



Memorandum

To: CHART Committee
From: Ann Whitham, Planner
Date: October 30, 2007
Re: Draft 2007 Benchmark Data Analysis and Methodology

MPO, City and County staff are in the process of generating 2007 socio-economic data to be used as part of the technical analysis in the MPO area for the Long Range Plan update. The MPO area and areas just outside the MPO boundary are separated into fifteen districts to facilitate review and analysis. Each district is comprised of several transportation analysis zones (TAZ). A TAZ is a unit of geography used to gather inputs for modeling.

In addition to the 11" x 17" data table, the benchmark data is presented in an alternative format with the districts listed separately and accompanied by thumbnail maps for geographic orientation.

To date, City and County staff have provided the MPO with preliminary household and public school enrollment data. Employment data for the First Quarter 2007 from the Virginia Employment Commission is forthcoming. Albemarle County and City of Charlottesville calculation methodologies for the available data included in your packet are detailed below.

City of Charlottesville

Dwelling Units: Dwelling units were calculated from parcel data in the City of Charlottesville Assessor's Records. Due to the varying types of group quarters (dormitories, fraternities and sororities, and elderly care facilities) dwelling unit counts were not collected for group quarters.

Population: Population was based on the average number of persons in housing units by type as found in the 2000 Census of Population and Housing for the City of Charlottesville. Population data for group quarters (dormitories, fraternities and sororities, and elderly care facilities) was gathered via a census of dormitories, fraternity houses, group care homes and rooming houses. For facilities that could not be contacted, an estimate of the population was generated from the census of facilities under the same land use category. The vacancy rate was accounted for by including vacant housing units when compiling the average number of persons per dwelling unit multiplier.

Vehicles: Vehicles data was based on an average vehicles per household multiplier used in the 1998 base year model run.

School Enrollment: Actual September 2007 enrollment data for Charlottesville City Schools and all kindergarten and higher private schools is included. Nursery schools data is not included.

Albemarle County

Dwelling units: Dwelling units were calculated from parcel data in Albemarle County's CityView System. Due to the varying types of group quarters (dormitories, fraternities and sororities, and elderly care facilities) dwelling unit counts were not collected for group quarters.

Population: Population was based on the average number of persons in housing units by type as found in the 2000 Census of Population and Housing for urbanized areas of Albemarle County. Group quarters population figures were instead gathered by ascertaining the census of the facility. The vacancy rate is factored in by including vacant housing units when compiling the multiplier.

Vehicles: Vehicles data was based on an average vehicles per household multiplier used for the 1998 base year model run.

School Enrollment: Actual September 2007 enrollment data for Albemarle County Schools and all kindergarten and higher private schools is included. Nursery schools data is not included.