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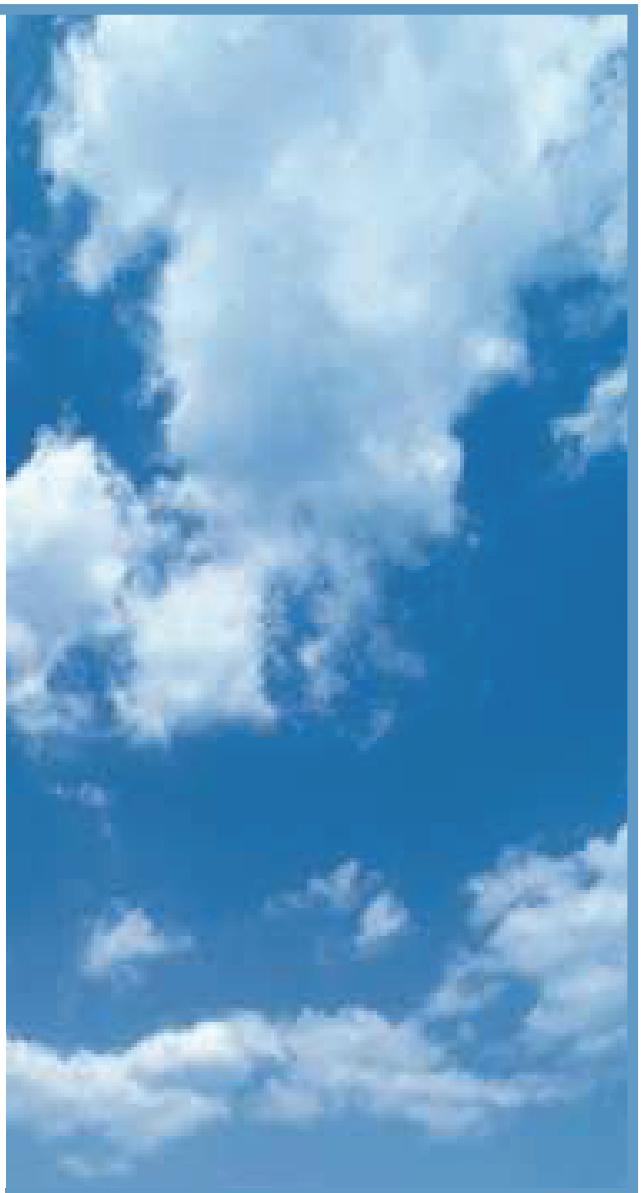
Air Quality Conformity Analysis

for the 2012-2015 Statewide Transportation Improvement Program and *Connecting Maine: Planning Our Transportation Future*

for

Maine's Ozone Maintenance Areas including the Metropolitan Planning Organizations: PACTS and KACTS



Prepared by

MaineDOT

with assistance from the
Maine Department of Environmental Protection

October 2011

Air Quality Conformity Analysis

2012-2015 Statewide Transportation Improvement Program, and

Connecting Maine, Maine's 2035 Long Range Transportation Plan

October 2011

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Air Quality Conformity Analysis

INTRODUCTION

This report documents the air quality conformity determination for the re-adoption of *Connecting Maine,* Maine's 2035 Long-Range Transportation Plan (LRP) and the 2012-2015 Statewide Transportation Improvement Program (STIP). The report was prepared by the Maine Department of Transportation (MaineDOT) and the Maine Department of Environmental Protection (MaineDEP) in coordination with the PACTS and KACTS Metropolitan Planning Organizations (MPO).

Transportation conformity is required under the Clean Air Act (CAA) and the Clean Air Act Amendments of 1990 (CAAA). The purpose of the transportation conformity process is to ensure that federally funded or approved transportation projects, programs and plans are reviewed and evaluated for their impacts on air quality. Specifically, the projects and other federally funded activities contained in the LRP or STIP may not cause or contribute to new violations, exacerbate existing violations, or interfere with the timely attainment of air quality standards. The transportation conformity process requires the active participation of all agencies (federal, state, and local) that implement federally funded transportation projects and programs within the Portland and Midcoast areas.

This report demonstrates transportation conformity to the 8-hour ozone National Ambient Air Quality Standards for Maine's two ozone maintenance areas. This analysis has been prepared in accordance with U.S. Environmental Protection Agency's (EPA) final conformity rule. The following sections of this report briefly discuss Maine's air quality designations, identify the applicable transportation plans/program in the conformity analysis, describe the interagency consultation process, highlight the methodology used to perform the current analysis, and present the final conformity determination.

MAINE'S AIR QUALITY DESIGNATIONS

The CAA requires EPA to set National Ambient Air Quality Standards (NAAQS) for pollutants considered harmful to public health and the environment. The CAA established two types of national air quality standards. Primary air quality standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly. Secondary air quality standards set limits to protect public welfare, including protection against decreased visibility, damage to animals, crops, vegetation, and buildings.

The EPA Office of Air Quality Planning and Standards (OAQPS) has set NAAQS for six principal pollutants, which are called "criteria" pollutants. The six criteria pollutants are carbon monoxide, lead, nitrogen oxides, particulate matter, ozone, and sulfur dioxides. Areas that do not meet the NAAQS are designated as nonattainment areas and, as a result, are subject to transportation conformity. Maintenance areas are geographic regions that were previously designated as nonattainment, but are now consistently meeting the NAAQS. Transportation

conformity requires nonattainment and maintenance areas to demonstrate that all future transportation projects will not hinder the area from reaching and maintaining its attainment goals.

Maine currently has two regions (Portland and Midcoast) designated as maintenance areas for the 8-hour ozone standard and one small area (downtown Presque Isle) designated as a maintenance area for PM_{10}. No carbon monoxide, lead, nitrogen oxides, or sulfur dioxide nonattainment areas have been identified in Maine.

Ozone

In 1997, the EPA issued the 8-hour Ozone NAAQS. Based on the available evidence, EPA determined that the previous 1-hour ozone standard was inadequate for protecting public health. Scientific information shows that ozone can affect human health at lower levels, and over longer exposure times than one hour. The 8-hour NAAQS for Ozone was revised on March 27, 2008[1] from 0.080 parts per million (ppm) over an 8-hour period to 0.075 ppm. The fourth highest value in a year, rounded to the nearest 0.01 and averaged over three years, may not exceed this level at any monitor in the area. The revised standard was effective May 27, 2008. However, nonattainment designations have not occurred based on the 2008 8-hour Ozone NAAQS and transportation conformity continues to be illustrated to the 1997 8-hour Ozone NAAQS.

On December 11, 2006 EPA published the final rule[2] redesignating Maine's two ozone nonattainment areas (Portland and Midcoast) to attainment and approving the maintenance plans for these areas. The effective date of the rule was January 10, 2007. Consequently, all areas of the state currently meet the NAAQS for all applicable pollutants. The Portland and Midcoast areas are now categorized as 8-hour ozone maintenance areas.

Figure 1 shows the boundaries of Maine's two 8-hour ozone maintenance areas and their relationship to the two metropolitan planning areas. The Portland 8-hour ozone maintenance area encompasses portions of four counties, and includes 55 municipalities. The Portland ozone area also encompasses the transportation planning jurisdictions of the KACTS and PACTS MPOs. The Midcoast 8-hour ozone maintenance encompasses portions of four counties and includes 54 municipalities. Table 1 describes each ozone maintenance area by county and municipality.

[1] Office of the Federal Register, *Federal Register: March 27, 2008 (Volume 73, Number 60)*, (Government Printing Office), 16436-16514.
[2] Office of the Federal Register, *Federal Register: December 11, 2006 (Volume 71, Number 237)*, (Government Printing Office), 71489-71491.

Figure 1: Maine's Ozone Maintenance Areas

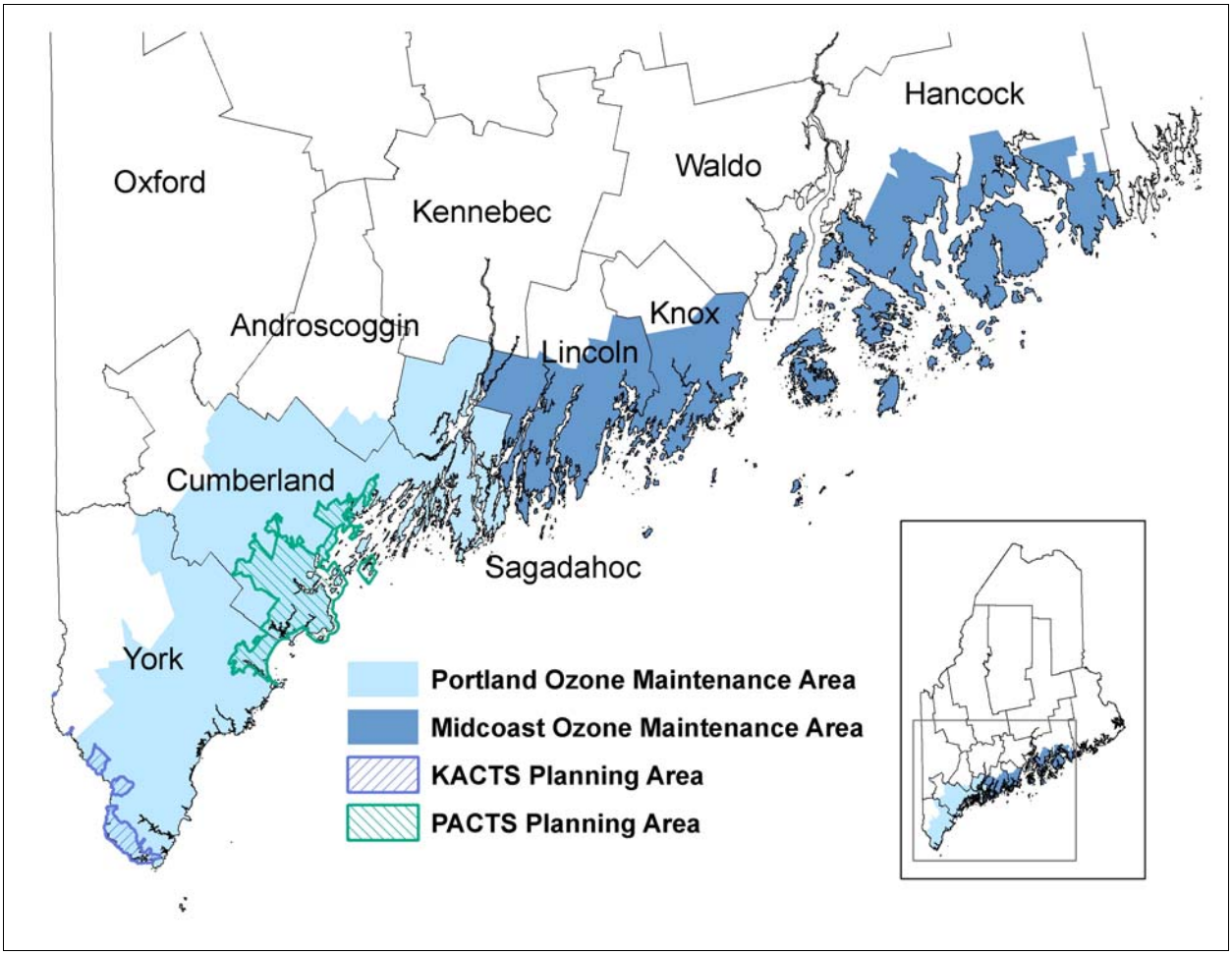


Table 1: Maine's Ozone Maintenance Areas by County and Municipality

Area	County	Towns
Portland	York	Alfred, Arundel, Berwick, Biddeford, Buxton, Dayton, Eliot, Hollis, Kennebunk, Kennebunkport, Kittery, Limington, Lyman, North Berwick, Ogunquit, Old Orchard Beach, Saco, Sanford, South Berwick, Wells, and York
Portland	Cumberland	Brunswick, Cape Elizabeth, Casco, Cumberland, Falmouth, Freeport, Frye Island, Gorham, Gray, Harpswell, Long Island, New Gloucester, North Yarmouth, Portland, Pownal, Raymond, Scarborough, South Portland, Standish, Westbrook, Windham, and Yarmouth
Portland	Androscoggin	Durham
Portland	Sagadahoc	Arrowsic, Bath, Bowdoin, Bowdoinham, Georgetown, Perkins Twp, Phippsburg, Richmond, Topsham, West Bath, and Woolwich.
Midcoast	Lincoln	Alna, Boothbay, Boothbay Harbor, Bremen, Bristol, Damariscotta, Dresden, Edgecomb, Monhegan Island Plt, Newcastle, Nobleboro, South Bristol, Southport, Waldoboro, Westport, and Wiscasset
Midcoast	Knox	Camden, Cushing, Criehaven Twp, Friendship, Isle Au Haut, Matinicus Isle Plt, Muscle Ridge Shoals Twp, North Haven, Owls Head, Rockland, Rockport, South Thomaston, St. George, Thomaston, Vinalhaven, and Warren
Midcoast	Waldo	Isleboro
Midcoast	Hancock	Bar Harbor, Blue Hill, Brooklin, Brooksville, Cranberry Isles, Deer Isle, Frenchboro, Gouldsboro, Hancock, Lamoine, Mt. Desert, Sedgwick, Sorrento, Southwest Harbor, Stonington, Sullivan, Surry, Swans Island, Tremont, Trenton, and Winter Harbor

Particulate Matter (PM_{10})

Maine had one nonattainment area for particulate matter (PM_{10}) that was redesignated to attainment effective October 30, 1995. This area is located in downtown Presque Isle, within a one-half mile radius of the Northeastland Hotel. Figure 1 shows the boundaries of Presque Isle PM_{10} maintenance area.

Subsequent analysis of the Presque Isle area by MaineDEP determined that the documented exceedences of the PM_{10} standard were attributable to road dust from local winter maintenance activities and not motor vehicle exhaust. The City of Presque Isle, MaineDEP, and MaineDOT entered a joint memorandum of understanding (MOU) that includes several measures to control dust emissions from paved roads in the downtown area.

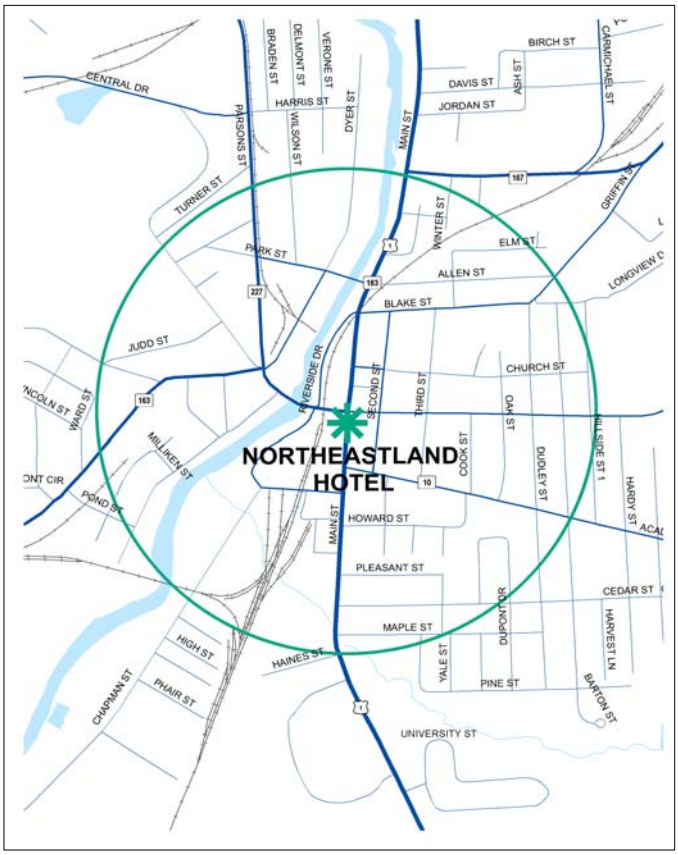


Figure 2: Presque Isle PM_{10} Maintenance Area

CONFORMITY REQUIREMENTS

Ground level ozone is produced by the reaction of several pollutants in the presence of sunlight. Volatile organic compounds (VOC) and nitrogen oxides (NOx) are the primary reactants. Thus, under the EPA conformity regulations, both VOC and NOx must be analyzed for regional transportation conformity in ozone nonattainment and maintenance areas.

Regional Emissions Analysis

The federal transportation conformity rule[3] specifies criteria and procedures for conformity determinations for transportation plans, programs, and projects and their respective amendments. The federal transportation conformity rule was first promulgated on November 24, 1993, by EPA, following the passage of amendments to the federal Clean Air Act in 1990. The federal transportation conformity rule has been amended several times since its initial release to reflect both EPA rule changes and court opinions.

The primary criteria for transportation conformity determinations include:

1. **Conformity Tests.** The plan or program must pass all the applicable conformity tests using motor vehicle emissions budgets (MVEB) or interim emissions approved by EPA for transportation conformity purposes (Sections 93.118 and 93.119).

[3] United States Environmental Protection Agency. 40 CFR Part 93. *Determining Conformity of Federal Actions to State or Federal Implementation Plans.* As amended on January 24, 2008.

2. **Latest Planning Assumptions and Emission Models.** The conformity determinations must be based upon the most recent planning assumptions and latest emission estimation models available (Sections 93.110 and 93.111).

3. **Timely Implementation of TCMs.** The plan or program must provide for the timely implementation of any transportation control measures (TCM) specifically identified in the State Implementation Plan (SIP) (Section 93.113). At this time no TCMs are specifically identified in Maine's SIP. Therefore, this condition is met and will not be addressed further.

4. **Interagency Consultation.** The conformity determinations must be made in accordance with the consultation procedures outlined in sections 93.105 and 93.112 of the federal conformity regulation and section 4 of Maine's transportation conformity regulation[4] .

Localized PM_{10} Hot-Spot Analysis

The transportation conformity rule specifies that Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) projects must not cause or contribute to any new localized PM_{10} violations or increase the frequency or severity of existing violations in PM_{10} nonattainment and maintenance areas. This criterion is satisfied under the following conditions:

1. If there are no FHWA/FTA projects, identified in the applicable transportation plan or program that significantly increase the number of diesel vehicles within the Presque Isle PM_{10} maintenance area.

2. If it is demonstrated, through quantitative hot-spot analysis, that any applicable projects will not cause or contribute to any new local violations or increase the frequency or severity of existing violations.

A letter from EPA dated February 7, 1994 removed the requirement for a regional emission analysis of this area. However, a conformity determination is required for any new transportation plans and transportation improvement programs based on the hot-spot criteria listed above.

APPLICABLE TRANSPORTATION PLANS AND PROGRAMS

As noted earlier, conformity determinations are required in nonattainment areas and maintenance areas for the adoption, acceptance, approval, or support of transportation plans and Transportation Improvement Programs (TIPs). The following section briefly describes the statewide and metropolitan transportation planning and programming process that is required for the allocation of federal funding sources. It should be noted that transportation planning is a continuing, comprehensive and collaborative process designed to encourage and promote the development of a multimodal transportation system to ensure safe and efficient movement of people and goods while balancing environmental and community needs. The extent of the transportation planning process is too large to be adequately addressed in this document. Therefore, the scope of this particular section is limited to the specific transportation activities requiring a conformity analysis. For more information on the transportation planning process please visit MaineDOT's website at http://www.maine.gov/mdot/transplanning.htm. Links to Maine's four MPOs, the agencies primarily responsible for transportation planning in the

[4] Maine Department of Environmental Protection. 06-096 CMR Chapter 139. *Transportation Conformity.* Effective September 19, 2007.

metropolitan planning areas, can also be found on MaineDOT's website at http://www.maine.gov/mdot/ppp/mpo.htm.

Transportation Plans

A transportation plan is a document resulting from regional or statewide collaboration and consensus on a region or state's transportation system, and serving as the defining vision for the region's or state's transportation systems and services. Transportation plans, often called long-range transportation plans, establish a framework of goals, objectives, policies, and investment strategies for addressing anticipated challenges and future trends. Each MPO is responsible for preparing a long-range transportation plan that encompasses their metropolitan planning area.

Connecting Maine is Maine's integrated, long-range, multimodal transportation plan for the next 20 years. It establishes a framework of goals, objectives, and performance-based strategies for addressing anticipated challenges and future trends. Connecting Maine also focuses on the link between Maine's transportation system and achieving a statewide vision of economic vitality, environmental stewardship, and quality of life.

MaineDOT developed Connecting Maine through a collaborative process involving Maine citizens, MaineDOT staff, leading economists and transportation experts from Maine and New England, and municipal and regional officials. Partners in this process included MPOs, Regional Councils, Economic Development Districts, the Maine Turnpike Authority, and other key stakeholders. A key element of this process was that each of Maine's Regional Councils produced a Regional Transportation Assessment (RTA) that identified Corridors of Regional and Economic Significance for Transportation (CREST), and also identified transportation opportunities to support regional land-use and economic development goals.

For conformity purposes, it is particularly important to note that *Connecting Maine* also incorporates the long-range transportation plans from Maine's four MPOs. Therefore, the conformity determination for *Connecting Maine* is applicable to the entire ozone maintenance area, including the KACTS and PACTS MPO areas.

This report documents the air quality conformity determination for the following long-range transportation plan:

- *Connecting Maine,* Maine's 2035 Long-Range Transportation Plan

Transportation Improvement Programs

A TIP is a staged, multiyear, intermodal program of transportation projects which is consistent with the metropolitan transportation plan or statewide transportation plan. The TIP includes a prioritized listing of transportation projects to be carried out during the specified federal fiscal year time frame. Each MPO is responsible for preparing a TIP for the applicable metropolitan planning area. MaineDOT is responsible for preparing a STIP that includes all projects with federal financial commitments for the specified federal fiscal year time frame. The STIP includes all projects listed in the MPO's TIPs.
The 2012-2015 STIP constitutes MaineDOT's plan for obligating federal funds provided by FHWA and FTA for federal fiscal years 2012-2015, beginning October 1, 2011. The STIP also incorporates the TIPs, and associated projects, from Maine's four MPOs. Therefore, the conformity determination for 2012-2015 STIP is applicable to the entire ozone maintenance area, including the KACTS and PACTS MPO areas.

This report documents the air quality conformity determination for the following STIP and TIPs:

- 2012-2015 Statewide Transportation Improvement Program
- 2012-2015 PACTS Transportation Improvement Program
- 2012-2015 KACTS Transportation Improvement Program

INTERAGENCY CONSULTATION

Transportation conformity is a collaborative process among federal, state, and local agencies. Every three months, MaineDOT convenes an interagency consultation committee meeting with representatives from the following agencies:

- MaineDOT
- MaineDEP
- Maine Turnpike Authority (MTA)
- PACTS
- KACTS
- Androscoggin Transportation Resource Center (ATRC)
- Greater Portland Council of Governments (GPCOG)
- Southern Maine Regional Planning Commission (SMRPC)
- FHWA
- FTA
- EPA

The meetings are generally well attended by all parties and are held at the GPCOG offices in Portland or by teleconference. The consultation meetings have been held regularly since 1992. The general purposes of the interagency consultation meetings are to:

- Provide a forum for discussion and decision making regarding all areas of transportation conformity including, but not limited to, the development of the SIP, MVEBs, transportation plans, STIPS/TIPs and associated conformity documents
- Evaluate events that will trigger new conformity determinations
- Determine latest planning assumptions and emission models
- Identify projects requiring a regional emissions or hot-spot analysis
- Develop a format for presenting the transportation conformity determination
- Establish a public participation process for the conformity determination

The conformity analysis is prepared by MaineDOT with assistance from MaineDEP under the guidance of the interagency consultation committee. The decisions made by the consultation committee serve as the basis for the conformity analysis and the ultimate conformity

determination. The conformity analysis and the applicable transportation plans and programs are made available for public review and comment.

The specific purposes of the interagency consultation meetings and the roles and responsibilities for the agencies (MaineDEP, MaineDOT, PACTS, and KACTS) responsible for performing the conformity analysis are established in Section 4 of Maine's transportation conformity regulation[5]. As part of the SIP, the interagency consultation procedures contained in Maine's transportation conformity regulation are federally enforceable.

METHODOLOGY

The conformity process is complex, not in concept, but in detail. Simply stated, emission estimates from highway-related mobile sources in the Portland and Midcoast areas are developed by multiplying vehicle miles traveled (VMT) by composite emission factors generated by EPA's Mobile 6.2 model. The conformity process involves a number of key assumptions and socioeconomic inputs developed by MaineDOT, MaineDEP and the MPOs and reviewed by the interagency consultation committee. Figure 3, on page 8, summarizes the conformity process and highlights the key activities including, interagency consultation, travel demand modeling, emissions modeling, public review, and the final conformity determination. The analysis presented in this document was prepared by MaineDOT with technical assistance from MaineDEP and PACTS.

Interagency Consultation

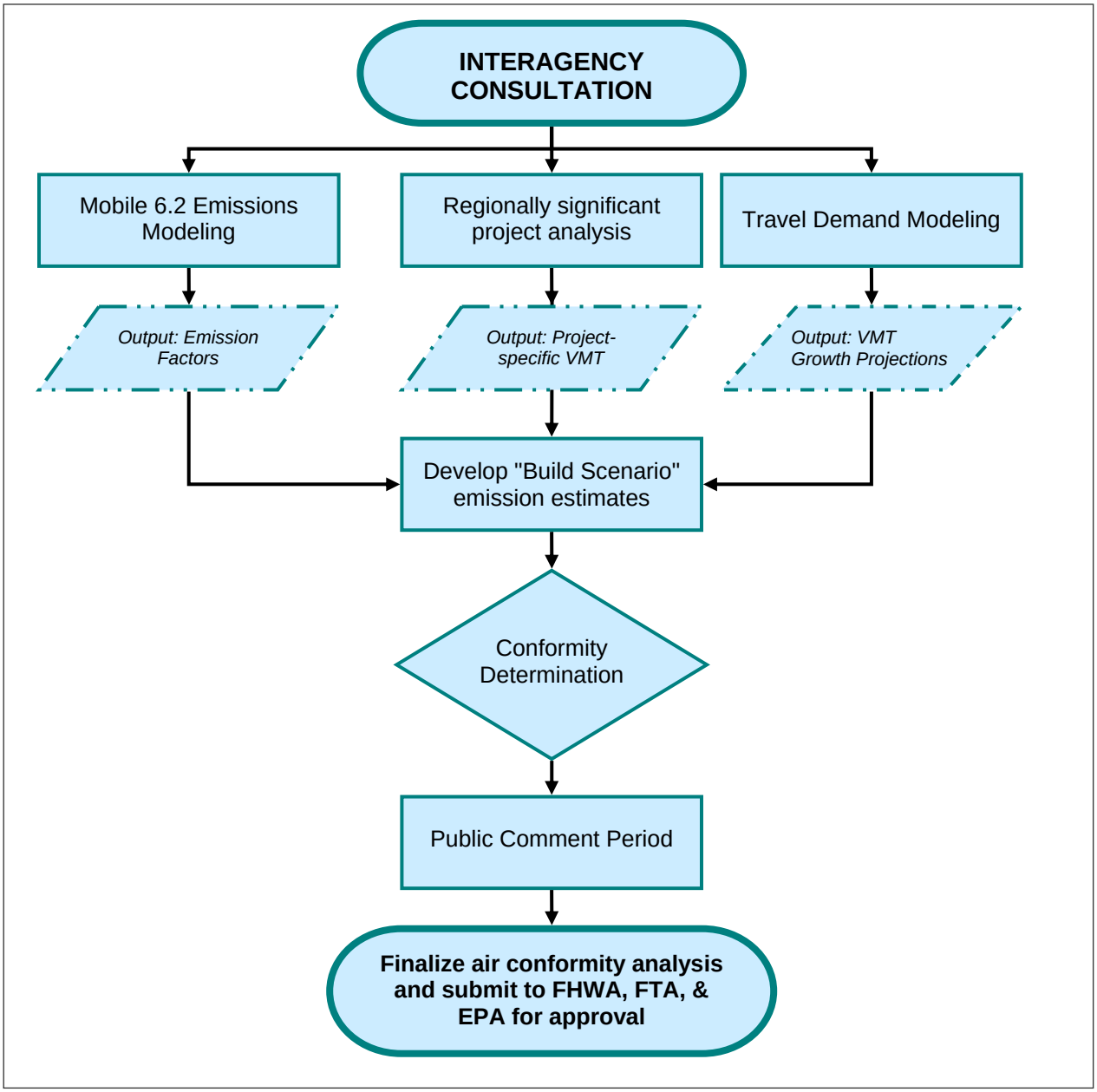
As illustrated in Figure 3, interagency consultation is the initial step in the transportation conformity process. The interagency consultation committee serves both a technical and regulatory reference and a decision-making body regarding key planning assumptions and other factors. Specifically, the committee identifies regionally-significant projects, determines the appropriate conformity tests and analysis years, evaluates projects for their VMT reduction (or creation) potential, and makes other key decisions when necessary. The interagency consultation committee is described in further detail in the previous section.

Travel Demand Modeling

The transportation conformity rule stipulates that the conformity determination must be based on the most current planning assumptions and models. Thus, a critical element of the conformity analysis is the traffic demand estimate. Both MaineDOT and PACTS have developed travel demand models. These models use socioeconomic and transportation network data to estimate travel demand. In both cases, population and employment data are forecasted using a REMI[6] (Regional Economic Models, Inc.) model. Data from both the statewide (MaineDOT) and PACTS model are combined to provide estimates of VMT growth for the maintenance areas. The PACTS model provides growth estimates for all municipalities or portions of municipalities within the Portland Metropolitan Planning Area. The Statewide model provides the growth estimates for all other municipalities in Portland and Midcoast areas.

[5] Ibid.
[6] A REMI model predicts, for each year in the future, the number and distribution of employment in a given region for a number of industry and occupational categories. The model also predicts other variables such as personal income, population, wage rates, output and value added at a detailed level.

Figure 3: Conformity Process Flow



Statewide Travel Demand Model

The statewide model relies on population demographics, employment, and economic activity in order to forecast VMT. A REMI model is used to establish base year and forecast year population and employment for nine regions in Maine. The travel demand model, based on the TRIPS modeling software, provides a standard forecast of statewide traffic growth that can be used to evaluate capital improvement projects, test transportation alternatives, and forecast VMT. The statewide model is specifically programmed to address recreational travel patterns that lead to peak traffic and congestion during the summer tourist season. During the development of the model, MaineDOT reviewed population increases in states that provide the largest number of visitors to Maine (Massachusetts, Connecticut, Rhode Island, New York, and

New Jersey) and projected growth in service employment in order generate an estimate of recreational and seasonal trips.

PACTS Travel Demand Model

The PACTS Model has four inputs: population, households, employment and the transportation network (roadways and transit routes). The Model operates in three modules – briefly described below. Each of the modules contains a number of adjustable parameters. Adjustment of the parameters provides the necessary flexibility to make changes to the model to reflect actual conditions in the model area.

- Trip generation – determines how many trips will be made. Trips are produced based on the number and size of households and number of automobiles. Trips are attracted by places of employment with the number of trips varying depending on the type of employment. The number of trips produced must balance with the number of trips attracted.
- Trip distribution – determines where the trips will go and how the trips will be divided amongst the TAZ. (The PACTS Model has 720 internal TAZ or traffic analysis zones.)
- Trip assignment – assigns the trips to specific routes through 20 all-or-nothings iterations. Each iteration adds 5% of the total assignment to the network. The all-or-nothing method directs traffic to the path of least resistance when considering origin/destination, distance, free-flow speeds and tolls. VMT is then calculated by adding up the collective distances traveled by all of the trips assigned.

To determine the VMT impacts of a project the process described above is done twice. The first time the process is done on the base model (i.e., without the project) and the second time on the base model with the project added. The difference between the two processes is the predicted change in VMT as a result of the project.

VMT Estimates

Once the results of the travel demand modeling are finalized, the annual growth rates are then applied to a base year[7] of vehicle-miles traveled (VMT) to estimate traffic levels for the analysis years. Therefore, the final output of the travel demand modeling process is an estimation of average summer day VMT for the entire state, including Maine's two ozone maintenance areas. The annual rates of VMT growth, as produced by the PACTS and statewide travel demand models, are shown in Appendix C. Tables of estimated VMT used in this analysis are included in Appendices C and G.

Mobile 6.2 Emissions Modeling

Mobile 6.2 is a model developed by EPA that calculates emissions of Hydrocarbons (HC), Carbon Monoxide (CO), Nitrogen Oxides (NOx), Carbon Dioxide (CO2), Particulate Matter (PM), and toxics from cars, trucks, and motorcycles for specified vehicle fleet, fuel, temperature, and speed conditions.

As part of a cooperative agreement with MaineDOT, MaineDEP performed the MOBILE6.2 model analysis and conformity calculations. EPA Region 1 provided guidance on the setup and use of the MOBILE6.2 emissions model and reviewed the MOBILE6.2 input files that were used

[7] The base year VMT for this conformity determination is 2009. VMT estimates for all highways in the State were generated using actual traffic counts taken during the 2009 calendar year.

for developing the emission factors for the regional emissions analysis. The input files can be found in Appendix F, and the emissions factors can be found in Appendices H and I.

As noted above, Mobile 6.2 generates emission factors for certain pollutants based on a number of input factors including environmental conditions, vehicle fleet mix, emission controls, and fuel parameters. The following list provides a brief summary of several assumptions used in the regional emissions analysis for ozone precursors (VOC and NOx):

Anti-Tampering Program (ATP) & Inspection and Maintenance (I/M)

The ATP modeled in the conformity analysis includes statewide annual inspections for catalytic converters for all light-duty gas vehicles and trucks (1983 models and newer). The model runs also include ATP annual gas cap inspections and I/M On-Board Diagnostic (OBD) and gas cap pressure testing for all light-duty gas vehicles and trucks (1996 models and newer) in Cumberland County only[8].

Fuel Parameters

The fuel parameters specified in the emissions modeling include conventional gasoline (no RFG, national default value) with a summertime (May 1st through September 15) Reid vapor pressure (RVP) of 9.0 psi in Hancock and Waldo counties and a RVP of 7.8 psi in York, Cumberland, Androscoggin, Sagadahoc, Lincoln and Knox counties[9].

Maine LEV (Low Emission Vehicles)

All new vehicles sold in the U.S. are subject to emission standards set by either the federal government or the State of California. California is the only state with the authority to set its own vehicle standards; other states may adopt either the California or the federal standards. Maine has adopted California's LEV I and LEV II standards[10]. However, unlike California LEV, Maine LEV does not contain a provision for the denial of motor vehicle registrations for new vehicles that are not LEV certified. Thus, EPA determined that Maine may only take 90% credit for the Maine LEV program in transportation conformity analyses.

Stage II Refueling

As of January 1, 2012, Stage II ("at-the-pump") vapor recovery systems for gas stations in York, Cumberland, and Sagadahoc counties is no longer required in Maine[11]; therefore, Stage II was not included in the model runs for 2012 and beyond.

Build Scenario Emissions

MaineDOT and MaineDEP work together to bring together estimates of VMT at various speed ranges by the emission factors for those speeds as generated by EPA's Mobile 6.2 model. Output from the travel demand modeling process (build scenario VMT) is multiplied by the outputs from Mobile 6.2 emissions modeling process (area specific emission factors) to generate build scenario emissions for each maintenance area. The build scenario emissions are forecasts of highway-related motor vehicle emissions based several socioeconomic inputs and

[8] MRSA 29-A §1751. *Motor vehicle inspection.* As amended 2001.
[9] Maine Department of Environmental Protection. 06-096 CMR Chapter 119. *Motor Vehicle Fuel Volatility Limit.* As amended June 1, 2000.
[10] Maine Department of Environmental Protection. 06-096 CMR Chapter 127. *New Motor Vehicle Emission Standards.* As amended December 19, 2005.
[11] MRSA 38 § 585-E. *Gasoline station vapor recovery requirements.* As amended 2007.

a comprehensive transportation network that includes all regionally significant transportation projects identified in the STIP and LRP.

Conformity Determination

The conformity determination for ozone is completed by comparing VOC and NOx build scenario emission estimates for analysis years against the applicable conformity tests. In order for the plan or TIP/STIP to pass conformity for ozone the build scenario emissions must be less than or equal to the required tests given in Table 2. The next section describes the required tests (MVEBs and baseline emissions) in further detail.

The plan or STIP must also pass conformity for PM_{10}. As noted earlier, the conformity requirements for PM_{10} are satisfied if the plan or STIP does not contain projects that significantly increase the number of diesel vehicles within the Presque Isle PM_{10} maintenance area or if any new projects are not expected to cause or contribute to any new local violations or increase the frequency or severity of existing violations.

The final conformity determination and associated air quality analysis is reviewed by the interagency consultation committee prior to public release and federal approval.

Public Comment

Air quality conformity analysis for LRPs require a 45 day comment period and conformity analysis for TIPs and STIPs require a 30 day comment period. Hard copies of all documents are made available at all MPOs, MaineDOT Regional Offices and federal depository libraries across the state. Comments are accepted for at least 30 days after notification for the TIP/STIP conformity analysis and up to 45 days after notification for the LRP conformity analysis. The conformity analysis is also available on the web at http://www.maine.gov/mdot/aqn/index.htm.

CONFORMITY TESTS

The MaineDEP is responsible for the development of the entire SIP. The MaineDEP identifies how pollution from all sources will be reduced sufficiently to meet the federal air quality standards in the Portland and Midcoast areas. As part of this process, MVEBs are developed by MaineDEP and approved by EPA. The MVEBs are the total allowable emissions from all highway-mobile sources within an area for a certain date. Maine currently has MVEBs for VOC and NOx in each ozone maintenance area. The MaineDEP consults with MaineDOT and the interagency consultation committee during the development of the SIP and MVEBs.

EPA's conformity rule requires that emissions in the "Build" scenario must be less than or equal to the MVEBs for the last year of the maintenance plan. The last year of Maine's maintenance plan for the Portland and Midcoast areas is 2016. The 2016 MVEBs are listed below. For any analysis years before 2016, emissions must be less than or equal to the MVEBs established for the most recent prior year. In areas without MVEBs, emissions must be less than or equal to 2002 baseline emissions. For example: Portland area build emissions in 2025 must be equal to or less than the 2016 MEVBs and build emissions for 2012 must be equal to or less than the 2007 MVEBs. The applicable conformity tests are shown in Table 2.

Table 2: 8-Hour Ozone Conformity Tests

Area	Required Tests	Emissions Budget			
		VOC		NOx	
		kg/day	tons/day	kg/day	tons/day
Portland	Build Emissions < or = 2007 MVEBs[12]	18,253.15	20.115	36,200.54	39.893
	Build Emissions < or = 2016 MVEBs[13]	15,117.06	16.659	29,797.64	32.837
Midcoast	Build Emissions < or = 2002 Baseline Emissions[14]	6,185.12	6.816	10,269.51	11.317
	Build Emissions < or = 2016 MVEBs	3,414.70	3.763	5,666.97	6.245

In order for the plan or program to conform to the SIP, the analysis must pass the applicable tests for each analysis year. The analysis years for the Portland and Midcoast areas are 2012, 2016, 2025, 2030, and 2035.

[12] 2007 MVEBs were found adequate by EPA on August 30, 2005 and became effective September 14, 2005. Office of the Federal Register, *Federal Register: August 30, 2005 (Volume 70, Number 167)*, (Government Printing Office), 51352-51353.
[13] 2016 MVEBs were approved by EPA on December 11, 2006 and became effective January 10, 2007. See footnote 1 for citation.
[14] 2002 is the base year for both of the Portland and Midcoast maintenance plans.

ANALYSIS RESULTS

The following tables summarize the project analysis for all regionally significant transportation projects in the Portland and Midcoast areas. The complete project analyses are located in Appendix A. A positive number indicates a reduction in emissions attributable to the project and a negative number indicates an emissions increase. All projects denoted "VMT FORECAST" were accounted for by the regional travel demand modeling. The VMT changes associated with these projects are captured in the overall VMT estimates for the maintenance area in Appendix C. The resulting increase or decrease in emissions from all regionally significant projects in the 2012-2015 STIP, the 2012-2015 PACTS and KACTS TIPs, and *Connecting Maine* is, therefore, reflected in the conformity tests in Tables 5 and 6.

Table 3: Portland Area Project Emission Reductions

Portland Area Project Emissions (kg per summer day)										
PIN #	2012		2016		2025		2030		2035	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
11086.00	VMT FORECAST									
11231.00	VMT FORECAST									
12800.00	VMT FORECAST									
15106.00	VMT FORECAST									
15633.00	VMT FORECAST									
15634.00	VMT FORECAST									
17343.00	VMT FORECAST									
17628.00	VMT FORECAST									
Freeport School Street Extension	VMT FORECAST									
17460.00	0.252	-0.484	0.415	-0.045	0.414	0.169	0.502	0.307	0.589	0.368
17490.00	0	0	1.665	1.341	0.950	0.734	0.905	0.630	0.900	0.617
Downeaster	0	0	1.990	1.628	1.771	1.385	2.135	1.516	2.705	1.899
19107.00	0	0	0.055	-0.146	0.069	-0.061	0.074	-0.059	0.040	-0.056
19475.00	0	0	1.146	1.106	0.782	0.804	0.752	0.747	0.747	0.740
Total	**0.252**	**-0.484**	**5.271**	**3.884**	**3.985**	**3.030**	**4.368**	**3.141**	**4.982**	**3.567**

Table 4: Midcoast Area Project Emission Reductions

Midcoast Area Project Emissions (kg per summer day)										
PIN #	2012		2016		2025		2030		2035	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
17163	1.884	-1.188	3.777	1.825	4.093	3.745	4.888	5.196	7.133	7.160
Total	**1.884**	**-2.131**	**3.777**	**1.825**	**4.093**	**3.745**	**4.888**	**5.196**	**7.133**	**7.014**

CONFORMITY DETERMINATION

A regional emissions analysis for VOC and NOx was conducted for the both Portland and Midcoast 8-hour Ozone Maintenance Areas. The analysis was conducted using the latest planning assumptions and emission models under the guidance of the interagency consultation committee. The results of the analysis in Tables 5 and 6 demonstrate that VOC and NOx emissions for the Portland and Midcoast areas for each of the "build" scenarios are less than the applicable MVEBs and baseline emissions.

Table 5: Portland Area Conformity Tests

Portland Area Conformity Tests (tons per summer day)										
Test	2012		2016		2025		2030		2035	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	11.044	19.298	8.704	12.447	5.946	6.429	5.849	5.365	5.945	5.151
Budget	20.115	39.893	16.659	32.837	16.659	32.837	16.659	32.837	16.659	32.837
Result	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Table 6: Midcoast Area Conformity Tests

Midcoast Area Conformity Tests (tons per summer day)										
Test	2012		2016		2025		2030		2035	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	2.442	3.767	1.966	2.547	1.405	1.481	1.377	1.288	1.374	1.286
Budget	6.816	11.317	3.763	6.245	3.763	6.245	3.763	6.245	3.763	6.245
Result	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Conclusion

The following pages demonstrate that all the required conformity tests were satisfied in the Portland and Midcoast maintenance areas for each analysis year. The regional emissions analysis demonstrates that the transportation-related emissions of VOC and NOx are less than the established budgets for each analysis year under the build scenarios for both 8-hour Ozone Maintenance Areas. Since a PM_{10} hot-spot determination is not required, the conditions for the Presque Isle PM_{10} maintenance area have also been satisfied. Therefore, the 2012-2015 STIP, the 2012-2015 PACTS and KACTS TIPs, and *Connecting Maine* conform to the current SIP and satisfy the conformity requirements of the Clean Air Act Amendments of 1990.

-APPENDIX A-

PROJECT ANALYSIS

Table A-1: Portland and Midcoast Ozone Maintenance Areas Highway & Transit Network

2009 Network *(Existing)*			
2012 Network *(2009 network plus following projects)*			
PIN	**Project**	**8-Hour Ozone Maintenance Area**	**Page**
15634.00	Portland - I-295 Exits 7 & 8 Improvements	Portland	A-2
11231.00	South Portland - I-295 Exit 4-3 Southbound Auxiliary Lane	Portland	A-2
12800.00	South Portland - I-295 Exit 3-4 Northbound Auxiliary Lane	Portland	A-2
15633.00	Falmouth - I-295 Exit 11 (Falmouth Spur) Improvements	Portland	A-2
17163.00	Trenton - Acadia Welcome Center	Midcoast	A-4
17460.00	Brunswick - Greenwheels Explorer	Portland	A-6
N/A	Portland to Brunswick Downeaster Expansion	Portland	A-8
N/A	Freeport School Street Extension	Portland	A-3
2016 Network *(2012 network plus following projects)*			
PIN	**Project**	**8-Hour Ozone Maintenance Area**	**Page**
11086.00	Yarmouth - I-295 Exit 15 Improvements	Portland	A-2
15106.00	Portland - South Portland - Veteran's Bridge Replacement	Portland	A-2
17628.00	Portland - Somerset Street Extension	Portland	A-3
17343.00	Scarborough - Intersection Improvements at Dunstan Corner	Portland	A-3
17490.00	Yarmouth - Exit 15 Park and Ride	Portland	A-7
19107.00	Arundel - Route 111 Westbound Passing Lane	Portland	A-9
19475.00	Topsham - Park and Ride	Portland	A-10
2020 Network *(2016 Network)*			
2025 Network *(2016 Network)*			
2030 Network *(2016 Network)*			
2035 Network *(2016 Network)*			

PIN 11086.00, Yarmouth - I-295 Exit 15 Improvements and Park & Ride Lot

Summary:

PIN 11086.00 includes the realignment of the southbound on ramp at Exit 15 on I-295 in Yarmouth and the construction of a new northbound on ramp and a park and ride lot. The existing and future VMT associated with the ramp improvements are accounted for in the PACTS Travel Demand Model. The air quality analysis for the park and ride lot is included on page A-5 under PIN 17490.00.

PIN 11231.00 and 12800.00, South Portland - I-295 Southbound and northbound auxiliary lanes

Summary:

PINs 11231 and 12800 include the construction of a southbound and northbound auxiliary lane between Exit 3 and Exit 4 on I-295 in South Portland (opened in 2010). The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 15106.00, Portland- South Portland - Veteran's Bridge Replacement

Summary:

PIN 15105 includes the replacement of the Veteran's Memorial Bridge and intersection reconfigurations. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 15633.00, Falmouth - Falmouth Spur On ramp

Summary:

PIN 15633.00 includes the lengthening of the acceleration lane on I-295 northbound at the Falmouth Spur on-ramp. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 15634.00, Portland - I-295 Exits 7 & 8 Improvements

Summary:

PIN 15634.00 includes the construction of a southbound auxiliary lane between Exit 7 and Exit 8 on I-295 in Portland and the construction of additional lanes to both the northbound and southbound the Exit 7 off ramps. The project also includes the installation of a traffic signal at the intersection of the Exit 7 off ramps and coordination with the existing signal at the intersection of Franklin Street Arterial and Marginal Way. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 17343.00 Scarborough - Intersection improvements at Dunstan Corner

Summary:

PIN 17343.00 includes intersection improvements at U.S. Route 1, Payne Road, Pine Point Road, and Broad Turn Road, known locally as Dunstan Corner. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 17628.00 Portland - Somerset Street Extension

Summary:

PIN 17628.00 includes the extension of Somerset Street from Elm Street to Forest Avenue. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

Freeport School Street Extension

Summary:

This local project includes the extension of School Street to Bow Street in Freeport to support mixed-use development. The existing and future VMT associated with this project are accounted for in the PACTS Travel Demand Model.

PIN 17163.00, Trenton - Acadia Gateway Center (AGC) Project Analysis

Summary:

PIN 17163.00 includes the construction of the Acadia Gateway Center - a welcome center, public transportation center, and bus maintenance facility serving the Mount Desert Island/Acadia National Park Area. The center will support the Island Explorer bus service and accommodate a small shuttle service to the Island's largest employer - the Jackson Laboratory. The project is expected to increase the ridership of the Island Explorer bus service and reduce congestion on Mount Desert Island.

Table A-2: PIN 17163.00 Project Analysis

Year	VMT Created (Propane Buses)			VMT Reduced/Day (personal vehicles)		Emissions Projections					
	Island Explorer Trips/Day	Jackson Laboratory Shuttle Trips/Day	Bus Miles Traveled/Day[1, 2]	Island Explorer[3,4,5,6]	Jackson Laboratory Riders	LPG Bus Emission Factors[7] (grams/mile)		Personal Vehicles Emission Factors[8] (grams/mile)		**Emissions (kg/day)**	
						VOC	NOx	VOC	NOx	**VOC**	**NOx**
2012	73	8	2294	10964	1092	2.597	3.909	0.679	0.567	**2.228**	**-2.131**
2016	75	8	2354	12711	1092	1.503	1.688	0.530	0.420	**3.777**	**1.825**
2025	79	8	2474	16585	1092	0.939	0.666	0.363	0.305	**4.093**	**3.745**
2030	81	8	2534	19226	1092	0.885	0.211	0.351	0.282	**4.888**	**5.196**
2035	83	8	2594	26003	1093	0.868	0.211	0.348	0.279	**7.178**	**7.014**

Notes

[1] Assumes Island Explorer buses travel an average 30 miles round trip from the Acadia Welcome Center to various stops on Mount Desert Island (MDI) and back.

[2] Assumes the Jackson Laboratory shuttles travel 13 miles per one-way trip.

[3] Assume 3% growth rate in ridership for the Island Explorer.

[4] Annual AGC visitors estimated based on the number of existing visitors to the Thompson Island Visitors Center.

[5] Assumes, on average, 1 in 4 people visiting the AGC will ride the Island Explorer buses.

[6] Assumes an average of 2.09 tourists/vehicle based on the 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS) average vehicle occupancy rate of 2.09 for Social/Recreational trips.

[7] Emission Factors for Propane Buses were generated by applying multiplicative factors, developed by Delucci, M., et al, to speed-specific Mobile 6.2 emission factors for Heavy Duty Gasoline Buses (HDGB). Delucci, M., et al, University of California, Davis, Institute of Transportation Studies, *Emissions of Criteria Pollutants, Toxic Air Pollutants, and Greenhouse Gases, from the Use of Alternative Transportation Modes and Fuels*, Davis, CA, January 1996, rev. 2002.

[8] Assumes an average speed of 43 MPH (Rural Minor Arterial) for commuter and tourist vehicles which include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

PIN 17460, Brunswick - Greenwheels Explorer Project Analysis

Summary:

PIN 17460.00 includes operating and start-up assistance for the Greenwheels Explorer in Brunswick. The new service will feature 3 hybrid gasoline buses providing continuous service 5 days a week from one end of Brunswick to the other (Thornton Oaks and Parkview Hospital to Mid Coast Hospital).

Table A-3: PIN 17460.00 Brunswick Shuttle Project Analysis

Year	VMT Created (Hybrid Gasoline Buses)			VMT Reduced/Day (personal vehicles)		Emissions Projections					
	Round Trips/Day[1]	Milles per Trip	Bus Miles Traveled/Day	Daily Ridership[2]	VMT/Day[3]	HDGB Emission Factors (grams/mile)		Personal Vehicles Emission Factors[4] (grams/mile)		**Emissions (kg/day)**	
						VOC	NOx	VOC	NOx	**VOC**	**NOx**
2012	9	20	180	107	1313	3.206	6.222	0.584	0.448	**0.252**	**-0.484**
2016	9	20	180	131	1607	1.829	3.002	0.428	0.285	**0.415**	**-0.045**
2025	9	20	180	183	2245	1.115	1.166	0.253	0.156	**0.414**	**0.169**
2030	9	20	180	212	2601	1.011	0.375	0.243	0.133	**0.502**	**0.307**
2035	9	20	180	240	2945	0.992	0.274	0.241	0.131	**0.589**	**0.368**

Notes

[1] Brunswick Shuttle will operate 5 days per week (250 days per year).

[2] Ridership projections from *"Wheels": A Model for Community Transportation in the Greater Brunswick Area* prepared by The Midcoast Collaborative for Access to Transportation, April 25, 2007.

[3] Assumes an average of 1.63 riders/vehicle based on the 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS)

[4] Assumes an average speed of 26 MPH (Urban Minor Arterial) for personal vehicles which include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

PIN 17490.00, Yarmouth - Park and Ride Lot Project Analysis

Summary:

PIN 17490.00 includes the construction of a park and ride adjacent to Exit 15

Table A-4: PIN 17490.00 Project Analysis

Year	VMT Reduced (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1,2]	Vehicle Miles Traveled/Day[3]	Personal Vehicles Emission Factors[4] (grams/mile)		Emissions (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2012	0	0	0.504	0.468	**0**	**0**
2016	150	4500	0.370	0.298	**1.665**	**1.341**
2025	150	4500	0.211	0.163	**0.950**	**0.734**
2030	150	4500	0.201	0.140	**0.905**	**0.630**
2035	150	4500	0.200	0.137	**0.900**	**0.617**

Notes

[1] Assumes new lot will be 50% occupied (250 out of 500 spaces) by 2016.

[2] Assumes all users will travel within the Portland Maintenance Area.

[3] Assumes an average round-trip length of 30 miles.

[4] Assumes an average speed of 59 MPH (Urban Interstate) for personal vehicles which include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

Portland to Brunswick - Downeaster Extension Project Analysis

Summary:

This analysis examines the air quality impacts of the proposed extension of Downeaster Passenger Rail service to Brunswick.

Table A-5: Downeaster Extension Project Analysis

Year	VMT Reduced (passenger vehicles)				Emission Projections (passenger vehicles)				
	Train Passengers per Day[1]	Vehicle Trips/Day Reduced[2]	Brunswick, ME to NH Mileage	VMT/Day Removed	Avg. Speed	Emission Factors[3]		**Emissions (kg/day)**	
						VOC	NOx	**VOC**	**NOx**
2012	0	0	76	0	61	0.501	0.473	**0.000**	**0.000**
2016	116	71	76	5,409	61	0.368	0.301	**1.990**	**1.628**
2025	180	110	76	8,393	61	0.211	0.165	**1.771**	**1.385**
2030	229	140	76	10,677	61	0.200	0.142	**2.135**	**1.516**
2035	293	180	76	13,661	61	0.198	0.139	**2.705**	**1.899**

Assumptions

[1] 100 passengers per day for the 1st year of operation increasing by 5% per year (from *Downeaster Portland North Expansion, Railroad Rehabilitation and Financing Program Application*, May 20, 2008

[2] Assumes an average of 1.63 riders/vehicle based on the 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS)

[3] Assumes an average speed of 67 MPH (Rural Interstate) for personal vehicles which include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34)

PIN 19107.00, Arundel - Route 111 Westbound Passing Lane

Summary:

PIN 19107.00 includes the construction of a half-mile passing lane on Route 111 Westbound in Arundel. The project is not expected to influence VMT; however, the project is expected to increase average speeds along a stretch of Route 111 from Biddeford to Lyman[1].

Table A-6: PIN 19107.00 Project Analysis

Year	VMT (Route 111)	Emissions Projections[2]							
		Emission Factors (grams/mile)			Emission Factors (grams/mile)			Emissions (kg/day)	
		Avg. Speed	VOC	NOx	Avg. Speed	VOC	NOx	VOC	NOx
2012	0	43	0	0	44	0	0	**0**	**0**
2016	36556	43	0.480	0.651	44	0.478	0.655	**0.055**	**-0.146**
2025	38255	43	0.335	0.361	44	0.333	0.363	**0.069**	**-0.061**
2030	39198	43	0.323	0.309	44	0.321	0.310	**0.074**	**-0.059**
2035	40142	43	0.320	0.295	44	0.319	0.296	**0.040**	**-0.056**

Notes

[1] Analysis area stretches from Andrews Road in Biddeford to Route 35 in Lyman

[2] The project will result in a 1 MPH change in average speed over 4.4 mile segment of Route 111 (Other Principal Arterial)

PIN 19475.00, Topsham - Park and Ride Lot Project Analysis

Summary:

PIN 19475.00 includes the construction of a park and ride in Topsham to compliment the existing facility (27 spaces) located at the Topsham Fair Mall.

Table A-7: PIN 19475.00 Project Analysis

Year	VMT Reduced (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1,2]	Vehicle Miles Traveled/Day[3]	Personal Vehicles Emission Factors[4] (grams/mile)		**Emissions (kg/day)**	
			VOC	NOx	**VOC**	**NOx**
2012	0	0	0.0	0.0	**0**	**0**
2016	45	2475	0.463	0.447	**1.146**	**1.106**
2025	45	2475	0.316	0.325	**0.782**	**0.804**
2030	45	2475	0.304	0.302	**0.752**	**0.747**
2035	45	2475	0.302	0.299	**0.747**	**0.740**

Notes

[1] Assumes new lot will be 75% occupied 45 out of 60 spaces) by 2016.

[2] Assumes all users will travel within the Portland Maintenance Area.

[3] Assumes an average round-trip length of 55 miles.

[4] Assumes an average speed of 69 MPH (Rural Interstate) for personal vehicles which include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34)

-B-

VMT GROWTH PROJECTIONS

VMT Growth Projections

CODE	COUNTY	SVMT Linear Growth Rate 1995 to 2015	Average Summer DVMT Growth Increment 1995 to 2015	SVMT Linear Growth Rate 2016 to 2035	Average Summer DVMT Growth Increment 2016 to 2035
01	ANDROSCOGGIN	1.35%	24,577	0.41%	12,446
03	AROOSTOOK	1.92%	8,951	0.31%	7,078
05	CUMBERLAND	2.20%	78,964	0.49%	49,048
07	FRANKLIN	2.05%	7,382	0.49%	5,418
09	HANCOCK	3.43%	18,181	0.31%	7,948
11	KENNEBEC	1.91%	29,247	0.45%	21,311
13	KNOX	4.65%	9,966	0.44%	5,287
15	LINCOLN	1.53%	8,018	0.25%	3,341
17	OXFORD	1.37%	18,459	0.40%	7,515
19	PENOBSCOT	1.94%	59,006	0.51%	29,468
21	PISCATAQUIS	1.95%	2,213	0.09%	505
23	SAGADAHOC	0.03%	9,255	0.32%	4,742
25	SOMERSET	1.82%	23,174	0.55%	12,494
27	WALDO	1.44%	15,258	0.58%	7,926
29	WASHINGTON	0.31%	19,853	0.50%	6,949
31	YORK	1.13%	60,063	0.54%	40,437

CODE	COUNTY	Growth Factor 1995 to 2035
01	ANDROSCOGGIN	1.374
03	AROOSTOOK	1.468
05	CUMBERLAND	1.580
07	FRANKLIN	1.550
09	HANCOCK	1.792
11	KENNEBEC	1.507
13	KNOX	2.101
15	LINCOLN	1.372
17	OXFORD	1.376
19	PENOBSCOT	1.530
21	PISCATAQUIS	1.414
23	SAGADAHOC	1.070
25	SOMERSET	1.515
27	WALDO	1.437
29	WASHINGTON	1.168
31	YORK	1.357

-C-

ANNUAL VMT PROJECTIONS

Annual VMT Projections

	Year	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
Actual	1995	778,333,804	2,514,966,344	641,883,627	318,613,957	334,386,822	376,999,003	352,071,638	1,719,595,034
	1996	792,568,129	2,583,134,346	651,357,761	324,123,909	338,925,710	385,447,545	362,856,322	1,733,651,136
	1997	812,183,761	2,656,204,068	670,228,140	331,255,557	346,794,676	399,224,240	371,780,291	1,798,789,825
	1998	834,246,295	2,774,383,122	717,638,004	354,699,908	366,126,572	424,989,801	394,205,891	1,907,925,609
	1999	875,511,148	2,964,299,126	702,604,659	364,269,616	377,470,495	440,964,471	404,869,800	2,085,584,913
	2000	866,477,150	2,998,041,380	702,672,450	365,954,110	374,061,125	447,597,675	415,797,780	2,063,802,710
	2001	895,681,837	3,046,140,682	714,784,227	370,707,549	378,179,628	451,869,872	418,776,936	2,069,062,616
	2002	897,891,605	3,059,057,700	732,984,605	383,940,945	392,923,960	471,989,165	432,558,580	2,157,581,430
	2003	958,506,545	3,156,558,037	755,803,412	382,829,356	391,832,391	467,011,671	438,189,807	2,192,908,338
	2004	934,617,175	3,074,880,815	758,814,195	383,531,050	392,777,960	458,241,805	421,588,140	2,150,253,325
	2005	945,180,640	3,159,691,850	701,794,625	377,124,570	396,102,015	463,103,970	404,958,375	2,277,851,485
	2006	956,194,749	3,192,205,568	721,977,508	377,335,358	400,585,065	466,537,813	402,480,795	2,280,705,902
	2007	935,046,521	3,180,722,175	713,131,302	359,420,844	395,721,995	458,183,701	408,019,298	2,289,460,566
	2008	950,139,685	3,060,167,811	706,690,964	347,526,420	378,128,225	441,705,292	399,679,854	2,186,839,385
	2009	938,431,539	3,026,656,972	699,916,884	352,715,282	382,091,158	447,757,459	401,603,293	2,192,926,587
Projected	2010	946,323,942	3,053,616,410	705,136,165	355,825,528	384,460,151	450,661,592	406,389,326	2,211,716,996
	2011	954,216,344	3,080,841,934	710,355,446	358,935,773	386,829,144	453,565,725	411,175,358	2,230,507,405
	2012	962,108,747	3,108,067,457	715,574,728	362,046,019	389,198,137	456,469,858	415,961,391	2,249,297,814
	2013	970,001,150	3,133,110,179	720,794,009	365,156,265	391,567,130	459,373,992	420,747,424	2,267,600,891
	2014	977,893,552	3,158,152,901	726,013,290	368,266,511	393,936,123	462,278,125	425,533,456	2,285,903,968
	2015	985,785,955	3,183,195,624	731,232,571	371,376,757	396,305,116	465,182,258	430,319,489	2,304,207,046
	2016	989,782,734	3,200,440,212	733,514,231	373,026,753	397,292,245	466,670,254	432,805,667	2,316,847,102
	2017	993,779,514	3,215,075,606	735,795,890	374,676,750	398,279,375	468,158,250	435,291,844	2,329,124,161
	2018	997,776,293	3,229,711,000	738,077,549	376,326,747	399,266,504	469,646,245	437,778,022	2,341,401,220
	2019	1,001,773,072	3,244,346,394	740,359,209	377,976,744	400,253,634	471,134,241	440,264,199	2,353,678,279
	2020	1,005,769,851	3,258,981,788	742,640,868	379,626,741	401,240,764	472,622,237	442,750,376	2,365,955,338
	2021	1,009,766,630	3,273,617,181	744,922,527	381,276,738	402,227,893	474,110,232	445,236,554	2,378,232,397
	2022	1,013,763,410	3,288,252,575	747,204,186	382,926,735	403,215,023	475,598,228	447,722,731	2,390,509,456
	2023	1,017,760,189	3,302,887,969	749,485,846	384,576,732	404,202,152	477,086,224	450,208,909	2,402,786,515
	2024	1,021,756,968	3,317,523,363	751,767,505	386,226,729	405,189,282	478,574,219	452,695,086	2,415,063,574
	2025	1,025,753,747	3,332,158,757	754,049,164	387,876,726	406,176,412	480,062,215	455,181,264	2,427,340,634
	2026	1,029,750,527	3,347,150,979	756,330,823	389,526,723	407,163,541	481,550,211	457,667,441	2,439,564,928
	2027	1,033,747,306	3,362,143,200	758,612,483	391,176,720	408,150,671	483,038,206	460,153,619	2,451,789,223
	2028	1,037,744,085	3,377,135,422	760,894,142	392,826,717	409,137,800	484,526,202	462,639,796	2,464,013,518
	2029	1,041,740,864	3,392,127,644	763,175,801	394,476,713	410,124,930	486,014,198	465,125,974	2,476,237,813
	2030	1,045,737,644	3,407,119,865	765,457,461	396,126,710	411,112,060	487,502,193	467,612,151	2,488,462,108
	2031	1,049,734,423	3,424,635,017	767,739,120	397,776,707	412,099,189	488,990,189	470,098,328	2,500,926,165
	2032	1,053,731,202	3,442,150,169	770,020,779	399,426,704	413,086,319	490,478,185	472,584,506	2,513,390,222
	2033	1,057,727,981	3,459,665,321	772,302,438	401,076,701	414,073,448	491,966,180	475,070,683	2,525,854,279
	2034	1,061,724,761	3,477,180,473	774,584,098	402,726,698	415,060,578	493,454,176	477,556,861	2,538,318,337
	2035	1,065,721,540	3,494,695,625	776,865,757	404,376,695	416,047,708	494,942,172	480,043,038	2,550,782,394

-D-

2009 VMT PER DAY

UNFACTORED AND SEASONALLY FACTORED

2009 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
01	Androscoggin	Rural		185,426	48,390		298,981	235,585	127,694	125,461	1,021,536
			1.14	210,179	56,467		339,981	267,640	145,274	142,374	1,161,916
		Urban		169,152	199,142	37,148	570,256	276,760	297,051		1,549,509
			1.14	191,544	230,778	42,063	645,705	313,738	336,539		1,760,367
			Total Unfactored	**354,577**	**247,532**	**37,148**	**869,237**	**512,345**	**424,745**	**125,461**	**2,571,045**
			Total Seasonally Factored	**401,723**	**287,245**	**42,063**	**985,686**	**581,378**	**481,813**	**142,374**	**2,922,283**
03	Aroostook	Rural		215,253	159,095		381,819	338,903	477,431	138,972	1,711,473
			1.14	244,455	177,884		431,805	385,695	550,307	158,430	1,948,577
		Urban		36,682	2,324	6,491	56,880	76,654	83,735		262,766
			1.13	41,535	2,598	7,350	64,294	86,812	94,814		297,403
			Total Unfactored	**251,935**	**161,419**	**6,491**	**438,699**	**415,557**	**561,166**	**138,972**	**1,974,238**
			Total Seasonally Factored	**285,990**	**180,483**	**7,350**	**496,099**	**472,507**	**645,121**	**158,430**	**2,245,980**
05	Cumberland	Rural		513,463	1,371,873		484,894	490,424	670,150	259,927	3,790,731
			1.16	593,480	1,586,098		570,076	562,050	784,675	302,342	4,398,721
		Urban		384,407	1,161,219	322,943	672,001	844,222	1,116,687		4,501,480
			1.14	436,639	1,332,156	372,302	763,439	960,883	1,282,175		5,147,595
			Total Unfactored	**897,870**	**2,533,092**	**322,943**	**1,156,895**	**1,334,647**	**1,786,837**	**259,927**	**8,292,211**
			Total Seasonally Factored	**1,030,119**	**2,918,254**	**372,302**	**1,333,515**	**1,522,933**	**2,066,850**	**302,342**	**9,546,315**
07	Franklin	Rural		113,176			270,398	237,707	271,785	29,002	922,066
			1.14	130,216			312,977	253,385	320,461	34,048	1,051,087
			Total Unfactored	**1,011,046**	**2,533,092**	**322,943**	**1,427,292**	**1,572,353**	**2,058,621**	**288,928**	**9,214,277**
			Total Seasonally Factored	**1,160,335**	**2,918,254**	**372,302**	**1,646,492**	**1,776,317**	**2,387,312**	**336,390**	**10,597,403**
09	Hancock	Rural		281,043			436,380	398,181	549,175	252,801	1,917,581
			1.27	361,334			530,220	529,243	705,770	311,544	2,438,111
			Total Unfactored	**1,292,090**	**2,533,092**	**322,943**	**1,863,673**	**1,970,534**	**2,607,796**	**541,729**	**11,131,858**
			Total Seasonally Factored	**1,521,670**	**2,918,254**	**372,302**	**2,176,712**	**2,305,561**	**3,093,082**	**647,934**	**13,035,514**
11	Kennebec	Rural		378,057	956,500		141,108	622,092	677,954	196,151	2,971,862
			1.14	432,023	1,089,805		162,622	710,431	777,031	225,805	3,397,718
		Urban		83,887	217,377		27,061	452,245	228,271		1,008,840
			1.13	94,919	245,066		30,641	512,138	258,390		1,141,153
			Total Unfactored	**461,944**	**1,173,877**	**0**	**168,169**	**1,074,337**	**906,224**	**196,151**	**3,980,702**
			Total Seasonally Factored	**526,942**	**1,334,870**	**0**	**193,264**	**1,222,569**	**1,035,421**	**225,805**	**4,538,871**

2009 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
13	Knox	Rural		152,056			211,555	213,392	179,463	101,605	858,069
			1.17	176,304			252,067	249,012	207,616	119,897	1,004,896
		Urban		15,757			46,062	17,451	29,004		108,274
			1.16	17,903			53,751	20,364	33,273		125,291
Total Unfactored				**167,813**	**0**	**0**	**257,617**	**230,843**	**208,467**	**101,605**	**966,343**
Total Seasonally Factored				**194,207**	**0**	**0**	**305,818**	**269,376**	**240,890**	**119,897**	**1,130,187**
15	Lincoln	Rural		138,863			312,636	164,416	269,831	161,080	1,046,825
			1.24	170,194			383,327	209,790	330,932	198,967	1,293,211
Total Unfactored				**306,675**	**0**	**0**	**570,253**	**395,258**	**478,297**	**262,685**	**2,013,168**
Total Seasonally Factored				**364,401**	**0**	**0**	**689,145**	**479,165**	**571,822**	**318,864**	**2,423,398**
17	Oxford	Rural		264,316			532,639	155,249	349,346	174,533	1,476,082
			1.17	302,911			628,528	177,039	410,569	201,023	1,720,071
		Urban		10,627			25,055	6,542	7,615		49,839
			1.13	12,033			28,409	7,408	8,623		56,472
Total Unfactored				**274,942**	**0**	**0**	**557,694**	**161,791**	**356,961**	**174,533**	**1,525,921**
Total Seasonally Factored				**314,944**	**0**	**0**	**656,937**	**184,447**	**419,192**	**201,023**	**1,776,544**
19	Penobscot	Rural		334,686	1,075,683		170,699	547,219	663,546	215,372	3,007,205
			1.14	379,702	1,211,028		202,357	620,194	760,895	245,144	3,419,319
		Urban		218,068	430,714		277,701	496,289	315,991		1,738,764
			1.13	246,923	487,940		314,636	561,952	357,872		1,969,322
Total Unfactored				**552,754**	**1,506,397**	**0**	**448,400**	**1,043,508**	**979,537**	**215,372**	**4,745,968**
Total Seasonally Factored				**626,625**	**1,698,967**	**0**	**516,992**	**1,182,146**	**1,118,766**	**245,144**	**5,388,642**
21	Piscataquis	Rural		80,022				251,744	118,098	38,508	488,371
			1.16	93,080				285,341	140,322	45,362	564,106
Total Unfactored				**632,776**	**1,506,397**	**0**	**448,400**	**1,295,252**	**1,097,635**	**253,880**	**5,234,339**
Total Seasonally Factored				**719,705**	**1,698,967**	**0**	**516,992**	**1,467,488**	**1,259,089**	**290,506**	**5,952,748**
23	Sagadahoc	Rural		83,520	409,729		236,344		199,428	79,091	1,008,111
			1.17	99,344	478,123		273,089		234,377	92,789	1,177,721
		Urban		38,345		30,361	55,027	19,522	75,367		218,622
			1.14	43,422		35,429	62,457	22,105	85,797		249,209
Total Unfactored				**121,865**	**409,729**	**30,361**	**291,370**	**19,522**	**274,794**	**79,091**	**1,226,733**
Total Seasonally Factored				**142,765**	**478,123**	**35,429**	**335,546**	**22,105**	**320,173**	**92,789**	**1,426,930**

2009 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
25	Somerset	Rural		204,590	299,865		545,272	220,412	403,445	55,278	1,728,862
			1.14	234,040	336,484		633,469	248,425	460,129	62,967	1,975,515
		Urban		11,179			80,138		32,952		124,269
			1.15	12,658			92,616		37,359		142,633
Total Unfactored				**215,769**	**299,865**	**0**	**625,410**	**220,412**	**436,397**	**55,278**	**1,853,131**
Total Seasonally Factored				**246,698**	**336,484**	**0**	**726,085**	**248,425**	**497,488**	**62,967**	**2,118,148**
27	Waldo	Rural		157,899	14,725		416,189		266,950	105,353	961,115
			1.16	180,627	16,515		493,879		305,694	120,797	1,117,511
		Urban		11,637			83,024	21,397	23,110		139,168
			1.17	13,177			99,153	24,228	26,253		162,811
Total Unfactored				**169,536**	**14,725**	**0**	**499,213**	**21,397**	**290,059**	**105,353**	**1,100,283**
Total Seasonally Factored				**193,803**	**16,515**	**0**	**593,032**	**24,228**	**331,947**	**120,797**	**1,280,322**
29	Washington	Rural		125,527			254,884	241,466	351,132	84,797	1,057,805
			1.20	144,876			313,150	297,769	413,480	98,191	1,267,466
Total Unfactored				**295,062**	**14,725**	**0**	**754,097**	**262,863**	**641,192**	**190,150**	**2,158,088**
Total Seasonally Factored				**338,680**	**16,515**	**0**	**906,182**	**321,997**	**745,427**	**218,987**	**2,547,788**
31	York	Rural		691,156	1,683,917		482,789	761,681	661,451	325,515	4,606,509
			1.21	822,048	2,084,507		547,088	917,731	808,171	383,807	5,563,351
		Urban		189,513	251,310	23,570	155,185	369,009	412,923		1,401,509
			1.16	218,099	298,880	28,736	175,784	421,784	481,471		1,624,755
Total Unfactored				**880,668**	**1,935,226**	**23,570**	**637,974**	**1,130,690**	**1,074,374**	**325,515**	**6,008,018**
Total Seasonally Factored				**1,040,147**	**2,383,387**	**28,736**	**722,872**	**1,339,515**	**1,289,642**	**383,807**	**7,188,106**
	Statewide	**Rural**	**Unfactored**	**3,919,051**	**6,019,778**	**0**	**5,176,587**	**4,878,468**	**6,236,877**	**2,343,443**	**28,574,203**
			Summer	**4,574,814**	**7,036,910**	**0**	**6,074,635**	**5,713,746**	**7,355,706**	**2,743,487**	**33,499,298**
		Urban	**Unfactored**	**1,169,253**	**2,262,085**	**420,513**	**2,048,389**	**2,580,092**	**2,622,706**	**0**	**11,103,039**
			Summer	**1,328,852**	**2,597,418**	**485,880**	**2,330,886**	**2,931,411**	**3,002,565**	**0**	**12,677,012**

-E-

VMT DISTRIBUTION FOR MOBILE6.2 RUN YEARS

VMT Distribution for MOBILE6.2 Run Years
National Default from MOBILE6 Model

Year	LDGV	LDGT1&2	LDGT3&4	HDGV	LDDV	LDDT	HDDV	MC	BUS	ALL VEH
2012	32.71%	40.43%	13.89%	3.59%	0.03%	0.20%	8.32%	0.54%	0.29%	100.00%
2016	29.67%	42.64%	14.64%	3.60%	0.03%	0.22%	8.38%	0.52%	0.30%	100.00%
2025	27.88%	43.88%	15.07%	3.64%	0.03%	0.22%	8.46%	0.51%	0.30%	99.99%
2030	27.88%	43.88%	15.07%	3.64%	0.03%	0.22%	8.46%	0.51%	0.30%	99.99%
2035	27.88%	43.88%	15.07%	3.64%	0.03%	0.22%	8.46%	0.51%	0.30%	99.99%

-F-

MOBILE6.2
INPUT FILES

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* Run for 12-15 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : AN
SPREADSHEET        : AN

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 6 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2012 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2016 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2025 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2030 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2035 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2012 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2016 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2025 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2030 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2035 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2012 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2016 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2025 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2030 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2035 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2012 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2016 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2025 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2030 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2035 Speed 46 mph  (46) Rural Local [Arterial]
```

```
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : ANLEV
SPREADSHEET        : ANLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 6 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2012 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2016 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2025 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2030 Speed 45 mph (45) Minor Arterial [Arterial]
```

```
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC6]
* 2035 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2012 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2016 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2025 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2030 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2035 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2012 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2016 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2025 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2030 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC8]
* 2035 Speed 46 mph  (46) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2012 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2016 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2025 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2030 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC9]
* 2035 Speed 46 mph  (46) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Cumberland County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* Assuming complete phase-out of Stage II program
*
* With ATP catalyst removal and gas cap; and gas cap pressure I/M and Cumberland
County OBD
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.
*

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : CD
SPREADSHEET        : CD

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111112

I/M PROGRAM        : 1 2000 2050 1 TRC OBD I/M
I/M MODEL YEARS    : 1 1996 2050
I/M VEHICLES       : 1 22222 11111111 1
I/M STRINGENCY     : 1 20.0
I/M WAIVER RATES   : 1 0.0 1.0
I/M COMPLIANCE     : 1 96.0
I/M GRACE PERIOD   : 1 1

I/M PROGRAM        : 2 2000 2050 1 TRC EVAP OBD & GC
I/M MODEL YEARS    : 2 1996 2050
I/M VEHICLES       : 2 22222 11111111 1
I/M COMPLIANCE     : 2 96.0
I/M GRACE PERIOD   : 2 1

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 67 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2012 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2016 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2025 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2030 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2035 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 39 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2012 Speed 39 mph (39) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2016 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2025 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2030 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2035 Speed 39 mph (39) Rural Interstate [Freeway]
```

```
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2012 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2016 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2025 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2030 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2035 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2012 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2016 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2025 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2030 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2035 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2012 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2016 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2025 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2030 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2035 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2012 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2016 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2025 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2030 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2035 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 58 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2012 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2016 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2025 Speed 58 mph (58) Urban Interstate [Freeway]
```

```
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2030 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2035 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2012 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2016 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2025 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2030 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2035 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 27 - Arterial
```

```
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2012 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2016 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2025 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2030 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2035 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2012 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2016 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2025 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2030 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2035 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2012 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2016 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2025 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2030 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2035 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2012 Speed 31 mph (31) Urban Local [Arterial]
```

```
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2016 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2025 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2030 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2035 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
```

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* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Cumberland County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* Assuming complete phase-out of Stage II program
*
* With ATP catalyst removal and gas cap; and gas cap pressure I/M and Cumberland
County OBD
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.
*

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : CDLEV
SPREADSHEET        : CDLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111112

I/M PROGRAM        : 1 2000 2050 1 TRC OBD I/M
I/M MODEL YEARS    : 1 1996 2050
I/M VEHICLES       : 1 22222 11111111 1
I/M STRINGENCY     : 1 20.0
I/M WAIVER RATES   : 1 0.0 1.0
I/M COMPLIANCE     : 1 96.0
I/M GRACE PERIOD   : 1 1

I/M PROGRAM        : 2 2000 2050 1 TRC EVAP OBD & GC
I/M MODEL YEARS    : 2 1996 2050
I/M VEHICLES       : 2 22222 11111111 1
I/M COMPLIANCE     : 2 96.0
I/M GRACE PERIOD   : 2 1

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 67 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2012 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2016 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2025 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2030 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 67 [FC 1]
* 2035 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 39 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2012 Speed 39 mph (39) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2016 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2025 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2030 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC2]
* 2035 Speed 39 mph (39) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2012 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2016 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2025 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2030 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC6]
* 2035 Speed 41 mph (41) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2012 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2016 Speed 42 mph (42) Rural Major Collector  [Arterial]
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CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2025 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2030 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2035 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2012 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2016 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2025 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
* 2030 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC8]
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* 2035 Speed 41 mph  (41) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2012 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2016 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2025 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2030 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC9]
* 2035 Speed 44 mph  (44) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 58 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2012 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2016 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2025 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2030 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2035 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2012 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2016 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2025 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2030 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 46 [FC12]
* 2035 Speed 46 mph (46) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 46 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2012 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2016 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2025 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2030 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC14]
* 2035 Speed 27 mph (27) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2012 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2016 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
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* 2025 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2030 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2035 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2012 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2016 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2025 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2030 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2035 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0
```

```
* FC 19 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2012 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2016 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2025 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2030 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC19]
* 2035 Speed 31 mph (31) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Hancock County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : Hancock
SPREADSHEET        : Hancock

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 9.0
MIN/MAX TEMP       : 63. 90.

* FC 6 - Speed 43 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2035 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2012 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2016 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2025 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2030 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2035 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2012 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2016 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2025 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2030 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
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CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Hancock County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : HancLEV
SPREADSHEET        : HancLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 9.0
MIN/MAX TEMP       : 63. 90.

* FC 6 - Speed 43 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2035 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2012 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2016 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2025 Speed 43 mph (43) Minor Arterial [Arterial]
```

```
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC6]
* 2030 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2035 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2012 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2016 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2025 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC7]
* 2030 Speed 42 mph (42) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Knox County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : Knox
SPREADSHEET        : Knox

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 2 - Speed 42 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2035 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2012 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2016 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2025 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2030 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 50 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2035 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2012 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2016 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2025 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2030 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2035 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2012 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
```

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ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2016 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2025 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2030 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
```

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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 14 - Speed 24 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2035 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2012 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2016 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2025 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2030 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2035 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2012 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2016 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2025 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2030 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0
```

```
* FC 17 - Speed 25 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2035 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2012 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2016 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2025 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2030 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2035 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2012 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2016 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2016
```

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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2025 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2030 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
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```
* Run for 12-15 STIP Conformity Analysis
* Knox County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : KnoxLEV
SPREADSHEET        : KnoxLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 2 - Speed 42 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2035 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2012 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2016 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2025 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 42 [FC2]
* 2030 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 42 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 50 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2035 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2012 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2016 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2025 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 50 [FC6]
* 2030 Speed 50 mph (50) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 50 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2035 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2012 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2016 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2025 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC7]
* 2030 Speed 44 mph (44) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 14 - Speed 24 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2035 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2012 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2016 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2025 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 24 [FC14]
* 2030 Speed 24 mph (24) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 24 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2035 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2012 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2016 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2025 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC16]
* 2030 Speed 26 mph (26) Urban Minor Arterial[Arterial]
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CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 25 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2035 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2012 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2016 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2025 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 25 [FC17]
* 2030 Speed 25 mph  (25)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 25 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2035 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2012 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2016 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2025 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2030 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Lincoln County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : Lincoln
SPREADSHEET        : Lincoln

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 2 - Speed 47 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2035 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2012 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2016 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2025 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2030 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2035 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2012 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2016 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2025 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2030 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2035 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2012 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2016 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2025 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2030 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
```

```
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 48 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2035 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2012 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2016 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2025 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2030 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Lincoln County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : LincLEV
SPREADSHEET        : LincLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 2 - Speed 47 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2035 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2012 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2016 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2025 Speed 47 mph (47) Other Principal Arterial [Freeway]
```

```
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC2]
* 2030 Speed 47 mph (47) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2035 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2012 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2016 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2025 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2030 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2035 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2012 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2016 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2025 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC7]
* 2030 Speed 45 mph (45) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2035 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2012 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2016 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2025 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC8]
* 2030 Speed 44 mph  (44) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 48 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2035 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2012 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2016 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2025 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 48 [FC9]
* 2030 Speed 48 mph  (48) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 48 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
```

```
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Sagadahoc County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* Run for years following phase-out of Stage II Refueling
*
* With ATP, catalyst removal; no I/M
* National LEV start 1999, Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : SC
SPREADSHEET        : SC

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 69 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2012 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2016 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2025 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2030 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2035 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 45 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2012 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2016 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2025 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2030 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2035 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2012 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
```

```
* 2016 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2025 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2030 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2035 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2012 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2016 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2025 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2030 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2035 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2012 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2016 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2025 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2030 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2035 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 30 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2012 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2016 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2025 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2030 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2035 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
```

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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 23 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2012 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2016 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2025 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2030 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2035 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2012 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2016 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2025 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2030 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2035 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2012 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2016 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2025 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2030 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2035 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0
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* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Sagadahoc County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* Run for years following phase-out of Stage II Refueling
*
* With ATP, catalyst removal; no I/M
* National LEV start 1999, Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : SCLEV
SPREADSHEET        : SCLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 69 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2012 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2016 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2025 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2030 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 69 [FC 1]
* 2035 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 45 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2012 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2016 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2025 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2030 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC2]
* 2035 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2012 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2016 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2025 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2030 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC7]
* 2035 Speed 47 mph (47) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2012 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2016 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2025 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2030 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 45 [FC8]
* 2035 Speed 45 mph  (45) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 45 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2012 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2016 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2025 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2030 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC9]
* 2035 Speed 47 mph  (47) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 44 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2012 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2016 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2025 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2030 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC12]
* 2035 Speed 44 mph (44) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 30 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2012 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2016 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2025 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2030 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 30 [FC14]
* 2035 Speed 30 mph (30) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 30 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 23 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2012 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2016 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2025 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2030 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 23 [FC16]
* 2035 Speed 23 mph (23) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 23 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 26 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2012 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2016 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2025 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2030 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 26 [FC17]
* 2035 Speed 26 mph  (26)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 26 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2012 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2016 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2025 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2030 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC19]
* 2035 Speed 29 mph (29) Urban Local [Arterial]
```

```
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Waldo County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : Waldo
SPREADSHEET        : Waldo

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 9.0
MIN/MAX TEMP       : 63. 90.

* FC 7 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2035 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2012 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2016 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2025 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2030 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2035 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2012 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2016 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2025 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2030 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2035 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2012 Speed 49 mph  (49) Rural Local [Arterial]
```

```
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2016 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2025 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2030 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
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* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* Waldo County - Analysis Years: 2012, 2016, 2025, 2030 and 2035
*
*
* With ATP catalyst removal; no I/M; no Stage II
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.


MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : WaldoLEV
SPREADSHEET        : WaldoLEV

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 9.0
MIN/MAX TEMP       : 63. 90.

* FC 7 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2035 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2012 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2016 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
```

```
* 2025 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC7]
* 2030 Speed 49 mph (49) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2035 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2012 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2016 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2025 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC8]
* 2030 Speed 47 mph  (47) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2035 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2012 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2016 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2025 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC9]
* 2030 Speed 49 mph  (49) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
```

```
* Run for 12-15 STIP Conformity Analysis
* York County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
* Run for years after phase-out of Stage II refueling
*
* With ATP catalyst removal; no I/M
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is without Maine LEV II.  Users must also do a separate run with
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : YK
SPREADSHEET        : YK

RUN DATA
EXPRESS HC AS VOC  :
EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 65 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2012 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2016 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2025 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2030 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

```
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2035 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 44 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2012 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2016 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2025 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2030 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2035 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 38 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2012 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2016 Speed 38 mph (38) Minor Arterial [Arterial]
```

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CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2025 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2030 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2035 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 39 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2012 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2016 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2025 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2030 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
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* 2035 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 40 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2012 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2016 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2025 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2030 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2035 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 43 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2012 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2016 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

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AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2025 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2030 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2035 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 58 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2012 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2016 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2025 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2030 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2035 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2012 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2016 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2025 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2030 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2035 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2012 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2016 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
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* 2025 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2030 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2035 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2012 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2016 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2025 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2030 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2035 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0
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* FC 17 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2012 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2016 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2025 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2030 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2035 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 32 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2012 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2016 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2025 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2030 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2035 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
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* Run for 12-15 STIP Conformity Analysis
* York County - Analysis Years: 2012, 2016, 2025, 2030, and 2035
*
*
* Run for years after phase-out of Stage II refueling
*
* With ATP catalyst removal; no I/M
* National LEV start 1999,  Tier 2 start 2004.
*
* This run is with Maine LEV II.  Users must also do a separate run without
* Maine LEV II and take 90% credit.

MOBILE6 INPUT FILE :
AGGREGATED OUTPUT  :
REPORT FILE        : YKLEV
SPREADSHEET        : YKLEV

RUN DATA
EXPRESS HC AS VOC  :
EXPAND EVAPORATIVE :

* Inputs for Maine's LEV II Program
94+ LDG IMP        : MELEV2.D
T2 EXH PHASE-IN    : LEV2EXH.D
T2 EVAP PHASE-IN   : LEV2EVAP.D
T2 CERT            : LEV2CERT.D

ANTI-TAMP PROG     :
99 83 30 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
FUEL RVP           : 7.8
MIN/MAX TEMP       : 63. 90.

* FC 1 - Speed 65 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2012 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2016 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2025 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2030 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2035 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 44 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2012 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2016 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2025 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2030 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 44 [FC2]
* 2035 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 44 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 38 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2012 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2016 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2025 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2030 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC6]
* 2035 Speed 38 mph (38) Minor Arterial [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 39 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2012 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2016 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2025 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2030 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 39 [FC7]
* 2035 Speed 39 mph (39) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 39 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 40 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2012 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2016 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2025 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2030 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 40 [FC8]
* 2035 Speed 40 mph  (40) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 40 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 43 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2012 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2016 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2025 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2030 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 43 [FC9]
* 2035 Speed 43 mph  (43) Rural Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 43 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 58 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2012 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2016 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2025 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2030 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0
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SCENARIO RECORD    : Scenario Title : ME speed 58 [FC11]
* 2035 Speed 58 mph (58) Urban Interstate [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 58 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2012 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2016 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2025 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2030 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 38 [FC12]
* 2035 Speed 38 mph (38) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 38 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2012 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2016 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2025 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2030 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC14]
* 2035 Speed 29 mph (29) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 29 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2012 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2016 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2025 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2030 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 29 [FC16]
* 2035 Speed 29 mph (29) Urban Minor Arterial[Arterial]
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CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 29 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2012 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2016 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2025 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2030 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 27 [FC17]
* 2035 Speed 27 mph  (27)  Urban Collector [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 27 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 32 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2012 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2016 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2025 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2030 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 32 [FC19]
* 2035 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 32 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2012 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2012
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2016 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2025 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2030 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2035 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2035
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN         :
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TOWN VMT BY YEAR, FEDERAL FUNCTIONAL CLASS, AND AVERAGE SPEED

Town VMT by Year, Federal Functional Class and Average Speed

01 Androscoggin County

Town name: **Durham**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	45	279	286	294	304	310	316
7	45	57,630	59,084	60,783	62,992	64,220	65,447
8	46	16,877	17,303	17,801	18,447	18,807	19,166
9	46	22,129	22,687	23,340	24,188	24,659	25,130

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Brunswick**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	155,321	159,394	164,141	170,211	173,583	176,955
7	42	36,941	37,910	39,039	40,482	41,284	42,087
9	44	55,999	57,467	59,178	61,367	62,582	63,798
12	46	216,080	221,745	228,349	236,794	241,485	246,176
14	27	54,427	55,854	57,517	59,644	60,826	62,008
16	26	61,133	62,736	64,604	66,993	68,320	69,648
17	27	136,021	139,587	143,744	149,060	152,013	154,966
19	31	41,470	42,557	43,825	45,445	46,346	47,246

Town name: **Cape Elizabeth**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
17	27	66,935	67,575	68,561	72,316	72,282	74,600
19	31	25,829	25,855	26,759	27,899	29,077	30,469

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Casco**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	39	62,337	63,971	65,877	68,313	69,666	71,019
6	41	32,454	33,305	34,297	35,565	36,270	36,974
8	41	20,022	20,547	21,158	21,941	22,376	22,810
9	44	19,473	19,984	20,579	21,340	21,763	22,185

Town name: **Cumberland**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	155,426	159,501	164,251	170,325	173,700	177,074
6	41	17,871	18,340	18,886	19,584	19,972	20,360
7	42	20,751	21,295	21,929	22,740	23,190	23,641
8	41	13,340	13,689	14,097	14,618	14,908	15,198
9	44	16,703	17,141	17,651	18,304	18,666	19,029
11	58	61,335	61,654	62,073	62,843	63,644	64,908
17	27	51,557	53,820	56,655	63,671	64,094	67,485
19	31	12,959	13,203	13,338	14,829	15,552	16,129

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Falmouth**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	236,018	242,206	249,419	258,643	263,767	268,891
6	41	24,898	25,551	26,312	27,285	27,826	28,366
7	42	59,804	61,372	63,200	65,537	66,835	68,134
8	41	12,588	12,918	13,303	13,795	14,068	14,341
9	44	25,968	26,649	27,443	28,458	29,021	29,585
11	58	197,089	199,634	203,060	208,596	212,230	218,061
14	27	8,852	9,084	9,355	9,701	9,893	10,085
16	26	25,074	25,656	26,434	28,041	28,833	29,720
17	27	119,778	124,889	128,498	140,021	143,410	151,317
19	31	10,508	11,327	12,851	13,773	15,292	16,360

Town name: **Freeport**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	286,989	294,513	303,284	314,500	320,731	326,961
7	42	37,652	38,639	39,790	41,261	42,079	42,896
8	41	26,343	27,034	27,839	28,868	29,440	30,012
9	44	32,011	32,850	33,829	35,080	35,775	36,470
11	58	73,930	75,222	77,655	81,011	82,820	84,548
17	27	80,110	83,942	86,817	91,827	96,232	100,098
19	31	12,622	13,316	14,172	15,556	16,367	17,312

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Frye Island**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	44	0	0	0	0	0	0

Town name: **Gorham**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	39	7,746	7,949	8,186	8,489	8,657	8,825
6	41	75,030	76,997	79,290	82,222	83,851	85,480
7	42	65,524	67,242	69,244	71,805	73,227	74,650
8	41	4,269	4,381	4,511	4,678	4,771	4,863
9	44	43,988	45,141	46,486	48,205	49,160	50,115
14	27	58,931	60,476	62,277	64,580	65,859	67,139
16	26	99,239	101,527	106,642	114,100	117,049	122,160
17	27	76,346	78,056	82,349	87,016	89,969	93,464
19	31	23,811	24,471	26,383	30,286	32,043	33,353

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Gray**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	226,315	232,249	239,166	248,010	252,923	257,837
2	39	63,650	65,319	67,264	69,751	71,133	72,515
6	41	130,806	134,235	138,233	143,345	146,185	149,025
7	42	26,608	27,306	28,119	29,159	29,736	30,314
8	41	13,688	14,047	14,466	15,001	15,298	15,595
9	44	43,575	44,718	46,050	47,753	48,699	49,645

Town name: **Harpswell**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	82,985	85,161	87,697	90,940	92,742	94,544
8	41	10,870	11,155	11,487	11,912	12,148	12,384
9	44	8,372	8,592	8,848	9,175	9,357	9,538

Town name: **Long Island**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	44	0	0	0	0	0	0
19	31	175	180	185	192	196	199

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **New Gloucester**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	152,214	156,205	160,857	166,806	170,111	173,415
2	39	24,079	24,711	25,447	26,388	26,910	27,433
6	41	69,233	71,048	73,164	75,869	77,372	78,876
7	42	25,278	25,940	26,713	27,701	28,250	28,798
8	41	2,665	2,735	2,817	2,921	2,979	3,037
9	44	43,007	44,135	45,449	47,130	48,064	48,997

Town name: **North Yarmouth**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	35,536	36,468	37,554	38,943	39,714	40,486
8	41	8,449	8,671	8,929	9,259	9,443	9,626
9	44	13,597	13,953	14,369	14,900	15,195	15,491
17	27	13,491	13,736	14,178	15,405	16,057	16,665
19	31	1,688	1,667	1,562	1,749	1,810	1,840

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Portland**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
11	58	581,905	591,024	601,384	618,281	630,261	643,670
12	46	30,511	34,052	38,298	38,522	40,669	42,369
14	27	463,805	475,966	490,140	508,266	518,336	528,405
16	26	174,741	178,751	184,142	189,294	193,946	201,547
17	27	174,931	182,172	184,892	194,842	199,572	210,283
19	31	105,269	108,772	112,482	117,971	123,448	129,331

Town name: **Pownal**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	23,082	23,687	24,393	25,295	25,796	26,297
9	44	16,122	16,544	17,037	17,667	18,017	18,367

Town name: **Raymond**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	39	68,488	70,284	72,377	75,054	76,541	78,028
8	41	54,957	56,398	58,078	60,225	61,419	62,612
9	44	32,737	33,595	34,595	35,875	36,585	37,296

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Scarborough**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	67	373,815	383,616	395,041	409,650	417,765	425,881
7	42	11,774	12,082	12,442	12,902	13,158	13,414
8	41	50,074	51,387	52,917	54,874	55,961	57,048
9	44	34,972	35,889	36,957	38,324	39,083	39,843
11	58	59,160	60,809	62,260	65,238	66,568	68,464
12	46	22,646	23,423	24,253	25,267	26,172	26,987
16	26	270,684	280,554	290,063	307,241	314,961	327,402
17	27	202,985	207,086	212,776	219,228	225,924	233,551
19	31	45,879	49,159	52,208	57,674	59,142	61,496

Town name: **South Portland**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
11	58	222,993	237,635	242,109	248,098	253,464	259,102
12	46	76,777	79,816	82,626	85,721	87,971	91,009
14	27	38,180	39,181	40,348	41,840	42,669	43,498
16	26	195,584	199,388	205,298	213,185	216,203	223,352
17	27	118,038	120,234	124,072	128,459	131,214	136,209
19	31	69,482	71,698	76,922	76,915	78,167	81,070

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Standish**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	41	74,600	76,556	78,836	81,752	83,371	84,991
7	42	192,327	197,370	203,248	210,764	214,939	219,115
9	44	52,310	53,681	55,280	57,324	58,460	59,595

Town name: **Westbrook**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	44	212	217	224	232	237	241
12	46	26,289	27,065	28,653	29,271	31,217	32,573
14	27	101,976	104,649	107,766	111,751	113,965	116,179
16	26	125,059	127,559	131,137	138,006	140,918	145,138
17	27	101,018	103,020	106,706	115,191	117,714	124,203
19	31	479	492	506	525	535	546
19	31	41,155	42,416	44,247	50,110	55,088	56,334

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Windham**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	39	165,829	170,177	175,245	181,726	185,326	188,926
6	41	80,287	82,392	84,845	87,983	89,726	91,469
7	42	52,469	53,845	55,448	57,499	58,638	59,777
8	41	29,927	30,712	31,626	32,796	33,445	34,095
9	44	50,959	52,295	53,853	55,844	56,951	58,057
14	27	37,268	38,246	39,385	40,841	41,650	42,459
16	26	9,370	9,598	10,069	10,635	11,417	11,921
17	27	45,605	46,287	47,809	52,296	54,193	55,403
19	31	10,448	10,423	10,765	12,897	14,319	15,019

Town name: **Yarmouth**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	44	2,890	2,965	3,054	3,167	3,229	3,292
11	58	135,744	137,207	142,505	146,206	148,137	151,470
17	27	95,361	98,546	97,125	103,204	107,340	110,537
19	31	34,865	36,771	37,695	41,137	43,275	44,798

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Bar Harbor**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	43	124,967	127,762	130,965	134,632	136,669	138,706
7	42	106,947	109,339	112,080	115,218	116,961	118,704
8	44	695	710	728	749	760	771
9	47	87,929	89,896	92,150	94,729	96,163	97,596

Town name: **Blue Hill**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	59,753	61,089	62,621	64,374	65,348	66,322
8	44	45,960	46,988	48,166	49,514	50,263	51,013
9	47	15,721	16,073	16,476	16,937	17,193	17,450

Town name: **Brooklin**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
8	44	12,763	13,049	13,376	13,751	13,959	14,167
9	47	6,053	6,189	6,344	6,521	6,620	6,719

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Brooksville**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	1,033	1,056	1,082	1,113	1,130	1,146
8	44	12,684	12,967	13,292	13,664	13,871	14,078
9	47	9,565	9,779	10,025	10,305	10,461	10,617

Town name: **Cranberry Isles**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	47	295	302	309	318	323	328

Town name: **Deer Isle**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	32,353	33,077	33,906	34,855	35,383	35,910
8	44	8,011	8,190	8,396	8,631	8,761	8,892
9	47	15,994	16,352	16,762	17,231	17,492	17,752

Town name: **Frenchboro**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
8	44	0	0	0	0	0	0
9	47	0	0	0	0	0	0

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Gouldsboro**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	43	36,977	37,805	38,752	39,837	40,440	41,043
7	42	20,742	21,206	21,738	22,347	22,685	23,023
8	44	10,268	10,497	10,761	11,062	11,229	11,397
9	47	4,449	4,548	4,662	4,793	4,865	4,938

Town name: **Hancock**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	43	96,449	98,607	101,079	103,909	105,481	107,053
7	42	21,401	21,880	22,428	23,056	23,405	23,754
8	44	2,878	2,942	3,016	3,100	3,147	3,194
9	47	11,485	11,742	12,036	12,373	12,560	12,748

Town name: **Lamoine**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	18,872	19,294	19,778	20,331	20,639	20,946
8	44	11,304	11,557	11,847	12,178	12,362	12,547
9	47	6,156	6,294	6,452	6,632	6,732	6,833

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Mount Desert**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	120,270	122,960	126,043	129,571	131,532	133,492
8	44	8,714	8,909	9,132	9,388	9,530	9,672
9	47	39,189	40,065	41,070	42,220	42,858	43,497

Town name: **Sedgwick**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	30,798	31,487	32,277	33,180	33,682	34,184
8	44	15,786	16,139	16,544	17,007	17,264	17,521
9	47	3,159	3,229	3,310	3,403	3,455	3,506

Town name: **Sorrento**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
8	44	1,983	2,027	2,078	2,136	2,168	2,201
9	47	2,325	2,377	2,437	2,505	2,543	2,581

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
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Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Southwest Harbor**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	45,305	46,319	47,480	48,809	49,548	50,286
8	44	12,916	13,205	13,536	13,915	14,125	14,336
9	47	9,787	10,005	10,256	10,543	10,703	10,862

Town name: **Stonington**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	7,109	7,268	7,450	7,659	7,775	7,890
8	44	5,511	5,635	5,776	5,938	6,027	6,117
9	47	9,466	9,677	9,920	10,198	10,352	10,506

Town name: **Sullivan**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	43	48,355	49,437	50,676	52,095	52,883	53,671
7	42	2,487	2,542	2,606	2,679	2,719	2,760
8	44	3,719	3,802	3,897	4,007	4,067	4,128
9	47	4,147	4,240	4,346	4,468	4,536	4,603

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Surry**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	36,186	36,995	37,923	38,984	39,574	40,164
8	44	10,395	10,628	10,894	11,199	11,369	11,538
9	47	7,186	7,347	7,531	7,742	7,859	7,976

Town name: **Swans Island**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	1,007	1,030	1,055	1,085	1,101	1,118
8	44	0	0	0	0	0	0
9	47	1,224	1,251	1,283	1,319	1,339	1,359

Town name: **Tremont**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	4,481	4,581	4,696	4,828	4,901	4,974
8	44	18,963	19,387	19,873	20,430	20,739	21,048
9	47	7,716	7,888	8,086	8,313	8,438	8,564

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

09 Hancock County

Town name: **Trenton**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	43	122,113	124,845	127,975	131,558	133,548	135,539
7	42	3,860	3,947	4,045	4,159	4,222	4,285
8	44	13,867	14,177	14,533	14,940	15,166	15,392
9	47	3,764	3,849	3,945	4,055	4,117	4,178

Town name: **Winter Harbor**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	42	6,153	6,291	6,448	6,629	6,729	6,830
8	44	620	634	650	668	679	689
9	47	6,027	6,162	6,316	6,493	6,591	6,690

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Camden**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	42	46,521	47,752	49,200	51,158	52,247	53,335
7	44	12,845	13,185	13,585	14,126	14,426	14,727
8	44	23,969	24,603	25,349	26,358	26,919	27,479
9	47	28,321	29,070	29,951	31,144	31,806	32,469

Town name: **Cushing**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	6,825	7,006	7,218	7,506	7,665	7,825
8	44	18,994	19,497	20,088	20,888	21,332	21,776
9	47	1,383	1,420	1,463	1,521	1,554	1,586

Town name: **Friendship**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	10,636	10,918	11,249	11,697	11,946	12,194
8	44	1,120	1,150	1,185	1,232	1,258	1,284
9	47	3,462	3,553	3,661	3,807	3,888	3,969

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Isle Au Haut**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	47	1,464	1,503	1,549	1,610	1,645	1,679

Town name: **Matinicus Isle Plt**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
8	44	0	0	0	0	0	0
9	47	84	86	89	92	94	96

Town name: **North Haven**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	3,194	3,278	3,378	3,512	3,587	3,662
8	44	978	1,004	1,035	1,076	1,099	1,122
9	47	8,515	8,740	9,005	9,364	9,563	9,762

Town name: **Owls Head**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	12,413	12,741	13,127	13,650	13,940	14,231
8	44	10,328	10,601	10,923	11,358	11,599	11,841
9	47	2,831	2,906	2,994	3,113	3,180	3,246

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Rockland**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	50	16,409	16,843	17,354	18,045	18,429	18,813
7	44	7,216	7,407	7,632	7,936	8,104	8,273
8	44	0	0	0	0	0	0
9	47	3,423	3,514	3,620	3,764	3,844	3,924
14	24	53,751	55,173	56,846	59,109	60,366	61,623
16	26	20,364	20,903	21,537	22,394	22,870	23,347
17	25	33,273	34,154	35,190	36,590	37,369	38,147
19	29	17,903	18,377	18,934	19,688	20,107	20,525

Town name: **Rockport**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	42	82,643	84,829	87,402	90,881	92,814	94,747
6	50	88,998	91,352	94,123	97,870	99,951	102,033
7	44	5,467	5,611	5,782	6,012	6,140	6,267
8	44	8,360	8,581	8,841	9,193	9,389	9,584
9	47	35,780	36,726	37,840	39,346	40,183	41,020

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Saint George**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	39,925	40,981	42,224	43,905	44,838	45,772
9	47	11,025	11,317	11,660	12,124	12,382	12,640

Town name: **South Thomaston**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	35,466	36,404	37,508	39,001	39,831	40,660
8	44	4,894	5,024	5,176	5,382	5,496	5,611
9	47	6,707	6,885	7,094	7,376	7,533	7,690

Town name: **Thomaston**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	42	63,465	65,144	67,120	69,792	71,277	72,761
7	44	14,994	15,391	15,857	16,489	16,839	17,190
8	44	5,981	6,140	6,326	6,578	6,718	6,857
9	47	12,539	12,871	13,261	13,789	14,083	14,376

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Vinalhaven**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	44	2,871	2,947	3,036	3,157	3,224	3,291
8	44	0	0	0	0	0	0
9	47	2,237	2,296	2,365	2,460	2,512	2,564

Town name: **Warren**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	42	59,438	61,011	62,861	65,364	66,754	68,144
6	50	41,827	42,934	44,236	45,997	46,975	47,953
7	44	18,819	19,317	19,902	20,695	21,135	21,575
8	44	5,820	5,974	6,155	6,400	6,536	6,672
9	47	23,236	23,850	24,574	25,552	26,095	26,639

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Alna**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	45	11,561	11,776	12,021	12,289	12,439	12,588
8	44	5,831	5,939	6,062	6,198	6,273	6,349
9	48	2,579	2,627	2,682	2,742	2,775	2,808

Town name: **Boothbay**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	47	56,689	57,744	58,944	60,263	60,995	61,727
7	45	5,256	5,354	5,465	5,587	5,655	5,723
8	44	22,317	22,732	23,205	23,724	24,012	24,301
9	48	24,058	24,506	25,015	25,575	25,886	26,196

Town name: **Boothbay Harbor**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	47	20,536	20,918	21,353	21,831	22,096	22,361
7	45	16,996	17,313	17,673	18,068	18,287	18,507
8	44	10,992	11,196	11,429	11,685	11,827	11,969
9	48	13,024	13,266	13,542	13,845	14,013	14,181

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Bremen**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	45	8,730	8,892	9,077	9,280	9,393	9,505
8	44	3,842	3,914	3,995	4,084	4,134	4,184
9	48	3,171	3,230	3,297	3,371	3,412	3,453

Town name: **Bristol**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	45	67,820	69,081	70,518	72,095	72,971	73,847
8	44	12,383	12,613	12,875	13,163	13,323	13,483
9	48	14,741	15,016	15,328	15,671	15,861	16,052

Town name: **Damariscotta**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	23,359	23,793	24,288	24,831	25,133	25,435
7	45	43,080	43,881	44,793	45,795	46,352	46,908
8	44	17,273	17,594	17,960	18,362	18,585	18,808
9	48	8,886	9,051	9,240	9,446	9,561	9,676

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Dresden**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	47	19,229	19,586	19,994	20,441	20,689	20,937
7	45	9,909	10,093	10,303	10,533	10,661	10,789
8	44	20,006	20,378	20,802	21,267	21,526	21,784
9	48	5,637	5,741	5,861	5,992	6,065	6,138

Town name: **Edgecomb**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	44,232	45,054	45,991	47,020	47,591	48,162
6	47	44,291	45,115	46,053	47,083	47,655	48,227
7	45	432	440	449	459	465	470
8	44	8,974	9,141	9,331	9,539	9,655	9,771
9	48	5,249	5,347	5,458	5,580	5,648	5,716

Town name: **Monhegan Island Plt**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	48	19	20	20	20	21	21

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Newcastle**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	81,204	82,714	84,434	86,323	87,372	88,420
7	45	19,447	19,809	20,221	20,673	20,924	21,175
8	44	19,370	19,730	20,141	20,591	20,841	21,091
9	48	8,337	8,492	8,669	8,863	8,971	9,078

Town name: **Nobleboro**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	52,732	53,713	54,830	56,056	56,738	57,419
7	45	623	635	648	662	670	679
8	44	10,862	11,064	11,294	11,546	11,687	11,827
9	48	12,348	12,578	12,840	13,127	13,286	13,446

Town name: **South Bristol**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	45	24,687	25,147	25,670	26,244	26,562	26,881
8	44	1,128	1,149	1,173	1,199	1,214	1,229
9	48	4,001	4,076	4,161	4,254	4,305	4,357

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Southport**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	45	652	664	678	693	702	710
8	44	9,864	10,048	10,257	10,486	10,613	10,741
9	48	1,494	1,522	1,554	1,588	1,608	1,627

Town name: **Waldoboro**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	91,935	93,645	95,592	97,730	98,918	100,105
7	45	58,351	59,437	60,673	62,030	62,783	63,537
8	44	12,958	13,199	13,473	13,775	13,942	14,109
9	48	22,777	23,201	23,683	24,213	24,507	24,801

Town name: **Westport Island**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
8	44	6,160	6,275	6,405	6,548	6,628	6,707
9	48	3,650	3,718	3,796	3,880	3,928	3,975

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Wiscasset**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	47	89,866	91,537	93,441	95,530	96,691	97,852
6	47	26,186	26,673	27,227	27,836	28,175	28,513
7	45	6,322	6,440	6,574	6,721	6,803	6,884
8	44	10,059	10,246	10,459	10,693	10,823	10,953
9	48	15,949	16,246	16,584	16,954	17,160	17,366

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **Arrowsic**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	47	17,836	18,183	18,589	19,123	19,419	19,716
9	47	1,696	1,729	1,767	1,818	1,846	1,874

Town name: **Bath**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	47	777	792	810	833	846	859
8	45	2,423	2,470	2,525	2,598	2,638	2,678
9	47	7,814	7,966	8,144	8,378	8,508	8,637
12	44	35,429	36,118	36,925	37,985	38,574	39,162
14	30	5,043	5,142	5,256	5,407	5,491	5,575
16	23	2,838	2,893	2,957	3,042	3,089	3,137
17	26	56,944	58,052	59,350	61,053	61,999	62,945
19	29	23,201	23,652	24,181	24,875	25,260	25,646

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **Bowdoin**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	69	12,180	12,417	12,695	13,059	13,261	13,464
7	47	38,054	38,794	39,661	40,799	41,431	42,064
8	45	16,272	16,589	16,960	17,447	17,717	17,987
9	47	11,911	12,143	12,414	12,771	12,969	13,167

Town name: **Bowdoinham**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	69	192,318	196,060	200,441	206,193	209,389	212,584
7	47	27,760	28,300	28,932	29,762	30,224	30,685
8	45	2,665	2,717	2,778	2,858	2,902	2,946
9	47	8,356	8,519	8,709	8,959	9,098	9,237

Town name: **Georgetown**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	47	14,256	14,533	14,858	15,284	15,521	15,758
9	47	7,836	7,988	8,167	8,401	8,531	8,662

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **Perkins Twp Swan Island**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
9	47	38	39	40	41	42	43

Town name: **Phippsburg**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	47	34,019	34,681	35,456	36,474	37,039	37,604
8	45	9,568	9,754	9,972	10,258	10,417	10,576
9	47	14,774	15,061	15,398	15,840	16,085	16,331

Town name: **Richmond**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	69	130,178	132,711	135,677	139,570	141,733	143,896
7	47	50,273	51,251	52,396	53,900	54,735	55,570
8	45	5,136	5,236	5,353	5,506	5,591	5,677
9	47	8,928	9,102	9,305	9,572	9,721	9,869

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **Topsham**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	69	143,446	146,237	149,505	153,795	156,179	158,562
2	45	88,501	90,223	92,239	94,886	96,357	97,827
7	47	26,667	27,186	27,793	28,591	29,034	29,477
8	45	14,497	14,779	15,109	15,543	15,784	16,025
9	47	11,264	11,483	11,740	12,077	12,264	12,451
14	30	57,414	58,531	59,839	61,556	62,510	63,464
16	23	19,267	19,642	20,081	20,657	20,978	21,298
17	26	28,852	29,414	30,071	30,934	31,413	31,893
19	29	20,221	20,614	21,075	21,680	22,016	22,352

Town name: **West Bath**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	45	62,613	63,832	65,258	67,131	68,171	69,212
7	47	23,557	24,016	24,552	25,257	25,648	26,040
8	45	11,142	11,359	11,612	11,946	12,131	12,316
9	47	14,468	14,749	15,079	15,511	15,752	15,992

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **Woolwich**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	45	121,975	124,348	127,127	130,775	132,802	134,828
7	47	1,179	1,202	1,229	1,264	1,283	1,303
8	45	31,086	31,690	32,399	33,328	33,845	34,361
9	47	12,258	12,497	12,776	13,143	13,346	13,550

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

27 Waldo County

Town name: **Islesboro**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	49	701	726	755	794	816	838
8	47	1,766	1,829	1,903	2,001	2,056	2,110
9	49	10,849	11,237	11,692	12,296	12,632	12,968

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Alfred**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	44	84,020	86,114	88,665	92,784	95,072	97,360
6	38	21,587	22,125	22,781	23,839	24,427	25,015
8	40	464	476	490	513	525	538
9	43	28,775	29,492	30,366	31,776	32,560	33,344

Town name: **Arundel**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	203,756	208,832	215,018	225,007	230,556	236,106
2	44	58,942	60,411	62,200	65,090	66,695	68,300
6	38	57,093	58,515	60,248	63,047	64,602	66,157
7	39	18,946	19,418	19,993	20,922	21,438	21,954
9	43	52,704	54,017	55,617	58,201	59,636	61,071

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Berwick**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	38	59,611	61,096	62,906	65,829	67,452	69,076
8	40	8,488	8,699	8,957	9,373	9,604	9,835
9	43	27,636	28,325	29,164	30,519	31,271	32,024
14	29	2,464	2,525	2,600	2,721	2,788	2,855
16	29	26,502	27,162	27,966	29,266	29,987	30,709
17	27	13,216	13,546	13,947	14,595	14,955	15,315
19	32	29,032	29,756	30,637	32,060	32,851	33,642

Town name: **Biddeford**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	161,526	165,550	170,454	178,373	182,772	187,171
2	44	33,822	34,665	35,691	37,349	38,271	39,192
6	38	43,906	45,000	46,333	48,485	49,681	50,877
7	39	16,371	16,779	17,276	18,079	18,525	18,971
8	40	30,926	31,697	32,636	34,152	34,994	35,836
9	43	24,160	24,762	25,496	26,680	27,338	27,996
16	29	56,026	56,635	57,670	59,298	60,316	61,941
17	27	106,897	112,129	114,455	119,672	122,216	126,646
19	32	28,661	29,008	30,114	32,166	33,042	34,398

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Buxton**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	44	38,923	39,893	41,074	42,983	44,043	45,103
7	39	34,038	34,886	35,920	37,588	38,515	39,442
8	40	77,153	79,075	81,418	85,200	87,301	89,402
9	43	40,928	41,948	43,191	45,197	46,312	47,426

Town name: **Dayton**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	39	49,066	50,288	51,778	54,183	55,519	56,856
8	40	2,412	2,472	2,545	2,663	2,729	2,795
9	43	11,125	11,402	11,740	12,285	12,588	12,891

Town name: **Eliot**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	39	0	0	0	0	0	0
8	40	1,840	1,886	1,942	2,032	2,082	2,132
9	43	3,062	3,138	3,231	3,381	3,464	3,548
16	29	88,320	90,520	93,202	97,531	99,937	102,342
17	27	36,271	37,175	38,276	40,054	41,042	42,030
19	32	14,383	14,741	15,178	15,883	16,274	16,666

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Hollis**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	44	40,310	41,314	42,538	44,514	45,612	46,710
7	39	62,565	64,123	66,023	69,090	70,794	72,498
8	40	21,764	22,306	22,967	24,034	24,627	25,219
9	43	24,925	25,546	26,303	27,525	28,204	28,883

Town name: **Kennebunk**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	234,674	240,521	247,645	259,150	265,541	271,933
6	38	41,183	42,209	43,459	45,478	46,600	47,721
7	39	125,899	129,035	132,858	139,030	142,458	145,887
8	40	45,241	46,368	47,742	49,960	51,192	52,424
9	43	45,729	46,868	48,257	50,499	51,744	52,990
19	32	0	0	0	0	0	0

Town name: **Kennebunkport**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
7	39	38,316	39,270	40,433	42,312	43,355	44,399
9	43	47,664	48,852	50,299	52,636	53,934	55,232

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Kittery**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	124,178	127,272	131,042	137,129	140,511	143,893
6	38	12,964	13,287	13,680	14,316	14,669	15,022
7	39	2,941	3,015	3,104	3,248	3,328	3,408
8	40	3,957	4,056	4,176	4,370	4,478	4,585
9	43	9,214	9,443	9,723	10,175	10,426	10,677
11	58	138,285	141,730	145,928	152,708	156,474	160,240
12	38	16,678	17,093	17,599	18,417	18,871	19,326
14	29	29,845	30,589	31,495	32,958	33,771	34,584
16	29	82,843	84,907	87,422	91,483	93,739	95,995
17	27	37,683	38,621	39,765	41,613	42,639	43,665
19	32	14,320	14,677	15,111	15,813	16,203	16,593

Town name: **Limington**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	38	40,510	41,519	42,749	44,735	45,838	46,942
7	39	30,067	30,816	31,728	33,202	34,021	34,840
8	40	3,700	3,792	3,904	4,085	4,186	4,287
9	43	16,751	17,169	17,677	18,498	18,955	19,411

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Lyman**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	44	78,313	80,264	82,641	86,480	88,613	90,746
7	39	21,396	21,929	22,579	23,628	24,210	24,793
8	40	23,357	23,939	24,648	25,793	26,429	27,066
9	43	23,366	23,948	24,658	25,803	26,440	27,076

Town name: **North Berwick**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	38	88,372	90,574	93,257	97,589	99,996	102,403
8	40	4,390	4,499	4,633	4,848	4,967	5,087
9	43	41,976	43,021	44,296	46,354	47,497	48,640

Town name: **Ogunquit**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	72,218	74,017	76,209	79,750	81,717	83,683
6	38	41,669	42,707	43,972	46,015	47,150	48,284
7	39	9,375	9,609	9,893	10,353	10,608	10,863
9	43	12,826	13,145	13,535	14,164	14,513	14,862

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Old Orchard Beach**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
12	38	759	755	791	797	797	826
17	27	82,667	86,264	89,872	93,711	96,266	100,759
19	32	27,331	29,235	30,740	34,703	36,749	37,749

Town name: **Saco**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	327,626	335,788	345,735	361,796	370,719	379,642
6	38	45,909	47,053	48,447	50,697	51,948	53,198
7	39	57,467	58,899	60,643	63,461	65,026	66,591
8	40	3,883	3,979	4,097	4,288	4,393	4,499
9	43	32,427	33,235	34,219	35,809	36,692	37,575
11	58	160,595	165,105	172,590	185,440	192,930	198,853
12	38	11,300	11,267	11,832	11,923	11,970	12,410
16	29	61,964	63,518	66,178	70,250	72,781	74,831
17	27	122,176	125,880	128,920	136,787	140,553	145,074
19	32	30,961	32,403	33,414	35,650	36,325	37,755

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Sanford**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
2	44	33,622	34,459	35,480	37,128	38,044	38,960
6	38	57,194	58,619	60,355	63,159	64,717	66,274
7	39	26,038	26,686	27,477	28,753	29,462	30,172
8	40	11,781	12,074	12,432	13,009	13,330	13,651
9	43	41,051	42,074	43,320	45,333	46,451	47,569
14	29	129,532	132,759	136,692	143,042	146,570	150,098
16	29	45,545	46,679	48,062	50,295	51,535	52,776
17	27	76,532	78,438	80,762	84,514	86,598	88,682
19	32	46,139	47,289	48,689	50,951	52,208	53,465

Town name: **South Berwick**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
6	38	24,683	25,298	26,047	27,258	27,930	28,602
7	39	9,153	9,381	9,659	10,108	10,357	10,607
9	43	19,955	20,452	21,058	22,036	22,579	23,123
16	29	60,585	62,095	63,934	66,904	68,554	70,204
17	27	6,029	6,179	6,362	6,657	6,822	6,986
19	32	26,147	26,799	27,592	28,874	29,586	30,299

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Wells**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	450,227	461,444	475,113	497,184	509,446	521,708
2	44	53,363	54,692	56,312	58,928	60,382	61,835
6	38	183,615	188,190	193,764	202,766	207,767	212,768
7	39	14,420	14,779	15,217	15,924	16,316	16,709
8	40	26,185	26,838	27,633	28,916	29,630	30,343
9	43	74,763	76,626	78,896	82,561	84,597	86,634

Town name: **York**

Functional Class	Average Speed	2009 Summer Daily VMT	2012 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT	2035 Summer Daily VMT
1	65	510,303	523,016	538,509	563,526	577,424	591,322
6	38	157,180	161,096	165,868	173,574	177,854	182,135
7	39	106,220	108,866	112,091	117,298	120,191	123,084
8	40	39,544	40,529	41,730	43,668	44,745	45,822
9	43	82,029	84,072	86,563	90,584	92,818	95,052

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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IDLING EMISSION FACTORS

Idling Emission Factors

Prepared using EPA's method of multiplying 2.5 speed emission factors by 2.5.

2012	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	4.268	1.713	X 2.50 =	10.669	4.282
Cumberland	3.705	1.502	X 2.50 =	9.263	3.754
Hancock	5.178	1.721	X 2.50 =	12.945	4.302
Knox	4.268	1.713	X 2.50 =	10.669	4.282
Lincoln	4.268	1.713	X 2.50 =	10.669	4.282
Sagadahoc	4.268	1.713	X 2.50 =	10.669	4.282
Waldo	5.178	1.721	X 2.50 =	12.945	4.302
York	4.268	1.713	X 2.50 =	10.669	4.282

2016	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	3.313	1.141	X 2.50 =	8.283	2.852
Cumberland	2.715	0.906	X 2.50 =	6.788	2.265
Hancock	3.998	1.147	X 2.50 =	9.996	2.867
Knox	3.313	1.141	X 2.50 =	8.283	2.852
Lincoln	3.313	1.141	X 2.50 =	8.283	2.852
Sagadahoc	3.313	1.141	X 2.50 =	8.283	2.852
Waldo	3.998	1.147	X 2.50 =	9.996	2.867
York	3.313	1.141	X 2.50 =	8.283	2.852

2025	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	2.602	0.681	X 2.50 =	6.504	1.702
Cumberland	1.953	0.426	X 2.50 =	4.881	1.066
Hancock	3.112	0.686	X 2.50 =	7.780	1.714
Knox	2.602	0.681	X 2.50 =	6.504	1.702
Lincoln	2.602	0.681	X 2.50 =	6.504	1.702
Sagadahoc	2.602	0.681	X 2.50 =	6.504	1.702
Waldo	3.112	0.686	X 2.50 =	7.780	1.714
York	2.602	0.681	X 2.50 =	6.504	1.702

2030	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	2.564	0.598	X 2.50 =	6.410	1.495
Cumberland	1.923	0.345	X 2.50 =	4.807	0.862
Hancock	3.072	0.603	X 2.50 =	7.680	1.508
Knox	2.564	0.598	X 2.50 =	6.410	1.495
Lincoln	2.564	0.598	X 2.50 =	6.410	1.495
Sagadahoc	2.564	0.598	X 2.50 =	6.410	1.495
Waldo	3.072	0.603	X 2.50 =	7.680	1.508
York	2.564	0.598	X 2.50 =	6.410	1.495

Idling Emission Factors

Prepared using EPA's method of multiplying 2.5 speed emission factors by 2.5.

2035	County Name	2.5 mph Emission Factors VOC	NOX	Adjustment	Idle Factors VOC	NOX
	Androscoggin	2.556	0.574	X 2.50 =	6.391	1.435
	Cumberland	1.917	0.321	X 2.50 =	4.793	0.802
	Hancock	3.064	0.579	X 2.50 =	7.660	1.448
	Knox	2.556	0.574	X 2.50 =	6.391	1.435
	Lincoln	2.556	0.574	X 2.50 =	6.391	1.435
	Sagadahoc	2.556	0.574	X 2.50 =	6.391	1.435
	Waldo	3.064	0.579	X 2.50 =	7.660	1.448
	York	2.556	0.574	X 2.50 =	6.391	1.435

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MOBILE6.2 EMISSION FACTORS BY COUNTY AND YEAR

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	60.7	1		0.494				0.571		0.571
	58	11		0.495						0.574
	50	6				0.586				
	49	7							0.638	
	49	9							0.638	
	48	9					0.591			
	47	6					0.594			
	47	9			0.644	0.594		0.594		
	47	7						0.594		
	47	2					0.597			
	47	8							0.644	
	46	12		0.513						
	46	8	0.597							
	46	9	0.597							
	45	8						0.600		
	45	7	0.600				0.600			
	45	2						0.602		
	45	6	0.600							
	44	2								0.605
	44	7				0.602				
	44	8			0.654	0.602	0.602			
	44	9		0.515						
	44	12						0.605		
	43	6			0.657					
	43	9								0.605
	42	2				0.611				
	42	7		0.520	0.661					
	41	8		0.522						
	41	6		0.522						
	40	8								0.615
	39	2		0.530						
	39	7								0.618
	38	6								0.621
	38	12								0.625
	32	19								0.650

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	31	19		0.559						
	30	14						0.663		
	29	14								0.669
	29	16								0.669
	29	19				0.669		0.669		
	27	14		0.582						
	27	17		0.582						0.684
	26	17						0.692		
	26	16		0.589		0.692				
	25	17				0.701				
	24	14				0.711				
	23	16						0.722		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	60.7	1		0.369				0.451		0.451
	58	11		0.369						0.453
	50	6				0.462				
	49	7							0.500	
	49	9							0.500	
	48	9					0.466			
	47	9			0.505	0.469		0.469		
	47	2					0.471			
	47	6					0.469			
	47	7						0.469		
	47	8							0.505	
	46	12		0.380						
	46	9	0.471							
	46	8	0.471							
	45	2						0.475		
	45	6	0.473							
	45	7	0.473				0.473			
	45	8						0.473		
	44	2								0.478
	44	7				0.475				
	44	8			0.513	0.475	0.475			
	44	9		0.382						
	44	12						0.478		
	43	6			0.516					
	43	9								0.478
	42	2				0.482				
	42	7		0.385	0.518					
	41	8		0.387						
	41	6		0.387						
	40	8								0.485
	39	2		0.393						
	39	7								0.488
	38	6								0.491
	38	12								0.493
	32	19								0.513

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	31	19		0.414						
	30	14						0.524		
	29	14								0.529
	29	16								0.529
	29	19				0.529		0.529		
	27	14		0.432						
	27	17		0.432						0.541
	26	17						0.547		
	26	16		0.438		0.547				
	25	17				0.554				
	24	14				0.562				
	23	16						0.571		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	60.7	1		0.221				0.312		0.312
	58	11		0.221						0.314
	50	6				0.320				
	49	7							0.345	
	49	9							0.345	
	48	9					0.324			
	47	6					0.325			
	47	9			0.349	0.325		0.325		
	47	7						0.325		
	47	2					0.327			
	47	8							0.349	
	46	8	0.327							
	46	9	0.327							
	46	12		0.228						
	45	2						0.331		
	45	6	0.329							
	45	7	0.329				0.329			
	45	8						0.329		
	44	12						0.333		
	44	2								0.333
	44	7				0.331				
	44	8			0.355	0.331	0.331			
	44	9		0.229						
	43	6			0.357					
	43	9								0.333
	42	2				0.337				
	42	7		0.232	0.360					
	41	6		0.233						
	41	8		0.233						
	40	8								0.339
	39	2		0.238						
	39	7								0.341
	38	6								0.344
	38	12								0.345
	32	19								0.362

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	31	19		0.255						
	30	14						0.371		
	29	19				0.375		0.375		
	29	14								0.375
	29	16								0.375
	27	14		0.268						
	27	17		0.268						0.385
	26	16		0.272		0.390				
	26	17						0.390		
	25	17				0.396				
	24	14				0.402				
	23	16						0.409		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	60.7	1		0.211				0.301		0.301
	58	11		0.211						0.302
	50	6				0.309				
	49	9							0.333	
	49	7							0.333	
	48	9					0.312			
	47	6					0.314			
	47	7						0.314		
	47	8							0.336	
	47	9			0.336	0.314		0.314		
	47	2					0.315			
	46	8	0.316							
	46	9	0.316							
	46	12		0.217						
	45	2						0.319		
	45	6	0.317							
	45	7	0.317				0.317			
	45	8						0.317		
	44	7				0.319				
	44	12						0.321		
	44	8			0.343	0.319	0.319			
	44	2								0.321
	44	9		0.219						
	43	6			0.345					
	43	9								0.321
	42	2				0.325				
	42	7		0.222	0.347					
	41	6		0.223						
	41	8		0.223						
	40	8								0.327
	39	2		0.227						
	39	7								0.329
	38	6								0.332
	38	12								0.333
	32	19								0.350

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	31	19		0.244						
	30	14						0.358		
	29	14								0.362
	29	16								0.362
	29	19				0.362		0.362		
	27	14		0.257						
	27	17		0.257						0.372
	26	16		0.261		0.377				
	26	17						0.377		
	25	17				0.382				
	24	14				0.389				
	23	16						0.396		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	60.7	1		0.209				0.298		0.298
	58	11		0.209						0.300
	50	6				0.307				
	49	9							0.330	
	49	7							0.330	
	48	9					0.310			
	47	2					0.313			
	47	6					0.311			
	47	7						0.311		
	47	8							0.334	
	47	9			0.334	0.311		0.311		
	46	8	0.313							
	46	9	0.313							
	46	12		0.216						
	45	7	0.315				0.315			
	45	8						0.315		
	45	2						0.317		
	45	6	0.315							
	44	2								0.319
	44	7				0.317				
	44	8			0.340	0.317	0.317			
	44	9		0.217						
	44	12						0.319		
	43	6			0.343					
	43	9								0.319
	42	2				0.322				
	42	7		0.220	0.345					
	41	6		0.221						
	41	8		0.221						
	40	8								0.325
	39	2		0.225						
	39	7								0.327
	38	6								0.329
	38	12								0.331
	32	19								0.347

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	31	19		0.242						
	30	14						0.356		
	29	16								0.360
	29	19				0.360		0.360		
	29	14								0.360
	27	17		0.255						0.369
	27	14		0.255						
	26	16		0.259		0.374				
	26	17						0.374		
	25	17				0.380				
	24	14				0.386				
	23	16						0.393		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	60.7	1		1.194				1.309		1.309
	58	11		1.114						1.228
	50	6				0.999				
	49	7							0.994	
	49	9							0.994	
	48	9					0.982			
	47	6					0.972			
	47	9			0.976	0.972		0.972		
	47	7						0.972		
	47	2					1.022			
	47	8							0.976	
	46	12		0.900						
	46	8	0.962							
	46	9	0.962							
	45	8						0.952		
	45	7	0.952				0.952			
	45	2						1.002		
	45	6	0.952							
	44	2								0.991
	44	7				0.946				
	44	8			0.950	0.946	0.946			
	44	9		0.835						
	44	12						0.991		
	43	6			0.944					
	43	9								0.940
	42	2				0.978				
	42	7		0.823	0.937					
	41	8		0.816						
	41	6		0.816						
	40	8								0.920
	39	2		0.848						
	39	7								0.917
	38	6								0.914
	38	12								0.956
	32	19								0.909

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	31	19		0.800						
	30	14						0.914		
	29	14								0.920
	29	16								0.920
	29	19				0.920		0.920		
	27	14		0.818						
	27	17		0.818						0.932
	26	17						0.940		
	26	16		0.824		0.940				
	25	17				0.947				
	24	14				0.957				
	23	16						0.967		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	60.7	1		0.711				0.838		0.838
	58	11		0.665						0.792
	50	6				0.656				
	49	7							0.654	
	49	9							0.654	
	48	9					0.646			
	47	9			0.643	0.640		0.640		
	47	2					0.673			
	47	6					0.640			
	47	7						0.640		
	47	8							0.643	
	46	12		0.543						
	46	9	0.634							
	46	8	0.634							
	45	2						0.661		
	45	6	0.628							
	45	7	0.628				0.628			
	45	8						0.628		
	44	2								0.655
	44	7				0.625				
	44	8			0.627	0.625	0.625			
	44	9		0.503						
	44	12						0.655		
	43	6			0.624					
	43	9								0.621
	42	2				0.647				
	42	7		0.496	0.620					
	41	8		0.492						
	41	6		0.492						
	40	8								0.609
	39	2		0.513						
	39	7								0.608
	38	6								0.606
	38	12								0.634
	32	19								0.604

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	31	19		0.483						
	30	14						0.607		
	29	14								0.610
	29	16								0.610
	29	19				0.610		0.610		
	27	14		0.494						
	27	17		0.494						0.619
	26	17						0.624		
	26	16		0.497		0.624				
	25	17				0.629				
	24	14				0.635				
	23	16						0.641		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	60.7	1		0.298				0.438		0.438
	58	11		0.281						0.420
	50	6				0.370				
	49	7							0.370	
	49	9							0.370	
	48	9					0.365			
	47	6					0.363			
	47	9			0.365	0.363		0.363		
	47	7						0.363		
	47	2					0.371			
	47	8							0.365	
	46	8	0.360							
	46	9	0.360							
	46	12		0.234						
	45	2						0.366		
	45	6	0.357							
	45	7	0.357				0.357			
	45	8						0.357		
	44	12						0.363		
	44	2								0.363
	44	7				0.356				
	44	8			0.358	0.356	0.356			
	44	9		0.223						
	43	6			0.356					
	43	9								0.354
	42	2				0.359				
	42	7		0.220	0.354					
	41	6		0.219						
	41	8		0.219						
	40	8								0.348
	39	2		0.221						
	39	7								0.347
	38	6								0.347
	38	12								0.353
	32	19								0.346

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	31	19		0.215						
	30	14						0.348		
	29	19				0.351		0.351		
	29	14								0.351
	29	16								0.351
	27	14		0.221						
	27	17		0.221						0.356
	26	16		0.223		0.359				
	26	17						0.359		
	25	17				0.363				
	24	14				0.366				
	23	16						0.371		

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	60.7	1		0.225				0.364		0.364
	58	11		0.214						0.352
	50	6				0.316				
	49	9							0.317	
	49	7							0.317	
	48	9					0.313			
	47	6					0.311			
	47	7						0.311		
	47	8							0.313	
	47	9			0.313	0.311		0.311		
	47	2					0.316			
	46	8	0.309							
	46	9	0.309							
	46	12		0.180						
	45	2						0.312		
	45	6	0.307							
	45	7	0.307				0.307			
	45	8						0.307		
	44	7				0.306				
	44	12						0.310		
	44	8			0.308	0.306	0.306			
	44	2								0.310
	44	9		0.173						
	43	6			0.307					
	43	9								0.305
	42	2				0.307				
	42	7		0.171	0.305					
	41	6		0.170						
	41	8		0.170						
	40	8								0.300
	39	2		0.170						
	39	7								0.299
	38	6								0.298
	38	12								0.302
	32	19								0.299

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	31	19		0.168						
	30	14						0.301		
	29	14								0.303
	29	16								0.303
	29	19				0.303		0.303		
	27	14		0.172						
	27	17		0.172						0.308
	26	16		0.174		0.310				
	26	17						0.310		
	25	17				0.313				
	24	14				0.316				
	23	16						0.320		

HPMS Federal Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	60.7	1		0.204				0.342		0.342
	58	11		0.194						0.332
	50	6				0.302				
	49	9							0.302	
	49	7							0.302	
	48	9					0.298			
	47	2					0.302			
	47	6					0.297			
	47	7						0.297		
	47	8							0.299	
	47	9			0.299	0.297		0.297		
	46	8	0.295							
	46	9	0.295							
	46	12		0.166						
	45	7	0.293				0.293			
	45	8						0.293		
	45	2						0.298		
	45	6	0.293							
	44	2								0.296
	44	7				0.292				
	44	8			0.294	0.292	0.292			
	44	9		0.160						
	44	12						0.296		
	43	6			0.293					
	43	9								0.291
	42	2				0.294				
	42	7		0.158	0.292					
	41	6		0.157						
	41	8		0.157						
	40	8								0.287
	39	2		0.157						
	39	7								0.286
	38	6								0.286
	38	12								0.289
	32	19								0.286

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	31	19		0.155						
	30	14						0.288		
	29	16								0.290
	29	19				0.290		0.290		
	29	14								0.290
	27	17		0.160						0.295
	27	14		0.160						
	26	16		0.161		0.297				
	26	17						0.297		
	25	17				0.300				
	24	14				0.303				
	23	16						0.306		

HPMS Federal Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

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EMISSIONS BY TOWN AND YEAR

2012 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	286	0.600	0.171	0.952	0.272
7	45	59,084	0.600	35.462	0.952	56.218
8	46	17,303	0.597	10.333	0.962	16.638
9	46	22,687	0.597	13.549	0.962	21.816
			Total for Durham:	**59.515**		**94.944**
		Total for Androscoggin County:		**59.515 kg**		**94.944 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	159,394	0.494	78.788	1.194	190.268
7	42	37,910	0.520	19.717	0.823	31.215
9	44	57,467	0.515	29.601	0.835	48.008
12	46	221,745	0.513	113.778	0.900	199.460
14	27	55,854	0.582	32.513	0.818	45.711
16	26	62,736	0.589	36.958	0.824	51.719
17	27	139,587	0.582	81.254	0.818	114.238
19	31	42,557	0.559	23.790	0.800	34.059
			Total for Brunswick:	**416.397**		**714.678**

Cape Elizabeth

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	67,575	0.582	39.335	0.818	55.303
19	31	25,855	0.559	14.453	0.800	20.692
			Total for Cape Elizabeth:	**53.789**		**75.995**

Casco

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	63,971	0.530	33.911	0.848	54.267
6	41	33,305	0.522	17.388	0.816	27.190
8	41	20,547	0.522	10.727	0.816	16.774
9	44	19,984	0.515	10.294	0.835	16.694
			Total for Casco:	**72.321**		**114.926**

Cumberland

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	159,501	0.494	78.841	1.194	190.397
6	41	18,340	0.522	9.575	0.816	14.973
7	42	21,295	0.520	11.075	0.823	17.534
8	41	13,689	0.522	7.147	0.816	11.176
9	44	17,141	0.515	8.829	0.835	14.319
11	58	61,654	0.495	30.537	1.114	68.658
17	27	53,820	0.582	31.329	0.818	44.047
19	31	13,203	0.559	7.381	0.800	10.567
			Total for Cumberland:	**184.715**		**371.670**

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2012 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	242,206	0.494	119.722	1.194	289.121
6	41	25,551	0.522	13.340	0.816	20.860
7	42	61,372	0.520	31.920	0.823	50.534
8	41	12,918	0.522	6.744	0.816	10.546
9	44	26,649	0.515	13.727	0.835	22.263
11	58	199,634	0.495	98.879	1.114	222.313
14	27	9,084	0.582	5.288	0.818	7.435
16	26	25,656	0.589	15.114	0.824	21.151
17	27	124,889	0.582	72.698	0.818	102.209
19	31	11,327	0.559	6.332	0.800	9.065
			Total for Falmouth:	**383.764**		**755.497**

Freeport

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	294,513	0.494	145.578	1.194	351.561
7	42	38,639	0.520	20.096	0.823	31.815
8	41	27,034	0.522	14.114	0.816	22.070
9	44	32,850	0.515	16.921	0.835	27.443
11	58	75,222	0.495	37.258	1.114	83.768
17	27	83,942	0.582	48.863	0.818	68.698
19	31	13,316	0.559	7.444	0.800	10.657
			Total for Freeport:	**290.274**		**596.013**

Frye Island

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.515	0.000	0.835	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	7,949	0.530	4.214	0.848	6.743
6	41	76,997	0.522	40.200	0.816	62.861
7	42	67,242	0.520	34.972	0.823	55.367
8	41	4,381	0.522	2.287	0.816	3.576
9	44	45,141	0.515	23.252	0.835	37.711
14	27	60,476	0.582	35.203	0.818	49.494
16	26	101,527	0.589	59.809	0.824	83.699
17	27	78,056	0.582	45.437	0.818	63.881
19	31	24,471	0.559	13.679	0.800	19.584
			Total for Gorham:	**259.054**		**382.916**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	232,249	0.494	114.801	1.194	277.236
2	39	65,319	0.530	34.625	0.848	55.410
6	41	134,235	0.522	70.084	0.816	109.590
7	42	27,306	0.520	14.202	0.823	22.484
8	41	14,047	0.522	7.334	0.816	11.468
9	44	44,718	0.515	23.034	0.835	37.357
			Total for Gray:	**264.080**		**513.544**

Harpswell

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	85,161	0.520	44.292	0.823	70.122
8	41	11,155	0.522	5.824	0.816	9.107
9	44	8,592	0.515	4.426	0.835	7.178
			Total for Harpswell:	**54.542**		**86.406**

Long Island

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.515	0.000	0.835	0.000
19	31	180	0.559	0.100	0.800	0.144
			Total for Long Island:	**0.100**		**0.144**

New Gloucester

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	156,205	0.494	77.212	1.194	186.462
2	39	24,711	0.530	13.099	0.848	20.962
6	41	71,048	0.522	37.094	0.816	58.003
7	42	25,940	0.520	13.492	0.823	21.359
8	41	2,735	0.522	1.428	0.816	2.233
9	44	44,135	0.515	22.734	0.835	36.870
			Total for New Gloucester:	**165.059**		**325.891**

North Yarmouth

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	36,468	0.520	18.967	0.823	30.028
8	41	8,671	0.522	4.527	0.816	7.079
9	44	13,953	0.515	7.187	0.835	11.657
17	27	13,736	0.582	7.996	0.818	11.241
19	31	1,667	0.559	0.932	0.800	1.334
			Total for North Yarmouth:	**39.609**		**61.338**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Portland

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	591,024	0.495	292.734	1.114	658.164
12	46	34,052	0.513	17.472	0.900	30.630
14	27	475,966	0.582	277.060	0.818	389.530
16	26	178,751	0.589	105.302	0.824	147.362
17	27	182,172	0.582	106.042	0.818	149.090
19	31	108,772	0.559	60.804	0.800	87.051
			Total for Portland:	**859.414**		**1,461.827**

Pownal

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	23,687	0.520	12.320	0.823	19.504
9	44	16,544	0.515	8.522	0.835	13.821
			Total for Pownal:	**20.842**		**33.325**

Raymond

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	70,284	0.530	37.258	0.848	59.622
8	41	56,398	0.522	29.445	0.816	46.043
9	44	33,595	0.515	17.305	0.835	28.065
			Total for Raymond:	**84.008**		**133.731**

Scarborough

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	383,616	0.494	189.622	1.194	457.923
7	42	12,082	0.520	6.284	0.823	9.949
8	41	51,387	0.522	26.829	0.816	41.952
9	44	35,889	0.515	18.486	0.835	29.981
11	58	60,809	0.495	30.119	1.114	67.717
12	46	23,423	0.513	12.018	0.900	21.069
16	26	280,554	0.589	165.274	0.824	231.289
17	27	207,086	0.582	120.545	0.818	169.479
19	31	49,159	0.559	27.480	0.800	39.342
			Total for Scarborough:	**596.657**		**1,068.701**

South Portland

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	237,635	0.495	117.701	1.114	264.631
12	46	79,816	0.513	40.953	0.900	71.794
14	27	39,181	0.582	22.807	0.818	32.066
16	26	199,388	0.589	117.459	0.824	164.375
17	27	120,234	0.582	69.988	0.818	98.399
19	31	71,698	0.559	40.079	0.800	57.380
			Total for South Portland:	**408.988**		**688.646**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Standish

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	41	76,556	0.522	39.970	0.816	62.501
7	42	197,370	0.520	102.652	0.823	162.514
9	44	53,681	0.515	27.651	0.835	44.845
			Total for Standish:	**170.273**		**269.860**

Westbrook

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	217	0.515	0.112	0.835	0.182
12	46	27,065	0.513	13.887	0.900	24.345
14	27	104,649	0.582	60.916	0.818	85.645
16	26	127,559	0.589	75.145	0.824	105.159
17	27	103,020	0.582	59.968	0.818	84.311
19	31	42,416	0.559	23.711	0.800	33.946
19	31	492	0.559	0.275	0.800	0.393
			Total for Westbrook:	**234.013**		**333.981**

Windham

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	170,177	0.530	90.211	0.848	144.361
6	41	82,392	0.522	43.017	0.816	67.265
7	42	53,845	0.520	28.005	0.823	44.336
8	41	30,712	0.522	16.034	0.816	25.073
9	44	52,295	0.515	26.937	0.835	43.688
14	27	38,246	0.582	22.263	0.818	31.300
16	26	9,598	0.589	5.654	0.824	7.913
17	27	46,287	0.582	26.943	0.818	37.881
19	31	10,423	0.559	5.827	0.800	8.342
			Total for Windham:	**264.891**		**410.157**

Yarmouth

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	2,965	0.515	1.527	0.835	2.477
11	58	137,207	0.495	67.959	1.114	152.794
17	27	98,546	0.582	57.363	0.818	80.650
19	31	36,771	0.559	20.555	0.800	29.428
			Total for Yarmouth:	**147.405**		**265.349**
			Total for Cumberland County:	**4,970.196 kg**		**8,664.592 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	18,183	0.594	10.804	0.972	17.667
9	47	1,729	0.594	1.027	0.972	1.680
			Total for Arrowsic:	**11.832**		**19.346**

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Bath

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	792	0.594	0.471	0.972	0.769
8	45	2,470	0.600	1.483	0.952	2.350
9	47	7,966	0.594	4.733	0.972	7.740
12	44	36,118	0.605	21.862	0.991	35.775
14	30	5,142	0.663	3.409	0.914	4.697
16	23	2,893	0.722	2.089	0.967	2.796
17	26	58,052	0.692	40.184	0.940	54.540
19	29	23,652	0.669	15.828	0.920	21.748
			Total for Bath:	**90.060**		**130.416**

Bowdoin

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	12,417	0.571	7.094	1.309	16.251
7	47	38,794	0.594	23.051	0.972	37.692
8	45	16,589	0.600	9.957	0.952	15.785
9	47	12,143	0.594	7.215	0.972	11.798
			Total for Bowdoin:	**47.318**		**81.526**

Bowdoinham

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	196,060	0.571	112.009	1.309	256.584
7	47	28,300	0.594	16.816	0.972	27.496
8	45	2,717	0.600	1.631	0.952	2.586
9	47	8,519	0.594	5.062	0.972	8.277
			Total for Bowdoinham:	**135.518**		**294.942**

Georgetown

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	14,533	0.594	8.636	0.972	14.120
9	47	7,988	0.594	4.747	0.972	7.761
			Total for Georgetown:	**13.382**		**21.882**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	39	0.594	0.023	0.972	0.038
			Total for Perkins Twp Swan Island:	**0.023**		**0.038**

Phippsburg

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	34,681	0.594	20.608	0.972	33.696
8	45	9,754	0.600	5.854	0.952	9.281
9	47	15,061	0.594	8.949	0.972	14.634
			Total for Phippsburg:	**35.411**		**57.611**

2012 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Richmond

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	132,711	0.571	75.818	1.309	173.679
7	47	51,251	0.594	30.453	0.972	49.795
8	45	5,236	0.600	3.142	0.952	4.982
9	47	9,102	0.594	5.408	0.972	8.843
			Total for Richmond:	**114.822**		**237.300**

Topsham

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	146,237	0.571	83.545	1.309	191.381
2	45	90,223	0.602	54.341	1.002	90.358
7	47	27,186	0.594	16.154	0.972	26.414
8	45	14,779	0.600	8.870	0.952	14.062
9	47	11,483	0.594	6.823	0.972	11.157
14	30	58,531	0.663	38.812	0.914	53.468
16	23	19,642	0.722	14.186	0.967	18.984
17	26	29,414	0.692	20.360	0.940	27.634
19	29	20,614	0.669	13.795	0.920	18.955
			Total for Topsham:	**256.887**		**452.413**

West Bath

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	63,832	0.602	38.446	1.002	63.928
7	47	24,016	0.594	14.270	0.972	23.334
8	45	11,359	0.600	6.817	0.952	10.808
9	47	14,749	0.594	8.764	0.972	14.330
			Total for West Bath:	**68.297**		**112.399**

Woolwich

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	124,348	0.602	74.895	1.002	124.535
7	47	1,202	0.594	0.714	0.972	1.168
8	45	31,690	0.600	19.021	0.952	30.153
9	47	12,497	0.594	7.426	0.972	12.142
			Total for Woolwich:	**102.055**		**167.998**
		Total for Sagadahoc County:		**875.605 kg**		**1,575.870 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	86,114	0.605	52.125	0.991	85.296
6	38	22,125	0.621	13.744	0.914	20.231
8	40	476	0.615	0.293	0.920	0.438
9	43	29,492	0.605	17.849	0.940	27.708
			Total for Alfred:	**84.010**		**133.673**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

31 York County

Arundel

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	208,832	0.571	119.306	1.309	273.299
2	44	60,411	0.605	36.567	0.991	59.837
6	38	58,515	0.621	36.350	0.914	53.506
7	39	19,418	0.618	12.004	0.917	17.814
9	43	54,017	0.605	32.691	0.940	50.749
			Total for Arundel:	**236.917**		**455.204**

Berwick

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	61,096	0.621	37.953	0.914	55.867
8	40	8,699	0.615	5.351	0.920	8.007
9	43	28,325	0.605	17.142	0.940	26.611
14	29	2,525	0.669	1.690	0.920	2.322
16	29	27,162	0.669	18.177	0.920	24.975
17	27	13,546	0.684	9.268	0.932	12.630
19	32	29,756	0.650	19.344	0.909	27.060
			Total for Berwick:	**108.925**		**157.471**

Biddeford

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	165,550	0.571	94.579	1.309	216.656
2	44	34,665	0.605	20.982	0.991	34.335
6	38	45,000	0.621	27.954	0.914	41.148
7	39	16,779	0.618	10.373	0.917	15.393
8	40	31,697	0.615	19.497	0.920	29.174
9	43	24,762	0.605	14.986	0.940	23.264
16	29	56,635	0.669	37.900	0.920	52.076
17	27	112,129	0.684	76.719	0.932	104.549
19	32	29,008	0.650	18.858	0.909	26.380
			Total for Biddeford:	**321.848**		**542.975**

Buxton

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	39,893	0.605	24.147	0.991	39.514
7	39	34,886	0.618	21.567	0.917	32.005
8	40	79,075	0.615	48.639	0.920	72.781
9	43	41,948	0.605	25.387	0.940	39.410
			Total for Buxton:	**119.740**		**183.709**

Dayton

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	50,288	0.618	31.088	0.917	46.134
8	40	2,472	0.615	1.520	0.920	2.275
9	43	11,402	0.605	6.901	0.940	10.712
			Total for Dayton:	**39.509**		**59.122**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

31 York County

Eliot

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	0	0.618	0.000	0.917	0.000
8	40	1,886	0.615	1.160	0.920	1.736
9	43	3,138	0.605	1.899	0.940	2.948
16	29	90,520	0.669	60.576	0.920	83.233
17	27	37,175	0.684	25.435	0.932	34.662
19	32	14,741	0.650	9.583	0.909	13.405
			Total for Eliot:	**98.653**		**135.984**

Hollis

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	41,314	0.605	25.008	0.991	40.922
7	39	64,123	0.618	39.641	0.917	58.827
8	40	22,306	0.615	13.721	0.920	20.531
9	43	25,546	0.605	15.461	0.940	24.001
			Total for Hollis:	**93.830**		**144.280**

Kennebunk

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	240,521	0.571	137.409	1.309	314.769
6	38	42,209	0.621	26.220	0.914	38.596
7	39	129,035	0.618	79.770	0.917	118.377
8	40	46,368	0.615	28.521	0.920	42.677
9	43	46,868	0.605	28.365	0.940	44.033
19	32	0	0.650	0.000	0.909	0.000
			Total for Kennebunk:	**300.285**		**558.452**

Kennebunkport

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	39,270	0.618	24.277	0.917	36.026
9	43	48,852	0.605	29.565	0.940	45.896
			Total for Kennebunkport:	**53.842**		**81.923**

Kittery

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	127,272	0.571	72.710	1.309	166.560
6	38	13,287	0.621	8.254	0.914	12.149
7	39	3,015	0.618	1.864	0.917	2.766
8	40	4,056	0.615	2.495	0.920	3.733
9	43	9,443	0.605	5.715	0.940	8.872
11	58	141,730	0.574	81.396	1.228	174.002
12	38	17,093	0.625	10.685	0.956	16.348
14	29	30,589	0.669	20.470	0.920	28.126
16	29	84,907	0.669	56.819	0.920	78.072
17	27	38,621	0.684	26.425	0.932	36.011
19	32	14,677	0.650	9.541	0.909	13.347
			Total for Kittery:	**296.373**		**539.985**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

31 York County

Limington

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	41,519	0.621	25.792	0.914	37.965
7	39	30,816	0.618	19.050	0.917	28.270
8	40	3,792	0.615	2.332	0.920	3.490
9	43	17,169	0.605	10.390	0.940	16.130
			Total for Limington:	**57.565**		**85.855**

Lyman

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	80,264	0.605	48.584	0.991	79.501
7	39	21,929	0.618	13.557	0.917	20.118
8	40	23,939	0.615	14.725	0.920	22.034
9	43	23,948	0.605	14.494	0.940	22.500
			Total for Lyman:	**91.359**		**144.152**

North Berwick

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	90,574	0.621	56.264	0.914	82.820
8	40	4,499	0.615	2.768	0.920	4.141
9	43	43,021	0.605	26.037	0.940	40.419
			Total for North Berwick:	**85.068**		**127.380**

Ogunquit

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	74,017	0.571	42.286	1.309	96.866
6	38	42,707	0.621	26.529	0.914	39.051
7	39	9,609	0.618	5.940	0.917	8.815
9	43	13,145	0.605	7.956	0.940	12.350
			Total for Ogunquit:	**82.711**		**157.082**

Old Orchard Beach

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	755	0.625	0.472	0.956	0.722
17	27	86,264	0.684	59.022	0.932	80.433
19	32	29,235	0.650	19.006	0.909	26.586
			Total for Old Orchard Beach:	**78.500**		**107.741**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2012 Portland, Maine Ozone Maintenance Area

31 York County

Saco

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	335,788	0.571	191.836	1.309	439.446
6	38	47,053	0.621	29.229	0.914	43.025
7	39	58,899	0.618	36.411	0.917	54.034
8	40	3,979	0.615	2.448	0.920	3.663
9	43	33,235	0.605	20.114	0.940	31.224
11	58	165,105	0.574	94.820	1.228	202.700
12	38	11,267	0.625	7.043	0.956	10.775
16	29	63,518	0.669	42.506	0.920	58.405
17	27	125,880	0.684	86.127	0.932	117.371
19	32	32,403	0.650	21.065	0.909	29.468
			Total for Saco:	**531.599**		**990.109**

Sanford

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	34,459	0.605	20.858	0.991	34.132
6	38	58,619	0.621	36.414	0.914	53.601
7	39	26,686	0.618	16.497	0.917	24.482
8	40	12,074	0.615	7.427	0.920	11.113
9	43	42,074	0.605	25.463	0.940	39.529
14	29	132,759	0.669	88.842	0.920	122.072
16	29	46,679	0.669	31.238	0.920	42.922
17	27	78,438	0.684	53.667	0.932	73.136
19	32	47,289	0.650	30.742	0.909	43.004
			Total for Sanford:	**311.150**		**443.990**

South Berwick

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	25,298	0.621	15.715	0.914	23.133
7	39	9,381	0.618	5.800	0.917	8.606
9	43	20,452	0.605	12.377	0.940	19.214
16	29	62,095	0.669	41.554	0.920	57.096
17	27	6,179	0.684	4.228	0.932	5.761
19	32	26,799	0.650	17.422	0.909	24.371
			Total for South Berwick:	**97.095**		**138.181**

Wells

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	461,444	0.571	263.623	1.309	603.891
2	44	54,692	0.605	33.105	0.991	54.173
6	38	188,190	0.621	116.904	0.914	172.081
7	39	14,779	0.618	9.136	0.917	13.558
8	40	26,838	0.615	16.508	0.920	24.702
9	43	76,626	0.605	46.374	0.940	71.990
			Total for Wells:	**485.650**		**940.395**

HPMS Functional Class Codes:
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2012 Portland, Maine Ozone Maintenance Area

31 York County

York

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	523,016	0.571	298.799	1.309	684.471
6	38	161,096	0.621	100.073	0.914	147.306
7	39	108,866	0.618	67.301	0.917	99.874
8	40	40,529	0.615	24.930	0.920	37.303
9	43	84,072	0.605	50.881	0.940	78.986
			Total for York:	**541.983**		**1,047.940**
			Total for York County:	**4,116.611 kg**		**7,175.605 kg**
		2012 Portland, Maine Ozone Maintenance Area:		**10,021.927 kg**		**17,511.012 kg**
				11.044 tons		**19.297 tons**

HPMS Functional Class Codes:
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2012 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	127,762	0.657	83.978	0.944	120.544
7	42	109,339	0.661	72.295	0.937	102.396
8	44	710	0.654	0.465	0.950	0.675
9	47	89,896	0.644	57.920	0.976	87.694
			Total for Bar Harbor:	**214.658**		**311.308**

Blue Hill

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	61,089	0.661	40.392	0.937	57.210
8	44	46,988	0.654	30.744	0.950	44.615
9	47	16,073	0.644	10.356	0.976	15.679
			Total for Blue Hill:	**81.492**		**117.504**

Brooklin

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	13,049	0.654	8.538	0.950	12.390
9	47	6,189	0.644	3.987	0.976	6.037
			Total for Brooklin:	**12.525**		**18.427**

Brooksville

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,056	0.661	0.698	0.937	0.989
8	44	12,967	0.654	8.484	0.950	12.312
9	47	9,779	0.644	6.301	0.976	9.540
			Total for Brooksville:	**15.484**		**22.841**

Cranberry Isles

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	302	0.644	0.194	0.976	0.294
			Total for Cranberry Isles:	**0.194**		**0.294**

Deer Isle

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	33,077	0.661	21.870	0.937	30.977
8	44	8,190	0.654	5.359	0.950	7.777
9	47	16,352	0.644	10.535	0.976	15.951
			Total for Deer Isle:	**37.765**		**54.704**

Frenchboro

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.654	0.000	0.950	0.000
9	47	0	0.644	0.000	0.976	0.000
			Total for Frenchboro:	**0.000**		**0.000**

HPMS Functional Class Codes:
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2012 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Gouldsboro

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	37,805	0.657	24.849	0.944	35.669
7	42	21,206	0.661	14.022	0.937	19.860
8	44	10,497	0.654	6.868	0.950	9.967
9	47	4,548	0.644	2.930	0.976	4.437
			Total for Gouldsboro:	**48.669**		**69.932**

Hancock

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	98,607	0.657	64.814	0.944	93.035
7	42	21,880	0.661	14.467	0.937	20.490
8	44	2,942	0.654	1.925	0.950	2.793
9	47	11,742	0.644	7.565	0.976	11.454
			Total for Hancock:	**88.771**		**127.773**

Lamoine

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	19,294	0.661	12.757	0.937	18.069
8	44	11,557	0.654	7.562	0.950	10.973
9	47	6,294	0.644	4.055	0.976	6.140
			Total for Lamoine:	**24.374**		**35.181**

Mount Desert

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	122,960	0.661	81.301	0.937	115.152
8	44	8,909	0.654	5.829	0.950	8.459
9	47	40,065	0.644	25.814	0.976	39.084
			Total for Mount Desert:	**112.944**		**162.695**

Sedgwick

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	31,487	0.661	20.819	0.937	29.488
8	44	16,139	0.654	10.560	0.950	15.324
9	47	3,229	0.644	2.081	0.976	3.150
			Total for Sedgwick:	**33.460**		**47.962**

Sorrento

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	2,027	0.654	1.326	0.950	1.925
9	47	2,377	0.644	1.532	0.976	2.319
			Total for Sorrento:	**2.858**		**4.244**

Southwest Harbor

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	46,319	0.661	30.626	0.937	43.377
8	44	13,205	0.654	8.640	0.950	12.538
9	47	10,005	0.644	6.447	0.976	9.760
			Total for Southwest Harbor:	**45.712**		**65.676**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2012 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Stonington

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,268	0.661	4.806	0.937	6.806
8	44	5,635	0.654	3.687	0.950	5.350
9	47	9,677	0.644	6.235	0.976	9.440
			Total for Stonington:	**14.727**		**21.597**

Sullivan

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	49,437	0.657	32.495	0.944	46.643
7	42	2,542	0.661	1.681	0.937	2.381
8	44	3,802	0.654	2.488	0.950	3.610
9	47	4,240	0.644	2.732	0.976	4.136
			Total for Sullivan:	**39.395**		**56.771**

Surry

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	36,995	0.661	24.461	0.937	34.646
8	44	10,628	0.654	6.954	0.950	10.091
9	47	7,347	0.644	4.734	0.976	7.167
			Total for Surry:	**36.149**		**51.904**

Swans Island

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,030	0.661	0.681	0.937	0.964
8	44	0	0.654	0.000	0.950	0.000
9	47	1,251	0.644	0.806	0.976	1.221
			Total for Swans Island:	**1.487**		**2.185**

Tremont

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,581	0.661	3.029	0.937	4.290
8	44	19,387	0.654	12.685	0.950	18.408
9	47	7,888	0.644	5.082	0.976	7.695
			Total for Tremont:	**20.797**		**30.394**

Trenton

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	124,845	0.657	82.061	0.944	117.791
7	42	3,947	0.661	2.609	0.937	3.696
8	44	14,177	0.654	9.276	0.950	13.461
9	47	3,849	0.644	2.480	0.976	3.754
			Total for Trenton:	**96.426**		**138.703**

Winter Harbor

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	6,291	0.661	4.159	0.937	5.891
8	44	634	0.654	0.415	0.950	0.602
9	47	6,162	0.644	3.970	0.976	6.011
			Total for Winter Harbor:	**8.545**		**12.504**
			Total for Hancock County:	**936.433 kg**		**1,352.601 kg**

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Camden

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	47,752	0.611	29.186	0.978	46.720
7	44	13,185	0.602	7.940	0.946	12.467
8	44	24,603	0.602	14.816	0.946	23.262
9	47	29,070	0.594	17.273	0.972	28.244
			Total for Camden:	**69.215**		**110.693**

Cushing

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,006	0.602	4.219	0.946	6.624
8	44	19,497	0.602	11.741	0.946	18.434
9	47	1,420	0.594	0.844	0.972	1.380
			Total for Cushing:	**16.804**		**26.438**

Friendship

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	10,918	0.602	6.575	0.946	10.323
8	44	1,150	0.602	0.692	0.946	1.087
9	47	3,553	0.594	2.111	0.972	3.452
			Total for Friendship:	**9.379**		**14.862**

Isle Au Haut

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	1,503	0.594	0.893	0.972	1.461
			Total for Isle Au Haut:	**0.893**		**1.461**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.602	0.000	0.946	0.000
9	47	86	0.594	0.051	0.972	0.084
			Total for Matinicus Isle Plt:	**0.051**		**0.084**

North Haven

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,278	0.602	1.974	0.946	3.100
8	44	1,004	0.602	0.605	0.946	0.949
9	47	8,740	0.594	5.193	0.972	8.492
			Total for North Haven:	**7.772**		**12.541**

Owls Head

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	12,741	0.602	7.673	0.946	12.047
8	44	10,601	0.602	6.384	0.946	10.024
9	47	2,906	0.594	1.727	0.972	2.824
			Total for Owls Head:	**15.784**		**24.894**

Rockland

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	50	16,843	0.586	9.875	0.999	16.820
7	44	7,407	0.602	4.461	0.946	7.003
8	44	0	0.602	0.000	0.946	0.000
9	47	3,514	0.594	2.088	0.972	3.414
14	24	55,173	0.711	39.239	0.957	52.773
16	26	20,903	0.692	14.469	0.940	19.638
17	25	34,154	0.701	23.949	0.947	32.326
19	29	18,377	0.669	12.298	0.920	16.897
			Total for Rockland:	**106.377**		**148.871**

Rockport

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	84,829	0.611	51.848	0.978	82.997
6	50	91,352	0.586	53.560	0.999	91.224
7	44	5,611	0.602	3.379	0.946	5.306
8	44	8,581	0.602	5.167	0.946	8.113
9	47	36,726	0.594	21.823	0.972	35.683
			Total for Rockport:	**135.776**		**223.323**

Saint George

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	40,981	0.602	24.679	0.946	38.747
9	47	11,317	0.594	6.724	0.972	10.995
			Total for Saint George:	**31.403**		**49.743**

South Thomaston

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	36,404	0.602	21.923	0.946	34.420
8	44	5,024	0.602	3.025	0.946	4.750
9	47	6,885	0.594	4.091	0.972	6.689
			Total for South Thomaston:	**29.039**		**45.859**

Thomaston

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	65,144	0.611	39.816	0.978	63.737
7	44	15,391	0.602	9.268	0.946	14.552
8	44	6,140	0.602	3.697	0.946	5.805
9	47	12,871	0.594	7.648	0.972	12.505
			Total for Thomaston:	**60.430**		**96.599**

Vinalhaven

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	2,947	0.602	1.774	0.946	2.786
8	44	0	0.602	0.000	0.946	0.000
9	47	2,296	0.594	1.364	0.972	2.231
			Total for Vinalhaven:	**3.139**		**5.017**

2012 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	61,011	0.611	37.290	0.978	59.693
6	50	42,934	0.586	25.172	0.999	42.874
7	44	19,317	0.602	11.632	0.946	18.264
8	44	5,974	0.602	3.597	0.946	5.648
9	47	23,850	0.594	14.172	0.972	23.173
			Total for Warren:	**91.863**		**149.651**
			Total for Knox County:	**577.925 kg**		**910.036 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	11,776	0.600	7.068	0.952	11.205
8	44	5,939	0.602	3.576	0.946	5.615
9	48	2,627	0.591	1.553	0.982	2.578
			Total for Alna:	**12.198**		**19.398**

Boothbay

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	57,744	0.594	34.311	0.972	56.104
7	45	5,354	0.600	3.213	0.952	5.094
8	44	22,732	0.602	13.689	0.946	21.493
9	48	24,506	0.591	14.490	0.982	24.052
			Total for Boothbay:	**65.704**		**106.744**

Boothbay Harbor

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	20,918	0.594	12.430	0.972	20.324
7	45	17,313	0.600	10.391	0.952	16.473
8	44	11,196	0.602	6.742	0.946	10.586
9	48	13,266	0.591	7.844	0.982	13.021
			Total for Boothbay Harbor:	**37.407**		**60.404**

Bremen

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	8,892	0.600	5.337	0.952	8.461
8	44	3,914	0.602	2.357	0.946	3.700
9	48	3,230	0.591	1.910	0.982	3.170
			Total for Bremen:	**9.604**		**15.331**

Bristol

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	69,081	0.600	41.463	0.952	65.731
8	44	12,613	0.602	7.595	0.946	11.925
9	48	15,016	0.591	8.879	0.982	14.738
			Total for Bristol:	**57.937**		**92.394**

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2012 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	23,793	0.597	14.209	1.022	24.307
7	45	43,881	0.600	26.337	0.952	41.753
8	44	17,594	0.602	10.595	0.946	16.635
9	48	9,051	0.591	5.352	0.982	8.884
			Total for Damariscotta:	**56.494**		**91.579**

Dresden

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	19,586	0.594	11.638	0.972	19.030
7	45	10,093	0.600	6.058	0.952	9.604
8	44	20,378	0.602	12.272	0.946	19.268
9	48	5,741	0.591	3.395	0.982	5.635
			Total for Dresden:	**33.363**		**53.536**

Edgecomb

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	45,054	0.597	26.906	1.022	46.027
6	47	45,115	0.594	26.807	0.972	43.834
7	45	440	0.600	0.264	0.952	0.418
8	44	9,141	0.602	5.505	0.946	8.643
9	48	5,347	0.591	3.162	0.982	5.248
			Total for Edgecomb:	**62.644**		**104.170**

Monhegan Island Plt

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	48	20	0.591	0.012	0.982	0.019
			Total for Monhegan Island Plt:	**0.012**		**0.019**

Newcastle

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	82,714	0.597	49.397	1.022	84.501
7	45	19,809	0.600	11.889	0.952	18.848
8	44	19,730	0.602	11.882	0.946	18.655
9	48	8,492	0.591	5.022	0.982	8.335
			Total for Newcastle:	**78.189**		**130.339**

Nobleboro

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	53,713	0.597	32.078	1.022	54.873
7	45	635	0.600	0.381	0.952	0.604
8	44	11,064	0.602	6.663	0.946	10.461
9	48	12,578	0.591	7.437	0.982	12.345
			Total for Nobleboro:	**46.558**		**78.283**

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2012 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	25,147	0.600	15.093	0.952	23.927
8	44	1,149	0.602	0.692	0.946	1.087
9	48	4,076	0.591	2.410	0.982	4.000
			Total for South Bristol:	**18.195**		**29.014**

Southport

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	664	0.600	0.399	0.952	0.632
8	44	10,048	0.602	6.051	0.946	9.500
9	48	1,522	0.591	0.900	0.982	1.494
			Total for Southport:	**7.349**		**11.626**

Waldoboro

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	93,645	0.597	55.925	1.022	95.668
7	45	59,437	0.600	35.674	0.952	56.554
8	44	13,199	0.602	7.948	0.946	12.479
9	48	23,201	0.591	13.719	0.982	22.772
			Total for Waldoboro:	**113.266**		**187.473**

Westport Island

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	6,275	0.602	3.779	0.946	5.933
9	48	3,718	0.591	2.199	0.982	3.649
			Total for Westport Island:	**5.977**		**9.582**

Wiscasset

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	91,537	0.597	54.666	1.022	93.514
6	47	26,673	0.594	15.849	0.972	25.915
7	45	6,440	0.600	3.865	0.952	6.128
8	44	10,246	0.602	6.170	0.946	9.688
9	48	16,246	0.591	9.606	0.982	15.945
			Total for Wiscasset:	**90.157**		**151.190**
			Total for Lincoln County:	**695.053 kg**		**1,141.084 kg**

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2012 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	726	0.638	0.463	0.994	0.721
8	47	1,829	0.644	1.178	0.976	1.784
9	49	11,237	0.638	7.172	0.994	11.165
			Total for Islesboro:	**8.814**		**13.670**
			Total for Waldo County:	**8.814 kg**		**13.670 kg**
			2012 MidCoast, Maine Ozone Maintenance Area:	**2,218.225 kg**		**3,417.390 kg**
				2.444 tons		**3.766 tons**

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2016 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	294	0.473	0.139	0.628	0.185
7	45	60,783	0.473	28.726	0.628	38.178
8	46	17,801	0.471	8.375	0.634	11.287
9	46	23,340	0.471	10.981	0.634	14.800
			Total for Durham:	**48.221**		**64.449**
		Total for Androscoggin County:		**48.221 kg**		**64.449 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	164,141	0.369	60.486	0.711	116.753
7	42	39,039	0.385	15.046	0.496	19.359
9	44	59,178	0.382	22.577	0.503	29.767
12	46	228,349	0.380	86.864	0.543	123.994
14	27	57,517	0.432	24.870	0.494	28.408
16	26	64,604	0.438	28.316	0.497	32.108
17	27	143,744	0.432	62.155	0.494	70.995
19	31	43,825	0.414	18.161	0.483	21.163
			Total for Brunswick:	**318.474**		**442.547**

Cape Elizabeth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	68,561	0.432	29.646	0.494	33.862
19	31	26,759	0.414	11.089	0.483	12.922
			Total for Cape Elizabeth:	**40.735**		**46.784**

Casco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	65,877	0.393	25.909	0.513	33.788
6	41	34,297	0.387	13.287	0.492	16.874
8	41	21,158	0.387	8.197	0.492	10.410
9	44	20,579	0.382	7.851	0.503	10.351
			Total for Casco:	**55.243**		**71.423**

Cumberland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	164,251	0.369	60.527	0.711	116.832
6	41	18,886	0.387	7.316	0.492	9.292
7	42	21,929	0.385	8.451	0.496	10.875
8	41	14,097	0.387	5.461	0.492	6.936
9	44	17,651	0.382	6.734	0.503	8.878
11	58	62,073	0.369	22.880	0.665	41.297
17	27	56,655	0.432	24.498	0.494	27.982
19	31	13,338	0.414	5.527	0.483	6.441
			Total for Cumberland:	**141.394**		**228.532**

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2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	249,419	0.369	91.911	0.711	177.412
6	41	26,312	0.387	10.193	0.492	12.946
7	42	63,200	0.385	24.357	0.496	31.341
8	41	13,303	0.387	5.153	0.492	6.545
9	44	27,443	0.382	10.469	0.503	13.804
11	58	203,060	0.369	74.848	0.665	135.096
14	27	9,355	0.432	4.045	0.494	4.620
16	26	26,434	0.438	11.586	0.497	13.138
17	27	128,498	0.432	55.563	0.494	63.465
19	31	12,851	0.414	5.325	0.483	6.206
			Total for Falmouth:	**293.452**		**464.572**

Freeport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	303,284	0.369	111.760	0.711	215.726
7	42	39,790	0.385	15.335	0.496	19.732
8	41	27,839	0.387	10.785	0.492	13.697
9	44	33,829	0.382	12.906	0.503	17.016
11	58	77,655	0.369	28.624	0.665	51.664
17	27	86,817	0.432	37.539	0.494	42.879
19	31	14,172	0.414	5.873	0.483	6.844
			Total for Freeport:	**222.822**		**367.557**

Frye Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.382	0.000	0.503	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	8,186	0.393	3.220	0.513	4.199
6	41	79,290	0.387	30.717	0.492	39.011
7	42	69,244	0.385	26.687	0.496	34.338
8	41	4,511	0.387	1.748	0.492	2.220
9	44	46,486	0.382	17.734	0.503	23.382
14	27	62,277	0.432	26.929	0.494	30.759
16	26	106,642	0.438	46.741	0.497	53.001
17	27	82,349	0.432	35.608	0.494	40.672
19	31	26,383	0.414	10.933	0.483	12.740
			Total for Gorham:	**200.316**		**240.321**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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05 Cumberland County

Gray

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	239,166	0.369	88.132	0.711	170.118
2	39	67,264	0.393	26.455	0.513	34.500
6	41	138,233	0.387	53.551	0.492	68.011
7	42	28,119	0.385	10.837	0.496	13.944
8	41	14,466	0.387	5.604	0.492	7.117
9	44	46,050	0.382	17.568	0.503	23.163
			Total for Gray:	**202.148**		**316.853**

Harpswell

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	87,697	0.385	33.798	0.496	43.489
8	41	11,487	0.387	4.450	0.492	5.651
9	44	8,848	0.382	3.375	0.503	4.450
			Total for Harpswell:	**41.624**		**53.591**

Long Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.382	0.000	0.503	0.000
19	31	185	0.414	0.077	0.483	0.089
			Total for Long Island:	**0.077**		**0.089**

New Gloucester

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	160,857	0.369	59.276	0.711	114.418
2	39	25,447	0.393	10.008	0.513	13.052
6	41	73,164	0.387	28.344	0.492	35.997
7	42	26,713	0.385	10.295	0.496	13.247
8	41	2,817	0.387	1.091	0.492	1.386
9	44	45,449	0.382	17.339	0.503	22.861
			Total for New Gloucester:	**126.353**		**200.960**

North Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	37,554	0.385	14.473	0.496	18.623
8	41	8,929	0.387	3.459	0.492	4.393
9	44	14,369	0.382	5.482	0.503	7.227
17	27	14,178	0.432	6.130	0.494	7.002
19	31	1,562	0.414	0.647	0.483	0.754
			Total for North Yarmouth:	**30.192**		**38.001**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	601,384	0.369	221.670	0.665	400.101
12	46	38,298	0.380	14.569	0.543	20.796
14	27	490,140	0.432	211.937	0.494	242.080
16	26	184,142	0.438	80.709	0.497	91.518
17	27	184,892	0.432	79.947	0.494	91.318
19	31	112,482	0.414	46.613	0.483	54.318
			Total for Portland:	**655.444**		**900.131**

Pownal

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	24,393	0.385	9.401	0.496	12.096
9	44	17,037	0.382	6.500	0.503	8.570
			Total for Pownal:	**15.901**		**20.666**

Raymond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	72,377	0.393	28.466	0.513	37.122
8	41	58,078	0.387	22.499	0.492	28.574
9	44	34,595	0.382	13.198	0.503	17.401
			Total for Raymond:	**64.163**		**83.098**

Scarborough

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	395,041	0.369	145.573	0.711	280.993
7	42	12,442	0.385	4.795	0.496	6.170
8	41	52,917	0.387	20.500	0.492	26.035
9	44	36,957	0.382	14.099	0.503	18.590
11	58	62,260	0.369	22.949	0.665	41.421
12	46	24,253	0.380	9.226	0.543	13.169
16	26	290,063	0.438	127.135	0.497	144.161
17	27	212,776	0.432	92.004	0.494	105.090
19	31	52,208	0.414	21.635	0.483	25.211
			Total for Scarborough:	**457.916**		**660.841**

South Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	242,109	0.369	89.241	0.665	161.075
12	46	82,626	0.380	31.431	0.543	44.866
14	27	40,348	0.432	17.447	0.494	19.928
16	26	205,298	0.438	89.982	0.497	102.033
17	27	124,072	0.432	53.649	0.494	61.279
19	31	76,922	0.414	31.877	0.483	37.146
			Total for South Portland:	**313.627**		**426.328**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Standish

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	41	78,836	0.387	30.541	0.492	38.787
7	42	203,248	0.385	78.332	0.496	100.791
9	44	55,280	0.382	21.089	0.503	27.806
			Total for Standish:	**129.962**		**167.384**

Westbrook

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	224	0.382	0.085	0.503	0.113
12	46	28,653	0.380	10.900	0.543	15.559
14	27	107,766	0.432	46.598	0.494	53.226
16	26	131,137	0.438	57.477	0.497	65.175
17	27	106,706	0.432	46.140	0.494	52.702
19	31	44,247	0.414	18.336	0.483	21.367
19	31	506	0.414	0.210	0.483	0.244
			Total for Westbrook:	**179.746**		**208.385**

Windham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	175,245	0.393	68.924	0.513	89.883
6	41	84,845	0.387	32.869	0.492	41.744
7	42	55,448	0.385	21.370	0.496	27.497
8	41	31,626	0.387	12.252	0.492	15.560
9	44	53,853	0.382	20.545	0.503	27.088
14	27	39,385	0.432	17.030	0.494	19.452
16	26	10,069	0.438	4.413	0.497	5.004
17	27	47,809	0.432	20.672	0.494	23.613
19	31	10,765	0.414	4.461	0.483	5.198
			Total for Windham:	**202.536**		**255.039**

Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	3,054	0.382	1.165	0.503	1.536
11	58	142,505	0.369	52.527	0.665	94.809
17	27	97,125	0.432	41.997	0.494	47.970
19	31	37,695	0.414	15.621	0.483	18.203
			Total for Yarmouth:	**111.310**		**162.518**
		Total for Cumberland County:		**3,803.435 kg**		**5,355.621 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	18,589	0.469	8.709	0.640	11.899
9	47	1,767	0.469	0.828	0.640	1.131
			Total for Arrowsic:	**9.537**		**13.030**

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Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	810	0.469	0.379	0.640	0.518
8	45	2,525	0.473	1.194	0.628	1.586
9	47	8,144	0.469	3.816	0.640	5.213
12	44	36,925	0.478	17.632	0.655	24.186
14	30	5,256	0.524	2.752	0.607	3.190
16	23	2,957	0.571	1.688	0.641	1.896
17	26	59,350	0.547	32.441	0.624	37.034
19	29	24,181	0.529	12.780	0.610	14.750
			Total for Bath:	**72.680**		**88.374**

Bowdoin

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	12,695	0.451	5.722	0.838	10.642
7	47	39,661	0.469	18.581	0.640	25.387
8	45	16,960	0.473	8.015	0.628	10.652
9	47	12,414	0.469	5.816	0.640	7.947
			Total for Bowdoin:	**38.134**		**54.628**

Bowdoinham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	200,441	0.451	90.339	0.838	168.030
7	47	28,932	0.469	13.555	0.640	18.519
8	45	2,778	0.473	1.313	0.628	1.745
9	47	8,709	0.469	4.080	0.640	5.575
			Total for Bowdoinham:	**109.287**		**193.869**

Georgetown

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	14,858	0.469	6.961	0.640	9.510
9	47	8,167	0.469	3.826	0.640	5.228
			Total for Georgetown:	**10.787**		**14.738**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	40	0.469	0.019	0.640	0.026
			Total for Perkins Twp Swan Island:	**0.019**		**0.026**

Phippsburg

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	35,456	0.469	16.611	0.640	22.696
8	45	9,972	0.473	4.713	0.628	6.263
9	47	15,398	0.469	7.214	0.640	9.856
			Total for Phippsburg:	**28.538**		**38.815**

2016 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Richmond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	135,677	0.451	61.150	0.838	113.738
7	47	52,396	0.469	24.548	0.640	33.539
8	45	5,353	0.473	2.530	0.628	3.362
9	47	9,305	0.469	4.360	0.640	5.956
			Total for Richmond:	**92.586**		**156.595**

Topsham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	149,505	0.451	67.382	0.838	125.330
2	45	92,239	0.475	43.777	0.661	60.979
7	47	27,793	0.469	13.021	0.640	17.790
8	45	15,109	0.473	7.141	0.628	9.490
9	47	11,740	0.469	5.500	0.640	7.515
14	30	59,839	0.524	31.326	0.607	36.316
16	23	20,081	0.571	11.458	0.641	12.874
17	26	30,071	0.547	16.437	0.624	18.764
19	29	21,075	0.529	11.138	0.610	12.856
			Total for Topsham:	**207.179**		**301.915**

West Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	65,258	0.475	30.972	0.661	43.142
7	47	24,552	0.469	11.503	0.640	15.716
8	45	11,612	0.473	5.488	0.628	7.294
9	47	15,079	0.469	7.064	0.640	9.652
			Total for West Bath:	**55.027**		**75.804**

Woolwich

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	127,127	0.475	60.334	0.661	84.044
7	47	1,229	0.469	0.576	0.640	0.786
8	45	32,399	0.473	15.312	0.628	20.350
9	47	12,776	0.469	5.986	0.640	8.178
			Total for Woolwich:	**82.207**		**113.357**
		Total for Sagadahoc County:		**705.981 kg**		**1,051.152 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	88,665	0.478	42.337	0.655	58.075
6	38	22,781	0.491	11.174	0.606	13.805
8	40	490	0.485	0.237	0.609	0.298
9	43	30,366	0.478	14.500	0.621	18.860
			Total for Alfred:	**68.248**		**91.039**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

Arundel

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	215,018	0.451	96.909	0.838	180.250
2	44	62,200	0.478	29.701	0.655	40.741
6	38	60,248	0.491	29.552	0.606	36.511
7	39	19,993	0.488	9.747	0.608	12.156
9	43	55,617	0.478	26.557	0.621	34.544
			Total for Arundel:	**192.465**		**304.201**

Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	62,906	0.491	30.856	0.606	38.121
8	40	8,957	0.485	4.340	0.609	5.455
9	43	29,164	0.478	13.926	0.621	18.114
14	29	2,600	0.529	1.374	0.610	1.586
16	29	27,966	0.529	14.780	0.610	17.060
17	27	13,947	0.541	7.538	0.619	8.633
19	32	30,637	0.513	15.701	0.604	18.502
			Total for Berwick:	**88.515**		**107.470**

Biddeford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	170,454	0.451	76.824	0.838	142.892
2	44	35,691	0.478	17.043	0.655	23.378
6	38	46,333	0.491	22.726	0.606	28.078
7	39	17,276	0.488	8.422	0.608	10.504
8	40	32,636	0.485	15.812	0.609	19.875
9	43	25,496	0.478	12.174	0.621	15.835
16	29	57,670	0.529	30.478	0.610	35.178
17	27	114,455	0.541	61.863	0.619	70.848
19	32	30,114	0.513	15.434	0.604	18.186
			Total for Biddeford:	**260.776**		**364.774**

Buxton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	41,074	0.478	19.613	0.655	26.904
7	39	35,920	0.488	17.511	0.608	21.839
8	40	81,418	0.485	39.447	0.609	49.583
9	43	43,191	0.478	20.623	0.621	26.826
			Total for Buxton:	**97.194**		**125.152**

Dayton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	51,778	0.488	25.242	0.608	31.481
8	40	2,545	0.485	1.233	0.609	1.550
9	43	11,740	0.478	5.606	0.621	7.292
			Total for Dayton:	**32.080**		**40.322**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Eliot

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	0	0.488	0.000	0.608	0.000
8	40	1,942	0.485	0.941	0.609	1.182
9	43	3,231	0.478	1.543	0.621	2.007
16	29	93,202	0.529	49.257	0.610	56.853
17	27	38,276	0.541	20.688	0.619	23.693
19	32	15,178	0.513	7.778	0.604	9.166
			Total for Eliot:	**80.207**		**92.901**

Hollis

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	42,538	0.478	20.312	0.655	27.862
7	39	66,023	0.488	32.186	0.608	40.142
8	40	22,967	0.485	11.128	0.609	13.987
9	43	26,303	0.478	12.560	0.621	16.337
			Total for Hollis:	**76.185**		**98.328**

Kennebunk

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	247,645	0.451	111.614	0.838	207.601
6	38	43,459	0.491	21.317	0.606	26.336
7	39	132,858	0.488	64.768	0.608	80.777
8	40	47,742	0.485	23.131	0.609	29.075
9	43	48,257	0.478	23.043	0.621	29.972
19	32	0	0.513	0.000	0.604	0.000
			Total for Kennebunk:	**243.872**		**373.762**

Kennebunkport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	40,433	0.488	19.711	0.608	24.584
9	43	50,299	0.478	24.018	0.621	31.241
			Total for Kennebunkport:	**43.729**		**55.824**

Kittery

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	131,042	0.451	59.060	0.838	109.852
6	38	13,680	0.491	6.710	0.606	8.290
7	39	3,104	0.488	1.513	0.608	1.887
8	40	4,176	0.485	2.023	0.609	2.543
9	43	9,723	0.478	4.643	0.621	6.039
11	58	145,928	0.453	66.062	0.792	115.619
12	38	17,599	0.493	8.668	0.634	11.158
14	29	31,495	0.529	16.645	0.610	19.212
16	29	87,422	0.529	46.202	0.610	53.327
17	27	39,765	0.541	21.493	0.619	24.615
19	32	15,111	0.513	7.745	0.604	9.126
			Total for Kittery:	**240.764**		**361.668**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

Limington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	42,749	0.491	20.968	0.606	25.906
7	39	31,728	0.488	15.468	0.608	19.291
8	40	3,904	0.485	1.892	0.609	2.378
9	43	17,677	0.478	8.441	0.621	10.979
			Total for Limington:	**46.768**		**58.554**

Lyman

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	82,641	0.478	39.461	0.655	54.130
7	39	22,579	0.488	11.007	0.608	13.728
8	40	24,648	0.485	11.942	0.609	15.011
9	43	24,658	0.478	11.774	0.621	15.315
			Total for Lyman:	**74.184**		**98.184**

North Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	93,257	0.491	45.742	0.606	56.513
8	40	4,633	0.485	2.244	0.609	2.821
9	43	44,296	0.478	21.151	0.621	27.512
			Total for North Berwick:	**69.138**		**86.847**

Ogunquit

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	76,209	0.451	34.348	0.838	63.886
6	38	43,972	0.491	21.568	0.606	26.647
7	39	9,893	0.488	4.823	0.608	6.015
9	43	13,535	0.478	6.463	0.621	8.406
			Total for Ogunquit:	**67.202**		**104.955**

Old Orchard Beach

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	791	0.493	0.390	0.634	0.502
17	27	89,872	0.541	48.576	0.619	55.631
19	32	30,740	0.513	15.754	0.604	18.564
			Total for Old Orchard Beach:	**64.720**		**74.697**

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2016 Portland, Maine Ozone Maintenance Area

31 York County

Saco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	345,735	0.451	155.823	0.838	289.829
6	38	48,447	0.491	23.763	0.606	29.359
7	39	60,643	0.488	29.564	0.608	36.871
8	40	4,097	0.485	1.985	0.609	2.495
9	43	34,219	0.478	16.340	0.621	21.254
11	58	172,590	0.453	78.131	0.792	136.743
12	38	11,832	0.493	5.827	0.634	7.501
16	29	66,178	0.529	34.975	0.610	40.368
17	27	128,920	0.541	69.681	0.619	79.801
19	32	33,414	0.513	17.125	0.604	20.179
			Total for Saco:	**433.214**		**664.401**

Sanford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	35,480	0.478	16.942	0.655	23.239
6	38	60,355	0.491	29.604	0.606	36.575
7	39	27,477	0.488	13.395	0.608	16.706
8	40	12,432	0.485	6.023	0.609	7.571
9	43	43,320	0.478	20.685	0.621	26.906
14	29	136,692	0.529	72.242	0.610	83.382
16	29	48,062	0.529	25.401	0.610	29.318
17	27	80,762	0.541	43.652	0.619	49.992
19	32	48,689	0.513	24.953	0.604	29.404
			Total for Sanford:	**252.897**		**303.093**

South Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	26,047	0.491	12.776	0.606	15.785
7	39	9,659	0.488	4.709	0.608	5.873
9	43	21,058	0.478	10.055	0.621	13.079
16	29	63,934	0.529	33.789	0.610	39.000
17	27	6,362	0.541	3.439	0.619	3.938
19	32	27,592	0.513	14.141	0.604	16.663
			Total for South Berwick:	**78.909**		**94.337**

Wells

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	475,113	0.451	214.133	0.838	398.287
2	44	56,312	0.478	26.889	0.655	36.885
6	38	193,764	0.491	95.041	0.606	117.421
7	39	15,217	0.488	7.418	0.608	9.252
8	40	27,633	0.485	13.388	0.609	16.828
9	43	78,896	0.478	37.673	0.621	49.002
			Total for Wells:	**394.543**		**627.675**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

York

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	538,509	0.451	242.706	0.838	451.432
6	38	165,868	0.491	81.358	0.606	100.516
7	39	112,091	0.488	54.644	0.608	68.151
8	40	41,730	0.485	20.218	0.609	25.413
9	43	86,563	0.478	41.334	0.621	53.764
			Total for York:	**440.261**		**699.277**
			Total for York County:	**3,345.873 kg**		**4,827.460 kg**
		2016 Portland, Maine Ozone Maintenance Area:		**7,903.510 kg**		**11,298.682 kg**
				8.710 tons		**12.451 tons**

HPMS Functional Class Codes:
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2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	130,965	0.516	67.513	0.624	81.722
7	42	112,080	0.518	58.013	0.620	69.501
8	44	728	0.513	0.373	0.627	0.457
9	47	92,150	0.505	46.499	0.643	59.261
			Total for Bar Harbor:	**172.397**		**210.941**

Blue Hill

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	62,621	0.518	32.413	0.620	38.831
8	44	48,166	0.513	24.690	0.627	30.205
9	47	16,476	0.505	8.314	0.643	10.596
			Total for Blue Hill:	**65.416**		**79.632**

Brooklin

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	13,376	0.513	6.857	0.627	8.388
9	47	6,344	0.505	3.201	0.643	4.080
			Total for Brooklin:	**10.058**		**12.468**

Brooksville

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,082	0.518	0.560	0.620	0.671
8	44	13,292	0.513	6.814	0.627	8.336
9	47	10,025	0.505	5.058	0.643	6.447
			Total for Brooksville:	**12.432**		**15.454**

Cranberry Isles

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	309	0.505	0.156	0.643	0.199
			Total for Cranberry Isles:	**0.156**		**0.199**

Deer Isle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	33,906	0.518	17.550	0.620	21.025
8	44	8,396	0.513	4.304	0.627	5.265
9	47	16,762	0.505	8.458	0.643	10.779
			Total for Deer Isle:	**30.311**		**37.069**

Frenchboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.513	0.000	0.627	0.000
9	47	0	0.505	0.000	0.643	0.000
			Total for Frenchboro:	**0.000**		**0.000**

HPMS Functional Class Codes:
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Gouldsboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	38,752	0.516	19.977	0.624	24.182
7	42	21,738	0.518	11.252	0.620	13.480
8	44	10,761	0.513	5.516	0.627	6.748
9	47	4,662	0.505	2.352	0.643	2.998
			Total for Gouldsboro:	**39.097**		**47.407**

Hancock

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	101,079	0.516	52.106	0.624	63.073
7	42	22,428	0.518	11.609	0.620	13.908
8	44	3,016	0.513	1.546	0.627	1.891
9	47	12,036	0.505	6.074	0.643	7.741
			Total for Hancock:	**71.334**		**86.613**

Lamoine

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	19,778	0.518	10.237	0.620	12.264
8	44	11,847	0.513	6.073	0.627	7.429
9	47	6,452	0.505	3.255	0.643	4.149
			Total for Lamoine:	**19.565**		**23.842**

Mount Desert

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	126,043	0.518	65.240	0.620	78.159
8	44	9,132	0.513	4.681	0.627	5.727
9	47	41,070	0.505	20.724	0.643	26.412
			Total for Mount Desert:	**90.645**		**110.298**

Sedgwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	32,277	0.518	16.706	0.620	20.015
8	44	16,544	0.513	8.480	0.627	10.375
9	47	3,310	0.505	1.670	0.643	2.129
			Total for Sedgwick:	**26.857**		**32.518**

Sorrento

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	2,078	0.513	1.065	0.627	1.303
9	47	2,437	0.505	1.230	0.643	1.567
			Total for Sorrento:	**2.295**		**2.870**

Southwest Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	47,480	0.518	24.576	0.620	29.442
8	44	13,536	0.513	6.939	0.627	8.488
9	47	10,256	0.505	5.175	0.643	6.596
			Total for Southwest Harbor:	**36.689**		**44.526**

2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Stonington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,450	0.518	3.856	0.620	4.620
8	44	5,776	0.513	2.961	0.627	3.622
9	47	9,920	0.505	5.006	0.643	6.379
			Total for Stonington:	**11.823**		**14.621**

Sullivan

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	50,676	0.516	26.123	0.624	31.622
7	42	2,606	0.518	1.349	0.620	1.616
8	44	3,897	0.513	1.998	0.627	2.444
9	47	4,346	0.505	2.193	0.643	2.795
			Total for Sullivan:	**31.663**		**38.477**

Surry

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	37,923	0.518	19.629	0.620	23.516
8	44	10,894	0.513	5.584	0.627	6.832
9	47	7,531	0.505	3.800	0.643	4.843
			Total for Surry:	**29.013**		**35.191**

Swans Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,055	0.518	0.546	0.620	0.654
8	44	0	0.513	0.000	0.627	0.000
9	47	1,283	0.505	0.647	0.643	0.825
			Total for Swans Island:	**1.194**		**1.479**

Tremont

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,696	0.518	2.431	0.620	2.912
8	44	19,873	0.513	10.187	0.627	12.462
9	47	8,086	0.505	4.080	0.643	5.200
			Total for Tremont:	**16.698**		**20.575**

Trenton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	127,975	0.516	65.971	0.624	79.856
7	42	4,045	0.518	2.094	0.620	2.509
8	44	14,533	0.513	7.449	0.627	9.113
9	47	3,945	0.505	1.991	0.643	2.537
			Total for Trenton:	**77.505**		**94.016**

Winter Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	6,448	0.518	3.338	0.620	3.999
8	44	650	0.513	0.333	0.627	0.408
9	47	6,316	0.505	3.187	0.643	4.062
			Total for Winter Harbor:	**6.858**		**8.468**
			Total for Hancock County:	**752.007 kg**		**916.666 kg**

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Camden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	49,200	0.482	23.695	0.647	31.832
7	44	13,585	0.475	6.448	0.625	8.491
8	44	25,349	0.475	12.031	0.625	15.843
9	47	29,951	0.469	14.032	0.640	19.172
			Total for Camden:	**56.205**		**75.338**

Cushing

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,218	0.475	3.426	0.625	4.511
8	44	20,088	0.475	9.534	0.625	12.555
9	47	1,463	0.469	0.685	0.640	0.936
			Total for Cushing:	**13.645**		**18.003**

Friendship

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	11,249	0.475	5.339	0.625	7.031
8	44	1,185	0.475	0.562	0.625	0.740
9	47	3,661	0.469	1.715	0.640	2.343
			Total for Friendship:	**7.616**		**10.115**

Isle Au Haut

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	1,549	0.469	0.726	0.640	0.991
			Total for Isle Au Haut:	**0.726**		**0.991**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.475	0.000	0.625	0.000
9	47	89	0.469	0.042	0.640	0.057
			Total for Matinicus Isle Plt:	**0.042**		**0.057**

North Haven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,378	0.475	1.603	0.625	2.111
8	44	1,035	0.475	0.491	0.625	0.647
9	47	9,005	0.469	4.219	0.640	5.764
			Total for North Haven:	**6.313**		**8.522**

Owls Head

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	13,127	0.475	6.230	0.625	8.205
8	44	10,923	0.475	5.184	0.625	6.827
9	47	2,994	0.469	1.403	0.640	1.917
			Total for Owls Head:	**12.817**		**16.948**

Rockland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	50	17,354	0.462	8.011	0.656	11.386
7	44	7,632	0.475	3.622	0.625	4.770
8	44	0	0.475	0.000	0.625	0.000
9	47	3,620	0.469	1.696	0.640	2.317
14	24	56,846	0.562	31.925	0.635	36.103
16	26	21,537	0.547	11.772	0.624	13.439
17	25	35,190	0.554	19.481	0.629	22.134
19	29	18,934	0.529	10.007	0.610	11.550
			Total for Rockland:	**86.513**		**101.699**

Rockport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	87,402	0.482	42.093	0.647	56.549
6	50	94,123	0.462	43.447	0.656	61.754
7	44	5,782	0.475	2.744	0.625	3.613
8	44	8,841	0.475	4.196	0.625	5.526
9	47	37,840	0.469	17.728	0.640	24.221
			Total for Rockport:	**110.208**		**151.664**

Saint George

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	42,224	0.475	20.039	0.625	26.390
9	47	11,660	0.469	5.463	0.640	7.464
			Total for Saint George:	**25.502**		**33.853**

South Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	37,508	0.475	17.801	0.625	23.443
8	44	5,176	0.475	2.456	0.625	3.235
9	47	7,094	0.469	3.323	0.640	4.541
			Total for South Thomaston:	**23.581**		**31.218**

Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	67,120	0.482	32.325	0.647	43.427
7	44	15,857	0.475	7.526	0.625	9.911
8	44	6,326	0.475	3.002	0.625	3.954
9	47	13,261	0.469	6.213	0.640	8.489
			Total for Thomaston:	**49.066**		**65.780**

Vinalhaven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,036	0.475	1.441	0.625	1.897
8	44	0	0.475	0.000	0.625	0.000
9	47	2,365	0.469	1.108	0.640	1.514
			Total for Vinalhaven:	**2.549**		**3.412**

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Warren

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	62,861	0.482	30.274	0.647	40.671
6	50	44,236	0.462	20.419	0.656	29.023
7	44	19,902	0.475	9.446	0.625	12.439
8	44	6,155	0.475	2.921	0.625	3.847
9	47	24,574	0.469	11.513	0.640	15.730
			Total for Warren:	**74.573**		**101.710**
			Total for Knox County:	**469.356 kg**		**619.309 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,021	0.473	5.681	0.628	7.550
8	44	6,062	0.475	2.877	0.625	3.789
9	48	2,682	0.466	1.249	0.646	1.733
			Total for Alna:	**9.807**		**13.072**

Boothbay

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	58,944	0.469	27.615	0.640	37.730
7	45	5,465	0.473	2.583	0.628	3.433
8	44	23,205	0.475	11.013	0.625	14.503
9	48	25,015	0.466	11.647	0.646	16.162
			Total for Boothbay:	**52.859**		**71.829**

Boothbay Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	21,353	0.469	10.004	0.640	13.668
7	45	17,673	0.473	8.352	0.628	11.100
8	44	11,429	0.475	5.424	0.625	7.143
9	48	13,542	0.466	6.305	0.646	8.749
			Total for Boothbay Harbor:	**30.085**		**40.661**

Bremen

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,077	0.473	4.290	0.628	5.701
8	44	3,995	0.475	1.896	0.625	2.497
9	48	3,297	0.466	1.535	0.646	2.130
			Total for Bremen:	**7.721**		**10.328**

Bristol

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	70,518	0.473	33.327	0.628	44.292
8	44	12,875	0.475	6.111	0.625	8.047
9	48	15,328	0.466	7.137	0.646	9.903
			Total for Bristol:	**46.574**		**62.243**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	24,288	0.471	11.428	0.673	16.348
7	45	44,793	0.473	21.169	0.628	28.135
8	44	17,960	0.475	8.524	0.625	11.225
9	48	9,240	0.466	4.302	0.646	5.970
			Total for Damariscotta:	**45.423**		**61.678**

Dresden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	19,994	0.469	9.367	0.640	12.798
7	45	10,303	0.473	4.869	0.628	6.471
8	44	20,802	0.475	9.873	0.625	13.001
9	48	5,861	0.466	2.729	0.646	3.787
			Total for Dresden:	**26.838**		**36.057**

Edgecomb

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	45,991	0.471	21.639	0.673	30.957
6	47	46,053	0.469	21.576	0.640	29.479
7	45	449	0.473	0.212	0.628	0.282
8	44	9,331	0.475	4.428	0.625	5.832
9	48	5,458	0.466	2.541	0.646	3.526
			Total for Edgecomb:	**50.397**		**70.076**

Monhegan Island Plt

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	48	20	0.466	0.009	0.646	0.013
			Total for Monhegan Island Plt:	**0.009**		**0.013**

Newcastle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	84,434	0.471	39.726	0.673	56.833
7	45	20,221	0.473	9.556	0.628	12.701
8	44	20,141	0.475	9.559	0.625	12.588
9	48	8,669	0.466	4.036	0.646	5.601
			Total for Newcastle:	**62.878**		**87.722**

Nobleboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	54,830	0.471	25.798	0.673	36.906
7	45	648	0.473	0.306	0.628	0.407
8	44	11,294	0.475	5.360	0.625	7.059
9	48	12,840	0.466	5.978	0.646	8.296
			Total for Nobleboro:	**37.442**		**52.668**

HPMS Functional Class Codes:
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2016 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	25,670	0.473	12.131	0.628	16.123
8	44	1,173	0.475	0.557	0.625	0.733
9	48	4,161	0.466	1.937	0.646	2.688
			Total for South Bristol:	**14.625**		**19.544**

Southport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	678	0.473	0.320	0.628	0.426
8	44	10,257	0.475	4.868	0.625	6.410
9	48	1,554	0.466	0.723	0.646	1.004
			Total for Southport:	**5.912**		**7.840**

Waldoboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	95,592	0.471	44.976	0.673	64.343
7	45	60,673	0.473	28.674	0.628	38.109
8	44	13,473	0.475	6.394	0.625	8.421
9	48	23,683	0.466	11.027	0.646	15.302
			Total for Waldoboro:	**91.072**		**126.175**

Westport Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	6,405	0.475	3.040	0.625	4.003
9	48	3,796	0.466	1.767	0.646	2.452
			Total for Westport Island:	**4.807**		**6.456**

Wiscasset

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	93,441	0.471	43.964	0.673	62.895
6	47	27,227	0.469	12.756	0.640	17.428
7	45	6,574	0.473	3.107	0.628	4.129
8	44	10,459	0.475	4.964	0.625	6.537
9	48	16,584	0.466	7.721	0.646	10.715
			Total for Wiscasset:	**72.512**		**101.704**
			Total for Lincoln County:	**558.960 kg**		**768.065 kg**

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	755	0.500	0.377	0.654	0.494
8	47	1,903	0.505	0.960	0.643	1.224
9	49	11,692	0.500	5.841	0.654	7.648
			Total for Islesboro:	**7.179**		**9.365**
			Total for Waldo County:	**7.179 kg**		**9.365 kg**

2016 MidCoast, Maine Ozone Maintenance Area:	**1,787.502 kg**	**2,313.405 kg**
	1.970 tons	**2.549 tons**

HPMS Functional Class Codes:
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2025 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	304	0.329	0.100	0.357	0.109
7	45	62,992	0.329	20.712	0.357	22.513
8	46	18,447	0.327	6.029	0.360	6.648
9	46	24,188	0.327	7.905	0.360	8.717
			Total for Durham:	**34.745**		**37.988**
		Total for Androscoggin County:		**34.745 kg**		**37.988 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	170,211	0.221	37.582	0.298	50.655
7	42	40,482	0.232	9.376	0.220	8.918
9	44	61,367	0.229	14.028	0.223	13.703
12	46	236,794	0.228	53.894	0.234	55.481
14	27	59,644	0.268	15.961	0.221	13.199
16	26	66,993	0.272	18.195	0.223	14.960
17	27	149,060	0.268	39.888	0.221	32.987
19	31	45,445	0.255	11.566	0.215	9.780
			Total for Brunswick:	**200.491**		**199.683**

Cape Elizabeth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	72,316	0.268	19.352	0.221	16.004
19	31	27,899	0.255	7.100	0.215	6.004
			Total for Cape Elizabeth:	**26.452**		**22.007**

Casco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	68,313	0.238	16.224	0.221	15.111
6	41	35,565	0.233	8.272	0.219	7.796
8	41	21,941	0.233	5.103	0.219	4.809
9	44	21,340	0.229	4.878	0.223	4.765
			Total for Casco:	**34.478**		**32.481**

Cumberland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	170,325	0.221	37.608	0.298	50.689
6	41	19,584	0.233	4.555	0.219	4.293
7	42	22,740	0.232	5.267	0.220	5.010
8	41	14,618	0.233	3.400	0.219	3.204
9	44	18,304	0.229	4.184	0.223	4.087
11	58	62,843	0.221	13.869	0.281	17.634
17	27	63,671	0.268	17.038	0.221	14.090
19	31	14,829	0.255	3.774	0.215	3.191
			Total for Cumberland:	**89.696**		**102.198**

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2025 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	258,643	0.221	57.108	0.298	76.972
6	41	27,285	0.233	6.347	0.219	5.981
7	42	65,537	0.232	15.178	0.220	14.438
8	41	13,795	0.233	3.209	0.219	3.024
9	44	28,458	0.229	6.505	0.223	6.355
11	58	208,596	0.221	46.037	0.281	58.532
14	27	9,701	0.268	2.596	0.221	2.147
16	26	28,041	0.272	7.616	0.223	6.261
17	27	140,021	0.268	37.470	0.221	30.987
19	31	13,773	0.255	3.505	0.215	2.964
			Total for Falmouth:	**185.571**		**207.660**

Freeport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	314,500	0.221	69.442	0.298	93.595
7	42	41,261	0.232	9.556	0.220	9.090
8	41	28,868	0.233	6.715	0.219	6.328
9	44	35,080	0.229	8.019	0.223	7.833
11	58	81,011	0.221	17.879	0.281	22.732
17	27	91,827	0.268	24.573	0.221	20.321
19	31	15,556	0.255	3.959	0.215	3.348
			Total for Freeport:	**140.142**		**163.247**

Frye Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.229	0.000	0.223	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	8,489	0.238	2.016	0.221	1.878
6	41	82,222	0.233	19.125	0.219	18.023
7	42	71,805	0.232	16.630	0.220	15.819
8	41	4,678	0.233	1.088	0.219	1.025
9	44	48,205	0.229	11.020	0.223	10.764
14	27	64,580	0.268	17.282	0.221	14.292
16	26	114,100	0.272	30.989	0.223	25.478
17	27	87,016	0.268	23.286	0.221	19.257
19	31	30,286	0.255	7.708	0.215	6.518
			Total for Gorham:	**129.143**		**113.053**

HPMS Functional Class Codes:
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2025 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	248,010	0.221	54.761	0.298	73.808
2	39	69,751	0.238	16.566	0.221	15.429
6	41	143,345	0.233	33.342	0.219	31.421
7	42	29,159	0.232	6.753	0.220	6.424
8	41	15,001	0.233	3.489	0.219	3.288
9	44	47,753	0.229	10.916	0.223	10.663
			Total for Gray:	**125.827**		**141.033**

Harpswell

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	90,940	0.232	21.062	0.220	20.034
8	41	11,912	0.233	2.771	0.219	2.611
9	44	9,175	0.229	2.097	0.223	2.049
			Total for Harpswell:	**25.930**		**24.694**

Long Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.229	0.000	0.223	0.000
19	31	192	0.255	0.049	0.215	0.041
			Total for Long Island:	**0.049**		**0.041**

New Gloucester

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	166,806	0.221	36.831	0.298	49.641
2	39	26,388	0.238	6.267	0.221	5.837
6	41	75,869	0.233	17.647	0.219	16.631
7	42	27,701	0.232	6.415	0.220	6.102
8	41	2,921	0.233	0.679	0.219	0.640
9	44	47,130	0.229	10.774	0.223	10.524
			Total for New Gloucester:	**78.614**		**89.376**

North Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	38,943	0.232	9.019	0.220	8.579
8	41	9,259	0.233	2.154	0.219	2.030
9	44	14,900	0.229	3.406	0.223	3.327
17	27	15,405	0.268	4.122	0.221	3.409
19	31	1,749	0.255	0.445	0.215	0.376
			Total for North Yarmouth:	**19.147**		**17.722**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	618,281	0.221	136.455	0.281	173.490
12	46	38,522	0.228	8.768	0.234	9.026
14	27	508,266	0.268	136.012	0.221	112.479
16	26	189,294	0.272	51.412	0.223	42.269
17	27	194,842	0.268	52.140	0.221	43.119
19	31	117,971	0.255	30.024	0.215	25.387
			Total for Portland:	**414.810**		**405.770**

Pownal

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	25,295	0.232	5.858	0.220	5.572
9	44	17,667	0.229	4.039	0.223	3.945
			Total for Pownal:	**9.897**		**9.518**

Raymond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	75,054	0.238	17.825	0.221	16.602
8	41	60,225	0.233	14.008	0.219	13.201
9	44	35,875	0.229	8.201	0.223	8.011
			Total for Raymond:	**40.035**		**37.814**

Scarborough

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	409,650	0.221	90.451	0.298	121.912
7	42	12,902	0.232	2.988	0.220	2.842
8	41	54,874	0.233	12.764	0.219	12.028
9	44	38,324	0.229	8.761	0.223	8.558
11	58	65,238	0.221	14.398	0.281	18.306
12	46	25,267	0.228	5.751	0.234	5.920
16	26	307,241	0.272	83.447	0.223	68.607
17	27	219,228	0.268	58.665	0.221	48.515
19	31	57,674	0.255	14.678	0.215	12.412
			Total for Scarborough:	**291.902**		**299.100**

South Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	248,098	0.221	54.755	0.281	69.616
12	46	85,721	0.228	19.510	0.234	20.085
14	27	41,840	0.268	11.196	0.221	9.259
16	26	213,185	0.272	57.901	0.223	47.604
17	27	128,459	0.268	34.376	0.221	28.428
19	31	76,915	0.255	19.575	0.215	16.552
			Total for South Portland:	**197.313**		**191.544**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Standish

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	41	81,752	0.233	19.015	0.219	17.920
7	42	210,764	0.232	48.813	0.220	46.431
9	44	57,324	0.229	13.104	0.223	12.800
			Total for Standish:	**80.933**		**77.152**

Westbrook

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	232	0.229	0.053	0.223	0.052
12	46	29,271	0.228	6.662	0.234	6.858
14	27	111,751	0.268	29.905	0.221	24.731
16	26	138,006	0.272	37.483	0.223	30.817
17	27	115,191	0.268	30.825	0.221	25.492
19	31	50,110	0.255	12.753	0.215	10.784
19	31	525	0.255	0.134	0.215	0.113
			Total for Westbrook:	**117.814**		**98.846**

Windham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	181,726	0.238	43.160	0.221	40.198
6	41	87,983	0.233	20.465	0.219	19.286
7	42	57,499	0.232	13.317	0.220	12.667
8	41	32,796	0.233	7.628	0.219	7.189
9	44	55,844	0.229	12.766	0.223	12.470
14	27	40,841	0.268	10.929	0.221	9.038
16	26	10,635	0.272	2.888	0.223	2.375
17	27	52,296	0.268	13.994	0.221	11.573
19	31	12,897	0.255	3.282	0.215	2.775
			Total for Windham:	**128.430**		**117.571**

Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	3,167	0.229	0.724	0.223	0.707
11	58	146,206	0.221	32.268	0.281	41.026
17	27	103,204	0.268	27.617	0.221	22.839
19	31	41,137	0.255	10.469	0.215	8.853
			Total for Yarmouth:	**71.078**		**73.424**
		Total for Cumberland County:		**2,407.752 kg**		**2,423.933 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	19,123	0.325	6.213	0.363	6.932
9	47	1,818	0.325	0.591	0.363	0.659
			Total for Arrowsic:	**6.804**		**7.591**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

23 Sagadahoc County

Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	833	0.325	0.271	0.363	0.302
8	45	2,598	0.329	0.854	0.357	0.929
9	47	8,378	0.325	2.722	0.363	3.037
12	44	37,985	0.333	12.641	0.363	13.770
14	30	5,407	0.371	2.005	0.348	1.884
16	23	3,042	0.409	1.244	0.371	1.127
17	26	61,053	0.390	23.798	0.359	21.942
19	29	24,875	0.375	9.323	0.351	8.741
			Total for Bath:	**52.859**		**51.731**

Bowdoin

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	13,059	0.312	4.074	0.438	5.716
7	47	40,799	0.325	13.256	0.363	14.790
8	45	17,447	0.329	5.736	0.357	6.235
9	47	12,771	0.325	4.149	0.363	4.629
			Total for Bowdoin:	**27.216**		**31.370**

Bowdoinham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	206,193	0.312	64.332	0.438	90.251
7	47	29,762	0.325	9.670	0.363	10.789
8	45	2,858	0.329	0.940	0.357	1.021
9	47	8,959	0.325	2.911	0.363	3.248
			Total for Bowdoinham:	**77.853**		**105.309**

Georgetown

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	15,284	0.325	4.966	0.363	5.541
9	47	8,401	0.325	2.730	0.363	3.045
			Total for Georgetown:	**7.695**		**8.586**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	41	0.325	0.013	0.363	0.015
			Total for Perkins Twp Swan Island:	**0.013**		**0.015**

Phippsburg

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	36,474	0.325	11.850	0.363	13.222
8	45	10,258	0.329	3.373	0.357	3.666
9	47	15,840	0.325	5.146	0.363	5.742
			Total for Phippsburg:	**20.369**		**22.630**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Richmond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	139,570	0.312	43.546	0.438	61.090
7	47	53,900	0.325	17.512	0.363	19.539
8	45	5,506	0.329	1.810	0.357	1.968
9	47	9,572	0.325	3.110	0.363	3.470
			Total for Richmond:	**65.978**		**86.066**

Topsham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	153,795	0.312	47.984	0.438	67.316
2	45	94,886	0.331	31.388	0.366	34.681
7	47	28,591	0.325	9.289	0.363	10.364
8	45	15,543	0.329	5.110	0.357	5.555
9	47	12,077	0.325	3.924	0.363	4.378
14	30	61,556	0.371	22.825	0.348	21.446
16	23	20,657	0.409	8.449	0.371	7.654
17	26	30,934	0.390	12.058	0.359	11.118
19	29	21,680	0.375	8.126	0.351	7.618
			Total for Topsham:	**149.153**		**170.130**

West Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	67,131	0.331	22.207	0.366	24.536
7	47	25,257	0.325	8.206	0.363	9.156
8	45	11,946	0.329	3.928	0.357	4.269
9	47	15,511	0.325	5.040	0.363	5.623
			Total for West Bath:	**39.380**		**43.584**

Woolwich

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	130,775	0.331	43.260	0.366	47.798
7	47	1,264	0.325	0.411	0.363	0.458
8	45	33,328	0.329	10.958	0.357	11.912
9	47	13,143	0.325	4.270	0.363	4.764
			Total for Woolwich:	**58.899**		**64.932**
		Total for Sagadahoc County:		**506.221 kg**		**591.945 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	92,784	0.333	30.878	0.363	33.634
6	38	23,839	0.344	8.193	0.347	8.279
8	40	513	0.339	0.174	0.348	0.179
9	43	31,776	0.333	10.575	0.354	11.262
			Total for Alfred:	**49.821**		**53.353**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Arundel

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	225,007	0.312	70.202	0.438	98.486
2	44	65,090	0.333	21.662	0.363	23.595
6	38	63,047	0.344	21.669	0.347	21.896
7	39	20,922	0.341	7.130	0.347	7.268
9	43	58,201	0.333	19.369	0.354	20.626
			Total for Arundel:	**140.033**		**171.872**

Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	65,829	0.344	22.625	0.347	22.862
8	40	9,373	0.339	3.176	0.348	3.266
9	43	30,519	0.333	10.157	0.354	10.816
14	29	2,721	0.375	1.020	0.351	0.956
16	29	29,266	0.375	10.969	0.351	10.284
17	27	14,595	0.385	5.616	0.356	5.202
19	32	32,060	0.362	11.599	0.346	11.106
			Total for Berwick:	**65.161**		**64.491**

Biddeford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	178,373	0.312	55.652	0.438	78.074
2	44	37,349	0.333	12.430	0.363	13.539
6	38	48,485	0.344	16.664	0.347	16.839
7	39	18,079	0.341	6.161	0.347	6.281
8	40	34,152	0.339	11.571	0.348	11.898
9	43	26,680	0.333	8.879	0.354	9.455
16	29	59,298	0.375	22.225	0.351	20.837
17	27	119,672	0.385	46.050	0.356	42.651
19	32	32,166	0.362	11.638	0.346	11.142
			Total for Biddeford:	**191.270**		**210.717**

Buxton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	42,983	0.333	14.305	0.363	15.581
7	39	37,588	0.341	12.810	0.347	13.058
8	40	85,200	0.339	28.866	0.348	29.684
9	43	45,197	0.333	15.042	0.354	16.018
			Total for Buxton:	**71.022**		**74.341**

Dayton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	54,183	0.341	18.466	0.347	18.823
8	40	2,663	0.339	0.902	0.348	0.928
9	43	12,285	0.333	4.089	0.354	4.354
			Total for Dayton:	**23.456**		**24.105**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Eliot

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	0	0.341	0.000	0.347	0.000
8	40	2,032	0.339	0.688	0.348	0.708
9	43	3,381	0.333	1.125	0.354	1.198
16	29	97,531	0.375	36.555	0.351	34.273
17	27	40,054	0.385	15.413	0.356	14.275
19	32	15,883	0.362	5.746	0.346	5.502
			Total for Eliot:	**59.528**		**55.956**

Hollis

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	44,514	0.333	14.814	0.363	16.136
7	39	69,090	0.341	23.546	0.347	24.002
8	40	24,034	0.339	8.143	0.348	8.373
9	43	27,525	0.333	9.160	0.354	9.755
			Total for Hollis:	**55.663**		**58.267**

Kennebunk

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	259,150	0.312	80.855	0.438	113.430
6	38	45,478	0.344	15.631	0.347	15.795
7	39	139,030	0.341	47.381	0.347	48.299
8	40	49,960	0.339	16.926	0.348	17.406
9	43	50,499	0.333	16.806	0.354	17.897
19	32	0	0.362	0.000	0.346	0.000
			Total for Kennebunk:	**177.599**		**212.826**

Kennebunkport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	42,312	0.341	14.420	0.347	14.699
9	43	52,636	0.333	17.517	0.354	18.654
			Total for Kennebunkport:	**31.937**		**33.353**

Kittery

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	137,129	0.312	42.784	0.438	60.022
6	38	14,316	0.344	4.920	0.347	4.972
7	39	3,248	0.341	1.107	0.347	1.128
8	40	4,370	0.339	1.480	0.348	1.522
9	43	10,175	0.333	3.386	0.354	3.606
11	58	152,708	0.314	47.935	0.420	64.076
12	38	18,417	0.345	6.350	0.353	6.507
14	29	32,958	0.375	12.353	0.351	11.581
16	29	91,483	0.375	34.288	0.351	32.147
17	27	41,613	0.385	16.013	0.356	14.831
19	32	15,813	0.362	5.721	0.346	5.478
			Total for Kittery:	**176.338**		**205.870**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Limington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	44,735	0.344	15.375	0.347	15.536
7	39	33,202	0.341	11.315	0.347	11.535
8	40	4,085	0.339	1.384	0.348	1.423
9	43	18,498	0.333	6.156	0.354	6.556
			Total for Limington:	**34.231**		**35.050**

Lyman

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	86,480	0.333	28.781	0.363	31.349
7	39	23,628	0.341	8.052	0.347	8.208
8	40	25,793	0.339	8.739	0.348	8.986
9	43	25,803	0.333	8.587	0.354	9.145
			Total for Lyman:	**54.159**		**57.688**

North Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	97,589	0.344	33.541	0.347	33.893
8	40	4,848	0.339	1.642	0.348	1.689
9	43	46,354	0.333	15.426	0.354	16.428
			Total for North Berwick:	**50.610**		**52.009**

Ogunquit

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	79,750	0.312	24.882	0.438	34.906
6	38	46,015	0.344	15.815	0.347	15.981
7	39	10,353	0.341	3.528	0.347	3.597
9	43	14,164	0.333	4.714	0.354	5.020
			Total for Ogunquit:	**48.939**		**59.503**

Old Orchard Beach

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	797	0.345	0.275	0.353	0.282
17	27	93,711	0.385	36.060	0.356	33.399
19	32	34,703	0.362	12.556	0.346	12.021
			Total for Old Orchard Beach:	**48.890**		**45.701**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Saco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	361,796	0.312	112.880	0.438	158.358
6	38	50,697	0.344	17.425	0.347	17.607
7	39	63,461	0.341	21.627	0.347	22.046
8	40	4,288	0.339	1.453	0.348	1.494
9	43	35,809	0.333	11.917	0.354	12.691
11	58	185,440	0.314	58.210	0.420	77.811
12	38	11,923	0.345	4.111	0.353	4.213
16	29	70,250	0.375	26.330	0.351	24.686
17	27	136,787	0.385	52.636	0.356	48.751
19	32	35,650	0.362	12.898	0.346	12.349
			Total for Saco:	**319.487**		**380.005**

Sanford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	37,128	0.333	12.356	0.363	13.459
6	38	63,159	0.344	21.708	0.347	21.935
7	39	28,753	0.341	9.799	0.347	9.989
8	40	13,009	0.339	4.408	0.348	4.532
9	43	45,333	0.333	15.087	0.354	16.066
14	29	143,042	0.375	53.612	0.351	50.265
16	29	50,295	0.375	18.851	0.351	17.674
17	27	84,514	0.385	32.521	0.356	30.121
19	32	50,951	0.362	18.434	0.346	17.650
			Total for Sanford:	**186.775**		**181.690**

South Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	27,258	0.344	9.368	0.347	9.467
7	39	10,108	0.341	3.445	0.347	3.512
9	43	22,036	0.333	7.334	0.354	7.809
16	29	66,904	0.375	25.076	0.351	23.510
17	27	6,657	0.385	2.562	0.356	2.373
19	32	28,874	0.362	10.447	0.346	10.002
			Total for South Berwick:	**58.231**		**56.672**

Wells

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	497,184	0.312	155.121	0.438	217.618
2	44	58,928	0.333	19.611	0.363	21.362
6	38	202,766	0.344	69.691	0.347	70.421
7	39	15,924	0.341	5.427	0.347	5.532
8	40	28,916	0.339	9.797	0.348	10.075
9	43	82,561	0.333	27.476	0.354	29.260
			Total for Wells:	**287.124**		**354.266**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

York

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	563,526	0.312	175.820	0.438	246.655
6	38	173,574	0.344	59.657	0.347	60.282
7	39	117,298	0.341	39.975	0.347	40.749
8	40	43,668	0.339	14.795	0.348	15.214
9	43	90,584	0.333	30.146	0.354	32.103
			Total for York:	**320.394**		**395.004**
			Total for York County:	**2,450.668 kg**		**2,782.740 kg**
			2025 Portland, Maine Ozone Maintenance Area:	**5,399.386 kg**		**5,836.606 kg**
				5.950 tons		**6.432 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	134,632	0.357	48.050	0.356	47.983
7	42	115,218	0.360	41.455	0.354	40.833
8	44	749	0.355	0.266	0.358	0.268
9	47	94,729	0.349	33.051	0.365	34.529
			Total for Bar Harbor:	**122.822**		**123.613**

Blue Hill

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	64,374	0.360	23.162	0.354	22.814
8	44	49,514	0.355	17.573	0.358	17.746
9	47	16,937	0.349	5.909	0.365	6.174
			Total for Blue Hill:	**46.644**		**46.734**

Brooklin

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	13,751	0.355	4.880	0.358	4.928
9	47	6,521	0.349	2.275	0.365	2.377
			Total for Brooklin:	**7.155**		**7.305**

Brooksville

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,113	0.360	0.400	0.354	0.394
8	44	13,664	0.355	4.850	0.358	4.897
9	47	10,305	0.349	3.596	0.365	3.756
			Total for Brooksville:	**8.845**		**9.048**

Cranberry Isles

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	318	0.349	0.111	0.365	0.116
			Total for Cranberry Isles:	**0.111**		**0.116**

Deer Isle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	34,855	0.360	12.541	0.354	12.353
8	44	8,631	0.355	3.063	0.358	3.093
9	47	17,231	0.349	6.012	0.365	6.281
			Total for Deer Isle:	**21.616**		**21.727**

Frenchboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.355	0.000	0.358	0.000
9	47	0	0.349	0.000	0.365	0.000
			Total for Frenchboro:	**0.000**		**0.000**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Gouldsboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	39,837	0.357	14.218	0.356	14.198
7	42	22,347	0.360	8.040	0.354	7.920
8	44	11,062	0.355	3.926	0.358	3.965
9	47	4,793	0.349	1.672	0.365	1.747
			Total for Gouldsboro:	**27.856**		**27.829**

Hancock

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	103,909	0.357	37.085	0.356	37.033
7	42	23,056	0.360	8.296	0.354	8.171
8	44	3,100	0.355	1.100	0.358	1.111
9	47	12,373	0.349	4.317	0.365	4.510
			Total for Hancock:	**50.798**		**50.825**

Lamoine

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,331	0.360	7.315	0.354	7.205
8	44	12,178	0.355	4.322	0.358	4.365
9	47	6,632	0.349	2.314	0.365	2.417
			Total for Lamoine:	**13.951**		**13.987**

Mount Desert

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	129,571	0.360	46.620	0.354	45.920
8	44	9,388	0.355	3.332	0.358	3.365
9	47	42,220	0.349	14.730	0.365	15.389
			Total for Mount Desert:	**64.682**		**64.674**

Sedgwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	33,180	0.360	11.938	0.354	11.759
8	44	17,007	0.355	6.036	0.358	6.095
9	47	3,403	0.349	1.187	0.365	1.240
			Total for Sedgwick:	**19.161**		**19.095**

Sorrento

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	2,136	0.355	0.758	0.358	0.766
9	47	2,505	0.349	0.874	0.365	0.913
			Total for Sorrento:	**1.632**		**1.679**

Southwest Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	48,809	0.360	17.562	0.354	17.298
8	44	13,915	0.355	4.938	0.358	4.987
9	47	10,543	0.349	3.679	0.365	3.843
			Total for Southwest Harbor:	**26.179**		**26.128**

2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Stonington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,659	0.360	2.756	0.354	2.714
8	44	5,938	0.355	2.107	0.358	2.128
9	47	10,198	0.349	3.558	0.365	3.717
			Total for Stonington:	**8.421**		**8.559**

Sullivan

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	52,095	0.357	18.593	0.356	18.567
7	42	2,679	0.360	0.964	0.354	0.949
8	44	4,007	0.355	1.422	0.358	1.436
9	47	4,468	0.349	1.559	0.365	1.629
			Total for Sullivan:	**22.537**		**22.581**

Surry

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	38,984	0.360	14.027	0.354	13.816
8	44	11,199	0.355	3.975	0.358	4.014
9	47	7,742	0.349	2.701	0.365	2.822
			Total for Surry:	**20.702**		**20.652**

Swans Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,085	0.360	0.390	0.354	0.385
8	44	0	0.355	0.000	0.358	0.000
9	47	1,319	0.349	0.460	0.365	0.481
			Total for Swans Island:	**0.850**		**0.865**

Tremont

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,828	0.360	1.737	0.354	1.711
8	44	20,430	0.355	7.250	0.358	7.322
9	47	8,313	0.349	2.900	0.365	3.030
			Total for Tremont:	**11.888**		**12.063**

Trenton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	131,558	0.357	46.953	0.356	46.887
7	42	4,159	0.360	1.496	0.354	1.474
8	44	14,940	0.355	5.302	0.358	5.354
9	47	4,055	0.349	1.415	0.365	1.478
			Total for Trenton:	**55.166**		**55.194**

Winter Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	6,629	0.360	2.385	0.354	2.349
8	44	668	0.355	0.237	0.358	0.240
9	47	6,493	0.349	2.265	0.365	2.367
			Total for Winter Harbor:	**4.888**		**4.956**
			Total for Hancock County:	**535.905 kg**		**537.629 kg**

HPMS Functional Class Codes:
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Camden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	51,158	0.337	17.230	0.359	18.386
7	44	14,126	0.331	4.673	0.356	5.022
8	44	26,358	0.331	8.719	0.356	9.370
9	47	31,144	0.325	10.119	0.363	11.290
			Total for Camden:	**40.741**		**44.068**

Cushing

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,506	0.331	2.483	0.356	2.668
8	44	20,888	0.331	6.910	0.356	7.426
9	47	1,521	0.325	0.494	0.363	0.551
			Total for Cushing:	**9.887**		**10.645**

Friendship

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	11,697	0.331	3.869	0.356	4.158
8	44	1,232	0.331	0.408	0.356	0.438
9	47	3,807	0.325	1.237	0.363	1.380
			Total for Friendship:	**5.514**		**5.976**

Isle Au Haut

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	1,610	0.325	0.523	0.363	0.584
			Total for Isle Au Haut:	**0.523**		**0.584**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.331	0.000	0.356	0.000
9	47	92	0.325	0.030	0.363	0.033
			Total for Matinicus Isle Plt:	**0.030**		**0.033**

North Haven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,512	0.331	1.162	0.356	1.249
8	44	1,076	0.331	0.356	0.356	0.382
9	47	9,364	0.325	3.042	0.363	3.394
			Total for North Haven:	**4.560**		**5.025**

Owls Head

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	13,650	0.331	4.515	0.356	4.853
8	44	11,358	0.331	3.757	0.356	4.038
9	47	3,113	0.325	1.012	0.363	1.129
			Total for Owls Head:	**9.284**		**10.019**

Rockland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	50	18,045	0.320	5.773	0.370	6.668
7	44	7,936	0.331	2.625	0.356	2.821
8	44	0	0.331	0.000	0.356	0.000
9	47	3,764	0.325	1.223	0.363	1.365
14	24	59,109	0.402	23.756	0.366	21.658
16	26	22,394	0.390	8.729	0.359	8.048
17	25	36,590	0.396	14.483	0.363	13.264
19	29	19,688	0.375	7.379	0.351	6.918
			Total for Rockland:	**63.967**		**60.742**

Rockport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	90,881	0.337	30.609	0.359	32.663
6	50	97,870	0.320	31.308	0.370	36.163
7	44	6,012	0.331	1.989	0.356	2.137
8	44	9,193	0.331	3.041	0.356	3.268
9	47	39,346	0.325	12.784	0.363	14.263
			Total for Rockport:	**79.731**		**88.494**

Saint George

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	43,905	0.331	14.524	0.356	15.608
9	47	12,124	0.325	3.939	0.363	4.395
			Total for Saint George:	**18.463**		**20.003**

South Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	39,001	0.331	12.902	0.356	13.865
8	44	5,382	0.331	1.780	0.356	1.913
9	47	7,376	0.325	2.396	0.363	2.674
			Total for South Thomaston:	**17.078**		**18.452**

Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	69,792	0.337	23.506	0.359	25.083
7	44	16,489	0.331	5.454	0.356	5.862
8	44	6,578	0.331	2.176	0.356	2.338
9	47	13,789	0.325	4.480	0.363	4.999
			Total for Thomaston:	**35.616**		**38.282**

Vinalhaven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,157	0.331	1.044	0.356	1.122
8	44	0	0.331	0.000	0.356	0.000
9	47	2,460	0.325	0.799	0.363	0.892
			Total for Vinalhaven:	**1.843**		**2.014**

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2025 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	65,364	0.337	22.014	0.359	23.492
6	50	45,997	0.320	14.714	0.370	16.996
7	44	20,695	0.331	6.846	0.356	7.357
8	44	6,400	0.331	2.117	0.356	2.275
9	47	25,552	0.325	8.302	0.363	9.263
			Total for Warren:	**53.994**		**59.382**
			Total for Knox County:	**341.231 kg**		**363.720 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,289	0.329	4.041	0.357	4.392
8	44	6,198	0.331	2.050	0.356	2.203
9	48	2,742	0.324	0.888	0.365	1.002
			Total for Alna:	**6.979**		**7.597**

Boothbay

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	60,263	0.325	19.579	0.363	21.845
7	45	5,587	0.329	1.837	0.357	1.997
8	44	23,724	0.331	7.848	0.356	8.434
9	48	25,575	0.324	8.281	0.365	9.345
			Total for Boothbay:	**37.545**		**41.621**

Boothbay Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	21,831	0.325	7.093	0.363	7.914
7	45	18,068	0.329	5.941	0.357	6.457
8	44	11,685	0.331	3.865	0.356	4.154
9	48	13,845	0.324	4.483	0.365	5.059
			Total for Boothbay Harbor:	**21.382**		**23.584**

Bremen

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,280	0.329	3.051	0.357	3.317
8	44	4,084	0.331	1.351	0.356	1.452
9	48	3,371	0.324	1.092	0.365	1.232
			Total for Bremen:	**5.494**		**6.000**

Bristol

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	72,095	0.329	23.705	0.357	25.767
8	44	13,163	0.331	4.354	0.356	4.679
9	48	15,671	0.324	5.074	0.365	5.726
			Total for Bristol:	**33.133**		**36.172**

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Damariscotta

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	24,831	0.327	8.115	0.371	9.200
7	45	45,795	0.329	15.057	0.357	16.367
8	44	18,362	0.331	6.074	0.356	6.528
9	48	9,446	0.324	3.059	0.365	3.452
			Total for Damariscotta:	**32.305**		**35.546**

Dresden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	20,441	0.325	6.641	0.363	7.410
7	45	10,533	0.329	3.463	0.357	3.765
8	44	21,267	0.331	7.035	0.356	7.560
9	48	5,992	0.324	1.940	0.365	2.189
			Total for Dresden:	**19.080**		**20.924**

Edgecomb

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	47,020	0.327	15.366	0.371	17.421
6	47	47,083	0.325	15.297	0.363	17.068
7	45	459	0.329	0.151	0.357	0.164
8	44	9,539	0.331	3.156	0.356	3.391
9	48	5,580	0.324	1.807	0.365	2.039
			Total for Edgecomb:	**35.777**		**40.083**

Monhegan Island Plt

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	48	20	0.324	0.007	0.365	0.007
			Total for Monhegan Island Plt:	**0.007**		**0.007**

Newcastle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	86,323	0.327	28.210	0.371	31.983
7	45	20,673	0.329	6.797	0.357	7.388
8	44	20,591	0.331	6.812	0.356	7.320
9	48	8,863	0.324	2.870	0.365	3.239
			Total for Newcastle:	**44.689**		**49.930**

Nobleboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	56,056	0.327	18.319	0.371	20.769
7	45	662	0.329	0.218	0.357	0.237
8	44	11,546	0.331	3.820	0.356	4.105
9	48	13,127	0.324	4.250	0.365	4.796
			Total for Nobleboro:	**26.607**		**29.907**

2025 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	26,244	0.329	8.629	0.357	9.379
8	44	1,199	0.331	0.397	0.356	0.426
9	48	4,254	0.324	1.377	0.365	1.554
			Total for South Bristol:	**10.403**		**11.360**

Southport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	693	0.329	0.228	0.357	0.248
8	44	10,486	0.331	3.469	0.356	3.728
9	48	1,588	0.324	0.514	0.365	0.580
			Total for Southport:	**4.211**		**4.556**

Waldoboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	97,730	0.327	31.938	0.371	36.209
7	45	62,030	0.329	20.395	0.357	22.169
8	44	13,775	0.331	4.557	0.356	4.897
9	48	24,213	0.324	7.840	0.365	8.847
			Total for Waldoboro:	**64.730**		**72.123**

Westport Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	6,548	0.331	2.166	0.356	2.328
9	48	3,880	0.324	1.257	0.365	1.418
			Total for Westport Island:	**3.423**		**3.746**

Wiscasset

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	95,530	0.327	31.219	0.371	35.394
6	47	27,836	0.325	9.044	0.363	10.091
7	45	6,721	0.329	2.210	0.357	2.402
8	44	10,693	0.331	3.537	0.356	3.801
9	48	16,954	0.324	5.490	0.365	6.195
			Total for Wiscasset:	**51.500**		**57.883**
			Total for Lincoln County:	**397.265 kg**		**441.040 kg**

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	794	0.345	0.274	0.370	0.293
8	47	2,001	0.349	0.698	0.365	0.729
9	49	12,296	0.345	4.241	0.370	4.543
			Total for Islesboro:	**5.213**		**5.566**
			Total for Waldo County:	**5.213 kg**		**5.566 kg**
			2025 MidCoast, Maine Ozone Maintenance Area:	**1,279.615 kg**		**1,347.955 kg**
				1.410 tons		**1.485 tons**

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2030 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	310	0.317	0.098	0.307	0.095
7	45	64,220	0.317	20.358	0.307	19.690
8	46	18,807	0.316	5.941	0.309	5.804
9	46	24,659	0.316	7.790	0.309	7.610
			Total for Durham:	**34.187**		**33.198**
		Total for Androscoggin County:		**34.187 kg**		**33.198 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	173,583	0.211	36.591	0.225	39.004
7	42	41,284	0.222	9.149	0.171	7.076
9	44	62,582	0.219	13.687	0.173	10.852
12	46	241,485	0.217	52.354	0.180	43.347
14	27	60,826	0.257	15.614	0.172	10.486
16	26	68,320	0.261	17.811	0.174	11.915
17	27	152,013	0.257	39.022	0.172	26.207
19	31	46,346	0.244	11.290	0.168	7.800
			Total for Brunswick:	**195.517**		**156.687**

Cape Elizabeth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	72,282	0.257	18.555	0.172	12.461
19	31	29,077	0.244	7.083	0.168	4.894
			Total for Cape Elizabeth:	**25.638**		**17.355**

Casco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	69,666	0.227	15.793	0.170	11.864
6	41	36,270	0.223	8.077	0.170	6.177
8	41	22,376	0.223	4.983	0.170	3.811
9	44	21,763	0.219	4.759	0.173	3.774
			Total for Casco:	**33.613**		**25.625**

Cumberland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	173,700	0.211	36.616	0.225	39.030
6	41	19,972	0.223	4.448	0.170	3.401
7	42	23,190	0.222	5.139	0.171	3.975
8	41	14,908	0.223	3.320	0.170	2.539
9	44	18,666	0.219	4.082	0.173	3.237
11	58	63,644	0.211	13.416	0.214	13.594
17	27	64,094	0.257	16.453	0.172	11.050
19	31	15,552	0.244	3.789	0.168	2.617
			Total for Cumberland:	**87.263**		**79.444**

HPMS Functional Class Codes:
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05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	263,767	0.211	55.602	0.225	59.268
6	41	27,826	0.223	6.197	0.170	4.739
7	42	66,835	0.222	14.811	0.171	11.456
8	41	14,068	0.223	3.133	0.170	2.396
9	44	29,021	0.219	6.347	0.173	5.032
11	58	212,230	0.211	44.738	0.214	45.332
14	27	9,893	0.257	2.540	0.172	1.706
16	26	28,833	0.261	7.517	0.174	5.028
17	27	143,410	0.257	36.813	0.172	24.724
19	31	15,292	0.244	3.725	0.168	2.574
			Total for Falmouth:	**181.422**		**162.255**

Freeport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	320,731	0.211	67.610	0.225	72.068
7	42	42,079	0.222	9.325	0.171	7.212
8	41	29,440	0.223	6.556	0.170	5.014
9	44	35,775	0.219	7.824	0.173	6.203
11	58	82,820	0.211	17.459	0.214	17.690
17	27	96,232	0.257	24.703	0.172	16.590
19	31	16,367	0.244	3.987	0.168	2.755
			Total for Freeport:	**137.463**		**127.533**

Frye Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.219	0.000	0.173	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	8,657	0.227	1.963	0.170	1.474
6	41	83,851	0.223	18.674	0.170	14.280
7	42	73,227	0.222	16.227	0.171	12.551
8	41	4,771	0.223	1.062	0.170	0.812
9	44	49,160	0.219	10.751	0.173	8.524
14	27	65,859	0.257	16.906	0.172	11.354
16	26	117,049	0.261	30.515	0.174	20.413
17	27	89,969	0.257	23.095	0.172	15.511
19	31	32,043	0.244	7.806	0.168	5.393
			Total for Gorham:	**126.999**		**90.313**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	252,923	0.211	53.316	0.225	56.832
2	39	71,133	0.227	16.126	0.170	12.114
6	41	146,185	0.223	32.555	0.170	24.895
7	42	29,736	0.222	6.590	0.171	5.097
8	41	15,298	0.223	3.407	0.170	2.605
9	44	48,699	0.219	10.650	0.173	8.444
			Total for Gray:	**122.644**		**109.988**

Harpswell

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	92,742	0.222	20.552	0.171	15.896
8	41	12,148	0.223	2.705	0.170	2.069
9	44	9,357	0.219	2.046	0.173	1.622
			Total for Harpswell:	**25.303**		**19.587**

Long Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.219	0.000	0.173	0.000
19	31	196	0.244	0.048	0.168	0.033
			Total for Long Island:	**0.048**		**0.033**

New Gloucester

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	170,111	0.211	35.859	0.225	38.224
2	39	26,910	0.227	6.101	0.170	4.583
6	41	77,372	0.223	17.231	0.170	13.177
7	42	28,250	0.222	6.260	0.171	4.842
8	41	2,979	0.223	0.663	0.170	0.507
9	44	48,064	0.219	10.512	0.173	8.334
			Total for New Gloucester:	**76.626**		**69.667**

North Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	39,714	0.222	8.801	0.171	6.807
8	41	9,443	0.223	2.103	0.170	1.608
9	44	15,195	0.219	3.323	0.173	2.635
17	27	16,057	0.257	4.122	0.172	2.768
19	31	1,810	0.244	0.441	0.168	0.305
			Total for North Yarmouth:	**18.790**		**14.123**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

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Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	630,261	0.211	132.859	0.214	134.624
12	46	40,669	0.217	8.817	0.180	7.300
14	27	518,336	0.257	133.057	0.172	89.361
16	26	193,946	0.261	50.562	0.174	33.824
17	27	199,572	0.257	51.230	0.172	34.406
19	31	123,448	0.244	30.072	0.168	20.776
			Total for Portland:	**406.597**		**320.292**

Pownal

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	25,796	0.222	5.716	0.171	4.421
9	44	18,017	0.219	3.940	0.173	3.124
			Total for Pownal:	**9.657**		**7.546**

Raymond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	76,541	0.227	17.352	0.170	13.035
8	41	61,419	0.223	13.678	0.170	10.460
9	44	36,585	0.219	8.001	0.173	6.344
			Total for Raymond:	**39.031**		**29.838**

Scarborough

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	417,765	0.211	88.065	0.225	93.872
7	42	13,158	0.222	2.916	0.171	2.255
8	41	55,961	0.223	12.463	0.170	9.530
9	44	39,083	0.219	8.548	0.173	6.777
11	58	66,568	0.211	14.033	0.214	14.219
12	46	26,172	0.217	5.674	0.180	4.698
16	26	314,961	0.261	82.110	0.174	54.929
17	27	225,924	0.257	57.995	0.172	38.949
19	31	59,142	0.244	14.407	0.168	9.954
			Total for Scarborough:	**286.210**		**235.183**

South Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	253,464	0.211	53.430	0.214	54.140
12	46	87,971	0.217	19.072	0.180	15.791
14	27	42,669	0.257	10.953	0.172	7.356
16	26	216,203	0.261	56.364	0.174	37.706
17	27	131,214	0.257	33.683	0.172	22.621
19	31	78,167	0.244	19.041	0.168	13.155
			Total for South Portland:	**192.544**		**150.769**

HPMS Functional Class Codes:
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05 Cumberland County

Standish

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	41	83,371	0.223	18.567	0.170	14.198
7	42	214,939	0.222	47.631	0.171	36.841
9	44	58,460	0.219	12.785	0.173	10.137
			Total for Standish:	**78.983**		**61.176**

Westbrook

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	237	0.219	0.052	0.173	0.041
12	46	31,217	0.217	6.768	0.180	5.603
14	27	113,965	0.257	29.255	0.172	19.648
16	26	140,918	0.261	36.737	0.174	24.576
17	27	117,714	0.257	30.217	0.172	20.294
19	31	55,088	0.244	13.419	0.168	9.271
19	31	535	0.244	0.130	0.168	0.090
			Total for Westbrook:	**116.579**		**79.523**

Windham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	185,326	0.227	42.013	0.170	31.561
6	41	89,726	0.223	19.982	0.170	15.280
7	42	58,638	0.222	12.994	0.171	10.051
8	41	33,445	0.223	7.448	0.170	5.696
9	44	56,951	0.219	12.455	0.173	9.875
14	27	41,650	0.257	10.692	0.172	7.180
16	26	11,417	0.261	2.976	0.174	1.991
17	27	54,193	0.257	13.911	0.172	9.343
19	31	14,319	0.244	3.488	0.168	2.410
			Total for Windham:	**125.960**		**93.387**

Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	3,229	0.219	0.706	0.173	0.560
11	58	148,137	0.211	31.227	0.214	31.642
17	27	107,340	0.257	27.554	0.172	18.505
19	31	43,275	0.244	10.542	0.168	7.283
			Total for Yarmouth:	**70.030**		**57.991**
		Total for Cumberland County:		**2,356.914 kg**		**1,908.314 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	19,419	0.314	6.096	0.311	6.032
9	47	1,846	0.314	0.580	0.311	0.573
			Total for Arrowsic:	**6.675**		**6.605**

HPMS Functional Class Codes:
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23 Sagadahoc County

Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	846	0.314	0.265	0.311	0.263
8	45	2,638	0.317	0.836	0.307	0.809
9	47	8,508	0.314	2.671	0.311	2.642
12	44	38,574	0.321	12.378	0.310	11.942
14	30	5,491	0.358	1.965	0.301	1.650
16	23	3,089	0.396	1.223	0.320	0.987
17	26	61,999	0.377	23.374	0.310	19.195
19	29	25,260	0.362	9.144	0.303	7.641
			Total for Bath:	**51.857**		**45.130**

Bowdoin

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	13,261	0.301	3.992	0.364	4.826
7	47	41,431	0.314	13.005	0.311	12.869
8	45	17,717	0.317	5.616	0.307	5.432
9	47	12,969	0.314	4.071	0.311	4.028
			Total for Bowdoin:	**26.684**		**27.155**

Bowdoinham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	209,389	0.301	63.026	0.364	76.197
7	47	30,224	0.314	9.487	0.311	9.387
8	45	2,902	0.317	0.920	0.307	0.890
9	47	9,098	0.314	2.856	0.311	2.826
			Total for Bowdoinham:	**76.289**		**89.300**

Georgetown

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	15,521	0.314	4.872	0.311	4.821
9	47	8,531	0.314	2.678	0.311	2.650
			Total for Georgetown:	**7.550**		**7.471**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	42	0.314	0.013	0.311	0.013
			Total for Perkins Twp Swan Island:	**0.013**		**0.013**

Phippsburg

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	37,039	0.314	11.627	0.311	11.504
8	45	10,417	0.317	3.302	0.307	3.194
9	47	16,085	0.314	5.049	0.311	4.996
			Total for Phippsburg:	**19.978**		**19.694**

HPMS Functional Class Codes:
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23 Sagadahoc County

Richmond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	141,733	0.301	42.662	0.364	51.577
7	47	54,735	0.314	17.181	0.311	17.001
8	45	5,591	0.317	1.772	0.307	1.714
9	47	9,721	0.314	3.051	0.311	3.019
			Total for Richmond:	**64.667**		**73.311**

Topsham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	156,179	0.301	47.010	0.364	56.834
2	45	96,357	0.319	30.728	0.312	30.025
7	47	29,034	0.314	9.114	0.311	9.018
8	45	15,784	0.317	5.003	0.307	4.839
9	47	12,264	0.314	3.850	0.311	3.809
14	30	62,510	0.358	22.372	0.301	18.784
16	23	20,978	0.396	8.307	0.320	6.704
17	26	31,413	0.377	11.843	0.310	9.726
19	29	22,016	0.362	7.970	0.303	6.660
			Total for Topsham:	**146.197**		**146.399**

West Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	68,171	0.319	21.740	0.312	21.242
7	47	25,648	0.314	8.051	0.311	7.966
8	45	12,131	0.317	3.845	0.307	3.719
9	47	15,752	0.314	4.944	0.311	4.892
			Total for West Bath:	**38.581**		**37.820**

Woolwich

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	132,802	0.319	42.350	0.312	41.381
7	47	1,283	0.314	0.403	0.311	0.399
8	45	33,845	0.317	10.729	0.307	10.377
9	47	13,346	0.314	4.189	0.311	4.145
			Total for Woolwich:	**57.672**		**56.302**
		Total for Sagadahoc County:		**496.163 kg**		**509.199 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	95,072	0.321	30.509	0.310	29.434
6	38	24,427	0.332	8.107	0.298	7.289
8	40	525	0.327	0.172	0.300	0.157
9	43	32,560	0.321	10.449	0.305	9.915
			Total for Alfred:	**49.236**		**46.795**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

31 York County

Arundel

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	230,556	0.301	69.397	0.364	83.899
2	44	66,695	0.321	21.402	0.310	20.649
6	38	64,602	0.332	21.442	0.298	19.277
7	39	21,438	0.329	7.051	0.299	6.419
9	43	59,636	0.321	19.137	0.305	18.159
			Total for Arundel:	**138.430**		**148.403**

Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	67,452	0.332	22.387	0.298	20.128
8	40	9,604	0.327	3.140	0.300	2.876
9	43	31,271	0.321	10.035	0.305	9.522
14	29	2,788	0.362	1.009	0.303	0.843
16	29	29,987	0.362	10.855	0.303	9.071
17	27	14,955	0.372	5.562	0.308	4.599
19	32	32,851	0.350	11.495	0.299	9.806
			Total for Berwick:	**64.483**		**56.845**

Biddeford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	182,772	0.301	55.014	0.364	66.511
2	44	38,271	0.321	12.281	0.310	11.849
6	38	49,681	0.332	16.489	0.298	14.825
7	39	18,525	0.329	6.093	0.299	5.546
8	40	34,994	0.327	11.440	0.300	10.481
9	43	27,338	0.321	8.773	0.305	8.324
16	29	60,316	0.362	21.834	0.303	18.246
17	27	122,216	0.372	45.452	0.308	37.581
19	32	33,042	0.350	11.561	0.299	9.863
			Total for Biddeford:	**188.937**		**183.226**

Buxton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	44,043	0.321	14.133	0.310	13.636
7	39	38,515	0.329	12.668	0.299	11.531
8	40	87,301	0.327	28.539	0.300	26.147
9	43	46,312	0.321	14.861	0.305	14.102
			Total for Buxton:	**70.201**		**65.416**

Dayton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	55,519	0.329	18.260	0.299	16.622
8	40	2,729	0.327	0.892	0.300	0.817
9	43	12,588	0.321	4.040	0.305	3.833
			Total for Dayton:	**23.192**		**21.273**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Eliot

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	0	0.329	0.000	0.299	0.000
8	40	2,082	0.327	0.681	0.300	0.624
9	43	3,464	0.321	1.112	0.305	1.055
16	29	99,937	0.362	36.177	0.303	30.231
17	27	41,042	0.372	15.264	0.308	12.620
19	32	16,274	0.350	5.694	0.299	4.858
			Total for Eliot:	**58.927**		**49.388**

Hollis

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	45,612	0.321	14.637	0.310	14.122
7	39	70,794	0.329	23.284	0.299	21.196
8	40	24,627	0.327	8.050	0.300	7.376
9	43	28,204	0.321	9.051	0.305	8.588
			Total for Hollis:	**55.022**		**51.281**

Kennebunk

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	265,541	0.301	79.928	0.364	96.630
6	38	46,600	0.332	15.466	0.298	13.905
7	39	142,458	0.329	46.855	0.299	42.652
8	40	51,192	0.327	16.735	0.300	15.332
9	43	51,744	0.321	16.605	0.305	15.756
19	32	0	0.350	0.000	0.299	0.000
			Total for Kennebunk:	**175.588**		**184.276**

Kennebunkport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	43,355	0.329	14.260	0.299	12.981
9	43	53,934	0.321	17.307	0.305	16.423
			Total for Kennebunkport:	**31.567**		**29.403**

Kittery

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	140,511	0.301	42.294	0.364	51.132
6	38	14,669	0.332	4.869	0.298	4.377
7	39	3,328	0.329	1.095	0.299	0.996
8	40	4,478	0.327	1.464	0.300	1.341
9	43	10,426	0.321	3.346	0.305	3.175
11	58	156,474	0.302	47.271	0.352	55.032
12	38	18,871	0.333	6.282	0.302	5.690
14	29	33,771	0.362	12.225	0.303	10.216
16	29	93,739	0.362	33.934	0.303	28.356
17	27	42,639	0.372	15.857	0.308	13.111
19	32	16,203	0.350	5.670	0.299	4.837
			Total for Kittery:	**174.305**		**178.263**

HPMS Functional Class Codes:
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Limington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	45,838	0.332	15.214	0.298	13.678
7	39	34,021	0.329	11.190	0.299	10.186
8	40	4,186	0.327	1.368	0.300	1.254
9	43	18,955	0.321	6.083	0.305	5.772
			Total for Limington:	**33.854**		**30.890**

Lyman

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	88,613	0.321	28.436	0.310	27.435
7	39	24,210	0.329	7.963	0.299	7.249
8	40	26,429	0.327	8.640	0.300	7.916
9	43	26,440	0.321	8.484	0.305	8.051
			Total for Lyman:	**53.523**		**50.650**

North Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	99,996	0.332	33.189	0.298	29.839
8	40	4,967	0.327	1.624	0.300	1.488
9	43	47,497	0.321	15.242	0.305	14.463
			Total for North Berwick:	**50.054**		**45.789**

Ogunquit

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	81,717	0.301	24.597	0.364	29.737
6	38	47,150	0.332	15.649	0.298	14.069
7	39	10,608	0.329	3.489	0.299	3.176
9	43	14,513	0.321	4.657	0.305	4.419
			Total for Ogunquit:	**48.392**		**51.401**

Old Orchard Beach

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	797	0.333	0.265	0.302	0.240
17	27	96,266	0.372	35.801	0.308	29.602
19	32	36,749	0.350	12.858	0.299	10.970
			Total for Old Orchard Beach:	**48.925**		**40.812**

HPMS Functional Class Codes:
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Saco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	370,719	0.301	111.586	0.364	134.905
6	38	51,948	0.332	17.241	0.298	15.501
7	39	65,026	0.329	21.387	0.299	19.469
8	40	4,393	0.327	1.436	0.300	1.316
9	43	36,692	0.321	11.775	0.305	11.173
11	58	192,930	0.302	58.284	0.352	67.854
12	38	11,970	0.333	3.985	0.302	3.609
16	29	72,781	0.362	26.347	0.303	22.016
17	27	140,553	0.372	52.272	0.308	43.220
19	32	36,325	0.350	12.710	0.299	10.843
			Total for Saco:	**317.023**		**329.905**

Sanford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	38,044	0.321	12.208	0.310	11.778
6	38	64,717	0.332	21.479	0.298	19.311
7	39	29,462	0.329	9.690	0.299	8.821
8	40	13,330	0.327	4.358	0.300	3.992
9	43	46,451	0.321	14.906	0.305	14.144
14	29	146,570	0.362	53.058	0.303	44.337
16	29	51,535	0.362	18.656	0.303	15.589
17	27	86,598	0.372	32.206	0.308	26.629
19	32	52,208	0.350	18.268	0.299	15.584
			Total for Sanford:	**184.829**		**160.187**

South Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	27,930	0.332	9.270	0.298	8.334
7	39	10,357	0.329	3.407	0.299	3.101
9	43	22,579	0.321	7.246	0.305	6.875
16	29	68,554	0.362	24.817	0.303	20.738
17	27	6,822	0.372	2.537	0.308	2.098
19	32	29,586	0.350	10.352	0.299	8.832
			Total for South Berwick:	**57.628**		**49.977**

Wells

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	509,446	0.301	153.343	0.364	185.388
2	44	60,382	0.321	19.376	0.310	18.694
6	38	207,767	0.332	68.958	0.298	61.998
7	39	16,316	0.329	5.366	0.299	4.885
8	40	29,630	0.327	9.686	0.300	8.874
9	43	84,597	0.321	27.147	0.305	25.760
			Total for Wells:	**283.877**		**305.598**

HPMS Functional Class Codes:
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York

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	577,424	0.301	173.805	0.364	210.125
6	38	177,854	0.332	59.030	0.298	53.072
7	39	120,191	0.329	39.531	0.299	35.985
8	40	44,745	0.327	14.627	0.300	13.401
9	43	92,818	0.321	29.785	0.305	28.263
			Total for York:	**316.778**		**340.846**
			Total for York County:	**2,424.773 kg**		**2,420.625 kg**
		2030 Portland, Maine Ozone Maintenance Area:		**5,312.037 kg**		**4,871.336 kg**
				5.854 tons		**5.368 tons**

HPMS Functional Class Codes:
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2030 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	136,669	0.345	47.151	0.307	41.889
7	42	116,961	0.347	40.586	0.305	35.626
8	44	760	0.343	0.261	0.308	0.234
9	47	96,163	0.336	32.311	0.313	30.060
			Total for Bar Harbor:	**120.307**		**107.809**

Blue Hill

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	65,348	0.347	22.676	0.305	19.905
8	44	50,263	0.343	17.240	0.308	15.461
9	47	17,193	0.336	5.777	0.313	5.375
			Total for Blue Hill:	**45.693**		**40.741**

Brooklin

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	13,959	0.343	4.788	0.308	4.294
9	47	6,620	0.336	2.224	0.313	2.069
			Total for Brooklin:	**7.012**		**6.363**

Brooksville

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,130	0.347	0.392	0.305	0.344
8	44	13,871	0.343	4.758	0.308	4.267
9	47	10,461	0.336	3.515	0.313	3.270
			Total for Brooksville:	**8.665**		**7.881**

Cranberry Isles

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	323	0.336	0.108	0.313	0.101
			Total for Cranberry Isles:	**0.108**		**0.101**

Deer Isle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	35,383	0.347	12.278	0.305	10.778
8	44	8,761	0.343	3.005	0.308	2.695
9	47	17,492	0.336	5.877	0.313	5.468
			Total for Deer Isle:	**21.160**		**18.940**

Frenchboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.343	0.000	0.308	0.000
9	47	0	0.336	0.000	0.313	0.000
			Total for Frenchboro:	**0.000**		**0.000**

HPMS Functional Class Codes:
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09 Hancock County

Gouldsboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	40,440	0.345	13.952	0.307	12.395
7	42	22,685	0.347	7.872	0.305	6.910
8	44	11,229	0.343	3.852	0.308	3.454
9	47	4,865	0.336	1.635	0.313	1.521
			Total for Gouldsboro:	**27.310**		**24.280**

Hancock

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	105,481	0.345	36.391	0.307	32.330
7	42	23,405	0.347	8.121	0.305	7.129
8	44	3,147	0.343	1.079	0.308	0.968
9	47	12,560	0.336	4.220	0.313	3.926
			Total for Hancock:	**49.812**		**44.353**

Lamoine

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,639	0.347	7.162	0.305	6.287
8	44	12,362	0.343	4.240	0.308	3.803
9	47	6,732	0.336	2.262	0.313	2.105
			Total for Lamoine:	**13.664**		**12.194**

Mount Desert

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	131,532	0.347	45.641	0.305	40.065
8	44	9,530	0.343	3.269	0.308	2.931
9	47	42,858	0.336	14.400	0.313	13.398
			Total for Mount Desert:	**63.311**		**56.393**

Sedgwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	33,682	0.347	11.688	0.305	10.260
8	44	17,264	0.343	5.922	0.308	5.310
9	47	3,455	0.336	1.161	0.313	1.080
			Total for Sedgwick:	**18.770**		**16.650**

Sorrento

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	2,168	0.343	0.744	0.308	0.667
9	47	2,543	0.336	0.854	0.313	0.795
			Total for Sorrento:	**1.598**		**1.462**

Southwest Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	49,548	0.347	17.193	0.305	15.092
8	44	14,125	0.343	4.845	0.308	4.345
9	47	10,703	0.336	3.596	0.313	3.346
			Total for Southwest Harbor:	**25.634**		**22.783**

HPMS Functional Class Codes:
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Stonington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,775	0.347	2.698	0.305	2.368
8	44	6,027	0.343	2.067	0.308	1.854
9	47	10,352	0.336	3.478	0.313	3.236
			Total for Stonington:	**8.243**		**7.458**

Sullivan

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	52,883	0.345	18.245	0.307	16.209
7	42	2,719	0.347	0.944	0.305	0.828
8	44	4,067	0.343	1.395	0.308	1.251
9	47	4,536	0.336	1.524	0.313	1.418
			Total for Sullivan:	**22.107**		**19.706**

Surry

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	39,574	0.347	13.732	0.305	12.054
8	44	11,369	0.343	3.900	0.308	3.497
9	47	7,859	0.336	2.641	0.313	2.457
			Total for Surry:	**20.272**		**18.008**

Swans Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,101	0.347	0.382	0.305	0.335
8	44	0	0.343	0.000	0.308	0.000
9	47	1,339	0.336	0.450	0.313	0.418
			Total for Swans Island:	**0.832**		**0.754**

Tremont

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,901	0.347	1.701	0.305	1.493
8	44	20,739	0.343	7.113	0.308	6.379
9	47	8,438	0.336	2.835	0.313	2.638
			Total for Tremont:	**11.649**		**10.510**

Trenton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	133,548	0.345	46.074	0.307	40.933
7	42	4,222	0.347	1.465	0.305	1.286
8	44	15,166	0.343	5.202	0.308	4.665
9	47	4,117	0.336	1.383	0.313	1.287
			Total for Trenton:	**54.124**		**48.170**

Winter Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	6,729	0.347	2.335	0.305	2.050
8	44	679	0.343	0.233	0.308	0.209
9	47	6,591	0.336	2.215	0.313	2.060
			Total for Winter Harbor:	**4.782**		**4.319**
			Total for Hancock County:	**525.056 kg**		**468.876 kg**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Camden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	52,247	0.325	16.975	0.307	16.014
7	44	14,426	0.319	4.601	0.306	4.407
8	44	26,919	0.319	8.584	0.306	8.224
9	47	31,806	0.314	9.984	0.311	9.879
			Total for Camden:	**40.144**		**38.523**

Cushing

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,665	0.319	2.444	0.306	2.342
8	44	21,332	0.319	6.803	0.306	6.517
9	47	1,554	0.314	0.488	0.311	0.483
			Total for Cushing:	**9.735**		**9.341**

Friendship

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	11,946	0.319	3.809	0.306	3.649
8	44	1,258	0.319	0.401	0.306	0.384
9	47	3,888	0.314	1.220	0.311	1.208
			Total for Friendship:	**5.431**		**5.241**

Isle Au Haut

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	1,645	0.314	0.516	0.311	0.511
			Total for Isle Au Haut:	**0.516**		**0.511**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.319	0.000	0.306	0.000
9	47	94	0.314	0.030	0.311	0.029
			Total for Matinicus Isle Plt:	**0.030**		**0.029**

North Haven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,587	0.319	1.144	0.306	1.096
8	44	1,099	0.319	0.350	0.306	0.336
9	47	9,563	0.314	3.002	0.311	2.970
			Total for North Haven:	**4.496**		**4.402**

Owls Head

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	13,940	0.319	4.446	0.306	4.259
8	44	11,599	0.319	3.699	0.306	3.544
9	47	3,180	0.314	0.998	0.311	0.988
			Total for Owls Head:	**9.143**		**8.790**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Rockland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	50	18,429	0.309	5.695	0.316	5.818
7	44	8,104	0.319	2.584	0.306	2.476
8	44	0	0.319	0.000	0.306	0.000
9	47	3,844	0.314	1.207	0.311	1.194
14	24	60,366	0.389	23.482	0.316	19.058
16	26	22,870	0.377	8.622	0.310	7.081
17	25	37,369	0.382	14.275	0.313	11.681
19	29	20,107	0.362	7.279	0.303	6.082
			Total for Rockland:	**63.144**		**53.390**

Rockport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	92,814	0.325	30.155	0.307	28.448
6	50	99,951	0.309	30.885	0.316	31.555
7	44	6,140	0.319	1.958	0.306	1.876
8	44	9,389	0.319	2.994	0.306	2.868
9	47	40,183	0.314	12.614	0.311	12.481
			Total for Rockport:	**78.606**		**77.227**

Saint George

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	44,838	0.319	14.299	0.306	13.698
9	47	12,382	0.314	3.887	0.311	3.846
			Total for Saint George:	**18.186**		**17.544**

South Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	39,831	0.319	12.702	0.306	12.168
8	44	5,496	0.319	1.753	0.306	1.679
9	47	7,533	0.314	2.365	0.311	2.340
			Total for South Thomaston:	**16.819**		**16.187**

Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	71,277	0.325	23.158	0.307	21.846
7	44	16,839	0.319	5.370	0.306	5.144
8	44	6,718	0.319	2.142	0.306	2.052
9	47	14,083	0.314	4.421	0.311	4.374
			Total for Thomaston:	**35.091**		**33.417**

Vinalhaven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,224	0.319	1.028	0.306	0.985
8	44	0	0.319	0.000	0.306	0.000
9	47	2,512	0.314	0.788	0.311	0.780
			Total for Vinalhaven:	**1.817**		**1.765**

2030 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	66,754	0.325	21.688	0.307	20.460
6	50	46,975	0.309	14.515	0.316	14.830
7	44	21,135	0.319	6.740	0.306	6.457
8	44	6,536	0.319	2.084	0.306	1.997
9	47	26,095	0.314	8.191	0.311	8.105
			Total for Warren:	**53.219**		**51.849**
			Total for Knox County:	**336.376 kg**		**318.217 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,439	0.317	3.943	0.307	3.814
8	44	6,273	0.319	2.001	0.306	1.917
9	48	2,775	0.312	0.866	0.313	0.867
			Total for Alna:	**6.809**		**6.598**

Boothbay

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	60,995	0.314	19.146	0.311	18.945
7	45	5,655	0.317	1.793	0.307	1.734
8	44	24,012	0.319	7.658	0.306	7.336
9	48	25,886	0.312	8.076	0.313	8.092
			Total for Boothbay:	**36.673**		**36.106**

Boothbay Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	22,096	0.314	6.936	0.311	6.863
7	45	18,287	0.317	5.797	0.307	5.607
8	44	11,827	0.319	3.772	0.306	3.613
9	48	14,013	0.312	4.372	0.313	4.380
			Total for Boothbay Harbor:	**20.877**		**20.463**

Bremen

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,393	0.317	2.977	0.307	2.880
8	44	4,134	0.319	1.318	0.306	1.263
9	48	3,412	0.312	1.065	0.313	1.067
			Total for Bremen:	**5.360**		**5.209**

Bristol

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	72,971	0.317	23.132	0.307	22.373
8	44	13,323	0.319	4.249	0.306	4.070
9	48	15,861	0.312	4.949	0.313	4.958
			Total for Bristol:	**32.329**		**31.401**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2030 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	25,133	0.315	7.917	0.316	7.932
7	45	46,352	0.317	14.693	0.307	14.211
8	44	18,585	0.319	5.927	0.306	5.678
9	48	9,561	0.312	2.983	0.313	2.989
			Total for Damariscotta:	**31.520**		**30.810**

Dresden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	20,689	0.314	6.494	0.311	6.426
7	45	10,661	0.317	3.380	0.307	3.269
8	44	21,526	0.319	6.865	0.306	6.576
9	48	6,065	0.312	1.892	0.313	1.896
			Total for Dresden:	**18.631**		**18.167**

Edgecomb

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	47,591	0.315	14.991	0.316	15.020
6	47	47,655	0.314	14.959	0.311	14.802
7	45	465	0.317	0.147	0.307	0.142
8	44	9,655	0.319	3.079	0.306	2.950
9	48	5,648	0.312	1.762	0.313	1.765
			Total for Edgecomb:	**34.939**		**34.679**

Monhegan Island Plt

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	48	21	0.312	0.006	0.313	0.006
			Total for Monhegan Island Plt:	**0.006**		**0.006**

Newcastle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	87,372	0.315	27.522	0.316	27.574
7	45	20,924	0.317	6.633	0.307	6.415
8	44	20,841	0.319	6.646	0.306	6.367
9	48	8,971	0.312	2.799	0.313	2.804
			Total for Newcastle:	**43.600**		**43.161**

Nobleboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	56,738	0.315	17.872	0.316	17.906
7	45	670	0.317	0.213	0.307	0.206
8	44	11,687	0.319	3.727	0.306	3.570
9	48	13,286	0.312	4.145	0.313	4.153
			Total for Nobleboro:	**25.957**		**25.835**

HPMS Functional Class Codes:
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2030 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	26,562	0.317	8.420	0.307	8.144
8	44	1,214	0.319	0.387	0.306	0.371
9	48	4,305	0.312	1.343	0.313	1.346
			Total for South Bristol:	**10.151**		**9.861**

Southport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	702	0.317	0.222	0.307	0.215
8	44	10,613	0.319	3.385	0.306	3.242
9	48	1,608	0.312	0.502	0.313	0.503
			Total for Southport:	**4.109**		**3.960**

Waldoboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	98,918	0.315	31.159	0.316	31.218
7	45	62,783	0.317	19.902	0.307	19.249
8	44	13,942	0.319	4.446	0.306	4.259
9	48	24,507	0.312	7.646	0.313	7.661
			Total for Waldoboro:	**63.154**		**62.388**

Westport Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	6,628	0.319	2.114	0.306	2.025
9	48	3,928	0.312	1.225	0.313	1.228
			Total for Westport Island:	**3.339**		**3.253**

Wiscasset

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	96,691	0.315	30.458	0.316	30.516
6	47	28,175	0.314	8.844	0.311	8.751
7	45	6,803	0.317	2.156	0.307	2.086
8	44	10,823	0.319	3.452	0.306	3.307
9	48	17,160	0.312	5.354	0.313	5.364
			Total for Wiscasset:	**50.264**		**50.023**
			Total for Lincoln County:	**387.717 kg**		**381.921 kg**

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	816	0.333	0.272	0.317	0.258
8	47	2,056	0.336	0.691	0.313	0.643
9	49	12,632	0.333	4.206	0.317	3.999
			Total for Islesboro:	**5.169**		**4.900**
			Total for Waldo County:	**5.169 kg**		**4.900 kg**

2030 MidCoast, Maine Ozone Maintenance Area:	**1,254.317 kg**	**1,173.914 kg**
	1.382 tons	**1.294 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	316	0.315	0.100	0.293	0.093
7	45	65,447	0.315	20.609	0.293	19.156
8	46	19,166	0.313	5.999	0.295	5.646
9	46	25,130	0.313	7.866	0.295	7.403
			Total for Durham:	**34.574**		**32.299**
		Total for Androscoggin County:		**34.574 kg**		**32.299 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	176,955	0.209	36.948	0.204	36.046
7	42	42,087	0.220	9.242	0.158	6.667
9	44	63,798	0.217	13.825	0.160	10.233
12	46	246,176	0.216	53.100	0.166	40.742
14	27	62,008	0.255	15.787	0.160	9.946
16	26	69,648	0.259	18.018	0.161	11.241
17	27	154,966	0.255	39.454	0.160	24.857
19	31	47,246	0.242	11.415	0.155	7.342
			Total for Brunswick:	**197.790**		**147.073**

Cape Elizabeth

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	74,600	0.255	18.993	0.160	11.966
19	31	30,469	0.242	7.361	0.155	4.735
			Total for Cape Elizabeth:	**26.354**		**16.701**

Casco

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	71,019	0.225	15.958	0.157	11.178
6	41	36,974	0.221	8.160	0.157	5.820
8	41	22,810	0.221	5.034	0.157	3.590
9	44	22,185	0.217	4.808	0.160	3.559
			Total for Casco:	**33.960**		**24.147**

Cumberland

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	177,074	0.209	36.973	0.204	36.070
6	41	20,360	0.221	4.494	0.157	3.205
7	42	23,641	0.220	5.192	0.158	3.745
8	41	15,198	0.221	3.354	0.157	2.392
9	44	19,029	0.217	4.124	0.160	3.052
11	58	64,908	0.209	13.553	0.194	12.573
17	27	67,485	0.255	17.182	0.160	10.825
19	31	16,129	0.242	3.897	0.155	2.506
			Total for Cumberland:	**88.767**		**74.368**

HPMS Functional Class Codes:
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2035 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	268,891	0.209	56.144	0.204	54.773
6	41	28,366	0.221	6.260	0.157	4.465
7	42	68,134	0.220	14.962	0.158	10.792
8	41	14,341	0.221	3.165	0.157	2.257
9	44	29,585	0.217	6.411	0.160	4.745
11	58	218,061	0.209	45.531	0.194	42.238
14	27	10,085	0.255	2.568	0.160	1.618
16	26	29,720	0.259	7.688	0.161	4.797
17	27	151,317	0.255	38.525	0.160	24.271
19	31	16,360	0.242	3.952	0.155	2.542
			Total for Falmouth:	**185.208**		**152.500**

Freeport

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	326,961	0.209	68.270	0.204	66.602
7	42	42,896	0.220	9.420	0.158	6.795
8	41	30,012	0.221	6.624	0.157	4.724
9	44	36,470	0.217	7.903	0.160	5.850
11	58	84,548	0.209	17.654	0.194	16.377
17	27	100,098	0.255	25.485	0.160	16.056
19	31	17,312	0.242	4.182	0.155	2.690
			Total for Freeport:	**139.537**		**119.093**

Frye Island

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.217	0.000	0.160	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	8,825	0.225	1.983	0.157	1.389
6	41	85,480	0.221	18.866	0.157	13.455
7	42	74,650	0.220	16.393	0.158	11.825
8	41	4,863	0.221	1.073	0.157	0.765
9	44	50,115	0.217	10.860	0.160	8.038
14	27	67,139	0.255	17.094	0.160	10.769
16	26	122,160	0.259	31.603	0.161	19.717
17	27	93,464	0.255	23.796	0.160	14.992
19	31	33,353	0.242	8.058	0.155	5.183
			Total for Gorham:	**129.725**		**86.132**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	257,837	0.209	53.836	0.204	52.521
2	39	72,515	0.225	16.294	0.157	11.414
6	41	149,025	0.221	32.890	0.157	23.457
7	42	30,314	0.220	6.657	0.158	4.802
8	41	15,595	0.221	3.442	0.157	2.455
9	44	49,645	0.217	10.758	0.160	7.963
			Total for Gray:	**123.877**		**102.611**

Harpswell

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	94,544	0.220	20.762	0.158	14.976
8	41	12,384	0.221	2.733	0.157	1.949
9	44	9,538	0.217	2.067	0.160	1.530
			Total for Harpswell:	**25.562**		**18.455**

Long Island

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	0	0.217	0.000	0.160	0.000
19	31	199	0.242	0.048	0.155	0.031
			Total for Long Island:	**0.048**		**0.031**

New Gloucester

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	173,415	0.209	36.209	0.204	35.325
2	39	27,433	0.225	6.164	0.157	4.318
6	41	78,876	0.221	17.408	0.157	12.415
7	42	28,798	0.220	6.324	0.158	4.562
8	41	3,037	0.221	0.670	0.157	0.478
9	44	48,997	0.217	10.618	0.160	7.859
			Total for New Gloucester:	**77.393**		**64.957**

North Yarmouth

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	40,486	0.220	8.891	0.158	6.413
8	41	9,626	0.221	2.124	0.157	1.515
9	44	15,491	0.217	3.357	0.160	2.485
17	27	16,665	0.255	4.243	0.160	2.673
19	31	1,840	0.242	0.445	0.155	0.286
			Total for North Yarmouth:	**19.060**		**13.372**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Portland

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	643,670	0.209	134.398	0.194	124.679
12	46	42,369	0.216	9.139	0.166	7.012
14	27	528,405	0.255	134.532	0.160	84.756
16	26	201,547	0.259	52.140	0.161	32.530
17	27	210,283	0.255	53.538	0.160	33.729
19	31	129,331	0.242	31.246	0.155	20.098
			Total for Portland:	**414.994**		**302.804**

Pownal

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	26,297	0.220	5.775	0.158	4.165
9	44	18,367	0.217	3.980	0.160	2.946
			Total for Pownal:	**9.755**		**7.112**

Raymond

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	78,028	0.225	17.533	0.157	12.282
8	41	62,612	0.221	13.818	0.157	9.855
9	44	37,296	0.217	8.082	0.160	5.982
			Total for Raymond:	**39.433**		**28.119**

Scarborough

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	425,881	0.209	88.924	0.204	86.752
7	42	13,414	0.220	2.946	0.158	2.125
8	41	57,048	0.221	12.591	0.157	8.979
9	44	39,843	0.217	8.634	0.160	6.391
11	58	68,464	0.209	14.295	0.194	13.261
12	46	26,987	0.216	5.821	0.166	4.466
16	26	327,402	0.259	84.699	0.161	52.843
17	27	233,551	0.255	59.462	0.160	37.462
19	31	61,496	0.242	14.858	0.155	9.557
			Total for Scarborough:	**292.229**		**221.835**

South Portland

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	58	259,102	0.209	54.101	0.194	50.188
12	46	91,009	0.216	19.631	0.166	15.062
14	27	43,498	0.255	11.075	0.160	6.977
16	26	223,352	0.259	57.781	0.161	36.049
17	27	136,209	0.255	34.679	0.160	21.848
19	31	81,070	0.242	19.586	0.155	12.598
			Total for South Portland:	**196.852**		**142.722**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Standish

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	41	84,991	0.221	18.758	0.157	13.378
7	42	219,115	0.220	48.118	0.158	34.708
9	44	59,595	0.217	12.914	0.160	9.559
			Total for Standish:	**79.789**		**57.645**

Westbrook

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	241	0.217	0.052	0.160	0.039
12	46	32,573	0.216	7.026	0.166	5.391
14	27	116,179	0.255	29.579	0.160	18.635
16	26	145,138	0.259	37.547	0.161	23.425
17	27	124,203	0.255	31.622	0.160	19.922
19	31	56,334	0.242	13.610	0.155	8.754
19	31	546	0.242	0.132	0.155	0.085
			Total for Westbrook:	**119.569**		**76.251**

Windham

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	188,926	0.225	42.452	0.157	29.737
6	41	91,469	0.221	20.187	0.157	14.397
7	42	59,777	0.220	13.127	0.158	9.469
8	41	34,095	0.221	7.525	0.157	5.367
9	44	58,057	0.217	12.581	0.160	9.312
14	27	42,459	0.255	10.810	0.160	6.810
16	26	11,921	0.259	3.084	0.161	1.924
17	27	55,403	0.255	14.106	0.160	8.887
19	31	15,019	0.242	3.629	0.155	2.334
			Total for Windham:	**127.500**		**88.237**

Yarmouth

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	44	3,292	0.217	0.713	0.160	0.528
11	58	151,470	0.209	31.627	0.194	29.340
17	27	110,537	0.255	28.143	0.160	17.730
19	31	44,798	0.242	10.823	0.155	6.962
			Total for Yarmouth:	**71.306**		**54.560**
			Total for Cumberland County:	**2,398.710 kg**		**1,798.724 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	19,716	0.311	6.132	0.297	5.848
9	47	1,874	0.311	0.583	0.297	0.556
			Total for Arrowsic:	**6.715**		**6.404**

HPMS Functional Class Codes:
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Bath

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	859	0.311	0.267	0.297	0.255
8	45	2,678	0.315	0.843	0.293	0.784
9	47	8,637	0.311	2.686	0.297	2.562
12	44	39,162	0.319	12.489	0.296	11.576
14	30	5,575	0.356	1.984	0.288	1.603
16	23	3,137	0.393	1.233	0.306	0.959
17	26	62,945	0.374	23.542	0.297	18.670
19	29	25,646	0.360	9.230	0.290	7.427
			Total for Bath:	**52.274**		**43.836**

Bowdoin

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	13,464	0.298	4.014	0.342	4.603
7	47	42,064	0.311	13.082	0.297	12.476
8	45	17,987	0.315	5.664	0.293	5.265
9	47	13,167	0.311	4.095	0.297	3.905
			Total for Bowdoin:	**26.854**		**26.249**

Bowdoinham

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	212,584	0.298	63.371	0.342	72.683
7	47	30,685	0.311	9.543	0.297	9.101
8	45	2,946	0.315	0.928	0.293	0.862
9	47	9,237	0.311	2.873	0.297	2.740
			Total for Bowdoinham:	**76.715**		**85.386**

Georgetown

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	15,758	0.311	4.901	0.297	4.674
9	47	8,662	0.311	2.694	0.297	2.569
			Total for Georgetown:	**7.594**		**7.243**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	43	0.311	0.013	0.297	0.013
			Total for Perkins Twp Swan Island:	**0.013**		**0.013**

Phippsburg

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	47	37,604	0.311	11.695	0.297	11.153
8	45	10,576	0.315	3.330	0.293	3.096
9	47	16,331	0.311	5.079	0.297	4.844
			Total for Phippsburg:	**20.104**		**19.093**

2035 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Richmond

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	143,896	0.298	42.896	0.342	49.198
7	47	55,570	0.311	17.282	0.297	16.482
8	45	5,677	0.315	1.788	0.293	1.662
9	47	9,869	0.311	3.069	0.297	2.927
			Total for Richmond:	**65.035**		**70.269**

Topsham

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	158,562	0.298	47.267	0.342	54.213
2	45	97,827	0.317	31.001	0.298	29.113
7	47	29,477	0.311	9.167	0.297	8.743
8	45	16,025	0.315	5.046	0.293	4.690
9	47	12,451	0.311	3.872	0.297	3.693
14	30	63,464	0.356	22.587	0.288	18.252
16	23	21,298	0.393	8.372	0.306	6.511
17	26	31,893	0.374	11.928	0.297	9.459
19	29	22,352	0.360	8.044	0.290	6.473
			Total for Topsham:	**147.286**		**141.148**

West Bath

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	69,212	0.317	21.933	0.298	20.597
7	47	26,040	0.311	8.098	0.297	7.723
8	45	12,316	0.315	3.878	0.293	3.605
9	47	15,992	0.311	4.974	0.297	4.743
			Total for West Bath:	**38.883**		**36.669**

Woolwich

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	134,828	0.317	42.727	0.298	40.125
7	47	1,303	0.311	0.405	0.297	0.386
8	45	34,361	0.315	10.820	0.293	10.058
9	47	13,550	0.311	4.214	0.297	4.019
			Total for Woolwich:	**58.167**		**54.588**
		Total for Sagadahoc County:		**499.641 kg**		**490.896 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	97,360	0.319	31.048	0.296	28.780
6	38	25,015	0.329	8.227	0.286	7.142
8	40	538	0.325	0.175	0.287	0.154
9	43	33,344	0.319	10.633	0.291	9.690
			Total for Alfred:	**50.084**		**45.765**

HPMS Functional Class Codes:
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2035 Portland, Maine Ozone Maintenance Area

31 York County

Arundel

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	236,106	0.298	70.383	0.342	80.725
2	44	68,300	0.319	21.781	0.296	20.190
6	38	66,157	0.329	21.759	0.286	18.888
7	39	21,954	0.327	7.177	0.286	6.270
9	43	61,071	0.319	19.476	0.291	17.747
			Total for Arundel:	**140.576**		**143.819**

Berwick

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	69,076	0.329	22.719	0.286	19.721
8	40	9,835	0.325	3.196	0.287	2.819
9	43	32,024	0.319	10.212	0.291	9.306
14	29	2,855	0.360	1.028	0.290	0.827
16	29	30,709	0.360	11.052	0.290	8.893
17	27	15,315	0.369	5.651	0.295	4.512
19	32	33,642	0.347	11.670	0.286	9.605
			Total for Berwick:	**65.528**		**55.683**

Biddeford

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	187,171	0.298	55.796	0.342	63.994
2	44	39,192	0.319	12.498	0.296	11.585
6	38	50,877	0.329	16.733	0.286	14.525
7	39	18,971	0.327	6.202	0.286	5.418
8	40	35,836	0.325	11.643	0.287	10.271
9	43	27,996	0.319	8.928	0.291	8.136
16	29	61,941	0.360	22.293	0.290	17.938
17	27	126,646	0.369	46.732	0.295	37.310
19	32	34,398	0.347	11.933	0.286	9.821
			Total for Biddeford:	**192.758**		**178.997**

Buxton

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	45,103	0.319	14.383	0.296	13.332
7	39	39,442	0.327	12.894	0.286	11.265
8	40	89,402	0.325	29.047	0.287	25.623
9	43	47,426	0.319	15.124	0.291	13.782
			Total for Buxton:	**71.448**		**64.002**

Dayton

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	56,856	0.327	18.586	0.286	16.238
8	40	2,795	0.325	0.908	0.287	0.801
9	43	12,891	0.319	4.111	0.291	3.746
			Total for Dayton:	**23.605**		**20.785**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 Portland, Maine Ozone Maintenance Area

31 York County

Eliot

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	0	0.327	0.000	0.286	0.000
8	40	2,132	0.325	0.693	0.287	0.611
9	43	3,548	0.319	1.131	0.291	1.031
16	29	102,342	0.360	36.833	0.290	29.638
17	27	42,030	0.369	15.509	0.295	12.382
19	32	16,666	0.347	5.781	0.286	4.758
			Total for Eliot:	**59.948**		**48.421**

Hollis

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	46,710	0.319	14.896	0.296	13.807
7	39	72,498	0.327	23.700	0.286	20.705
8	40	25,219	0.325	8.194	0.287	7.228
9	43	28,883	0.319	9.211	0.291	8.393
			Total for Hollis:	**56.000**		**50.134**

Kennebunk

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	271,933	0.298	81.063	0.342	92.974
6	38	47,721	0.329	15.696	0.286	13.624
7	39	145,887	0.327	47.691	0.286	41.665
8	40	52,424	0.325	17.033	0.287	15.025
9	43	52,990	0.319	16.898	0.291	15.399
19	32	0	0.347	0.000	0.286	0.000
			Total for Kennebunk:	**178.380**		**178.687**

Kennebunkport

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	39	44,399	0.327	14.514	0.286	12.680
9	43	55,232	0.319	17.613	0.291	16.050
			Total for Kennebunkport:	**32.127**		**28.731**

Kittery

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	143,893	0.298	42.895	0.342	49.197
6	38	15,022	0.329	4.941	0.286	4.289
7	39	3,408	0.327	1.114	0.286	0.973
8	40	4,585	0.325	1.490	0.287	1.314
9	43	10,677	0.319	3.405	0.291	3.103
11	58	160,240	0.300	48.088	0.332	53.168
12	38	19,326	0.331	6.395	0.289	5.577
14	29	34,584	0.360	12.447	0.290	10.015
16	29	95,995	0.360	34.549	0.290	27.800
17	27	43,665	0.369	16.112	0.295	12.864
19	32	16,593	0.347	5.756	0.286	4.737
			Total for Kittery:	**177.191**		**173.038**

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2035 Portland, Maine Ozone Maintenance Area

31 York County

Limington

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	46,942	0.329	15.439	0.286	13.402
7	39	34,840	0.327	11.389	0.286	9.950
8	40	4,287	0.325	1.393	0.287	1.229
9	43	19,411	0.319	6.190	0.291	5.641
			Total for Limington:	**34.411**		**30.222**

Lyman

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	90,746	0.319	28.939	0.296	26.825
7	39	24,793	0.327	8.105	0.286	7.081
8	40	27,066	0.325	8.794	0.287	7.757
9	43	27,076	0.319	8.635	0.291	7.868
			Total for Lyman:	**54.472**		**49.531**

North Berwick

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	102,403	0.329	33.680	0.286	29.236
8	40	5,087	0.325	1.653	0.287	1.458
9	43	48,640	0.319	15.511	0.291	14.135
			Total for North Berwick:	**50.844**		**44.829**

Ogunquit

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	83,683	0.298	24.946	0.342	28.611
6	38	48,284	0.329	15.881	0.286	13.785
7	39	10,863	0.327	3.551	0.286	3.103
9	43	14,862	0.319	4.740	0.291	4.319
			Total for Ogunquit:	**49.118**		**49.818**

Old Orchard Beach

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	826	0.331	0.273	0.289	0.238
17	27	100,759	0.369	37.180	0.295	29.684
19	32	37,749	0.347	13.095	0.286	10.777
			Total for Old Orchard Beach:	**50.549**		**40.699**

HPMS Functional Class Codes:
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2035 Portland, Maine Ozone Maintenance Area

31 York County

Saco

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	379,642	0.298	113.171	0.342	129.800
6	38	53,198	0.329	17.497	0.286	15.188
7	39	66,591	0.327	21.769	0.286	19.018
8	40	4,499	0.325	1.462	0.287	1.289
9	43	37,575	0.319	11.983	0.291	10.919
11	58	198,853	0.300	59.676	0.332	65.979
12	38	12,410	0.331	4.106	0.289	3.581
16	29	74,831	0.360	26.932	0.290	21.671
17	27	145,074	0.369	53.532	0.295	42.739
19	32	37,755	0.347	13.097	0.286	10.779
			Total for Saco:	**323.224**		**320.964**

Sanford

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	38,960	0.319	12.424	0.296	11.516
6	38	66,274	0.329	21.798	0.286	18.921
7	39	30,172	0.327	9.863	0.286	8.617
8	40	13,651	0.325	4.435	0.287	3.912
9	43	47,569	0.319	15.170	0.291	13.824
14	29	150,098	0.360	54.020	0.290	43.468
16	29	52,776	0.360	18.994	0.290	15.284
17	27	88,682	0.369	32.724	0.295	26.126
19	32	53,465	0.347	18.547	0.286	15.264
			Total for Sanford:	**187.975**		**156.933**

South Berwick

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	38	28,602	0.329	9.407	0.286	8.166
7	39	10,607	0.327	3.467	0.286	3.029
9	43	23,123	0.319	7.374	0.291	6.719
16	29	70,204	0.360	25.266	0.290	20.331
17	27	6,986	0.369	2.578	0.295	2.058
19	32	30,299	0.347	10.511	0.286	8.650
			Total for South Berwick:	**58.603**		**48.954**

Wells

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	521,708	0.298	155.521	0.342	178.372
2	44	61,835	0.319	19.719	0.296	18.278
6	38	212,768	0.329	69.979	0.286	60.745
7	39	16,709	0.327	5.462	0.286	4.772
8	40	30,343	0.325	9.858	0.287	8.696
9	43	86,634	0.319	27.627	0.291	25.176
			Total for Wells:	**288.168**		**296.040**

HPMS Functional Class Codes:
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2035 Portland, Maine Ozone Maintenance Area

31 York County

York

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	591,322	0.298	176.273	0.342	202.173
6	38	182,135	0.329	59.904	0.286	52.000
7	39	123,084	0.327	40.236	0.286	35.153
8	40	45,822	0.325	14.888	0.287	13.133
9	43	95,052	0.319	30.312	0.291	27.622
			Total for York:	**321.614**		**330.080**
			Total for York County:	**2,466.622 kg**		**2,356.132 kg**
		2035 Portland, Maine Ozone Maintenance Area:		**5,399.546 kg**		**4,678.051 kg**
				5.950 tons		**5.155 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2035 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	138,706	0.343	47.562	0.293	40.585
7	42	118,704	0.345	40.941	0.292	34.614
8	44	771	0.340	0.262	0.294	0.227
9	47	97,596	0.334	32.597	0.299	29.152
			Total for Bar Harbor:	**121.362**		**104.578**

Blue Hill

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	66,322	0.345	22.874	0.292	19.339
8	44	51,013	0.340	17.344	0.294	14.982
9	47	17,450	0.334	5.828	0.299	5.212
			Total for Blue Hill:	**46.047**		**39.534**

Brooklin

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	14,167	0.340	4.817	0.294	4.161
9	47	6,719	0.334	2.244	0.299	2.007
			Total for Brooklin:	**7.061**		**6.168**

Brooksville

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,146	0.345	0.395	0.292	0.334
8	44	14,078	0.340	4.786	0.294	4.135
9	47	10,617	0.334	3.546	0.299	3.171
			Total for Brooksville:	**8.728**		**7.640**

Cranberry Isles

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	328	0.334	0.109	0.299	0.098
			Total for Cranberry Isles:	**0.109**		**0.098**

Deer Isle

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	35,910	0.345	12.385	0.292	10.471
8	44	8,892	0.340	3.023	0.294	2.611
9	47	17,752	0.334	5.929	0.299	5.303
			Total for Deer Isle:	**21.338**		**18.385**

Frenchboro

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.340	0.000	0.294	0.000
9	47	0	0.334	0.000	0.299	0.000
			Total for Frenchboro:	**0.000**		**0.000**

HPMS Functional Class Codes:
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2035 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Gouldsboro

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	41,043	0.343	14.074	0.293	12.009
7	42	23,023	0.345	7.941	0.292	6.713
8	44	11,397	0.340	3.875	0.294	3.347
9	47	4,938	0.334	1.649	0.299	1.475
			Total for Gouldsboro:	**27.538**		**23.545**

Hancock

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	107,053	0.343	36.708	0.293	31.324
7	42	23,754	0.345	8.193	0.292	6.927
8	44	3,194	0.340	1.086	0.294	0.938
9	47	12,748	0.334	4.258	0.299	3.808
			Total for Hancock:	**50.245**		**42.996**

Lamoine

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,946	0.345	7.224	0.292	6.108
8	44	12,547	0.340	4.266	0.294	3.685
9	47	6,833	0.334	2.282	0.299	2.041
			Total for Lamoine:	**13.772**		**11.834**

Mount Desert

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	133,492	0.345	46.041	0.292	38.926
8	44	9,672	0.340	3.288	0.294	2.841
9	47	43,497	0.334	14.528	0.299	12.993
			Total for Mount Desert:	**63.858**		**54.760**

Sedgwick

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	34,184	0.345	11.790	0.292	9.968
8	44	17,521	0.340	5.957	0.294	5.146
9	47	3,506	0.334	1.171	0.299	1.047
			Total for Sedgwick:	**18.919**		**16.161**

Sorrento

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	2,201	0.340	0.748	0.294	0.646
9	47	2,581	0.334	0.862	0.299	0.771
			Total for Sorrento:	**1.610**		**1.417**

Southwest Harbor

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	50,286	0.345	17.344	0.292	14.663
8	44	14,336	0.340	4.874	0.294	4.210
9	47	10,862	0.334	3.628	0.299	3.245
			Total for Southwest Harbor:	**25.846**		**22.118**

HPMS Functional Class Codes:
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2035 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Stonington

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,890	0.345	2.721	0.292	2.301
8	44	6,117	0.340	2.080	0.294	1.797
9	47	10,506	0.334	3.509	0.299	3.138
			Total for Stonington:	**8.310**		**7.236**

Sullivan

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	53,671	0.343	18.404	0.293	15.704
7	42	2,760	0.345	0.952	0.292	0.805
8	44	4,128	0.340	1.403	0.294	1.212
9	47	4,603	0.334	1.537	0.299	1.375
			Total for Sullivan:	**22.297**		**19.096**

Surry

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	40,164	0.345	13.853	0.292	11.712
8	44	11,538	0.340	3.923	0.294	3.389
9	47	7,976	0.334	2.664	0.299	2.382
			Total for Surry:	**20.440**		**17.483**

Swans Island

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,118	0.345	0.386	0.292	0.326
8	44	0	0.340	0.000	0.294	0.000
9	47	1,359	0.334	0.454	0.299	0.406
			Total for Swans Island:	**0.839**		**0.732**

Tremont

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,974	0.345	1.715	0.292	1.450
8	44	21,048	0.340	7.156	0.294	6.182
9	47	8,564	0.334	2.860	0.299	2.558
			Total for Tremont:	**11.732**		**10.190**

Trenton

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	135,539	0.343	46.476	0.293	39.659
7	42	4,285	0.345	1.478	0.292	1.249
8	44	15,392	0.340	5.233	0.294	4.521
9	47	4,178	0.334	1.396	0.299	1.248
			Total for Trenton:	**54.583**		**46.677**

Winter Harbor

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	6,830	0.345	2.356	0.292	1.991
8	44	689	0.340	0.234	0.294	0.202
9	47	6,690	0.334	2.234	0.299	1.998
			Total for Winter Harbor:	**4.824**		**4.192**
			Total for Hancock County:	**529.458 kg**		**454.840 kg**

HPMS Functional Class Codes:
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2035 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Camden

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	53,335	0.322	17.174	0.294	15.659
7	44	14,727	0.317	4.667	0.292	4.294
8	44	27,479	0.317	8.708	0.292	8.013
9	47	32,469	0.311	10.098	0.297	9.630
			Total for Camden:	**40.647**		**37.597**

Cushing

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,825	0.317	2.480	0.292	2.282
8	44	21,776	0.317	6.901	0.292	6.350
9	47	1,586	0.311	0.493	0.297	0.470
			Total for Cushing:	**9.874**		**9.102**

Friendship

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	12,194	0.317	3.864	0.292	3.556
8	44	1,284	0.317	0.407	0.292	0.375
9	47	3,969	0.311	1.234	0.297	1.177
			Total for Friendship:	**5.506**		**5.108**

Isle Au Haut

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	1,679	0.311	0.522	0.297	0.498
			Total for Isle Au Haut:	**0.522**		**0.498**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	0	0.317	0.000	0.292	0.000
9	47	96	0.311	0.030	0.297	0.029
			Total for Matinicus Isle Plt:	**0.030**		**0.029**

North Haven

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,662	0.317	1.160	0.292	1.068
8	44	1,122	0.317	0.355	0.292	0.327
9	47	9,762	0.311	3.036	0.297	2.895
			Total for North Haven:	**4.552**		**4.290**

Owls Head

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	14,231	0.317	4.510	0.292	4.150
8	44	11,841	0.317	3.752	0.292	3.453
9	47	3,246	0.311	1.009	0.297	0.963
			Total for Owls Head:	**9.272**		**8.565**

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Rockland

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	50	18,813	0.307	5.774	0.302	5.674
7	44	8,273	0.317	2.622	0.292	2.412
8	44	0	0.317	0.000	0.292	0.000
9	47	3,924	0.311	1.220	0.297	1.164
14	24	61,623	0.386	23.787	0.303	18.653
16	26	23,347	0.374	8.732	0.297	6.925
17	25	38,147	0.380	14.496	0.300	11.429
19	29	20,525	0.360	7.387	0.290	5.944
			Total for Rockland:	**64.017**		**52.201**

Rockport

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	94,747	0.322	30.509	0.294	27.818
6	50	102,033	0.307	31.314	0.302	30.773
7	44	6,267	0.317	1.986	0.292	1.828
8	44	9,584	0.317	3.037	0.292	2.795
9	47	41,020	0.311	12.757	0.297	12.167
			Total for Rockport:	**79.603**		**75.380**

Saint George

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	45,772	0.317	14.505	0.292	13.347
9	47	12,640	0.311	3.931	0.297	3.749
			Total for Saint George:	**18.436**		**17.096**

South Thomaston

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	40,660	0.317	12.885	0.292	11.857
8	44	5,611	0.317	1.778	0.292	1.636
9	47	7,690	0.311	2.392	0.297	2.281
			Total for South Thomaston:	**17.055**		**15.774**

Thomaston

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	72,761	0.322	23.429	0.294	21.363
7	44	17,190	0.317	5.448	0.292	5.013
8	44	6,857	0.317	2.173	0.292	2.000
9	47	14,376	0.311	4.471	0.297	4.264
			Total for Thomaston:	**35.521**		**32.639**

Vinalhaven

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,291	0.317	1.043	0.292	0.960
8	44	0	0.317	0.000	0.292	0.000
9	47	2,564	0.311	0.797	0.297	0.761
			Total for Vinalhaven:	**1.840**		**1.720**

2035 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	68,144	0.322	21.942	0.294	20.007
6	50	47,953	0.307	14.717	0.302	14.463
7	44	21,575	0.317	6.837	0.292	6.291
8	44	6,672	0.317	2.114	0.292	1.946
9	47	26,639	0.311	8.285	0.297	7.901
			Total for Warren:	**53.896**		**50.608**
			Total for Knox County:	**340.770 kg**		**310.606 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,588	0.315	3.964	0.293	3.685
8	44	6,349	0.317	2.012	0.292	1.851
9	48	2,808	0.310	0.870	0.298	0.836
			Total for Alna:	**6.846**		**6.372**

Boothbay

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	61,727	0.311	19.197	0.297	18.308
7	45	5,723	0.315	1.802	0.293	1.675
8	44	24,301	0.317	7.701	0.292	7.086
9	48	26,196	0.310	8.118	0.298	7.799
			Total for Boothbay:	**36.818**		**34.868**

Boothbay Harbor

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	22,361	0.311	6.954	0.297	6.632
7	45	18,507	0.315	5.828	0.293	5.417
8	44	11,969	0.317	3.793	0.292	3.490
9	48	14,181	0.310	4.395	0.298	4.222
			Total for Boothbay Harbor:	**20.970**		**19.761**

Bremen

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,505	0.315	2.993	0.293	2.782
8	44	4,184	0.317	1.326	0.292	1.220
9	48	3,453	0.310	1.070	0.298	1.028
			Total for Bremen:	**5.389**		**5.030**

Bristol

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	73,847	0.315	23.254	0.293	21.615
8	44	13,483	0.317	4.273	0.292	3.932
9	48	16,052	0.310	4.974	0.298	4.779
			Total for Bristol:	**32.502**		**30.325**

HPMS Functional Class Codes:
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2035 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	25,435	0.313	7.961	0.302	7.671
7	45	46,908	0.315	14.771	0.293	13.730
8	44	18,808	0.317	5.960	0.292	5.484
9	48	9,676	0.310	2.999	0.298	2.881
			Total for Damariscotta:	**31.691**		**29.766**

Dresden

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	20,937	0.311	6.512	0.297	6.210
7	45	10,789	0.315	3.398	0.293	3.158
8	44	21,784	0.317	6.903	0.292	6.352
9	48	6,138	0.310	1.902	0.298	1.827
			Total for Dresden:	**18.714**		**17.547**

Edgecomb

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	48,162	0.313	15.075	0.302	14.526
6	47	48,227	0.311	14.999	0.297	14.304
7	45	470	0.315	0.148	0.293	0.138
8	44	9,771	0.317	3.097	0.292	2.849
9	48	5,716	0.310	1.771	0.298	1.702
			Total for Edgecomb:	**35.089**		**33.518**

Monhegan Island Plt

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	48	21	0.310	0.006	0.298	0.006
			Total for Monhegan Island Plt:	**0.006**		**0.006**

Newcastle

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	88,420	0.313	27.676	0.302	26.668
7	45	21,175	0.315	6.668	0.293	6.198
8	44	21,091	0.317	6.684	0.292	6.150
9	48	9,078	0.310	2.813	0.298	2.703
			Total for Newcastle:	**43.841**		**41.718**

Nobleboro

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	57,419	0.313	17.972	0.302	17.317
7	45	679	0.315	0.214	0.293	0.199
8	44	11,827	0.317	3.748	0.292	3.449
9	48	13,446	0.310	4.167	0.298	4.003
			Total for Nobleboro:	**26.101**		**24.968**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

2035 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	26,881	0.315	8.465	0.293	7.868
8	44	1,229	0.317	0.389	0.292	0.358
9	48	4,357	0.310	1.350	0.298	1.297
			Total for South Bristol:	**10.205**		**9.524**

Southport

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	710	0.315	0.224	0.293	0.208
8	44	10,741	0.317	3.404	0.292	3.132
9	48	1,627	0.310	0.504	0.298	0.484
			Total for Southport:	**4.132**		**3.824**

Waldoboro

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	100,105	0.313	31.333	0.302	30.192
7	45	63,537	0.315	20.008	0.293	18.597
8	44	14,109	0.317	4.471	0.292	4.114
9	48	24,801	0.310	7.686	0.298	7.383
			Total for Waldoboro:	**63.498**		**60.287**

Westport Island

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	44	6,707	0.317	2.126	0.292	1.956
9	48	3,975	0.310	1.232	0.298	1.183
			Total for Westport Island:	**3.357**		**3.139**

Wiscasset

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	47	97,852	0.313	30.628	0.302	29.512
6	47	28,513	0.311	8.867	0.297	8.457
7	45	6,884	0.315	2.168	0.293	2.015
8	44	10,953	0.317	3.471	0.292	3.194
9	48	17,366	0.310	5.382	0.298	5.170
			Total for Wiscasset:	**50.516**		**48.348**
			Total for Lincoln County:	**389.675 kg**		**369.002 kg**

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2035 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	838	0.330	0.276	0.302	0.253
8	47	2,110	0.334	0.705	0.299	0.630
9	49	12,968	0.330	4.279	0.302	3.912
			Total for Islesboro:	**5.261**		**4.796**
			Total for Waldo County:	**5.261 kg**		**4.796 kg**
			2035 MidCoast, Maine Ozone Maintenance Area:	**1,265.164 kg**		**1,139.244 kg**
				1.394 tons		**1.255 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

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COMMUTER COMPOSITE EMISSION FACTORS BY COUNTY AND YEAR

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	60.7	1		0.501				0.589		0.589
	58	11		0.504						0.594
	50	6				0.608				
	49	7							0.661	
	49	9							0.661	
	48	9					0.613			
	47	6					0.616			
	47	8							0.666	
	47	7						0.616		
	47	2					0.619			
	47	9			0.666	0.616		0.616		
	46	12		0.522						
	46	8	0.619							
	46	9	0.619							
	45	7	0.621				0.621			
	45	8						0.621		
	45	2						0.624		
	45	6	0.621							
	44	9		0.523						
	44	7				0.624				
	44	8			0.676	0.624	0.624			
	44	12						0.627		
	44	2								0.627
	43	6			0.679					
	43	9								0.626
	42	2				0.633				
	42	7		0.527	0.682					
	41	8		0.529						
	41	6		0.529						
	40	8								0.634
	39	7								0.637
	39	2		0.537						
	38	12								0.644

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	38	6								0.640
	32	19								0.665
	31	19		0.559						
	30	14						0.677		
	29	16								0.682
	29	19				0.682		0.682		
	29	14								0.682
	27	17		0.578						0.695
	27	14		0.578						
	26	16		0.584		0.702				
	26	17						0.702		
	25	17				0.710				
	24	14				0.720				
	23	16						0.729		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	60.7	1		0.368				0.463		0.463
	58	11		0.370						0.466
	50	6				0.478				
	49	9							0.515	
	49	7							0.515	
	48	9					0.481			
	47	8							0.520	
	47	2					0.486			
	47	7						0.483		
	47	9			0.520	0.483		0.483		
	47	6					0.483			
	46	12		0.382						
	46	8	0.485							
	46	9	0.485							
	45	8						0.488		
	45	7	0.488				0.488			
	45	6	0.488							
	45	2						0.490		
	44	7				0.490				
	44	12						0.492		
	44	8			0.528	0.490	0.490			
	44	2								0.492
	44	9		0.383						
	43	9								0.492
	43	6			0.530					
	42	7		0.386	0.533					
	42	2				0.496				
	41	6		0.387						
	41	8		0.387						
	40	8								0.499
	39	7								0.501
	39	2		0.393						
	38	12								0.506

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	38	6								0.503
	32	19								0.523
	31	19		0.409						
	30	14						0.532		
	29	19				0.537		0.537		
	29	14								0.537
	29	16								0.537
	27	17		0.424						0.547
	27	14		0.424						
	26	16		0.428		0.552				
	26	17						0.552		
	25	17				0.559				
	24	14				0.566				
	23	16						0.574		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	60.7	1		0.211				0.316		0.316
	58	11		0.211						0.318
	50	6				0.327				
	49	9							0.351	
	49	7							0.351	
	48	9					0.330			
	47	9			0.355	0.332		0.332		
	47	6					0.332			
	47	2					0.334			
	47	8							0.355	
	47	7						0.332		
	46	8	0.334							
	46	9	0.334							
	46	12		0.219						
	45	7	0.335				0.335			
	45	2						0.337		
	45	6	0.335							
	45	8						0.335		
	44	2								0.339
	44	7				0.337				
	44	8			0.361	0.337	0.337			
	44	12						0.339		
	44	9		0.220						
	43	9								0.339
	43	6			0.363					
	42	2				0.342				
	42	7		0.223	0.365					
	41	8		0.223						
	41	6		0.223						
	40	8								0.344
	39	7								0.346
	39	2		0.227						
	38	6								0.348

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	38	12								0.350
	32	19								0.365
	31	19		0.239						
	30	14						0.372		
	29	14								0.376
	29	19				0.376		0.376		
	29	16								0.376
	27	17		0.250						0.384
	27	14		0.250						
	26	17						0.389		
	26	16		0.253		0.389				
	25	17				0.394				
	24	14				0.400				
	23	16						0.406		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	60.7	1		0.200				0.304		0.304
	58	11		0.201						0.307
	50	6				0.316				
	49	9							0.339	
	49	7							0.339	
	48	9					0.319			
	47	8							0.342	
	47	2					0.322			
	47	9			0.342	0.321		0.321		
	47	6					0.321			
	47	7						0.321		
	46	12		0.209						
	46	9	0.322							
	46	8	0.322							
	45	6	0.324							
	45	7	0.324				0.324			
	45	8						0.324		
	45	2						0.325		
	44	12						0.327		
	44	2								0.327
	44	8			0.348	0.325	0.325			
	44	7				0.325				
	44	9		0.210						
	43	9								0.327
	43	6			0.351					
	42	7		0.212	0.352					
	42	2				0.331				
	41	6		0.213						
	41	8		0.213						
	40	8								0.333
	39	2		0.217						
	39	7								0.334
	38	12								0.338

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	38	6								0.336
	32	19								0.352
	31	19		0.229						
	30	14						0.360		
	29	14								0.363
	29	19				0.363		0.363		
	29	16								0.363
	27	17		0.239						0.371
	27	14		0.239						
	26	16		0.243		0.376				
	26	17						0.376		
	25	17				0.381				
	24	14				0.387				
	23	16						0.393		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	60.7	1		0.198				0.302		0.302
	58	11		0.200						0.305
	50	6				0.314				
	49	7							0.337	
	49	9							0.337	
	48	9					0.317			
	47	8							0.340	
	47	7						0.318		
	47	9			0.340	0.318		0.318		
	47	6					0.318			
	47	2					0.320			
	46	12		0.208						
	46	9	0.320							
	46	8	0.320							
	45	2						0.323		
	45	7	0.322				0.322			
	45	8						0.322		
	45	6	0.322							
	44	7				0.323				
	44	12						0.325		
	44	2								0.325
	44	9		0.208						
	44	8			0.346	0.323	0.323			
	43	6			0.348					
	43	9								0.325
	42	7		0.211	0.350					
	42	2				0.328				
	41	6		0.211						
	41	8		0.211						
	40	8								0.330
	39	7								0.332
	39	2		0.215						
	38	6								0.334

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

VOC Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	38	12								0.336
	32	19								0.350
	31	19		0.227						
	30	14						0.358		
	29	19				0.361		0.361		
	29	16								0.361
	29	14								0.361
	27	17		0.238						0.369
	27	14		0.238						
	26	16		0.241		0.374				
	26	17						0.374		
	25	17				0.379				
	24	14				0.385				
	23	16						0.391		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	60.7	1		0.473				0.604		0.604
	58	11		0.468						0.598
	50	6				0.573				
	49	7							0.576	
	49	9							0.576	
	48	9					0.570			
	47	6					0.568			
	47	8							0.573	
	47	7						0.568		
	47	2					0.576			
	47	9			0.573	0.568		0.568		
	46	12		0.446						
	46	8	0.567							
	46	9	0.567							
	45	7	0.565				0.565			
	45	8						0.565		
	45	2						0.573		
	45	6	0.565							
	44	9		0.436						
	44	7				0.563				
	44	8			0.568	0.563	0.563			
	44	12						0.571		
	44	2								0.571
	43	6			0.567					
	43	9								0.562
	42	2				0.568				
	42	7		0.433	0.565					
	41	8		0.432						
	41	6		0.432						
	40	8								0.557
	39	7								0.556
	39	2		0.435						
	38	12								0.562

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2012	38	6								0.555
	32	19								0.557
	31	19		0.432						
	30	14						0.562		
	29	16								0.566
	29	19				0.566		0.566		
	29	14								0.566
	27	17		0.444						0.575
	27	14		0.444						
	26	16		0.448		0.580				
	26	17						0.580		
	25	17				0.585				
	24	14				0.591				
	23	16						0.597		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

HPMS Federal Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	60.7	1		0.301				0.447		0.447
	58	11		0.298						0.443
	50	6				0.424				
	49	9							0.427	
	49	7							0.427	
	48	9					0.422			
	47	8							0.425	
	47	2					0.427			
	47	7						0.421		
	47	9			0.425	0.421		0.421		
	47	6					0.421			
	46	12		0.284						
	46	8	0.420							
	46	9	0.420							
	45	8						0.419		
	45	7	0.419				0.419			
	45	6	0.419							
	45	2						0.425		
	44	7				0.417				
	44	12						0.423		
	44	8			0.421	0.417	0.417			
	44	2								0.423
	44	9		0.278						
	43	9								0.416
	43	6			0.420					
	42	7		0.276	0.419					
	42	2				0.421				
	41	6		0.275						
	41	8		0.275						
	40	8								0.413
	39	7								0.412
	39	2		0.277						
	38	12								0.417

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2016	38	6								0.411
	32	19								0.414
	31	19		0.275						
	30	14						0.417		
	29	19				0.420		0.420		
	29	14								0.420
	29	16								0.420
	27	17		0.283						0.427
	27	14		0.283						
	26	16		0.285		0.430				
	26	17						0.430		
	25	17				0.434				
	24	14				0.438				
	23	16						0.443		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	60.7	1		0.165				0.325		0.325
	58	11		0.163						0.322
	50	6				0.308				
	49	9							0.310	
	49	7							0.310	
	48	9					0.306			
	47	9			0.309	0.306		0.306		
	47	6					0.306			
	47	2					0.311			
	47	8							0.309	
	47	7						0.306		
	46	8	0.305							
	46	9	0.305							
	46	12		0.155						
	45	7	0.304				0.304			
	45	2						0.309		
	45	6	0.304							
	45	8						0.304		
	44	2								0.308
	44	7				0.303				
	44	8			0.306	0.303	0.303			
	44	12						0.308		
	44	9		0.151						
	43	9								0.302
	43	6			0.305					
	42	2				0.306				
	42	7		0.150	0.304					
	41	8		0.150						
	41	6		0.150						
	40	8								0.299
	39	7								0.299
	39	2		0.151						
	38	6								0.298

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2025	38	12								0.303
	32	19								0.300
	31	19		0.150						
	30	14						0.302		
	29	14								0.305
	29	19				0.305		0.305		
	29	16								0.305
	27	17		0.154						0.310
	27	14		0.154						
	26	17						0.313		
	26	16		0.156		0.313				
	25	17				0.316				
	24	14				0.319				
	23	16						0.322		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	60.7	1		0.142				0.302		0.302
	58	11		0.140						0.299
	50	6				0.286				
	49	9							0.287	
	49	7							0.287	
	48	9					0.284			
	47	8							0.285	
	47	2					0.288			
	47	9			0.285	0.283		0.283		
	47	6					0.283			
	47	7						0.283		
	46	12		0.133						
	46	9	0.282							
	46	8	0.282							
	45	6	0.281							
	45	7	0.281				0.281			
	45	8						0.281		
	45	2						0.286		
	44	12						0.285		
	44	2								0.285
	44	8			0.283	0.280	0.280			
	44	7				0.280				
	44	9		0.129						
	43	9								0.280
	43	6			0.282					
	42	7		0.128	0.281					
	42	2				0.283				
	41	6		0.128						
	41	8		0.128						
	40	8								0.277
	39	2		0.129						
	39	7								0.276
	38	12								0.280

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways _Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2030	38	6								0.276
	32	19								0.277
	31	19		0.128						
	30	14						0.280		
	29	14								0.282
	29	19				0.282		0.282		
	29	16								0.282
	27	17		0.132						0.287
	27	14		0.132						
	26	16		0.133		0.289				
	26	17						0.289		
	25	17				0.292				
	24	14				0.295				
	23	16						0.299		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	60.7	1		0.139				0.299		0.299
	58	11		0.137						0.296
	50	6				0.282				
	49	7							0.284	
	49	9							0.284	
	48	9					0.281			
	47	8							0.283	
	47	7						0.280		
	47	9			0.283	0.280		0.280		
	47	6					0.280			
	47	2					0.285			
	46	12		0.130						
	46	9	0.279							
	46	8	0.279							
	45	2						0.283		
	45	7	0.278				0.278			
	45	8						0.278		
	45	6	0.278							
	44	7				0.277				
	44	12						0.282		
	44	2								0.282
	44	9		0.126						
	44	8			0.280	0.277	0.277			
	43	6			0.279					
	43	9								0.277
	42	7		0.126	0.278					
	42	2				0.280				
	41	6		0.125						
	41	8		0.125						
	40	8								0.274
	39	7								0.273
	39	2		0.126						
	38	6								0.273

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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NOX Commuter Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

Year	Avg Speed	HPMS FFC	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
2035	38	12								0.277
	32	19								0.274
	31	19		0.125						
	30	14						0.277		
	29	19				0.279		0.279		
	29	16								0.279
	29	14								0.279
	27	17		0.129						0.284
	27	14		0.129						
	26	16		0.131		0.286				
	26	17						0.286		
	25	17				0.289				
	24	14				0.292				
	23	16						0.295		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

-L-

APPROVAL LETTERS

U.S. Department of Transportation
Federal Highway Administration

Federal Transit Administration
Region I
55 Broadway, Suite 920
Cambridge, MA 02142-1093
617-494-2055
617-494-2865 (fax)

Federal Highway Administration
ME Division
Edmund S. Muskie Federal Building, Rm. 614
40 Western Avenue
Augusta, ME 04330
207-622-8350
207-626-9133 (fax)

September 30, 2011

Mr. David A. Bernhardt, Commissioner
Maine Department of Transportation
16 State House Station
Augusta, Maine 04330-0016

Subject: Maine FY 2012 - 2015 Statewide Transportation Improvement Program (STIP)

Dear Commissioner Bernhardt:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our review of the final FY 2012-2015 STIP transmitted on September 19, 2011. We have also reviewed the Metropolitan Planning Organizations (MPO) Transportation Improvement Programs (TIPs), with subsequent revisions. Based upon information provided by MaineDOT and the MPOs, we concur that the STIP/TIPs are fiscally constrained and that they are consistent with their Long Range Plans.

In accordance with the 1990 Clean Air Act Amendments (CAAA) and 23 CFR 450, a conformity determination must be completed as a joint action by FHWA and FTA. Based on our evaluation of the material submitted and coordination with the U.S. Environmental Protection Agency (enclosed letter dated September 21, 2011), we have determined that the STIP and TIPs demonstrate conformity with the 1990 CAAA and 40 CFR Part 51. We also concur that the analysis demonstrates conformity with the State Implementation Plan in all of Maine's designated maintenance areas according to the methods prescribed by the current Federal guidance.

Therefore, in accordance with 23 CFR 450.220, and based upon the MaineDOT and MPO self-certifications of their statewide and metropolitan transportation planning processes and federal agency routine involvement in the transportation planning processes, FHWA and FTA hereby make the following determinations:

1. The projects in the FY 2012 – 2015 STIP are based on a transportation planning process that substantially meets the requirements of Title 23, U.S.C. 134 and 135, 49 U.S.C. Section 5303 – 5305 and 23 CFR Part 450 Subparts A, B, and C.

2. We find that each regional TIP is based on a continuing, comprehensive, cooperative transportation planning process carried on cooperatively by the State, the MPO's, and the transit operators in accordance with the provisions of 23 U.S.C. 134 and 135, and 49 U.S.C. Section 5303 – 5305.

A SAFETEA-LU compliance review was completed as part of the development of the TIPs and STIP. Approval of the UPWPs earlier this summer was also done in compliance with SAFETEA-LU. On June 7, 2011, FHWA approved MaineDOT's request for the re-adoption of "Connecting Maine", the current Statewide Long-Range Transportation Plan 2008-2020 (dated July 2010), extending the planning horizon to 2035. Consequently, it is determined that MaineDOT and the MPOs are in substantial conformance with the SAFETEA-LU. The STIP was published on the MaineDOT website and went through a 30-day public comment period.

In support of our determination, enclosed is a joint FHWA/FTA planning finding on the transportation planning process in accordance with both TIP (23 CFR 450.330(a)) and the STIP (23 CFR 450.220(b)). The Statewide and MPO planning finding is based on a continuing, comprehensive, cooperative transportation planning process and the self-certification statements submitted by the Department and MPO's under 23 CFR 450.334. It is also based upon documentation of routine FHWA/FTA involvement in the statewide and metropolitan planning processes, public involvement, and fiscal constraint.

Accordingly, the FHWA and FTA have jointly determined the Maine FY 2012-2015 STIP satisfies the requirements for the obligation of FHWA Federal-aid highway funds and FTA Federal transit grants for the period October 1, 2011 to September 30, 2013 and is hereby approved, effective October 1, 2011.

Approval of the STIP does not constitute project or grant approval. Both agencies may need additional information on some of the projects in the approved STIP when a project agreement or grant submission approval is requested. Should you have any questions regarding this subject, please feel free to contact Carlos Pena (207) 622-8350 Ext. 117, or William Gordon at (617) 494-3514.

Sincerely,

Mary Beth Mello
Regional Administrator
Federal Transit Administration
Region 1

Todd D. Jorgensen
Division Administrator
Federal Highway Administration
Maine Division

Enclosures (2)

cc:
Bruce VanNote, MaineDOT, Deputy Commissioner
Herb Thomson, MaineDOT, Director, Bureau of Transportation System Planning
Margaret Duval, MaineDOT, Deputy, Chief of Planning
Rob Elder, MaineDOT, Director, Office of Freight Transportation
Ken Sweeney, MaineDOT, Director, Chief Engineering
Karen Doyle, MaineDOT, Director of Capital Resources
Marty Rooney, MaineDOT
MPO Directors for BACTS, ATRC, PACTS, & KACTS
EPA Region 1
FHWA Washington – HEPS

STATEWIDE & METROPOLITAN PLANNING FINDING
SEPTEMBER 30, 2011

In accordance with 23 CFR 450.330, the FHWA and the FTA, based on the self-certifications of the statewide and metropolitan transportation planning process for and within the State of Maine, and routine FHWA and FTA participation in this transportation planning process hereby find that the projects in the FY 2012 - FY 2015 STIP/TIP's are based on a continuing, comprehensive, cooperative transportation planning process that substantially meets the requirements of 23 CFR Part 450 Subpart A, B, and C, 49 U.S.C. Sections 5303-5305, Section 8 of the Federal Transit Act (49 U.S.C. app. 1607) and 23 U.S.C. Sections 134 and 135.

The FHWA Division Office and the FTA Regional Office have routinely been involved in working with Maine's four MPO's, transit operators and Maine DOT in the statewide and metropolitan planning processes (e.g., review, concurrence, or approval of various planning documents), and the State's progress in addressing past planning findings.

ROUTINE INVOLVEMENT INCLUDES

- Review and approval of the MPO Unified Planning Work Programs
- Review and approval of the MaineDOT BTSP Biennial Work Program
- Review and approval of the MaineDOT M&O Traffic Work Plan
- Track progress of work plan/programs via Quarterly Reports
- Review of Biennial Capital Work Plan
- Review and approval of the Research Work Plan
- Review and approval of numerous STIP, TIP, and UPWP amendments
- Review and approval of numerous functional classification changes
- Review and approval for use of the ITS Regional Architecture
- Technical assistance on the development of the MPO PL Funding Formula revisions
- Technical assistance for and review and approval of the MPO Boundary Maps
- Technical assistance for and review of Title VI Plans and Accomplishments Reports
- Technical assistance with distribution of new Planning Emphasis Areas
- Technical assistance on the Air Quality Conformity Analysis Committee
- Motor Fuels, CMAQ, HPMS & HVUT Process Review involvement
- Technical assistance with several updated Long Range Plans
- Technical assistance to local elected officials, training, web conference etc
- Technical assistance with Traffic Monitoring Conference, data sharing
- Technical assistance on fiscal constraint items for TIP's and STIP
- Technical assistance on the I-295 Corridor Study and project prioritization
- Technical assistance with ADA issues, meetings, guidance and training
- Technical assistance on Highway Statistics, videoconference etc.
- Technical assistance in other items noted below in the Planning Observations

PLANNING OBSERVATIONS

The following strengths of the Maine DOT and MPO's transportation planning processes have been identified:

- Multiple planning studies that are taking place in the State including the Gorham East-West study, Statewide Rail Plan, the York County Corridor Study, and Franklin arterial
- Regional Needs Assessments
- MPO UPWP Reports and Accomplishments
- MaineDOT BTSP and Traffic Monitoring Work Plan Quarterly Report Accomplishments
- EPA award to the Gateway 1 Corridor Project
- Maine's Local Roads Program Activities
- Development of the UPWP's and MaineDOT's BTSP Work Plan

- Northeast CanAm Connections Study
- Functional Classification Reviews, outreach and planning efforts for Maine communities
- Development of the 6-Year Plan, Work Program, TIP's, STIP & LRP's
- MPO Planning, Policy and Technical Meeting, utilized to carry out the planning program
- FTA/FHWA/MaineDOT Quarterly Planning Meetings
- Air Quality Conformity Analysis and interagency consultation meetings
- TIP prioritization process improvements
- MaineDOT interagency meetings

SUGGESTED IMPROVEMENTS

The following suggestions are offered for improving the MaineDOT and MPO transportation planning processes:

- Formalize and finalize the STIP administrative Procedures
- Fully implement the BTSP Advanced Scoping Process
- Continue to improve communication and partnerships with the MPO's
- Strengthen MaineDOT / MPO / FHWA Title VI Planning efforts
- Strengthen public outreach to Maine's Indian Tribes
- MaineDOT and all MPOs continue to update their Title VI Plans and prepare Accomplishments Report
- Integrate MPOs emergency evacuation plans with state plan
- Finalize the "Public Involvement Plan"
- Revise "Maine's Freight Strategy"
- Continue to Strengthen Linking Planning & NEPA
- Clarify the selection and ranking process for CMAQ Projects

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

September 21, 2011

Mr. Todd Jorgensen, Division Administrator
US Department of Transportation, Federal Highway Administration
Edmund S. Muskie Federal Building
40 Western Avenue, Room 614
Augusta, Maine 04330

Re: 2012 – 2015 Statewide Transportation Improvement Program
and Connecting Maine: Planning our Transportation Future
Air Quality Conformity Analysis

Dear Mr. Jorgensen:

EPA New England's Air Quality Unit has conducted a review of the Draft July 2011 "Air Quality Conformity Analysis for the 2012 – 2015 Statewide Transportation Improvement Program and Connecting Maine: Planning Our Transportation Future," prepared by the Maine Department of Transportation in accordance with EPA's Transportation Conformity Rule as amended.

EPA New England believes that the air quality conformity analysis supports U.S. DOT making positive transportation improvement program conformity determinations for: (1) the Portland Maine 8-hour ozone attainment area with a maintenance plan (which includes portions of Androscoggin, Cumberland, Sagadahoc, and York Counties); and (2) the Midcoast Maine 8-hour ozone attainment area with a maintenance plan (which includes portions of Hancock, Knox, Lincoln, and Waldo Counties). Specifically, the air quality conformity analysis demonstrates that:

- The Kittery Area Comprehensive Transportation Study (KACTS) Metropolitan Planning Organization (MPO), the Portland Area Comprehensive Transportation Committee (PACTS) Metropolitan Planning Organization, and the Maine Department of Transportation (for the geographic area outside the Metropolitan Planning Organization boundaries) jointly demonstrate transportation conformity in the Portland Maine 8-hour ozone attainment area with a maintenance plan. The emissions predicted in the "Build" scenario for future years are less than or equal to the 2007 and 2016 motor vehicle emissions budgets.

  The 2007 volatile organic compounds (VOC) and nitrogen oxides (NOx) motor vehicle emissions budgets were contained in the Portland Maine marginal 8-hour ozone nonattainment area 5 Percent Increment of Progress SIP. They are 20.115 tons per summer weekday of VOC and 39.893 tons per weekday of NOx, and were approved by EPA on March 25, 2006 (71 FR 14815 – 14816).

  The 2016 VOC and NOx motor vehicle emissions budgets were contained in the Portland Maine 8-hour ozone maintenance plan. They are 16.659 tons per summer

weekday of VOC and 32.837 tons per weekday of NOx, and were approved by EPA on December 11, 2006 (71 FR 71489 - 71491).

Portland, Maine 8-hour Ozone Attainment Area with a Maintenance Plan (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx Motor Vehicle Emission Budget
2012	11.044	20.115	19.298	39.893
2016	8.704	16.659	12.447	32.837
2025	5.946	16.659	6.429	32.837
2030	5.849	16.659	5.365	32.837
2035	5.945	16.659	5.151	32.837

- The Maine Department of Transportation demonstrates transportation conformity in the Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour ozone attainment area with a maintenance plan, also referred to as the Midcoast area (The Midcoast area does not include any area within a Metropolitan Planning Organization). The air quality conformity analysis satisfactorily demonstrates the emissions predicted in the "Build" scenario for future years are less than or equal to the 2002 baseline emissions (6.816 tons per summer day of VOC, and 11.317 tons per summer day of NOx) and are less than or equal to the 2016 motor vehicle emissions budgets.

  The 2016 VOC and NOx motor vehicle emissions budgets were contained in the Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour ozone maintenance plan. They are 3.763 tons per summer weekday of VOC and 6.245 tons per weekday of NOx, and were approved by EPA on December 11, 2006 (71 FR 71489 - 71491).

Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour Ozone Attainment Area with a Maintenance Plan (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC 2002 Baseline or VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx 2002 Baseline or NOx Motor Vehicle Emission Budget
2009	2.442	6.816	3.767	11.317
2016	1.966	3.763	2.547	6.245
2025	1.405	3.763	1.481	6.245
2030	1.377	3.763	1.288	6.245
2035	1.374	3.763	1.286	6.245

- Maine's Statewide Transportation Improvement Program will neither slow down nor interfere with the maintenance plan for the Presque Isle PM_{10} attainment area.

- Maine's Transportation Improvement Program is derived from a conforming Transportation Plan and includes all regionally significant transportation projects contained in the Long Range Transportation Plan for the 2012 through 2015 time frame.

- The Statewide Transportation Improvement program utilizes the latest planning assumptions; the appropriate MOBILE6 emission factor model to develop emission factors; and the relevant Federal, State and Metropolitan Planning Organization Agencies have conducted the consultation process in accordance with the conformity rule.

If you or your staff has any questions regarding our comments, please feel free to contact Ariel Garcia of my staff at (617) 918-1660.

Sincerely,

Anne Arnold

Anne Arnold, Manager
Air Quality Planning Unit

cc: Carlos Pena, FHWA-Maine Division, Augusta, ME
Mary Beth Mello, Regional Administrator, FTA - Region 1, Cambridge, MA
Bill Gordon, FTA - Region 1, Cambridge, MA
Nathan Howard, Bureau of Planning ME DOT
Ron Severance, ME DEP
Lynne Cayting, ME DEP
Melissa Morrill, ME DEP
Tammy Gould, ME DEP
Liza Woodward, ME DEP

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

September 20, 2011

Mr. Todd Jorgenson
Division Director
Federal Highway Administration
Federal Building
Augusta, Maine 04330

RE: FFY 2012-2015 Draft Statewide Transportation Improvement Program

Dear Mr. Jorgenson:

As required by the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) for participation in federal aid programs, attached you will find Maine's proposed *FFY 2012-2015 Statewide Transportation Improvement Program* (STIP) for review and comment. In addition, copies of the STIP have been provided to the U. S. Environmental Protection Agency (EPA). This STIP meets all requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and is consistent with the Maine Department of Transportation's (MaineDOT's) *Long-Range Statewide Transportation Plan.*

All transportation projects included in the four Metropolitan Planning Organization Transportation Improvement Plans (TIPs) are being also reviewed by each MPO, and incorporated as part of MaineDOT's STIP document.

The Clean Air Conformity Analysis, in accordance with Section 176(c) of the Clean Air Act, as amended, in 1990, has been forwarded to all parties under separate cover for review. MaineDOT finds the analysis consistent with the conformity criteria published in 40 CFR Part 51 and Part 93 issued on November 24, 1993, as amended, on November 14, 1995 and September 15, 1997. The analysis demonstrates conformity with the *State Implementation Plan* in all of Maine's maintenance areas, according to the methods prescribed by current federal guidance.

A Notice of Availability for review and comment will be posted on MaineDOT's website beginning on August 19, 2011 and ending on September 19, 2011. The draft STIP document has been sent to the above-mentioned federal agencies, the four MPOs and is available on the MaineDOT's internet website for public review and comment. Public transit stakeholders were afforded opportunities to comment on all public transit projects during the process of developing MaineDOT's *Biennial Operations Plan* (BOP).

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The Department understands that FHWA, FTA and the EPA will be coordinating a joint approval of Maine's proposed FFY 2012-2015 STIP document. Please do not hesitate to contact Martin Rooney at 207-624-3317 with any questions or comments.

Sincerely,

Herb Thomson

Herb Thomson, Director
Bureau of Transportation Systems Planning

HT/MR/jmf

cc: Cheryl Martin, FHWA
Carlos Pena, FHWA
Christopher Trenholm, FHWA
William Gordon, Planner, FTA
Ariel Garcia, EPA
Donald Cooke, EPA
David Bernhardt, PE MaineDOT
Bruce A. Van Note, MaineDOT
Kenneth L. Sweeney, PE, MaineDOT

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region 1
5 Post Office Square, Suite 100
Boston, MA 02109-3912

September 21, 2011

Mr. Todd Jorgensen, Division Administrator
US Department of Transportation, Federal Highway Administration
Edmund S. Muskie Federal Building
40 Western Avenue, Room 614
Augusta, Maine 04330

Re: 2012 – 2015 Statewide Transportation Improvement Program
and Connecting Maine: Planning our Transportation Future
Air Quality Conformity Analysis

Dear Mr. Jorgensen:

EPA New England's Air Quality Unit has conducted a review of the Draft July 2011 "Air Quality Conformity Analysis for the 2012 – 2015 Statewide Transportation Improvement Program and Connecting Maine: Planning Our Transportation Future," prepared by the Maine Department of Transportation in accordance with EPA's Transportation Conformity Rule as amended.

EPA New England believes that the air quality conformity analysis supports U.S. DOT making positive transportation improvement program conformity determinations for: (1) the Portland Maine 8-hour ozone attainment area with a maintenance plan (which includes portions of Androscoggin, Cumberland, Sagadahoc, and York Counties); and (2) the Midcoast Maine 8-hour ozone attainment area with a maintenance plan (which includes portions of Hancock, Knox, Lincoln, and Waldo Counties). Specifically, the air quality conformity analysis demonstrates that:

- The Kittery Area Comprehensive Transportation Study (KACTS) Metropolitan Planning Organization (MPO), the Portland Area Comprehensive Transportation Committee (PACTS) Metropolitan Planning Organization, and the Maine Department of Transportation (for the geographic area outside the Metropolitan Planning Organization boundaries) jointly demonstrate transportation conformity in the Portland Maine 8-hour ozone attainment area with a maintenance plan. The emissions predicted in the "Build" scenario for future years are less than or equal to the 2007 and 2016 motor vehicle emissions budgets.

  The 2007 volatile organic compounds (VOC) and nitrogen oxides (NOx) motor vehicle emissions budgets were contained in the Portland Maine marginal 8-hour ozone nonattainment area 5 Percent Increment of Progress SIP. They are 20.115 tons per summer weekday of VOC and 39.893 tons per weekday of NOx, and were approved by EPA on March 25, 2006 (71 FR 14815 – 14816).

  The 2016 VOC and NOx motor vehicle emissions budgets were contained in the Portland Maine 8-hour ozone maintenance plan. They are 16.659 tons per summer

weekday of VOC and 32.837 tons per weekday of NOx, and were approved by EPA on December 11, 2006 (71 FR 71489 - 71491).

Portland, Maine 8-hour Ozone Attainment Area with a Maintenance Plan (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx Motor Vehicle Emission Budget
2012	11.044	20.115	19.298	39.893
2016	8.704	16.659	12.447	32.837
2025	5.946	16.659	6.429	32.837
2030	5.849	16.659	5.365	32.837
2035	5.945	16.659	5.151	32.837

- The Maine Department of Transportation demonstrates transportation conformity in the Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour ozone attainment area with a maintenance plan, also referred to as the Midcoast area (The Midcoast area does not include any area within a Metropolitan Planning Organization). The air quality conformity analysis satisfactorily demonstrates the emissions predicted in the "Build" scenario for future years are less than or equal to the 2002 baseline emissions (6.816 tons per summer day of VOC, and 11.317 tons per summer day of NOx) and are less than or equal to the 2016 motor vehicle emissions budgets.

  The 2016 VOC and NOx motor vehicle emissions budgets were contained in the Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour ozone maintenance plan. They are 3.763 tons per summer weekday of VOC and 6.245 tons per weekday of NOx, and were approved by EPA on December 11, 2006 (71 FR 71489 - 71491).

Hancock, Knox, Lincoln, and Waldo Counties, Maine 8-hour Ozone Attainment Area with a Maintenance Plan (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC 2002 Baseline or VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx 2002 Baseline or NOx Motor Vehicle Emission Budget
2009	2.442	6.816	3.767	11.317
2016	1.966	3.763	2.547	6.245
2025	1.405	3.763	1.481	6.245
2030	1.377	3.763	1.288	6.245
2035	1.374	3.763	1.286	6.245

- Maine's Statewide Transportation Improvement Program will neither slow down nor interfere with the maintenance plan for the Presque Isle PM_{10} attainment area.

- Maine's Transportation Improvement Program is derived from a conforming Transportation Plan and includes all regionally significant transportation projects contained in the Long Range Transportation Plan for the 2012 through 2015 time frame.

- The Statewide Transportation Improvement program utilizes the latest planning assumptions; the appropriate MOBILE6 emission factor model to develop emission factors; and the relevant Federal, State and Metropolitan Planning Organization Agencies have conducted the consultation process in accordance with the conformity rule.

If you or your staff has any questions regarding our comments, please feel free to contact Ariel Garcia of my staff at (617) 918-1660.

Sincerely,

Anne Arnold

Anne Arnold, Manager
Air Quality Planning Unit

cc: Carlos Pena, FHWA-Maine Division, Augusta, ME
Mary Beth Mello, Regional Administrator, FTA - Region 1, Cambridge, MA
Bill Gordon, FTA - Region 1, Cambridge, MA
Nathan Howard, Bureau of Planning ME DOT
Ron Severance, ME DEP
Lynne Cayting, ME DEP
Melissa Morrill, ME DEP
Tammy Gould, ME DEP
Liza Woodward, ME DEP

STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

PAUL R. LEPAGE
GOVERNOR

PATRICIA W. AHO
ACTING COMMISSIONER

September 12, 2011

Nathan Howard
MaineDOT, Bureau of Planning
Program Development & Program Management Division
16 State House Station
Augusta, ME 04333-0016

Dear Mr. Howard:

The Maine Department of Environmental Protection has completed its review of the input files and the project analyses for the draft 2012-2015 STIP/TIP conformity analysis. Our review has verified the correct use of control measures for this determination.

If you have any questions, do not hesitate to contact me at 287-6102.

Sincerely,

Melissa Morrill

Melissa Morrill
Environmental Specialist II
Mobile Sources Section
Division of Program Planning
Bureau of Air Quality
Maine Department of Environmental Protection

cc: Ariel Garcia, EPA – Region 1
Bill Gordon, FTA – Region 1
Carlos Pená, FHWA – Region 1

SOUTHERN MAINE
REGIONAL PLANNING
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Stow
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Tom Reinauer, Transportation Director

September 19, 2011

Todd Jorgensen, Division Administrator
Federal Highway Administration
Room 614, Edmund Muskie Federal Building
Augusta, ME 04330

Attn: Carlos Pena, Division Transportation Planner

Subject: KACTS' approval of the Conformity Analysis for the *2012-2015 Statewide Transportation Improvement Program* (STIP) and Connecting Maine, Maine's 2035 Long-Range Transportation Plan

Dear Mr. Jorgensen:

In accordance with Section 176 (c) of the Clean Air Act as amended in 1990, the KACTS MPO has completed its review and has determined that the 8-Hour Conformity Analysis for 2012-2015 STIP and Connecting Maine, developed by the Maine Department of Transportation is consistent with the conformity criteria published in 40 CFR parts 51 and 93.

Because southern Maine's ozone maintenance area (Portland Area) is composed of two MPOs (KACTS & PACTS) and a donut area outside of the two MPO boundaries, the total motor vehicle emissions (VOC and NOx) from all three of these areas must be combined in order to pass the conformity criteria. We have found that the VOC and NOx emissions attributable to this ozone nonattainment area pass all required conformity tests.

KACTS further certifies that all of the MPO's transportation projects included in its Long-Range Transportation Plan and Transportation Improvement Program (TIP) have been incorporated verbatim and that the MPO TIP comes from a conforming plan. If you have any questions or need further clarification please contact Nate Howard at MaineDOT at 624-3310.

Sincerely,

Tom Reinauer
Director, KACTS MPO

cc: Nate Howard, MaineDOT
Ariel Garcia, EPA – Region 1
Bill Gordon, FTA – Region 1

21 Bradeen Street . Suite 304 . Springvale, Maine 04083
207.324.2952 Voice . 207.324.2958 Fax . treinauer@smrpc.org
http://www.smrpc.org

PACTS

Portland Area Comprehensive Transportation System

Destination Tomorrow

Linking our Communities . Advancing our Region

September 13, 2011

Todd Jorgensen, Division Administrator
Federal Highway Administration
Room 614, Edmund Muskie Federal Building
Augusta, ME 04330

Attn: Carlos Pena, Division Transportation Planner

Subject: PACTS' approval of the Conformity Analysis for the *2012-2015 Statewide Transportation Improvement Program* (STIP) and Connecting Maine, Maine's 2035 Long-Range Transportation Plan

Dear Mr. Jorgensen:

In accordance with Section 176 (c) of the Clean Air Act as amended in 1990, the PACTS MPO has completed its review and has determined that the 8-Hour Conformity Analysis for 2012-2015 STIP and Connecting Maine, developed by the Maine Department of Transportation, is consistent with the conformity criteria published in 40 CFR parts 51 and 93.

Because southern Maine's ozone maintenance area (Portland Area) is composed of two MPOs (KACTS & PACTS) and a donut area outside of the two MPO boundaries, the total motor vehicle emissions (VOC and NOx) from all three of these areas must be combined in order to pass the conformity criteria. We have found that the VOC and NOx emissions attributable to this ozone nonattainment area pass all required conformity tests.

PACTS further certifies that all of the MPO's transportation projects included in its Long-Range Transportation Plan and Transportation Improvement Program (TIP) have been incorporated verbatim and that the MPO TIP comes from a conforming plan. If you have any questions or need further clarification, please contact Nate Howard at MaineDOT at 624-3310.

Sincerely,

John Duncan
Director, PACTS MPO

cc: Nate Howard, MaineDOT
Arial Garcia, EPA – Region 1
Bill Gordon, FTA – Region 1

The Metropolitan Planning Organization for the Portland Urbanized Area
68 Marginal Way • Portland, Maine 04101
Telephone: (207) 774-9891 • Fax: (207) 774-7149 • www.pactsplan.org