Version 3.0.0 - What's New?

WFRC / MAG

Modeling Process

The regional travel modeling process is unchanged and is depicted in the figure below. The regional travel demand model used jointly by WFRC and MAG is a trip-based, 5-step model. Some important features of the model set include an auto ownership choice model with density and transit accessibility measures, a feedback loop between distribution and assignment, and nested logit mode choice models, including a non-motorized nests.

The land-use projections fed into the travel model are fixed for a given year and are derived by growing current year socioeconomic data by factors that are based on density, controlling countywide totals to estimates derived from a macro-economic model. Local planners then review TAZ-level data and adjustments are made where reasonable.
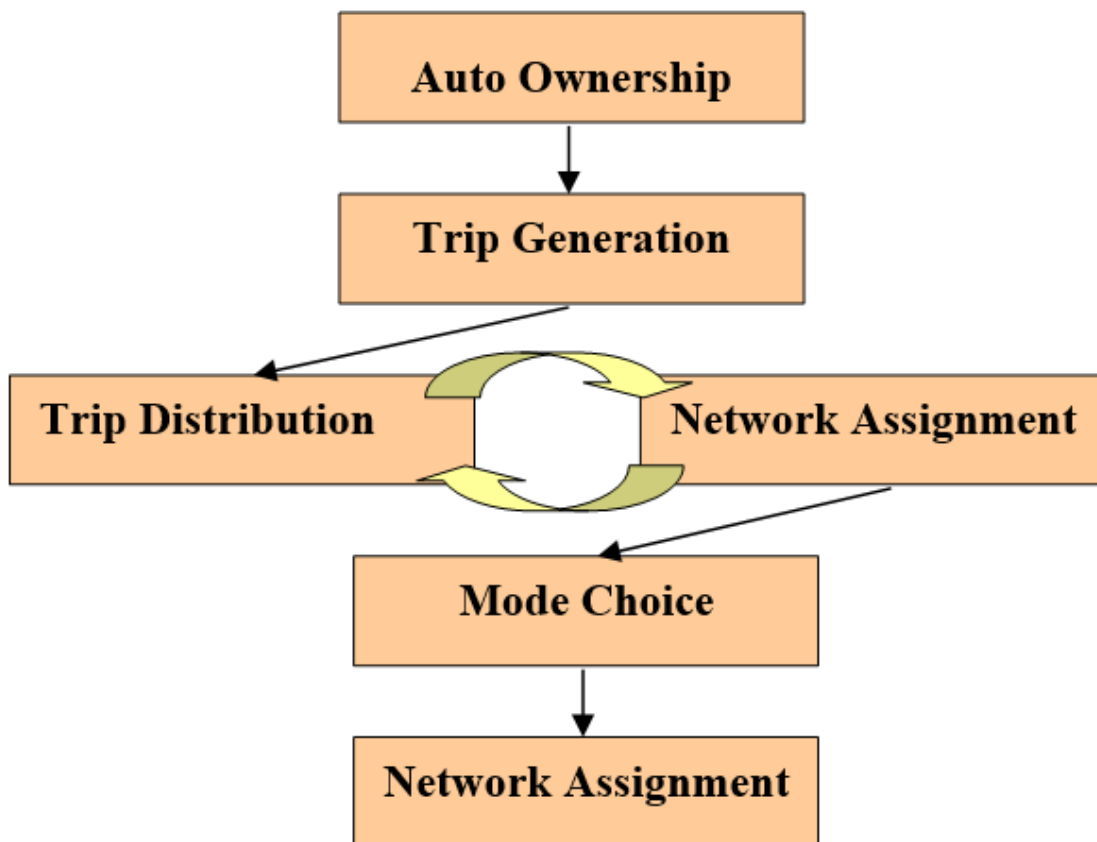

Figure 1: Modeling process.