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.

NC BENEFITS BY TRANSPORTATION MODE

**AVIATION IN NC**

- **Public Benefits:** $195.71 per passenger
  - Salaries & Wages from jobs supported by airports

- **Business Benefits:** $796.83 in economic output per passenger

**TRANSIT SYSTEMS IN NC**

- **Public Benefits:** $10.10 per passenger
  - Cost savings benefits from having transit services available & cost savings related to transit service

- **Business Benefits:** $12.60 in increased business output per passenger

**PEDESTRIAN & BICYCLE FACILITIES IN NC**

- **Public Benefits:** $23.66 per trip
  - Cost savings including less pollution & congestion, fewer traffic related injuries

- **Business Benefits:** $17.86 per trip
  - Sales revenue due to use of pedestrian & bicycle facilities

**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:** $125.05 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:

![Highway Widening Impact](image)

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

![Residential Development Impact](image)

Highway widening can have these types of impacts:

![Highway Widening Impact](image)

RAILROAD FREIGHT TRANSPORT IN NC

Public Benefits:

- **Cost Savings** due to decreased congestion, traffic collisions & air pollution: **$12.37 per ton**

Business Benefits:

- **In freight cost savings for businesses**: **$69.65 per ton**

FERRY SYSTEM OF NC

Public Benefits:

- **Cost Savings** including vehicle travel time & safety cost savings: **$17.90 per passenger**

PORTS OF NC

Business Benefits:

- **In sales revenue**: **$2,298.51 per ton**

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