

Transit and Rail State Perspective

**Presented to the
21st Century Transportation
Committee**

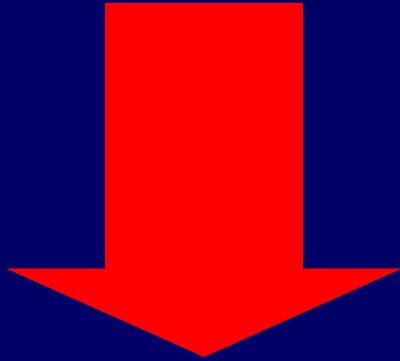
January 16, 2008

Miriam Perry, Director

Public Transportation Division - NCDOT



Transportation System

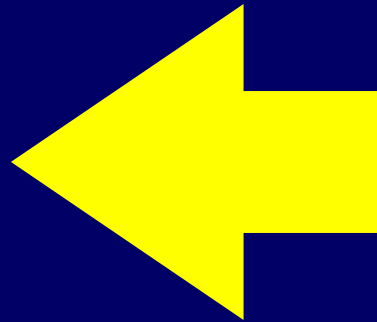


Mobility

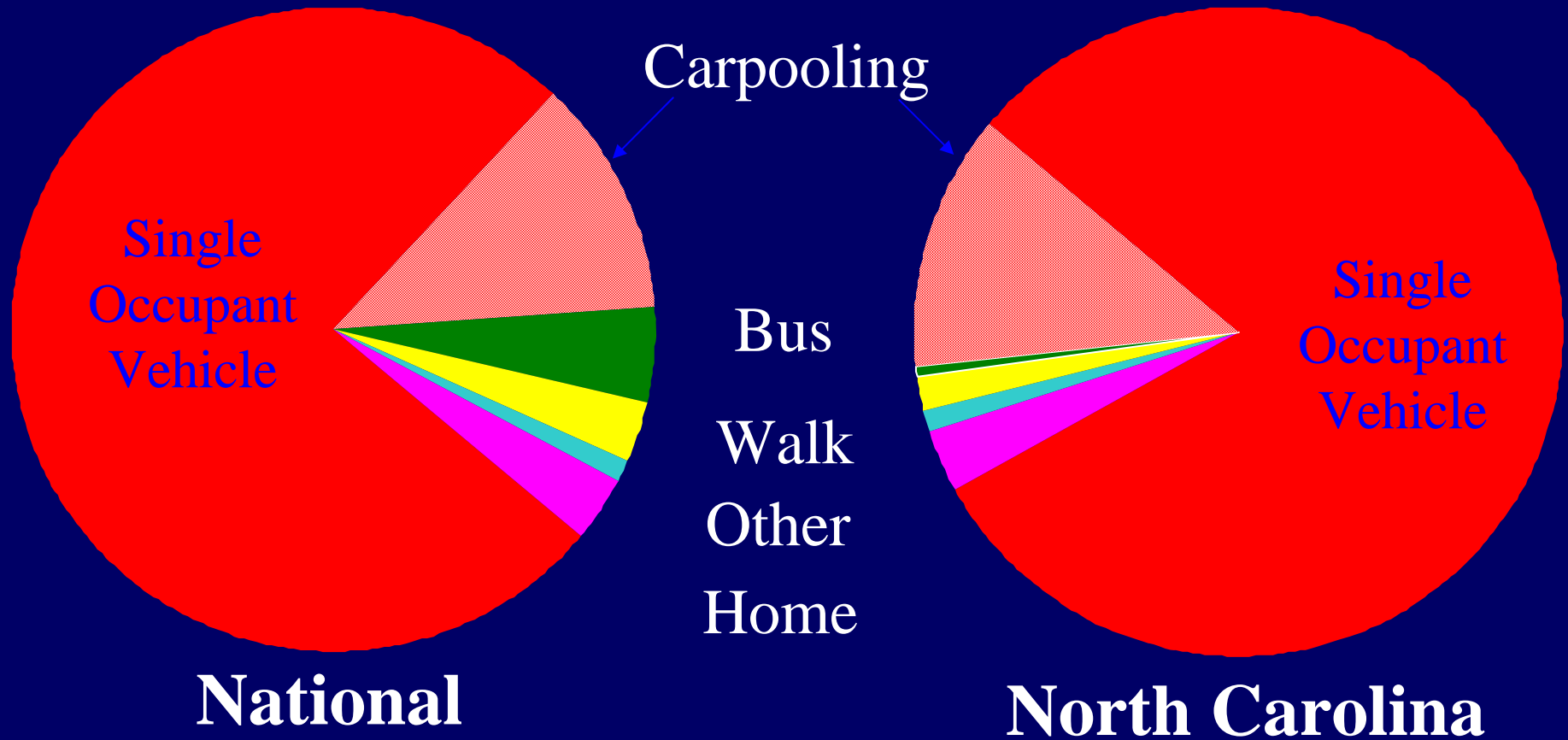
- Personal
- Freight

Influencing Factors

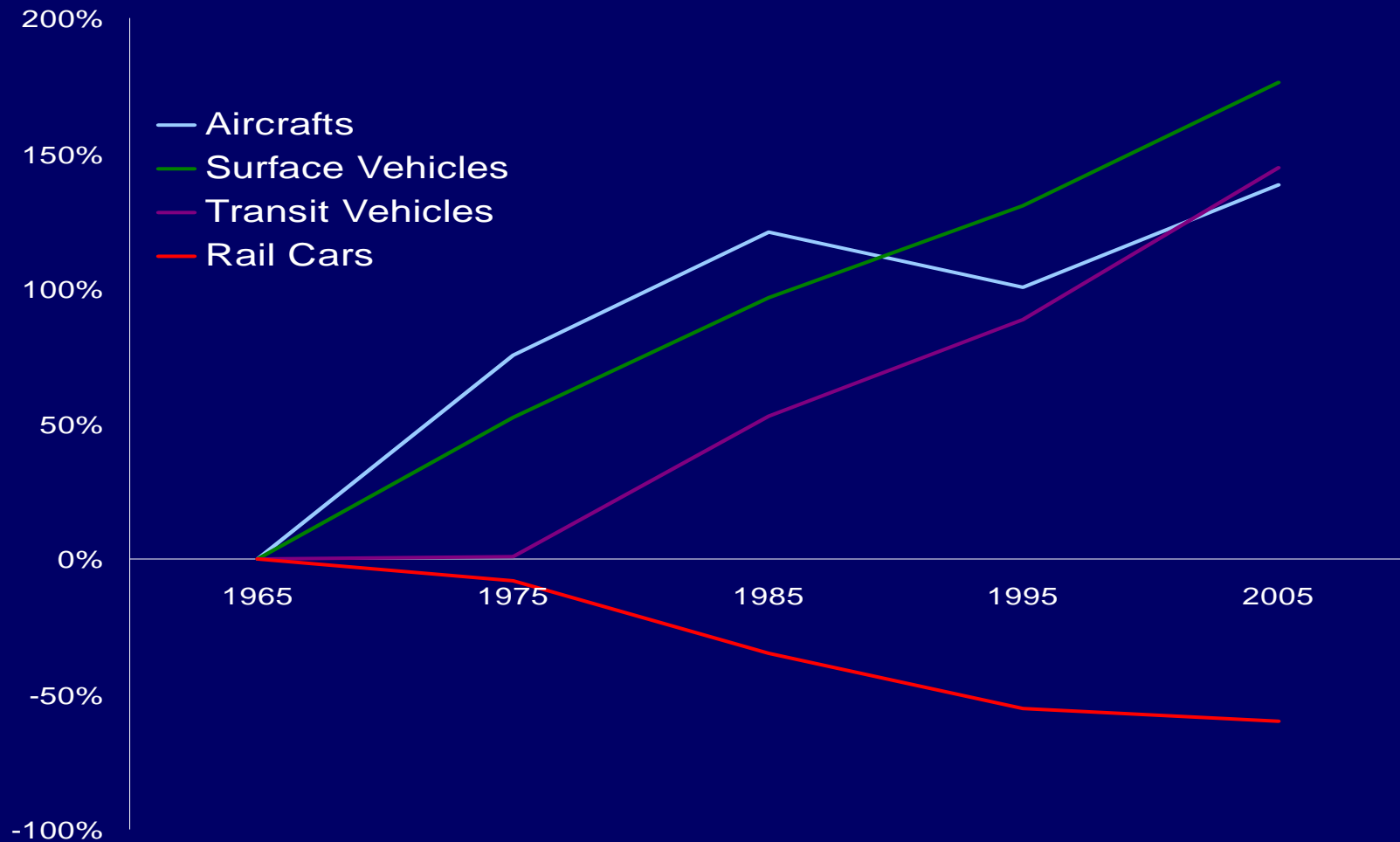
- Fleet Availability
- Costs
- Population
- Economy
- Personal Income



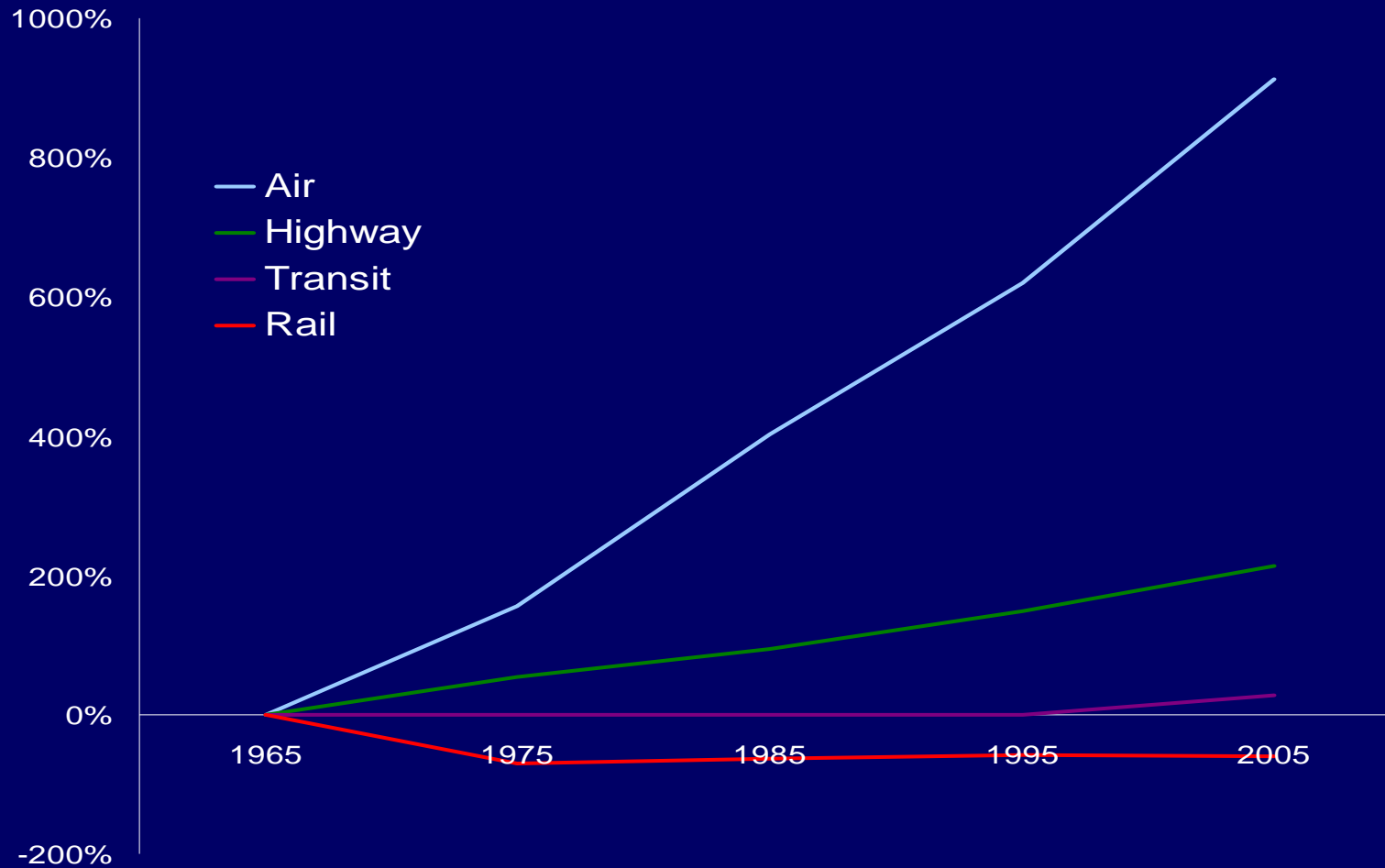
Work Mode Choice



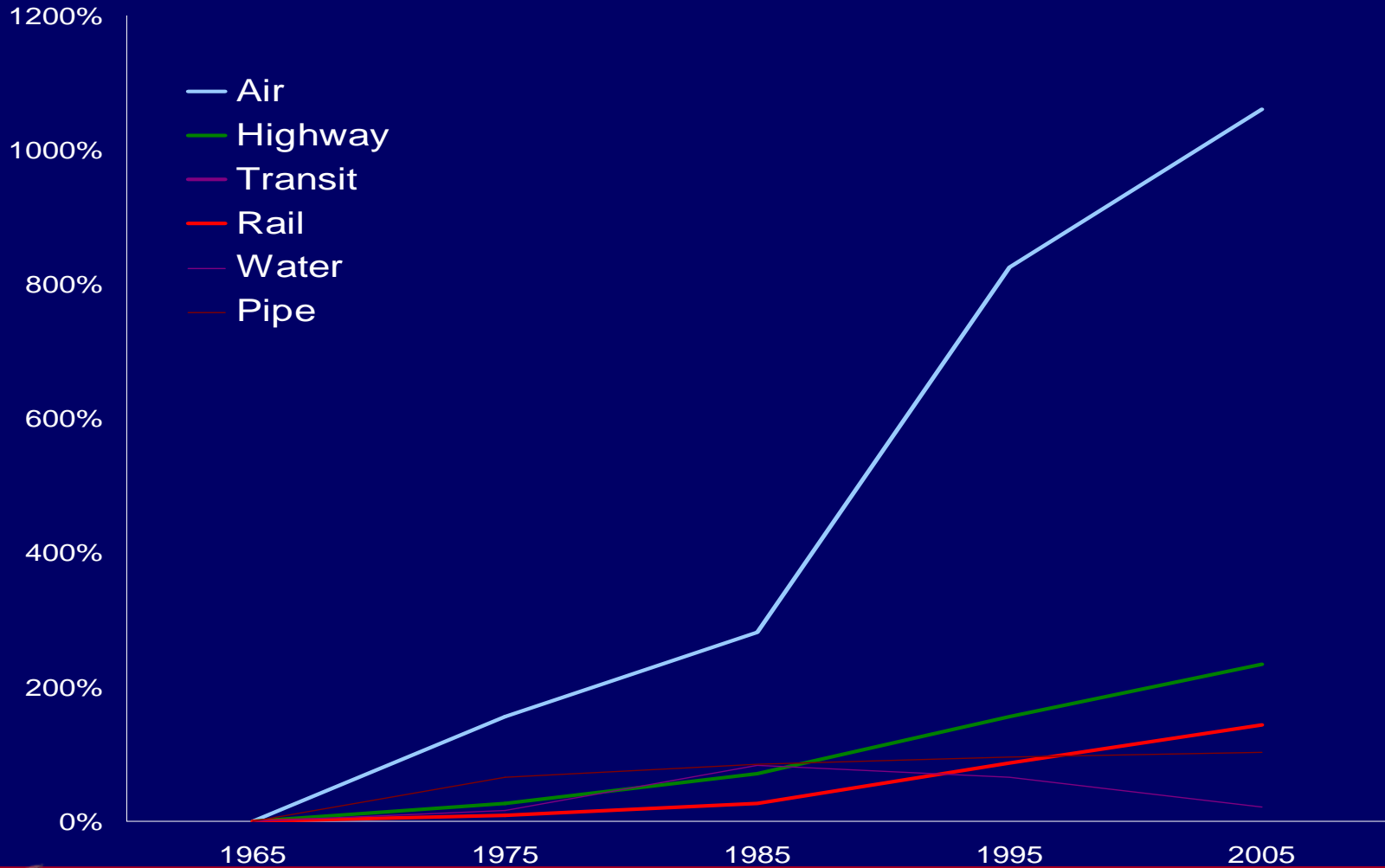
Changes in Fleet



Changes in Passenger Travel



Changes in Domestic Freight



North Carolina Ferry

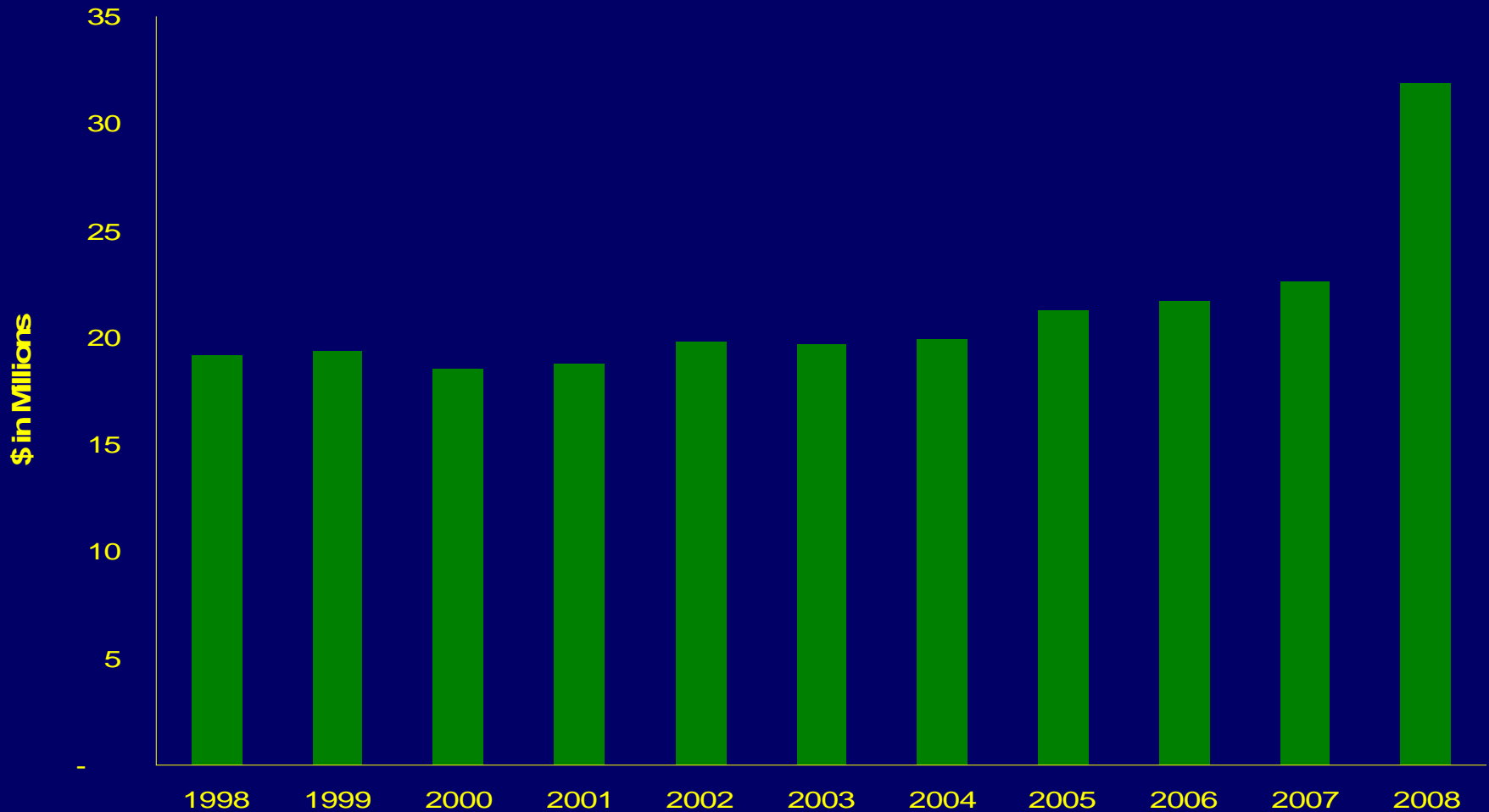


Ferry - Highlights

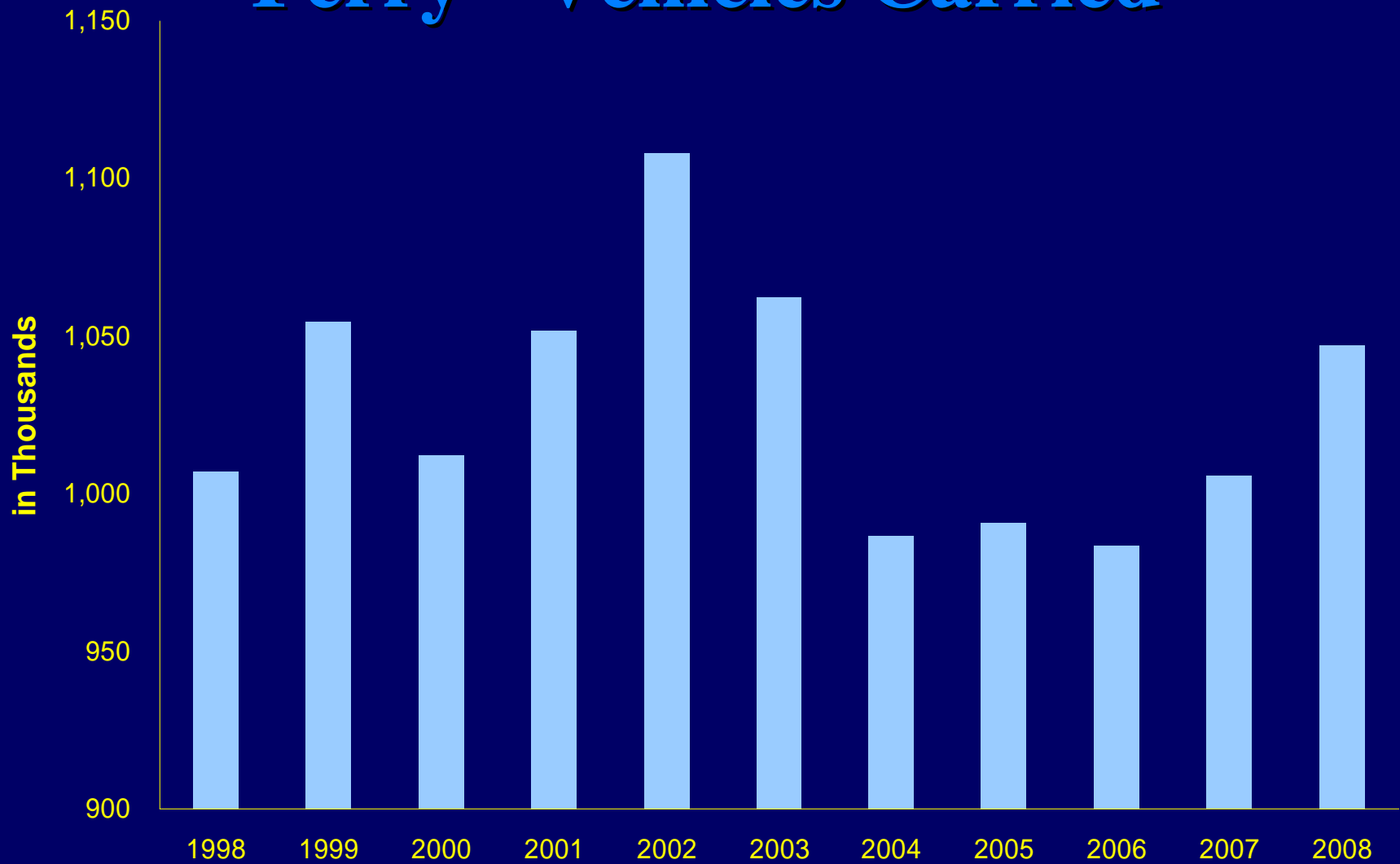
- Second Largest in the Country
- Tourism 80% of Ridership
- Specific Commuter and School Routes
- Future Challenges
 - Replacement of 1/3 of the fleet within the next (10) ten years (\$140 Million)
 - Continue maintaining waterways by dredging within environmental regulations and restrictions.



Ferry Budget



Ferry - Vehicles Carried



North Carolina

Bicycle and Pedestrians



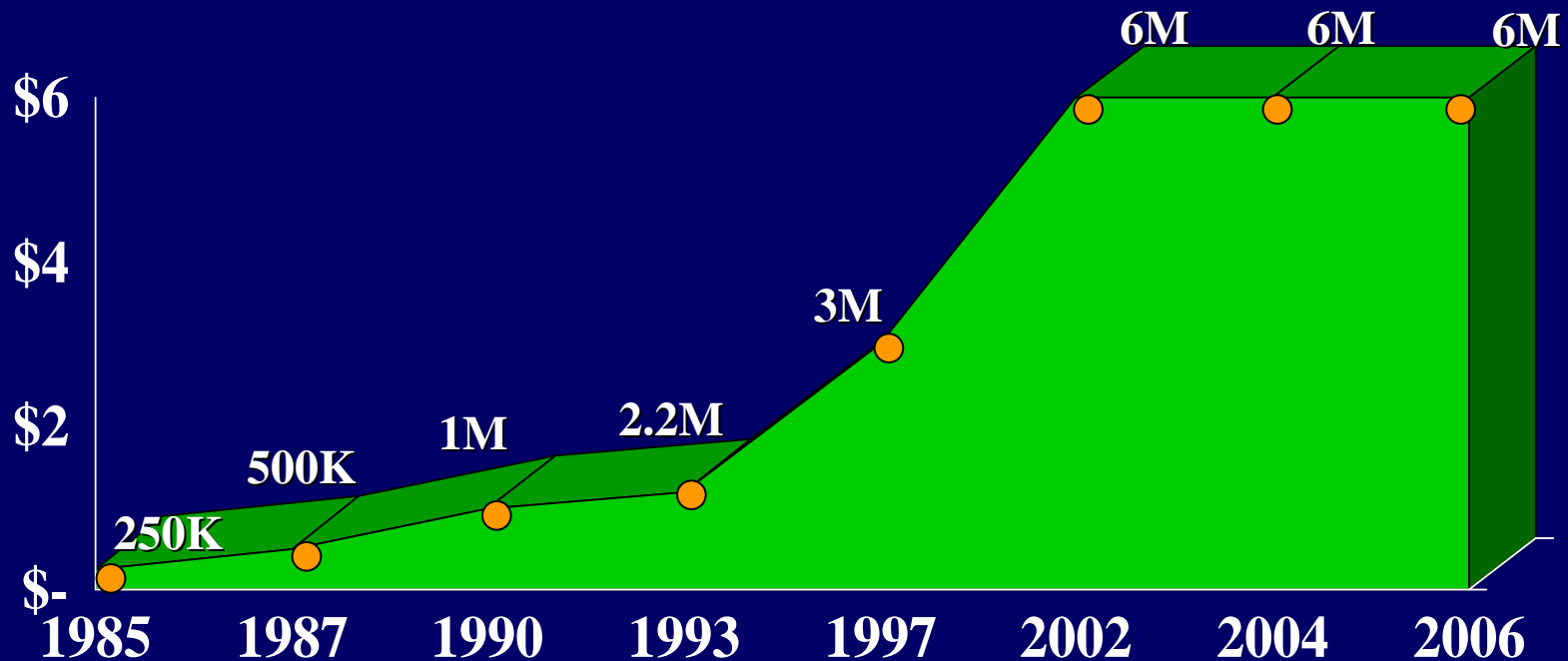
Bicycle & Pedestrian Highlights

- Nation's first "Bicycling Highways" system
- Nation's Largest System of Signed and Mapped Bike Routes and Safety Education Programs
- Over 3,000 miles of bicycling highways
- Recent Survey
 - 70 % Walked at least 1 day a week
 - 20 % Walked 7 days a week
 - 1/3 of NC Citizens active in Bicycling

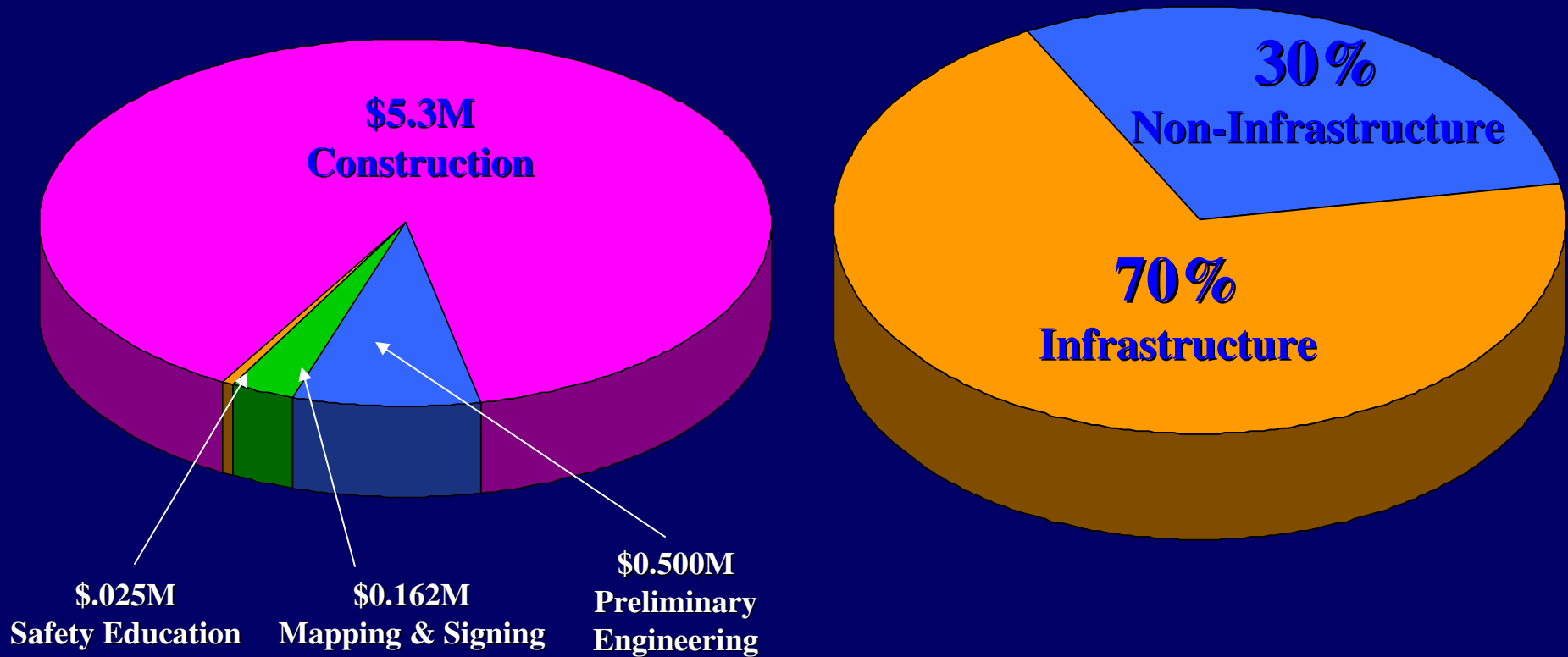


Bicycle/Pedestrian TIP Funds

1985 - 2006 (\$ in Millions)



Funding Distribution



North Carolina Aviation



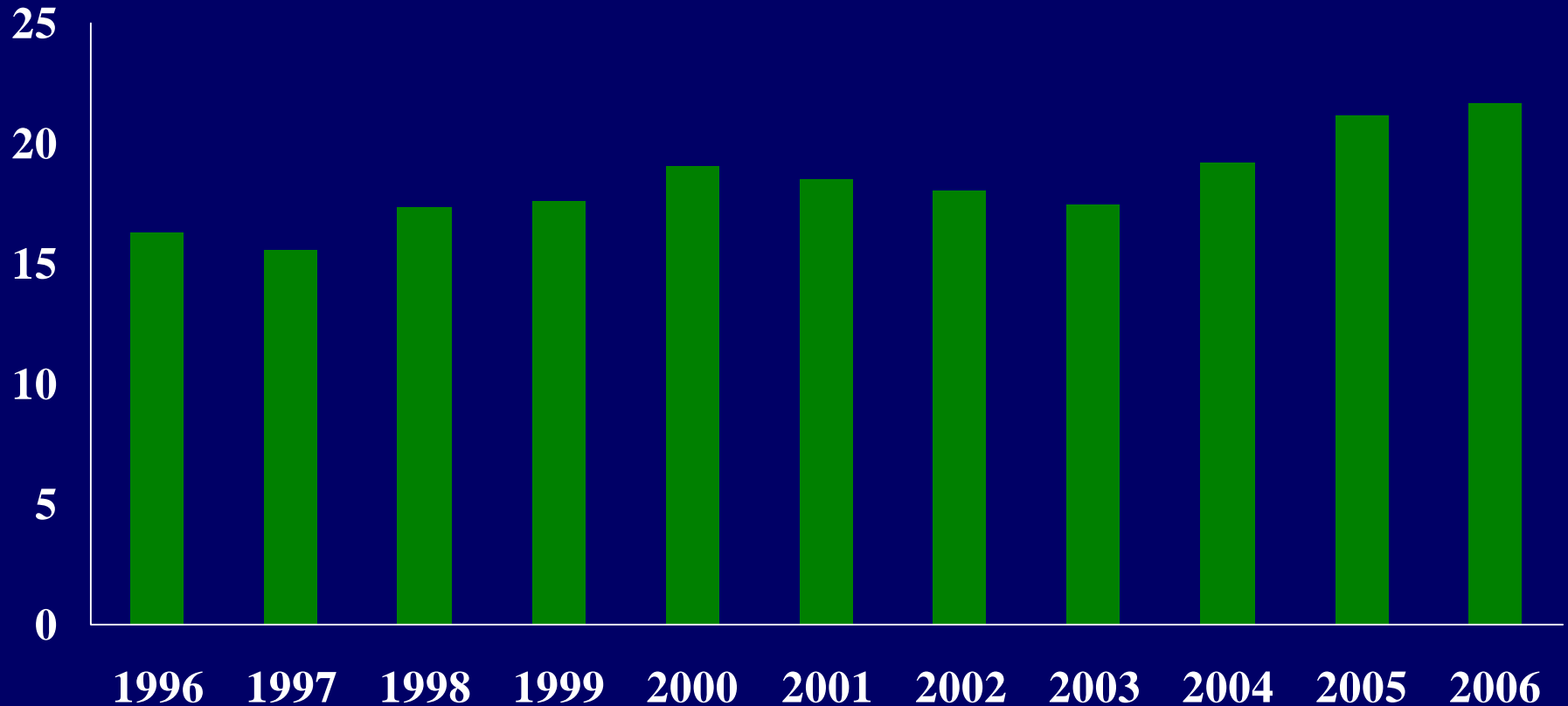
Aviation Highlights

- 74 Publicly Owned/Public Access Airports
 - 10 Commercial & 64 General Aviation Airports
- High Economic Impact Return On Investment
 - \$20M Annual Budget
 - \$11.8B Economic Impact
- Maturing Infrastructure Requiring Repair



Ridership and Utilization

Commercial Airline Passenger Boardings (in Millions)



Future Challenges

- Infrastructure Needs
 - \$250M Current Capital Needs Requests
- Airport Ownership Issues
 - Airports are owned by the local communities, counties, or municipalities, not the state
 - State Agency can only “suggest” improvement priorities
- Environmental Regulations and Restrictions
- Perception of Local Airports
 - Business oriented
 - Critical Transportation Access



North Carolina

Public Transportation



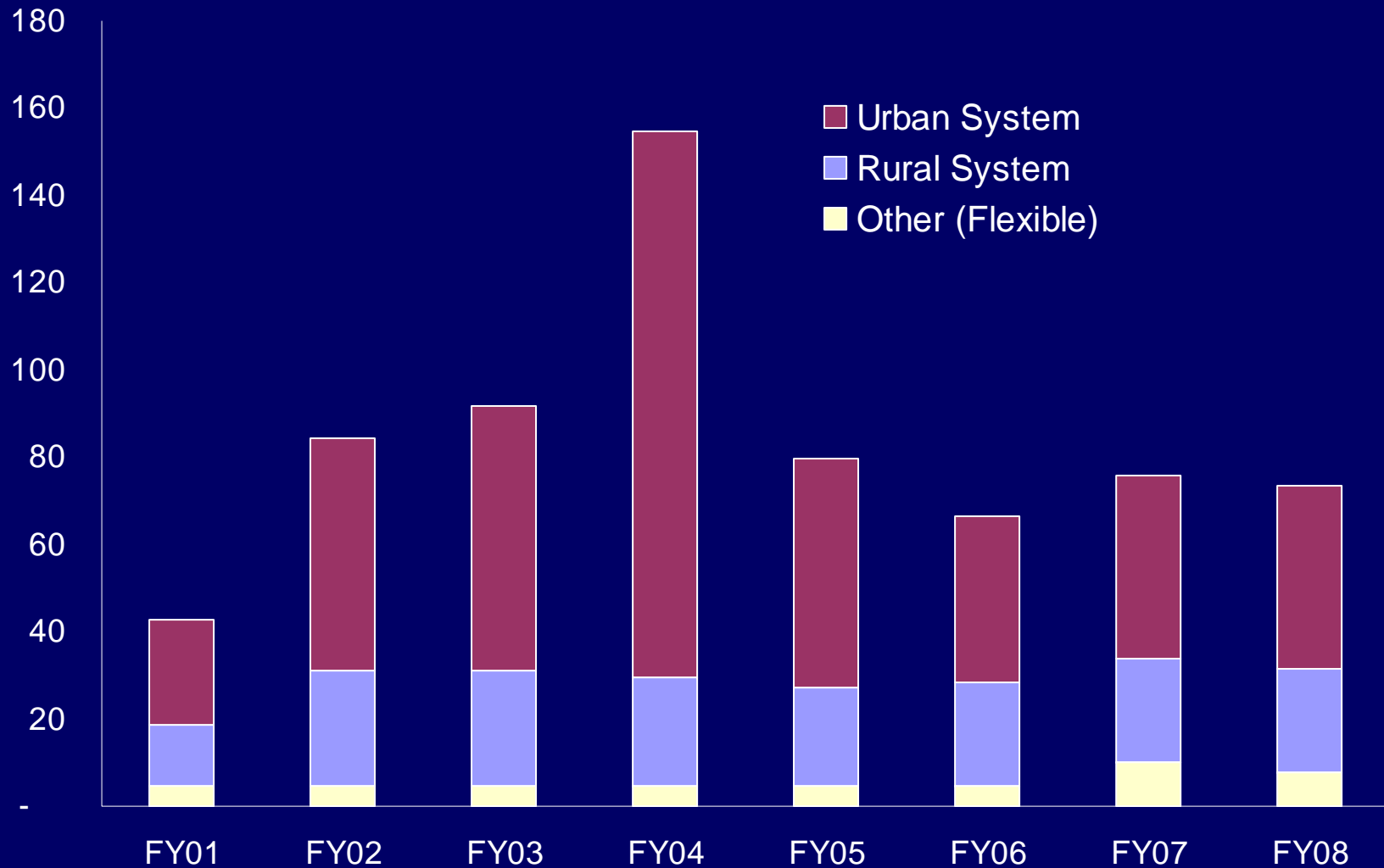
Public Transportation Highlights

- Governor's Transit 2001 Commission increased funding
- 2006 Poll, Public Transportation #1 transportation issue ranking ahead of gas prices, poor road conditions, traffic congestion, and road construction.
- Public Transportation in North Carolina
 - Fixed-route
 - Demand-response
 - Regional Express
 - Subscription Services
 - Vanpools
 - Light Rail Service
- Transit Trips are generally for:

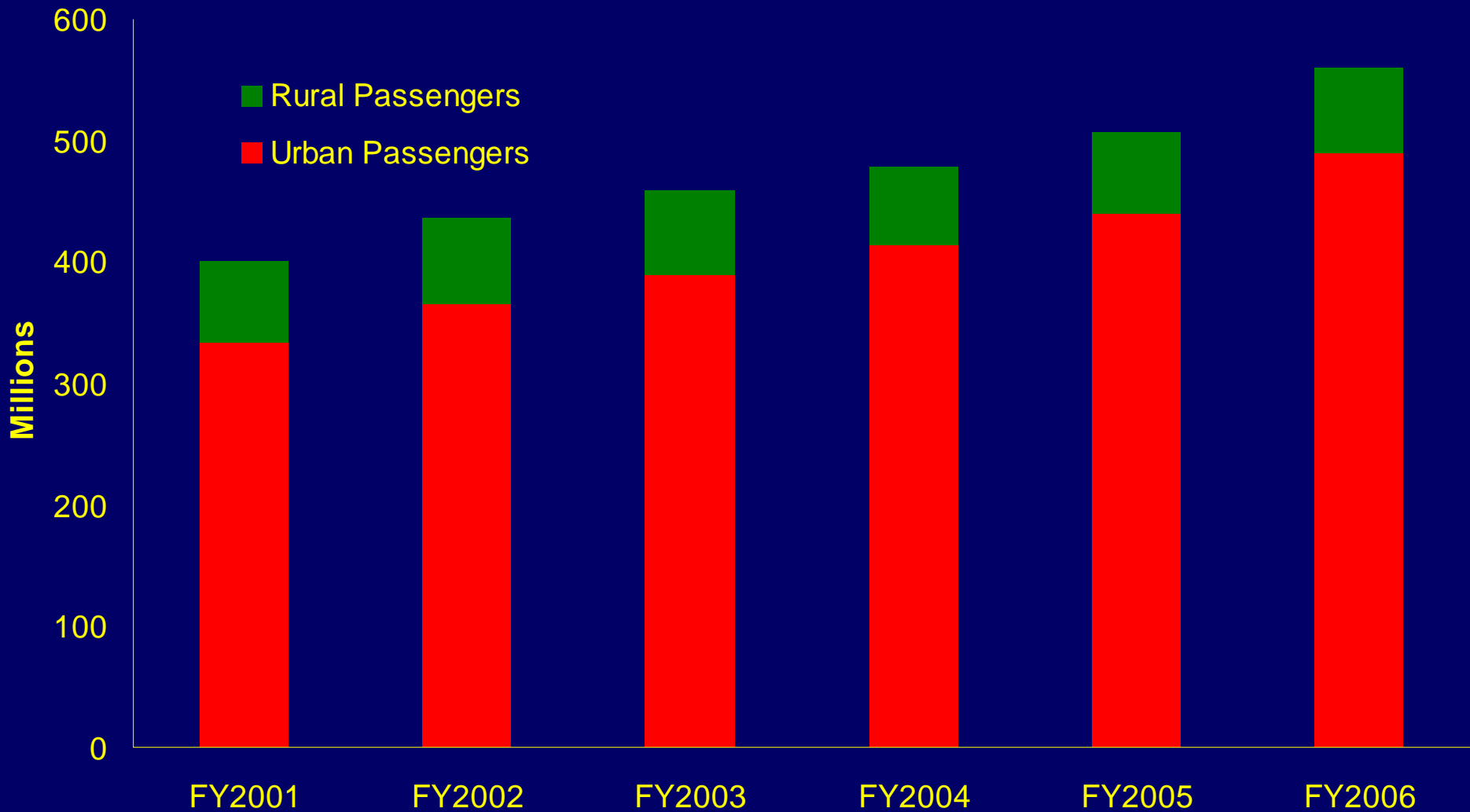
Work	50%	Education	15%
Medical	10%	Other	25%
- Rural Systems Carry 7 Million Passengers per Year
 - Using 1,800 Small Buses and Vans
- \$ 250M industry employing more than 5,000 people



State Public Transportation Funding History



Public Transportation Passengers



Future Challenges

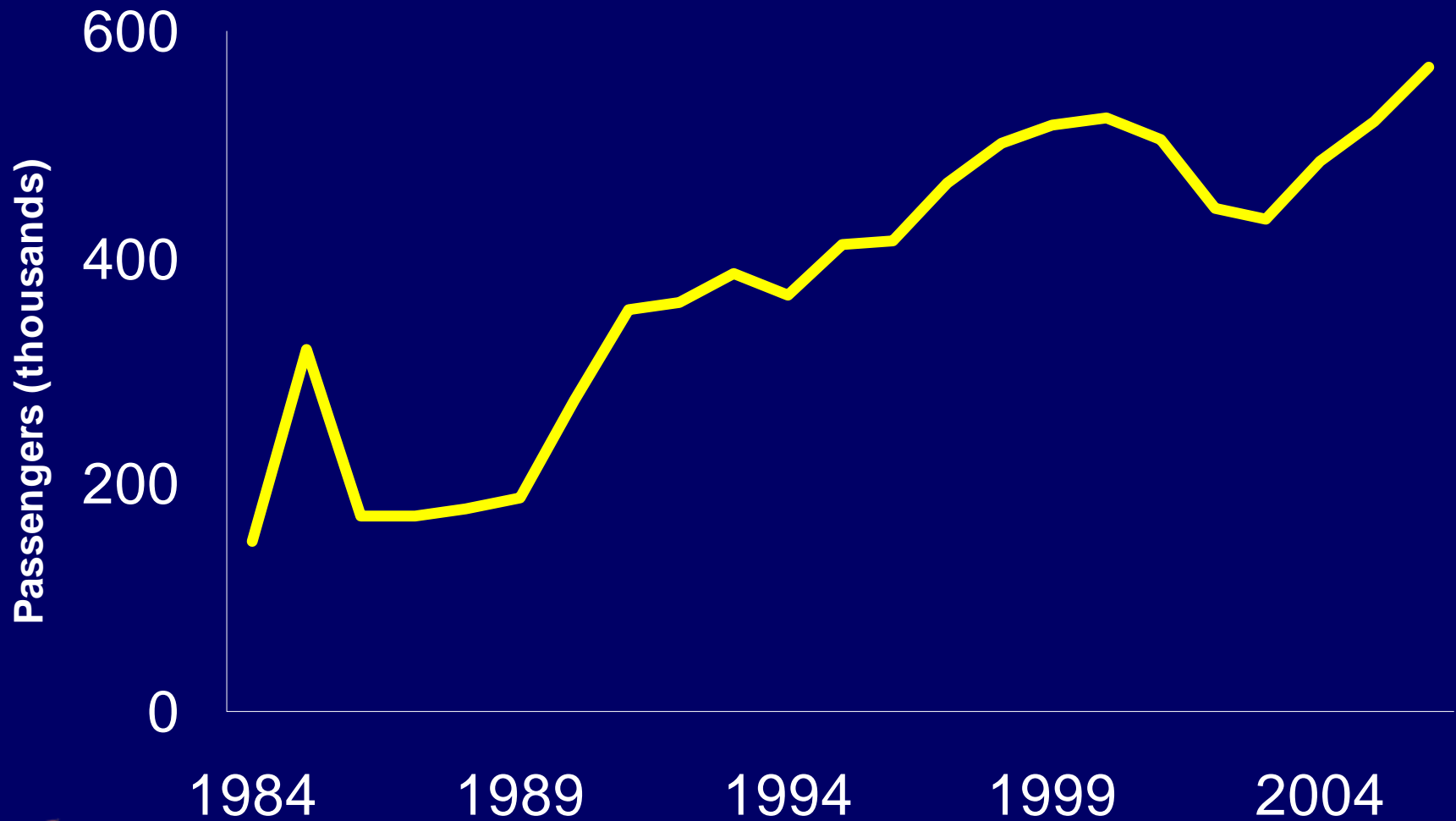
- Extensive Infrastructure Needs
 - Bus Replacement
 - Bus Expansion
 - Transit Facilities
- Providing regional connectivity
 - Benefits to Riders
 - Address Regional Transportation Problems
 - Operational and Administrative Economies
 - Coordination or Consolidation of Services
 - Adequate dedicated funding source
- Providing modal connectivity
- Funding for regional and commuter rail (New Start)
- Increased local commitment to transit investments



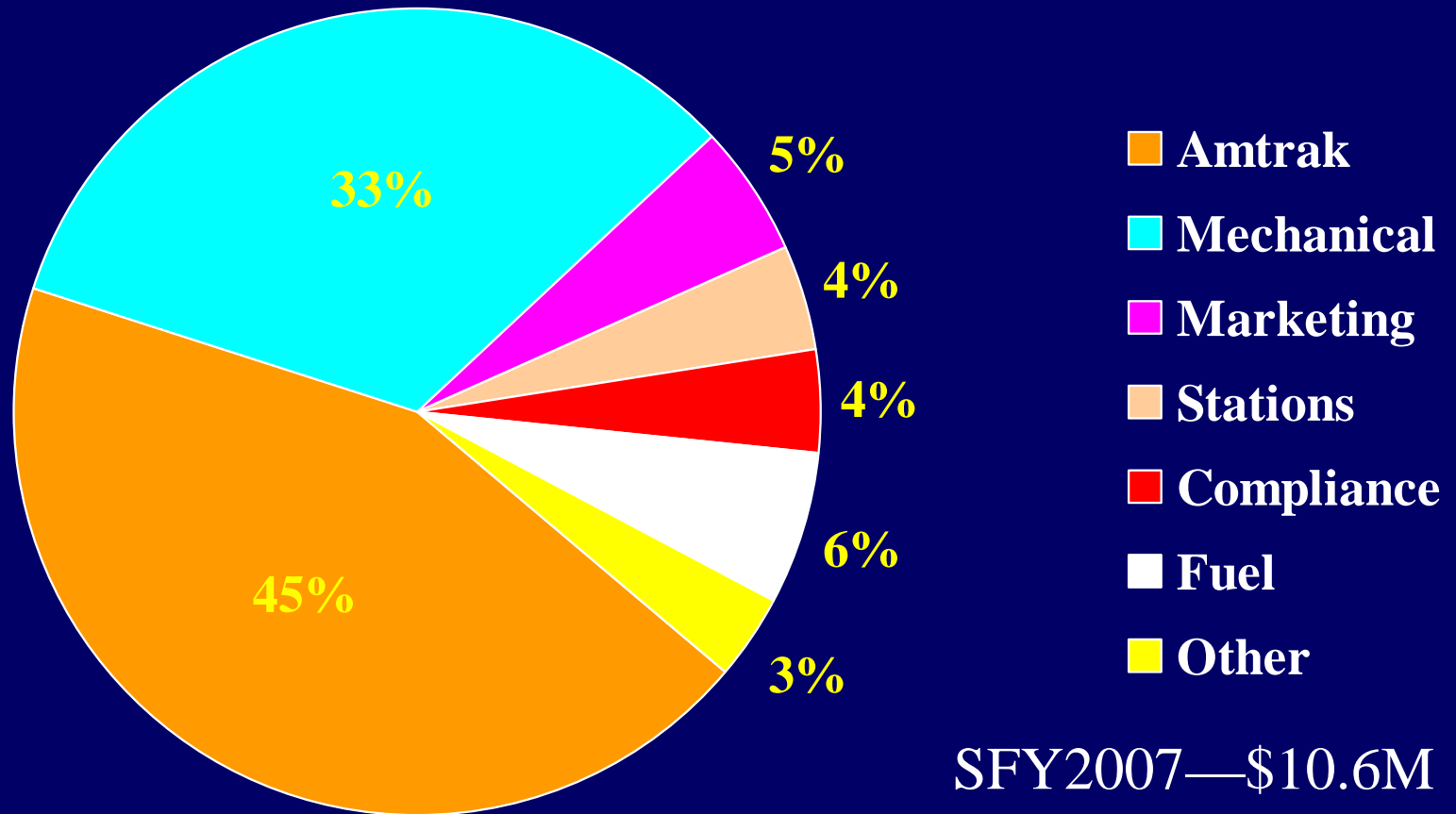
North Carolina Rail



Intercity Rail Ridership



Passenger Train Budget



Impacts of Passenger Train Service

- 572,445 passengers traveled 94,525,695 miles in 2007, 51% on state sponsored trains
- Goods and services purchased by Amtrak and Herzog in NC were \$5,773,100 during 2007
- 212 employees in NC were paid wages of \$12,347,298 during 2007
- North Carolina's direct ROI is 1.7
- Travel by train is 18% more energy efficient

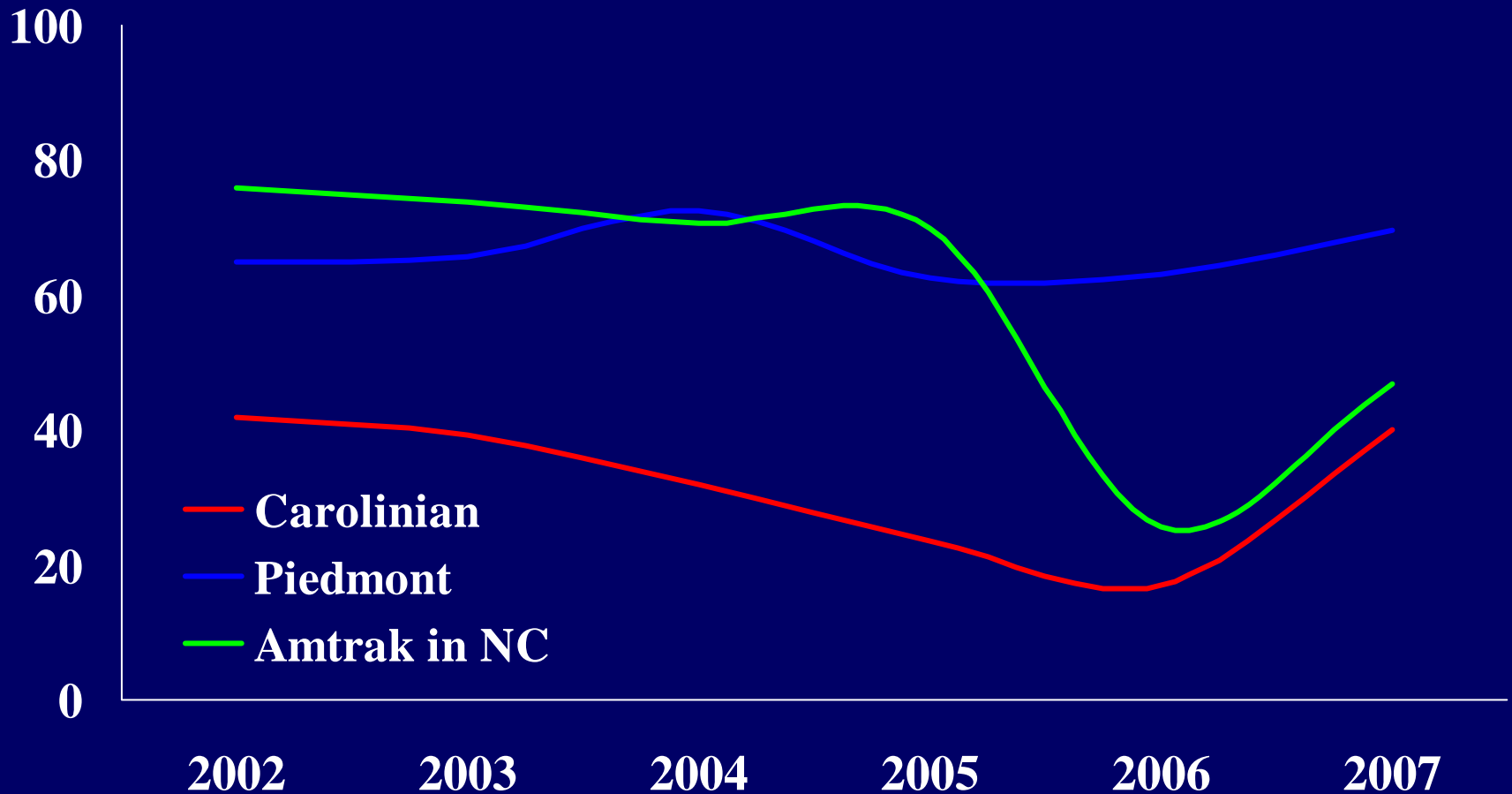


Intercity Passenger Rail Report Card

<u>Category</u>	<u>Grade</u>
Stations	A+
Equipment	B+
Customer Service	B+
Competitive Travel Time	B
Frequency	C-
Reliability	D



On-Time Performance



Freight Rail or 1:1:423

Industrial Access

- \$372,000 invested in 4 projects during 2007
- Helped create 172 jobs, \$125M leveraged and 2,942 rail cars added
- Since 1994, \$7M public investment, 4,088 jobs created, \$1,619M leveraged and 60,764 rail cars added annually to network or 243,056 trucks off NC highways

Grants to Shortlines

- \$2,041,000 invested in 12 projects during 2007
- Helped retain 4,141 jobs in 97 industries
- 44,922 annual rail cars equals 179,688 trucks off NC highways

