

# NC BENEFITS BY TRANSPORTATION MODE

North Carolina's transportation system provides financial benefits to residents and businesses in addition to providing connections to daily activities. The benefits of these transportation options funded through the N.C. Department of Transportation are based on available North Carolina studies. These estimated benefits are for the year(s) of each individual study and may change over time.



AVIATION IN NO



**Public Benefits:** 

PER PASSENGER

**SALARIES & WAGES** FROM JOBS SUPPORTED BY AIRPORTS

**Business Benefits:** 

S796<sup>.83</sup> PER PASSENGER

IN ECONOMIC













PEDESTRIAN & BICYCLE **FACILITIES IN NC** 



**Public Benefits:** 

\$23.66 PER TRIP

**COST SAVINGS** INCLUDING LESS POLLUTION & CONGESTION, FEWER TRAFFIC **RELATED INJURIES** 

**Business Benefits:** 

PER TRIE

SALES REVENUE DUE TO USE OF PEDESTRIAN & **BICYCLE FACILITIES** 

TRANSIT SYSTEMS IN NC



**Public Benefits:** 

PER PASSENGER

COST SAVINGS
BENEFITS FROM HAVING TRANSIT SERVICES AVAILABLE & COST SAVINGS RELATED TO TRANSIT SERVICE

**Business Benefits:** 

2.60 IN INCREASED **BUSINESS OUTPUT**  PASSENGER RAIL IN NC



**Public Benefits:** 

\$97.33 PER PASSENGER **COST SAVINGS** BENEFITS FROM HAVING PASSENGER RAIL SERVICES AVAILABLE & COST SAVINGS RELATED TO PASSENGER RAIL SERVICE

**Business Benefits:** 

PER PASSENGER

**IN INCREASED BUSINESS OUTPUT** 

# WHAT IS INCLUDED IN THE BENEFITS?

Most transportation types create two types of benefits through how they are used.

01. Public Benefits | Benefits travelers and communities receive by using that type of transportation.

#### Examples include:

- 'Affordable travel benefits' that happen when trips are made that would not be made because of a lack of other options or the cost of using another option is too expensive.
- 'Transportation cost savings benefits' resulting from lower personal and community-wide costs like travel time delay and crashes.

02. Business Benefits | The economic benefits described occur when each type of transportation is used. These benefits are calculated using tested methods and tools.

Note: Public and Business Benefit values should not be added together because they represent potentially overlapping benefits.

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## HIGHWAYS IN NORTH CAROLINA

Beltways can have a greater impact on the business growth in the surrounding areas:

ANNUAL INCREASE

**NORTHERN WAKE EXPRESSWAY** 

**GREENSBORO** SW LOOP

**CHARLOTTE OUTER LOOP** 

Bypasses can have a greater impact on residential development and property price:

#### ACROSS FIVE BYPASS PROJECTS STUDIED

Highway widening can have these types of impacts:

ANNUAL INCREASE

### **US-15/501 WIDENING PROJECT**

Annual increase in the number of businesses and a 2.5% annual increase in the median house value in the surrounding area.

ANNUAL INCREASE

## **US-421 WIDENING PROJECT**

Annual increase in the number of businesses, and a 0.63% annual increase in the median house value in the surrounding area.







RAILROAD FREIGHT TRANSPORT IN NC



**Public Benefits:** 

\$12<sup>.37</sup> PER TON

**COST SAVINGS** DUE TO DECREASED CONGESTION, TRAFFIC COLLISIONS & AIR POLLUTION

**Business Benefits:** 

PER TON

\$69.65 IN FREIGHT **COST SAVINGS** FOR BUSINESSES FERRY SYSTEM OF NC



**Public Benefits:** 

17.90 PER PASSENGER **COST SAVINGS** INCLUDING VEHICLE, TRAVEL TIME & SAFETY COST SAVINGS

**Business Benefits:** 

PER PASSENGER

IN ECONOMIC **OUTPUT** 

PORTS OF NC



**Business Benefits:** 

\$2,298.51 IN SALES

REVENUE

SOURCES FOR THIS INFORMATION CAN BE FOUND ON THE PROJECT WEBSITE | NCDOT.GOV/NCMOVES