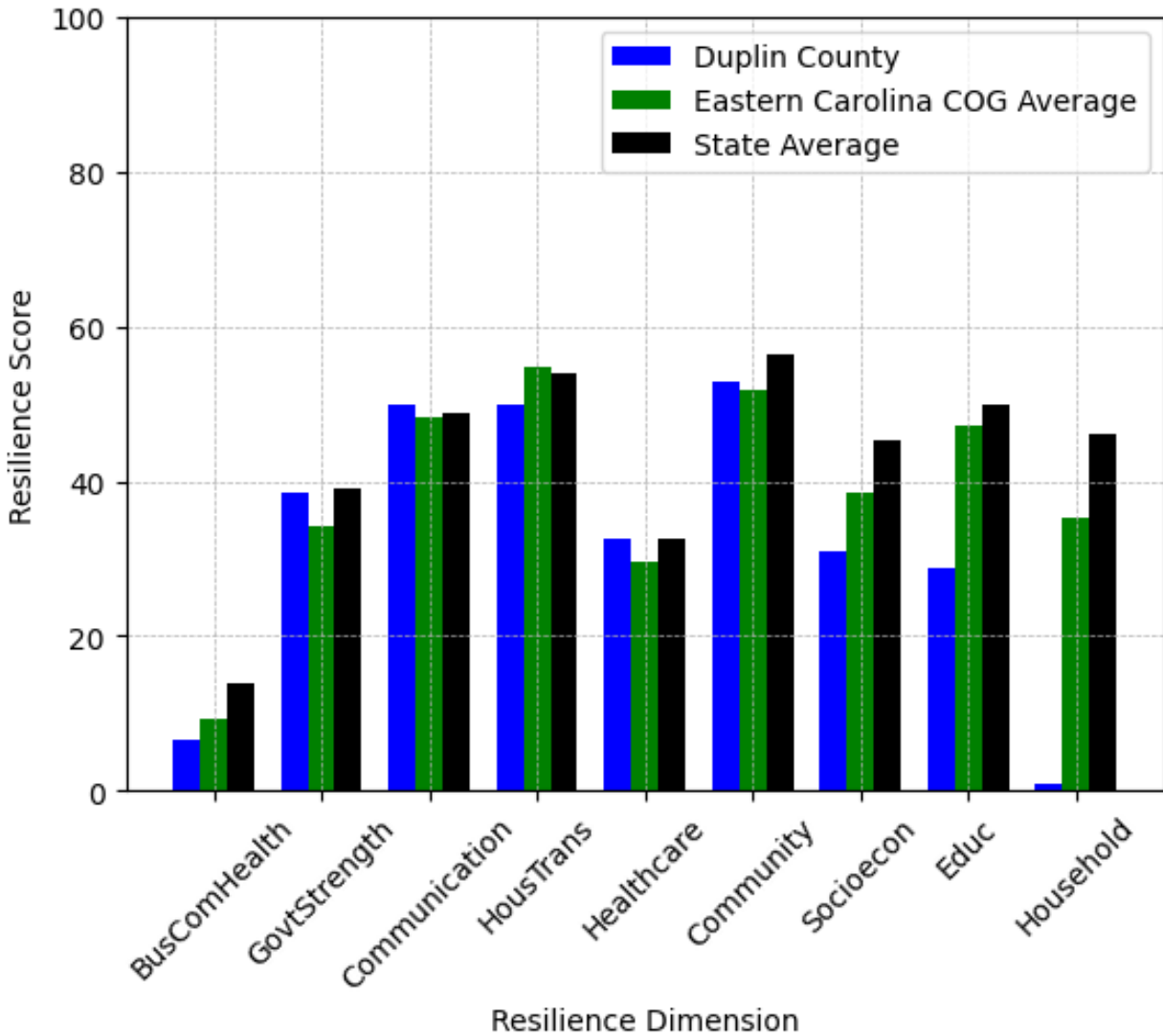
Notable variables for Duplin County within this dimension include:

VARIABLE STRENGTH	FACTOR	DUPLIN COUNTY VALUE	NC COUNTY AVERAGE VALUE
Strongest	Percentage of Population 65 and Older	19.12%	20.53%
2nd Strongest	Percentage of Population with a Disability	17.24%	16.566%
Bottom 10 in NC, Weakest	Percentage of Population with Limited English Proficiency	6.727%	1.454%

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## Duplin County's Resilience Dimension Scores Over Time As Compared to the Region and State Averages



*Note: Resilience Scores are normalized from 1 to 100 with the most resilient county scoring 100. The Resilience Score is determined based on a county's performance relative to NC's other 99 counties.*

## **Notable Trends in Resilience Indicators, 2017-2022**

*NOTE: The key trends in the this section are identified based on change rates of at least .15 standard deviations over at least 5 years. Variables are positively oriented such that a positive trend indicates improved performance (e.g., 'improvement' in property crime is a lower crime rate, while 'decline' in property crime indicates a higher crime rate).*

### **Trends in the Business Community Health dimension:**

Total Employment Level: **-16** (5-year change rate = **-0.08%**, from 19,144 to 19,128)

→ No change in rank

Average Weekly Wages: **204 dollars** (5-year change rate = **29.65%**, from 688 to 892)

↑ Change in rank from 71 to 63 in NC

Real GDP in Current Dollars: **9,843 dollars** (5-year change rate = **0.46%**, from 2,117,093 to 2,126,936)

↑ Change in rank from 45 to 44 in NC

### **Trends in the County Government Fiscal Strength dimension:**

Adjusted Tax Base: **28,097 dollars** (5-year change rate = **40.28%**, from 69,761 to 97,858)

↑ Change in rank from 78 to 57 in NC

County Sales Tax: **3,344,641 dollars** (5-year change rate = **33.17%**, from 10,082,991 to 13,427,632)

↓ Change in rank from 49 to 58 in NC

### **Trends in the Housing & Transportation dimension:**

Ratio of Average Estimated Home Value to Median Income : **1.44** (5-year change rate = **35.19%**, from 4.1 to 5.54)

→ No change in rank

Average Available Rent Money less the Average HUD Fair Market Rent: **320.5 dollars** (5-year change rate = **84.7%**, from 378.4 to 698.9)

↑ Change in rank from 85 to 62 in NC



**Trends in the Healthcare dimension:**

Opioid Deaths per 100,000 Residents: **17** (5-year change rate = **250%**, from 6.8 to 23.8)

↓ Change in rank from 5 to 20 in NC

Nurses per 10,000 Residents: **-23.43** (5-year change rate = **-14.26%**, from 164.29 to 140.86)

↓ Change in rank from 52 to 60 in NC

Physicians per 10,000 Residents: **1.63** (5-year change rate = **22.03%**, from 7.4 to 9.03)

↑ Change in rank from 73 to 61 in NC

Mental Health Professionals per 10,000 Residents: **2.83** (5-year change rate = **90.71%**, from 3.12 to 5.95)

↑ Change in rank from 84 to 46 in NC

**Trends in the Community Cohesion dimension:**

Violent Crimes per 10,000 Residents: **0.67** (4-year change rate = **39.93%**, from 1.69 to 2.36)

↓ Change in rank from 35 to 43 in NC

Property Crimes per 10,000 Residents: **3.46** (4-year change rate = **21.04%**, from 16.43 to 19.89)

↓ Change in rank from 42 to 76 in NC

**Trends in the Socioeconomics dimension:**

Unemployment Rate (Q4): **-1.2 percent** (5-year change rate = **-25.9%**, from 4.6 to 3.4)

↑ Change in rank from 65 to 37 in NC

Median Household Income: **14,100 dollars** (5-year change rate = **31.76%**, from 44,400 to 58,500)

↑ Change in rank from 87 to 74 in NC

**Trends in the Education dimension:**

Graduation Percentage: **3.3 percent** (5-year change rate = **3.91%**, from 84.4 to 87.7)

↑ Change in rank from 71 to 60 in NC

Dropout Rate: **-0.53 percent** (5-year change rate = **-18.76%**, from 2.82 to 2.29)

↓ Change in rank from 74 to 77 in NC

3rd Grade Reading Proficiency: **-14.7 percent** (5-year change rate = **-35.25%**, from 41.7 to 27)

↓ Change in rank from 91 to 93 in NC

**Data Advisements:**

- Availability of Broadband Services is not available for 2022 and was excluded from calculating this county's dimension and resilience score.
- Adoption Rate of Broadband Services is not available for 2022 and was excluded from calculating this county's dimension and resilience score.