Performance Targets

As part of the same process for creating the Goals and Objectives, the DCHC MPO develops a set of performance targets to provide a set of broadly based quantitative measures that evaluate the transportation plan from several different perspectives. The targets mostly use measurements from the Triangle Regional Model (the region's travel demand model), such as the miles traveled, trips taken, congestion levels, and mode split (between automobiles, transit, bicycling and walking). The targets that the MPO seeks to achieve with its transportation investments are shown in the table below.

The values in the tables are used as follows:

Comparison Data – this information provides contextual values for comparing the 2040 LRTP and Target values:

- 2010 – This is the current condition. It is the 2010 population and employment using the 2010 transportation network (e.g., highways and transit service).
- 2040 E+C – This is the no-build condition, or "Existing plus Committed" (E+C). It is the 2040 SE Data using the existing transportation network.
- 2035 LRTP and 2040 – This is the 2040 SE Data using the 2035 LRTP network. It is the 2035 SE Data adjusted with a five-year growth cycle to reflect the 2040 horizon year.

Targets – There are three Target values, Good, Better and Best. The use of more than one Target value helps to set a range of values that can be used for comparison.

Targets for 2040 LRTP

		Comparison Data			Targets		
No.	Mobility Targets	2010	2040 E+C	2040	Good	Better	Best
1	VMT Per Capita (daily miles)	31	31	31	30	29	28
2	Percent of population whose avg trip time is greater than 15 minutes (all trips)	27%	44%	28%	25%	22%	20%
3	Average Travel Time: all peak trips (daily minutes)	15	16	15	14	13	12
4	Transit Mode Share: all trips	2.8%	2.2%	2.6%	5%	7%	10%
5	Percent SOV Trip Share: work trips	81%	80%	79%	78%	75%	72%
6	Percent Non-motorized Trip Share: all trips	10%	11%	12%	13%	14%	16%
7	Greenhouse Gas Change: annual per capita emissions from transportation sector (in tons)	9.6	9.5		9.0	8.6	8.1
8	Cost of Congestion (daily; in million $)	$0.62	$3.2	$1.9	$1.8	$1.5	$1.2
9	Low and Moderate Income Population within 1/4 mile of transit	67%	67%	78%	80%	83%	85%