

2050 Metropolitan Transportation Plan (MTP)

Performance Measures – Vehicle Miles Traveled (I.c)

Goal -- Protect the human and natural environment and minimize climate change

Objective – Reduce negative impacts on natural and cultural environment

The table in this document shows the daily miles travelled by county for the base year (year 2016), Existing + Committed (E+C), and adopted 2050 MTP scenarios. The E+C is essentially a no-build scenario. It is the population and employment in the year 2050 on the current transportation network of roadways and transit service.

The VMT table shows large increases from 2016 to 2050 in every county, with Chatham County and Wake County topping the growth list at 113% and 93%. This fast VMT growth drives increases in related performance measures related to travel delay, congestion, average trip time, and carbon emissions.

Vehicle Miles Traveled	(millions of miles, daily) Year ==>	2016	2050	2050	% change
Scenario ==> County*	Scenario ==> Unit of Measure	Existing	Existing + Committed	Adopted	2016 to 2050 Adopted
Chatham	millions of miles	1.7	3.9	3.6	113%
Durham	millions of miles	9.0	13.9	13.7	53%
Granville	millions of miles	1.2	2.1	1.9	60%
Franklin	millions of miles	1.3	2.5	2.4	80%
Harnett	millions of miles	1.0	1.7	1.6	62%
Johnston	millions of miles	5.6	10.4	10.0	78%
Orange	millions of miles	4.9	7.8	7.7	57%
Person	millions of miles	0.6	0.8	0.8	24%
Wake	millions of miles	27.0	51.0	52.2	93%
Total	millions of miles	52.4	94.0	93.9	79%

* Values are for the area of the County that is within the Triangle Regional Model boundary.