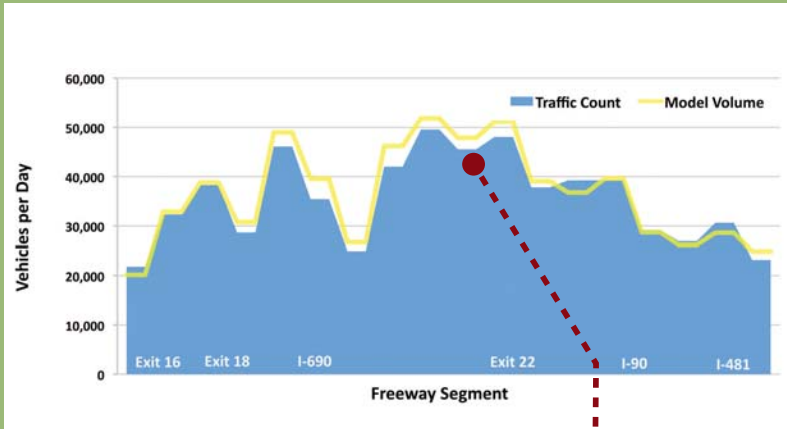


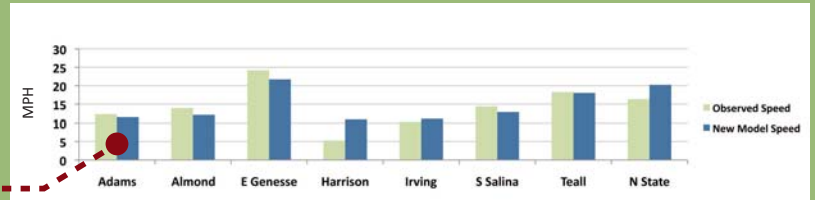
Modeling the present

The first step in using the Regional Travel Demand Model for The I-81 Challenge is to simulate the current “real world”

I-81 NORTHBOUND TRAFFIC FLOWS: TRAFFIC COUNTS AND MODELED VOLUMES



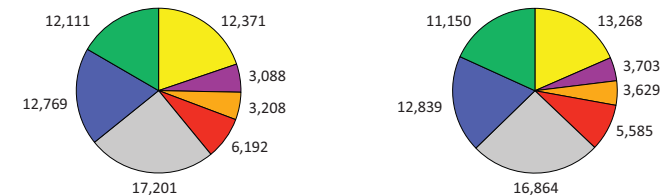
MODEL ARTERIAL SPEEDS COMPARED TO OBSERVED ARTERIAL SPEEDS



WHY THE DIFFERENCE?

Modeling peoples’ travel behavior is a difficult undertaking since behavior is variable and complex. Travel models are developed from and compared to a wide variety of data sources, so travel models can’t be expected to match any one source exactly.

DAILY WORK TRIPS BY DISTRICT GOING TO SYRACUSE: CENSUS DATA VS. MODEL OUTPUT



2000 Census

Model Output



- Camillus, Elbridge, Lysander, Van Buren
- Marcellus, Otisco, Skaneateles, Spafford
- Fabius, Lafayette, Pompey, Tully
- Onondaga, Onondaga Res
- Cicero, Clay
- Dewitt, Manlius
- Geddes, Salina