

Transportation Performance Measure 2: Infrastructure condition targets for the National Highway System (NHS) – Pavement Conditions

Pavement conditions are reported to FHWA by States through the HPMS for Federal-aid highways. The reporting agency uses the International Roughness Index (IRI) to measure the smoothness of pavement and ride quality. The following performance measures are used in assessing the condition of the NHS. Minimum pavement condition for the Interstate System is no more than 5% in Poor condition

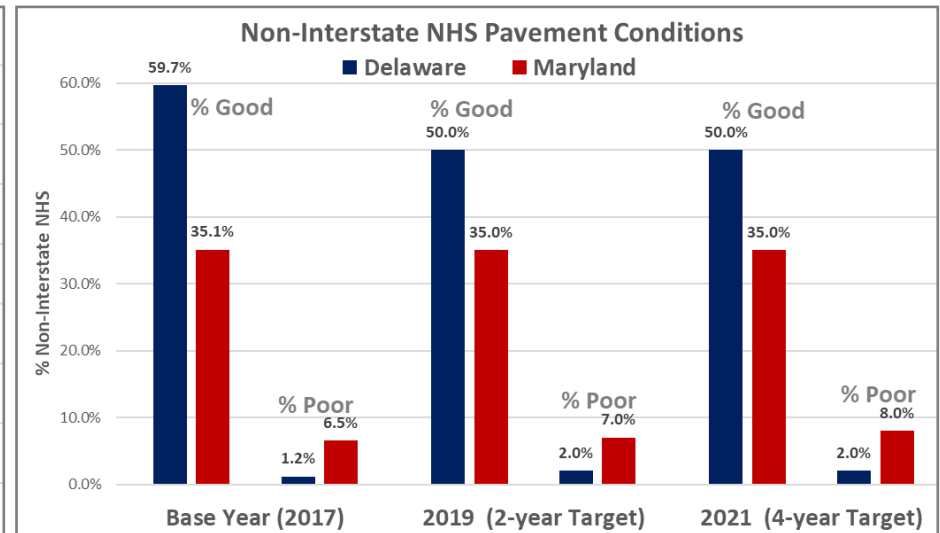
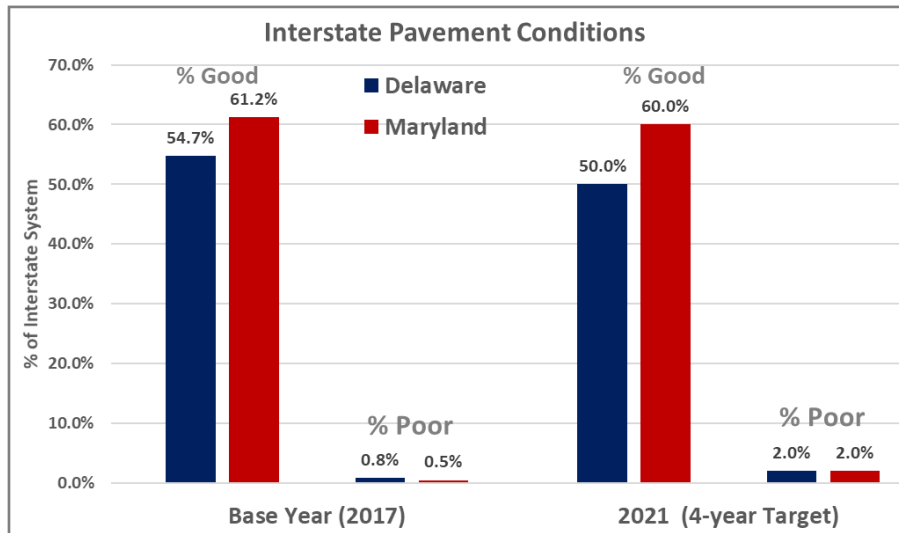
Performance Measures: Pavement Condition*
% of Interstate pavement in GOOD condition (4-year target only)
% of Interstate pavement in POOR condition (4-year target only)
% of non-Interstate NHS pavements in GOOD condition (2 and 4 year target)
% of non-Interstate NHS pavements in POOR condition (2 and 4 year target)

*Good condition: Suggests no major investment is needed.

Poor condition: Suggests major reconstruction investment is needed.

Pavement Condition Determination Method

Overall Section Condition Rating	Pavement Type		Measures
	Asphalt and Jointed Concrete	Continuous Concrete	
Good	3 metric ratings (IRI, cracking and rutting/faulting)	2 metric ratings (IRI and cracking)	percentage of lane-miles in "Good" condition
Poor	≥ 2 metrics rated "Poor"	Both metrics rated "Poor"	percentage of lane-miles in "Poor" condition
Fair	All other combinations	All other combinations	



Transportation Performance Measure 3: Infrastructure condition targets for the National Highway System (NHS) – Bridge Conditions

States and MPOs must establish two and four targets for all bridges carrying the NHS, which includes on-and off-ramps connected to the NHS within a State, and bridges carrying the NHS that cross a State border, regardless of ownership. States must maintain NHS bridges at less than 10.0% of deck area as structurally deficient.

Bridge Condition Performance Measures
% of NHS bridges classified as in GOOD condition
% of NHS bridges classified as in POOR condition

Measure: Based on deck area based on National Bridge Inventory (NBI) condition ratings for the bridge deck, Superstructure, Substructure and/or Culvert. Condition is determined by the lowest rating of the four ratings.

NBI Rating Scale <small>(from 0 – 9)</small>		9 8 7	6 5	4 3 2 1 0
		Good	Fair	Poor
Bridge	Deck <small>(Item 58)</small>	≥ 7	5 or 6	≤ 4
	Superstructure <small>(Item 59)</small>	≥ 7	5 or 6	≤ 4
	Substructure <small>(Item 60)</small>	≥ 7	5 or 6	≤ 4
	Culvert <small>(Item 62)</small>	≥ 7	5 or 6	≤ 4

