

Whatever You Do, Don't Drive Alone!

Sarah Bruce, AICP, CFM

Carrboro Climate Change Forum

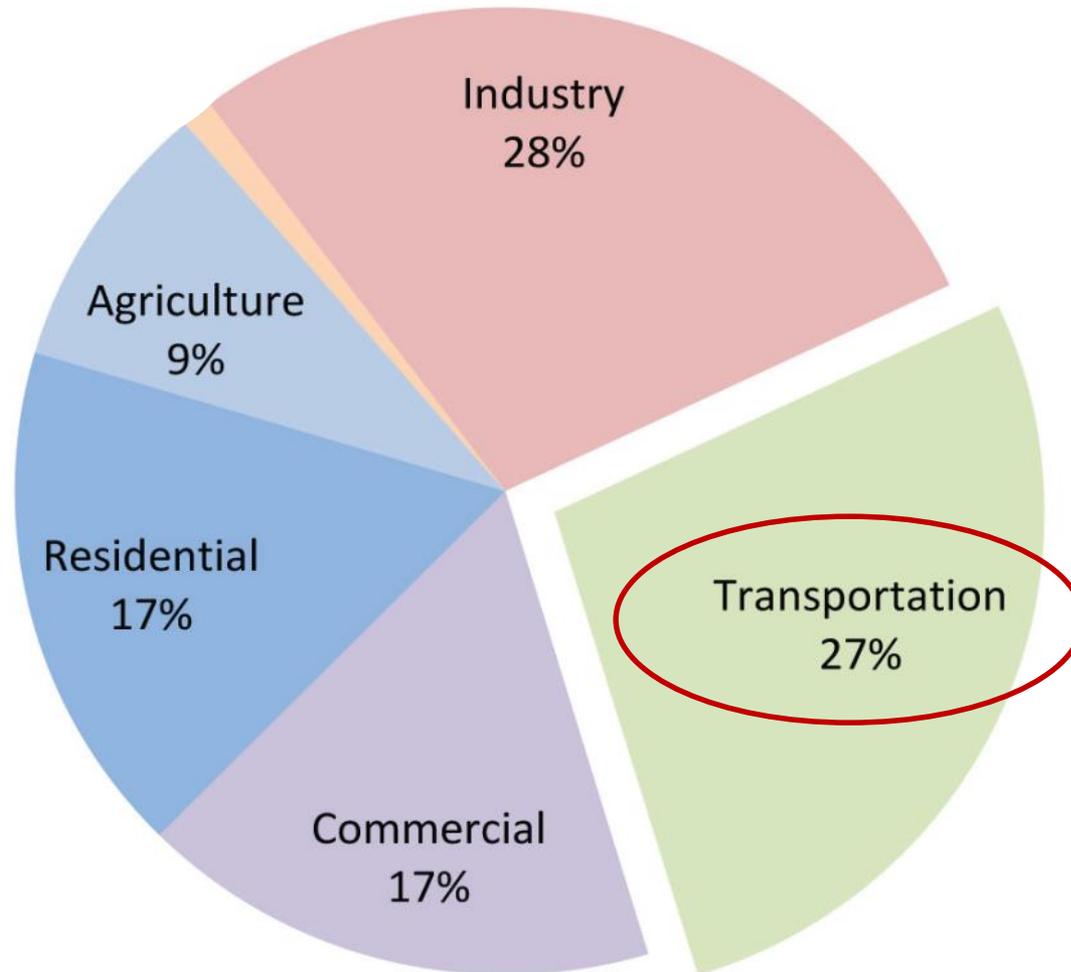
October 29, 2014

Why not drive alone?

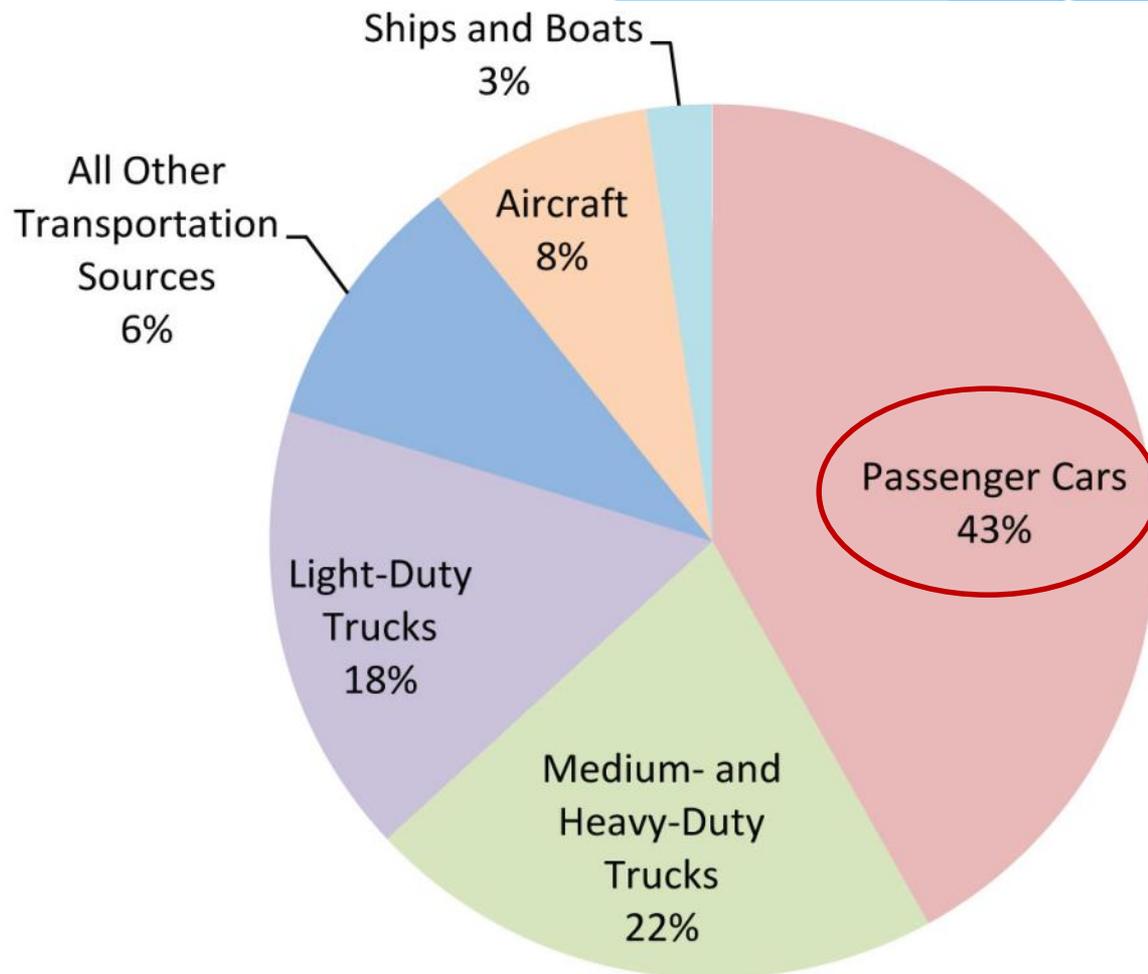
- * Environmental costs
- * Security costs
- * Infrastructure costs
- * Social costs

Environmental Costs

GHGs by Sector



GHGs by Transportation Type

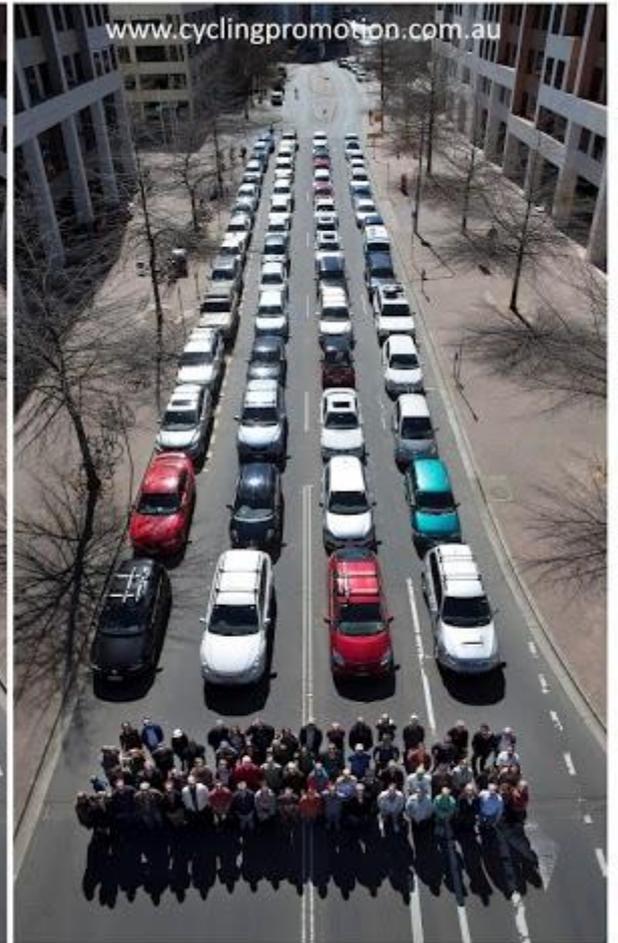


In 2011,
passenger cars
traveled
2,043,409,000,000
vehicle miles.



Impervious Surface - Roads

 CPF
cycling promotion fund



Aquatic Habitat



Terrestrial Habitat



Heat Islands / Few Trees



Temperature (°C)



Security Costs

- * ISIS is making \$2 million a day from oil fields
- * \$83 billion annually on military protection of petroleum
- * Sanctions against Russia ☹️

Road Costs

New 2-lane road:
\$3-5 million per mile

New 4-lane highway:
\$8-\$10 million per mile

New 6-lane Interstate:
\$11 million per mile

Expand Interstate:
\$4 million per mile

Plus long-term maintenance!

Costs to Individuals & Families

Each year, the average American spends ...

- * \$2,400 on gas alone
- * \$9,122 overall (AAA) just to own a sedan
- * 434 hours – **18 days!** – in a car



Instead?



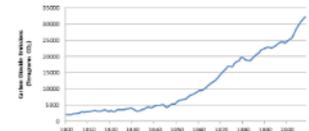
“Cleaner” Domestic Fuels?





Alternative Fuels

- * Number of vehicles still increasing ☹️
- * Parking ☹️
- * Traffic congestion ☹️



Climate-Friendly Travel

- Walking
- Biking
- Transit (bus)
- Carpool
- Vanpool
- Telework



TRIP PLANNER

From

Destination

Leave

Submit

Maps &
Schedules

Buy
Tickets

Get real-time bus information

Save your favorite route info, see where the bus is on the map and find out real-time bus predictions stop by stop.



NEWS & ALERTS

DATA Rt 3/16A/16B detoured at Liberty St at N Elizabeth for street paving [More info](#)

Short-Term Detour for DRX Park & Ride- October 30th [More info](#)

Main Street Closure detours Bull City Connector 10/30-31 [More info](#)

[View All News & Alerts »](#)

EVENTS



UNC Transportation Forums, Nov. 5 & 12

Speak with decision-makers and help to improve transportation at UNC.

[Complete Details »](#)

[View All Events »](#)



Climate-Friendly Travel

ShareTheRideNC.org

- * Carpools and vanpools
- * Emergency Ride Home
- * GoPerks

The screenshot shows the homepage of ShareTheRideNC.org. At the top left is the logo for STRNC (Share The Ride North Carolina) with the tagline "share the ride nc". To the right of the logo, it says "North Carolina's Statewide Ride Matching System". Below the logo is a registration and login form with fields for "Email address" and "Password", a "Remember Me" checkbox, and buttons for "Register", "Forgot your password?", and "Login". A navigation menu below the form includes links for "Find Matches", "Log My Commute", "Incentives", "Vanpools", and "ERH". The main content area features a "Welcome to ShareTheRideNC!" heading, a paragraph explaining the service, and a "Get Started!" button. A small image shows a car with people inside. At the bottom, there is a footer with the GoTriangle logo and a navigation menu with links for "About", "Carpool", and "Contact Us".

STRNC
share the ride nc

North Carolina's Statewide
Ride Matching System

Register

Email address

Password

Forgot your password? Remember Me

Login

Find Matches Log My Commute Incentives Vanpools ERH

Welcome to ShareTheRideNC!

This website will help you quickly and securely find carpool partners anywhere in North Carolina! Using your home and work addresses, you will be matched to nearby commuters with similar schedules. Your home address will never appear on match lists.

When you receive your list of matches, you may choose who to contact. There are no obligations or requirements.

It's all up to you!

Get Started!

GoTriangle is a partnership of local agencies that promote sustainable commuting options - reducing traffic and improving air quality.

gotriangle

Terms & Conditions | Privacy Statement

About

- About Us
- FAQ
- Questions & Feedback

Carpool

- Carpool Tips
- Carpool FAQ

Contact Us

Apps For quick access, place your bookmark

g

Capital Area Transit

Cary Transit

Chapel Hill Transit

Duke University

Durham Area Transit Authority

NC State University Wolfline

Triangle Transit



View in iTunes

Free

Category: Navigation
 Updated: Aug 27, 2014
 Version: 1.1.5
 Size: 5.1 MB
 Language: English
 Seller: TransLoc Inc.
 © TransLoc Inc.
 Rated 4+

Compatibility: Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch. This app is optimized for iPhone 5.

Customer Ratings

Current Version:
 ★★½ 58 Ratings

All Versions:
 ★★★ 145 Ratings

More iPhone Apps by TransLoc Inc.



TransLōc Manager
 View In iTunes

Description

TransLōc has raised the bar with this wholly reimagined transit-tracking app. If you've ever stood in the rain wondering where your bus or train is, TransLōc Rider is the app for you. TransLōc Rider provides real-time transit tracking, arrival predictions and proximity alerts.

[TransLoc Inc. Web Site](#) [TransLoc Rider: Transit Tracking & Alerts Support](#)

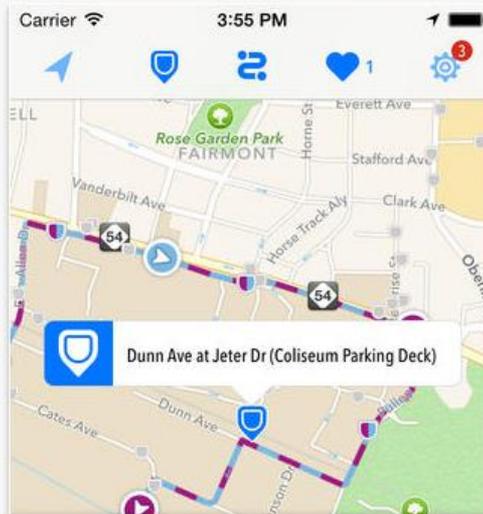
...More

What's New in Version 1.1.5

For those of you who read release notes (thanks to both of you!), our engineers have taken great care to use the most efficient techniques to collect location data. We leverage an Apple service called the "significant location change service", which runs in the background and collects data only when your device has traveled 500 meters and

...More

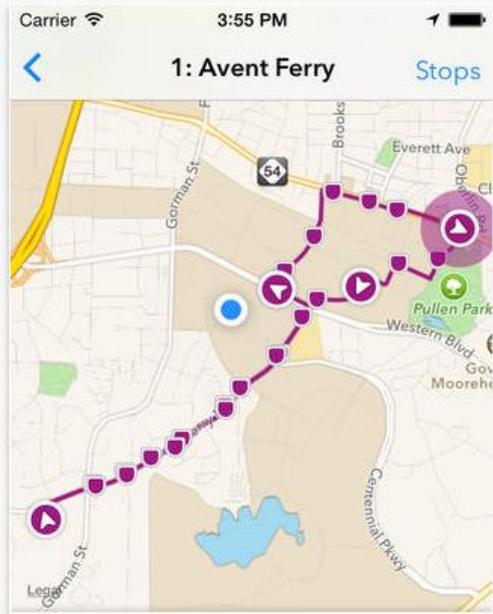
iPhone Screenshot



Carrier 3:55 PM

DUNN AVE AT JETER DR (COLISEUM PARKING D... 0.8 miles

1	AVENT FERRY NC State University Wolfline	01 min 15 min 23 min
5	VARSITY NC State University Wolfline	08 min 23 min 38 min
	ENGINEERING	03 min



Carrier 3:55 PM

1: AVENT FERRY Stops

Bus 1493

- Pullen Rd at Gold Residence Hall <1 min
- Dunn Ave at Jeter Dr (Coliseum Parki... 1 min
- Morrill Dr at Carmichael Gym 3 min



Get creative!

- * Park-and-Rides
- * Bikes on buses
- * Find a buddy



Thinking outside the Triangle



www.wanderu.com

Climate-Friendly Travel

(919) 485-RIDE

www.GoTriangle.org