

Summary of MOVES Input Decisions (MOVES Task Force)

MOVES Input	Responsible Party	Methodology/Data
Emissions Development Approach	MWCOG	“Inventory” approach
I/M Program	State Air Agencies	MD/VA - EPA methodology/local data in MOVES format DC – EPA default used thus far for model testing
Fuel Inputs	State Air Agencies	MD/VA – EPA methodology/local data in MOVES format DC – EPA default used thus far for model testing
MD Clean Car Program	MDE	EPA methodology to prepare necessary databases for modeling this program
Meteorology	MWCOG (DEP)	Upcoming Ozone SIP - Meteorology dataset based on 3 year period (2007-09) from two weather stations (IAD & DCA) in MOVES format Conformity analyses – Meteorology data in ozone SIP (1997 std, May 2007), PM2.5 SIP (1997 std, March 2008), and winter CO Maintenance Plan (1971 std, September 1995) converted to MOVES format using EPA converter for MOVES based conformity analyses
Vehicle Age Distribution	MWCOG (DTP)	EPA convertor used to convert local registration data in Mobile6.2 format to MOVES format.
Vehicle Type Population	MWCOG (DTP)	Data prepared using local 2008 registration data and EPA provided vehicle equivalencies for current year and local vehicle population growth factors for future analysis years
Vehicle Type VMT	MWCOG (DTP)	Data prepared using post-processor VMT assigned to MOVES vehicle types using HPMS vehicle type percentages and EPA convertor
VMT Fraction	MWCOG (DTP)	Staff developed methodology using post-processor VMT fractions augmented by defaults, and local urban/rural split percentages
Ramp Fraction	MWCOG (DTP)	EPA default
Speed Distribution	MWCOG (DTP)	Mobile 6.2 post-processor speed distribution augmented by local observed data for buses and refuse trucks