



# **NORTH CAROLINA**

Department of Transportation



# **NCDOT Research and Innovation Summit**

**Jim Trogdon III, P.E. | Secretary, N.C. Department of Transportation**

# dis•rup•tion

*noun*

**disturbance or problems which interrupt an event, activity, or process.**

Oxford Dictionary



+



=

**86**  
**billion**  
photos



+



=

**4**  
**billion**  
photos





Google

1.2  
= trillion  
photos





U.S. National Archives





U.S. National Archives

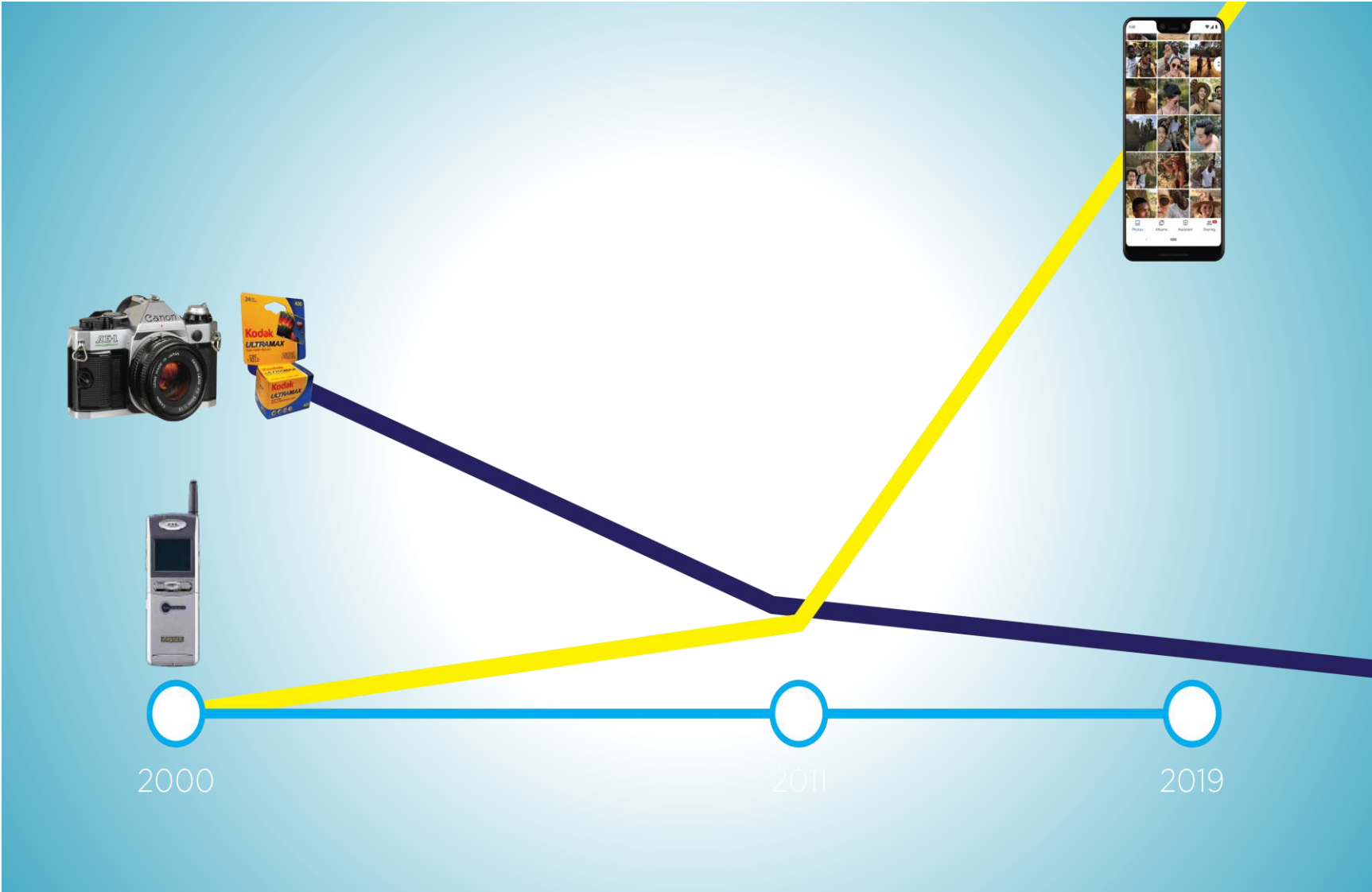




George Grantham Bain Collection



George Grantham Bain Collection









**Regulating**

**Monitoring**

**Funding**



Technician



Sean Hollister/CNET

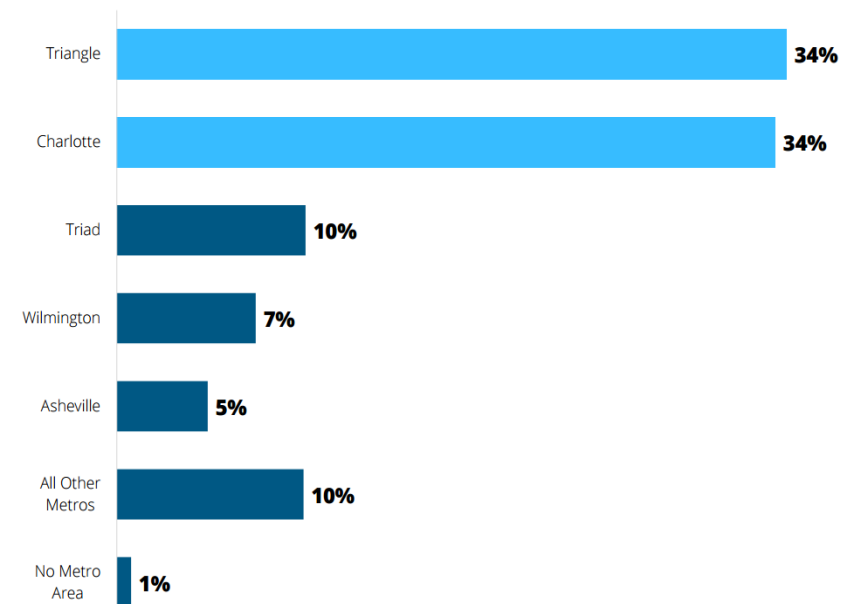


# Prepare for Significant Events

- Begin study of how to ensure appropriate investment levels in the future
- Maintain strong project delivery
- Prepare for shifting demographics and disruptive technologies

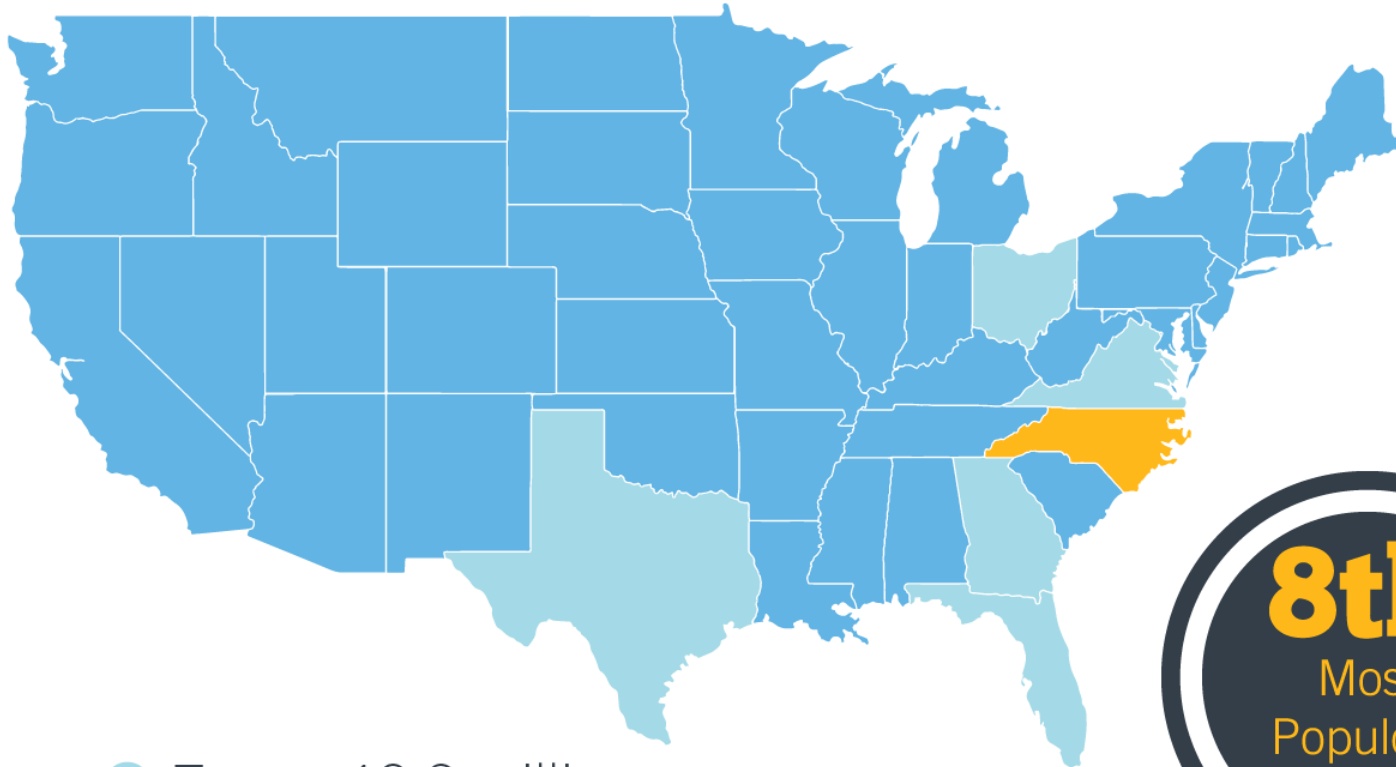
## Two-thirds of NC growth projected to occur in Triangle or Charlotte

*Projected share of 2010-2035 state population growth for select North Carolina metropolitan areas*



Data Source: NC OSBM

# Expected Population Growth by 2035



**8th**  
Most  
Populous  
State

**32%**  
increase  
from  
NC's 2010  
population

Population  
Ranking

- 2 Texas: 40.6 million
- 3 Florida: 28.2 million
- 6 Georgia: 12.8 million
- 8 North Carolina: 12.5 million**
- 9 Ohio: 11.7 million
- 10 Virginia: 10.2 million

A strategic transportation plan connecting communities across North Carolina, focused on creating a more responsive, diverse and inclusive transportation system for keeping people and freight moving safely and efficiently.



# NC MOVES **2050**

CONNECTING YOUR COMMUNITY,  
YOUR VOICE AND YOUR FUTURE



# Project Schedule

Remember to check back for future survey opportunities!

2018					2019					2020														
Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug

1st Survey Period

2nd Survey Period

3rd Survey Period

State of the System

Drivers and Opportunities

**Scenarios**  
Plausible Alternative Futures  
Vision, Goals, Objectives

Future Needs,  
Priorities,  
Solutions

Plan Rollout  
And  
Implementation



# Survey Open Now

[ncmoves.metroquest.com](http://ncmoves.metroquest.com)



**NC MOVES** 2015

#NCMOVES

# Partnerships Are Key









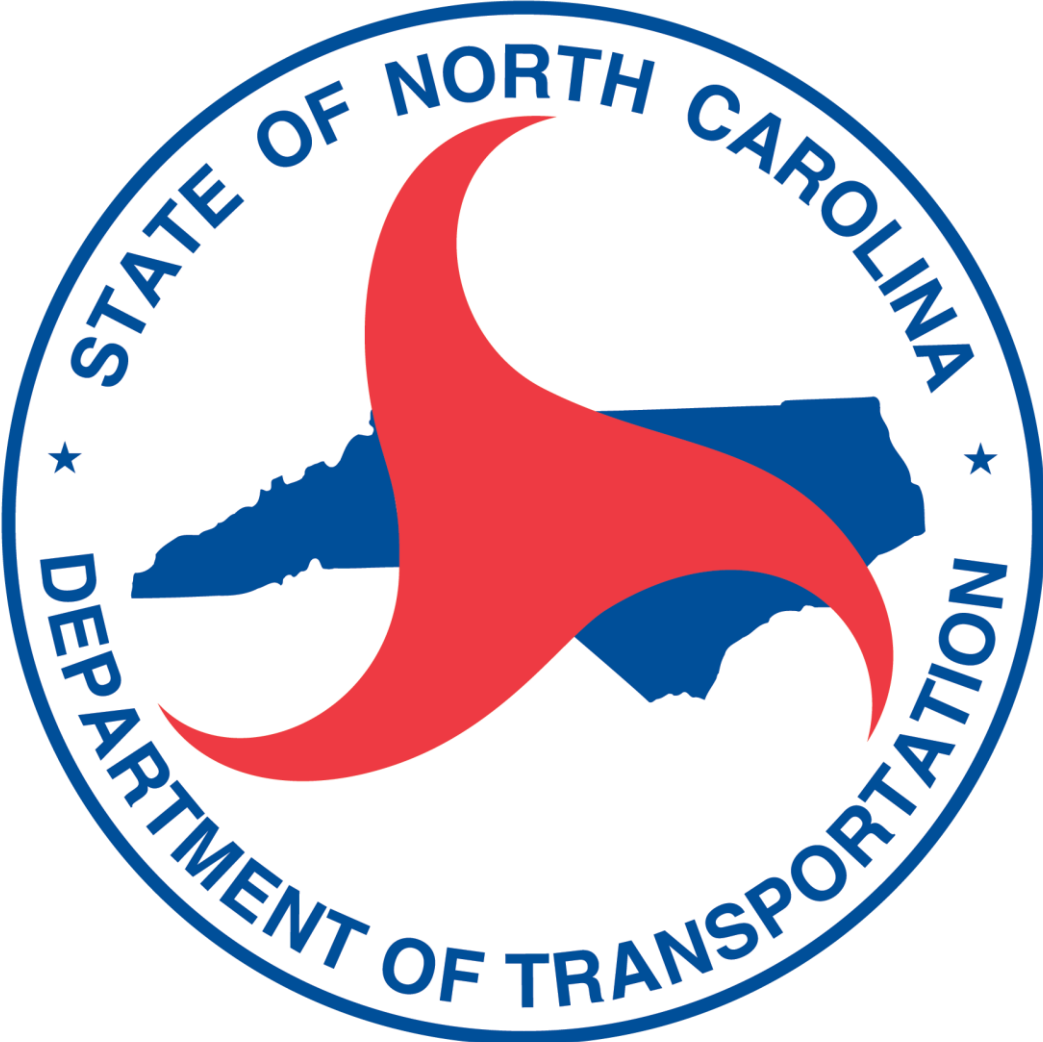
# Research that ...

- Helps speed up/automate permitting processes
- Addresses safety
- Is multimodal
- Works to solve congestion issues



# Opportunity pipeline

- Engaging HBCUs in research
- Internships and fellowships
- Relationships are key





**Questions?**