NJDOT

2011 Northeast Pavement Preservation Partnership Meeting
Boston, MA

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NJ Characteristics

- Highest population density in the U.S. Average = 1,030 people per sq. mi. (13 times the national average)
- Only state where all its counties are classified as metropolitan areas and represented by MPO's.
- Most dense system of highways and railroads in the U.S.
- Major seaport state with the largest seaport in the U.S. located in Elizabeth.
- Greatest traffic volumes in the U.S. (3.5 times national average)

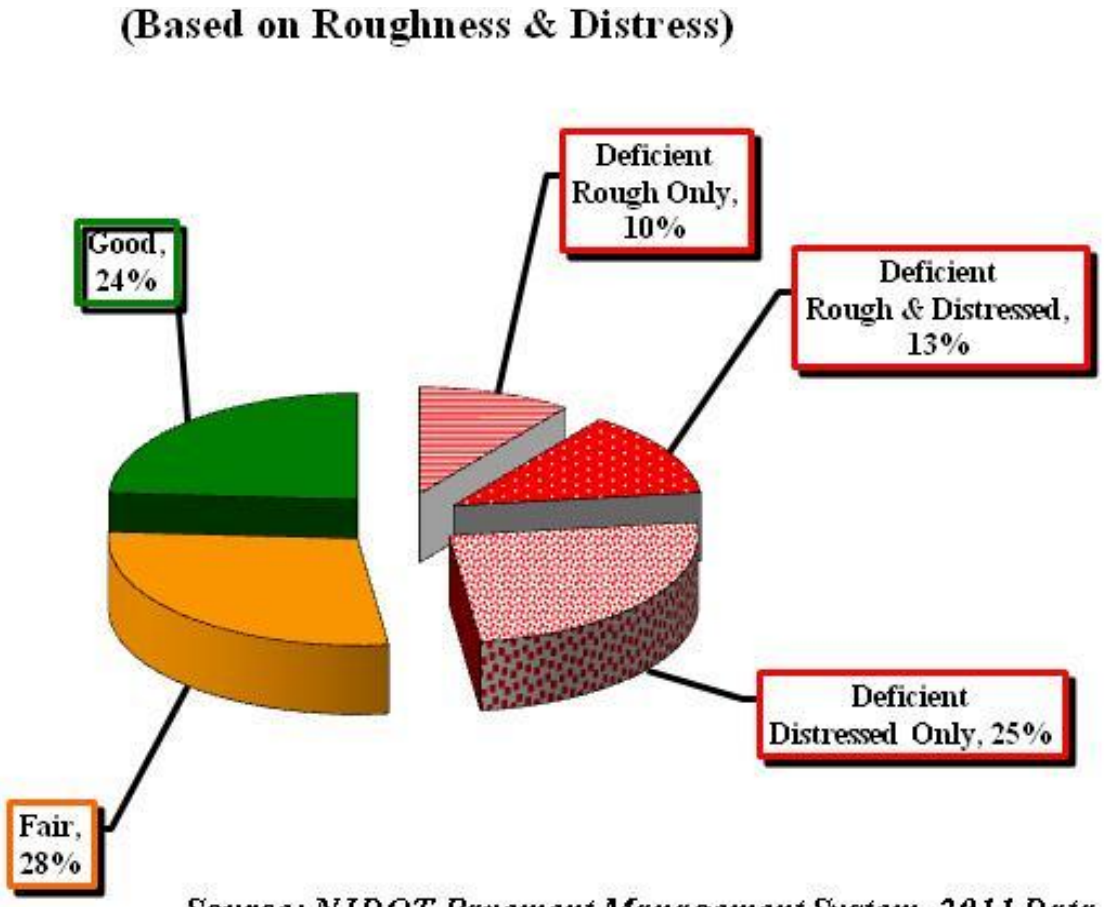
NJ State Maintained Network

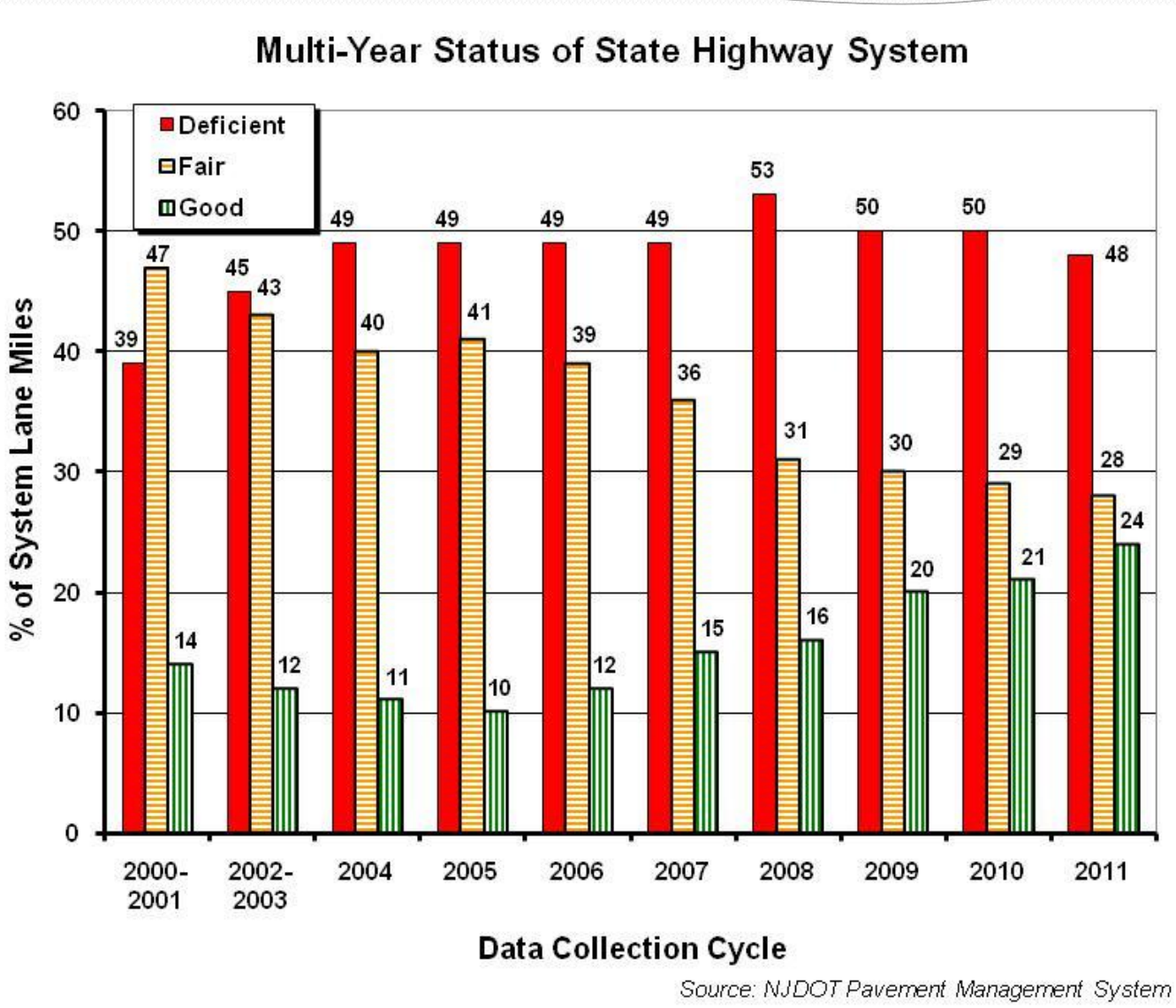
- 8410 Mainline Lane Miles

- 4665 Mainline Lineal Miles
- 4649 Ramp/Shoulder Lineal Miles

- Over 50% of NJDOT road network is composite pavement, less than 6% is exposed concrete.

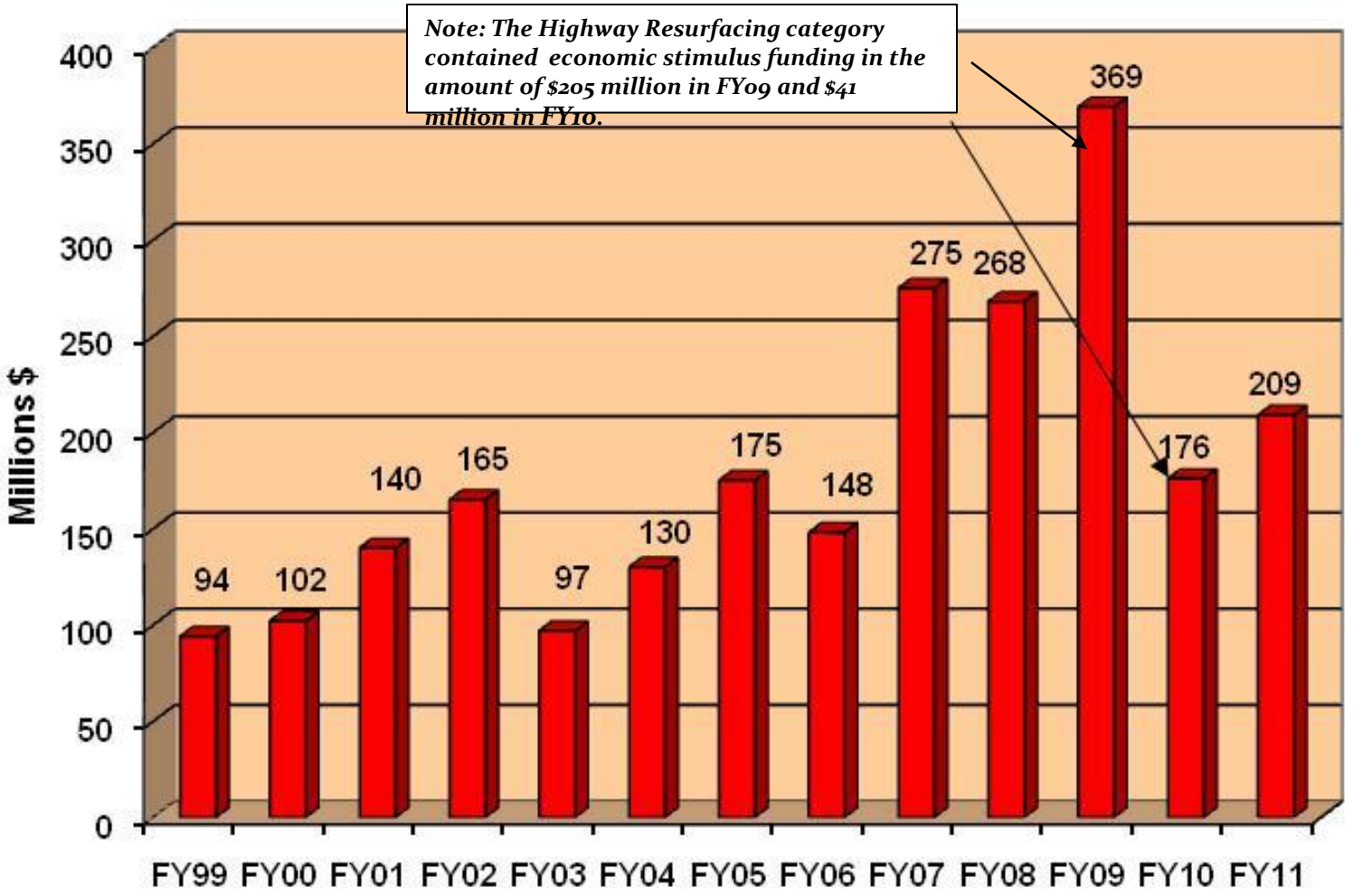
Current Network Condition





Source: NJDOT Pavement Management System

Pavement Funding History



Pavement Preservation Funding

2009	$1M	2 projects	Micro w/Thin Overlay
2010	$2M	1 project*	CPR/Diamond Grinding
2011	$3M	2 projects	1 Ultra thin overlay & 1 Microsurfacing
2012	$5M	6 projects	Microsurfacing

Expanding Preservation Toolbox

- Established Pavement Preservation Task Force to evaluate preservation treatments for use in NJ
- Invite presenters to meetings for various treatments.
- Treatments presented to date:
  - Microsurfacing
  - Hot In Place Recycling
- Future topics for presentation:
  - Cold In Place Recycling
  - Seals

Expanding Preservation Toolbox

- Challenges:
  - Developing Reliable Project Identification Criteria
  - Specification Development
  - QA methods

- Submitted Research Problem Statement to address these needs

Thank You!