

EPA RELEASES NEW MOBILE SOURCE EMISSIONS MODEL

An updated version of the Motor Vehicle Emission Simulator (MOVES) model, MOVES2010, is available for use to estimate air pollution from cars, trucks, and other on-road mobile sources. The model can also calculate the emissions reduction benefits from a range of mobile source control strategies, such as inspection and maintenance programs and local fuel standards. The MOVES2010 model replaces EPA's MOBILE6.2 emissions factor model. Under the Clean Air Act, EPA is required to update regularly the way it calculates mobile source emissions. EPA is continuously collecting data and conducting emissions studies to assess the air quality impacts of on-road vehicles. As a result of using data collected from millions of cars and trucks gathered since MOBILE6.2 was released in 2004, MOVES2010 provides increased accuracy in emissions inventory results.

The model can estimate emissions on a range of scales from national emissions impacts down to the impacts of individual transportation projects. Another improvement is the ability to express output as either total mass (in tons, pounds, kilograms, or grams) or as emissions factors (grams-per-mile, and in some cases, grams-per-vehicle).

MOVES2010 is currently the best tool EPA has for estimating greenhouse gas (GHG) emissions from the transportation sector. It is a significant improvement over MOBILE6.2 and previous versions of MOVES for GHG estimation. State and local agencies estimating GHG emissions in the transportation planning process should consider using MOVES2010 for GHG emissions analyses in the future.

For more information: <http://www.epa.gov/otaq/models/moves/index.htm>