

North Carolina

DEPARTMENT OF TRANSPORTATION

AASHTO TSP2 Southeast Bridge Preservation Partnership Meeting

NCDOT Bridge Performance Measures & Dashboard

Daniel Muller, PE *Structures Policy Engineer*

April 15, 2015

Bridge Performance Measure

NCDOT Bridge Health Index (BHI)

Average of the following:	
ITEM 58 - DECK	<i>0-9 PER FHWA CODING MANUAL</i>
ITEM 59 - SUPERSTRUCTURE	
ITEM 60 - SUBSTRUCTURE	
NC POSTING SCORE	<i>2-7 Based Upon Weight Posting and Road Tier.</i>
Calculated Average and Rating	
BHI \geq 6 rated GOOD	BHI < 6 rated POOR

Bridge Performance Goals

Road System	Goal (by number)
INTERSTATE	85% GOOD
PRIMARY (NC AND US ROUTES)	80% GOOD
SECONDARY (SR DESIGNATED)	70% GOOD

Statewide funds for the state funded bridge program are allocated to each of our 14 divisions in proportion to the funds needed to achieve goals through replacement, rehabilitation and preservation projects.

External Dashboard



NCDOT NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
Connecting people and places safely and efficiently, with accountability and environmental sensitivity to enhance the economy, health and well-being of North Carolina.

[Home](#) | [About](#) | [Careers](#) | [Contact](#) | [Search](#)

Business

DMV

Newsroom

Programs

Projects

Travel & Maps

Organizational Performance

Contact Us

Fatality Rate

Incident Duration

Infrastructure Health

Delivery Rate

Employee Engagement

Mission & Goals

Values

Transportation Reform

[Home](#) » [Organizational Performance](#) » [Infrastructure Health](#)

Infrastructure Health

This page displays the Department's success rate for maintaining and improving the health of our highway system. These items are indicators of the health and condition of our bridges, pavements and roadside features such as guardrails, signs and culverts.

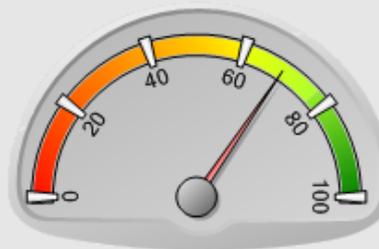
Filter these results by county:

STATEWIDE ▼

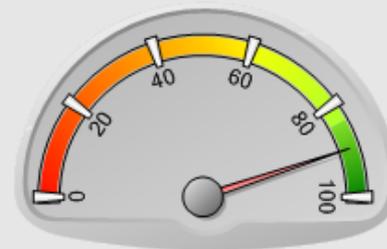
Infrastructure Health: STATEWIDE



Bridge Health Index 64.6%



Pavement Condition 68.9%



Roadside Feature Condition 89.7

Going Forward

- Reevaluate target goals given current funding levels.
- Consider adopting the National Highway Performance Program (NHPP) measures for all state owned bridges.
- Allocation methods are periodically reevaluated to seek improvement opportunities.