

10-1-2009

Air Quality Conformity Analysis for the 2010-2013 Statewide Transportation Improvement Program

Maine Department of Transportation

Maine Department of Environmental Protection

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Air Quality Conformity Analysis

for the 2010-2013
Statewide Transportation
Improvement Program

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 2009



Air Quality Conformity Analysis

2010-2013 Statewide Transportation Improvement Program

October 2009

Prepared by:

Maine Department of Transportation
Bureau of Planning
16 State House Station
Augusta, ME 04333-0016

With Assistance from:

Maine Department of Environmental Protection
Bureau of Air Quality
17 State House Station
Augusta, Maine 04333

CONTENTS

AIR QUALITY CONFORMITY ANALYSIS.....	1
INTRODUCTION	1
MAINE'S AIR QUALITY DESIGNATIONS.....	1
Ozone	2
Particulate Matter (PM ₁₀)	4
CONFORMITY REQUIREMENTS	4
Regional Emissions Analysis	4
Localized PM ₁₀ Hot-Spot Analysis.....	5
APPLICABLE TRANSPORTATION PLANS AND PROGRAMS	5
Transportation Plans	6
Transportation Improvement Programs	6
INTERAGENCY CONSULTATION	7
METHODOLOGY	8
Interagency Consultation	8
Travel Demand Modeling	8
Mobile 6.2 Emissions Modeling.....	10
Build Scenario Emissions.....	12
Conformity Determination.....	12
Public Comment.....	12
CONFORMITY TESTS	12
ANALYSIS RESULTS	13
CONFORMITY DETERMINATION.....	14
Conclusion	15

APPENDICES

APPENDIX A: Project Analysis.....	A-1
APPENDIX B: VMT Growth Projections	B-1
APPENDIX C: Annual VMT Projections	C-1
APPENDIX D: 2005 VMT per Day Unfactored and Seasonally Factored.....	D-1
APPENDIX E: VMT Distribution for Mobile 6.2 Run Years	E-1

APPENDIX F: Mobile 6.2 Input Files	F-1
APPENDIX G: Town VMT by Year, Federal Functional Class, and Average Speed.....	G-1
APPENDIX H: Idling Emissions Factors	H-1
APPENDIX I: Mobile 6.2 Emission Factors by County and Year	I-1
APPENDIX J: Emissions by Town and Year.....	J-1
APPENDIX K: Commuter Emssion Factors	K-1
APPENDIX L: Approval Letters.....	L-1

LIST OF FIGURES

Figure 1: Maine’s Ozone Maintenance Areas	3
Figure 2: Presque Isle PM₁₀ Maintenance Area	4
Figure 3: Conformity Process Flow	9

LIST OF TABLES

Table 1: Maine’s Ozone Maintenance Areas by County and Municipality.....	3
Table 2: 8-Hour Ozone Conformity Tests	13
Table 3: Portland Area Project Emission Reductions	14
Table 4: Midcoast Area Project Emission Reductions	14
Table 5: Portland Area Conformity Tests	15
Table 6: Midcoast Area Conformity Tests	15

Air Quality Conformity Analysis

INTRODUCTION

This report documents the air quality conformity determination for the 2010-2013 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 Portland Area Comprehensive Transportation Committee (PACTS) Metropolitan Planning Organization (MPO) and Kittery Area Comprehensive Transportation Study (KACTS) Metropolitan Planning Organization.

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 projects¹, 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.

¹ Please note: there are several projects listed in *Section III Regionally Significant Projects* of the 2010-2013 STIP that may impact transportation conformity but were not included in this air quality conformity analysis. These projects are applications for American Recovery and Reinvestment Act (ARRA) discretionary funding and will be included in an amended conformity analysis if and when funds are ultimately awarded.

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 PM₁₀. No carbon monoxide, lead, nitrogen oxides, or sulfur dioxide nonattainment areas have been identified in Maine.

Ozone

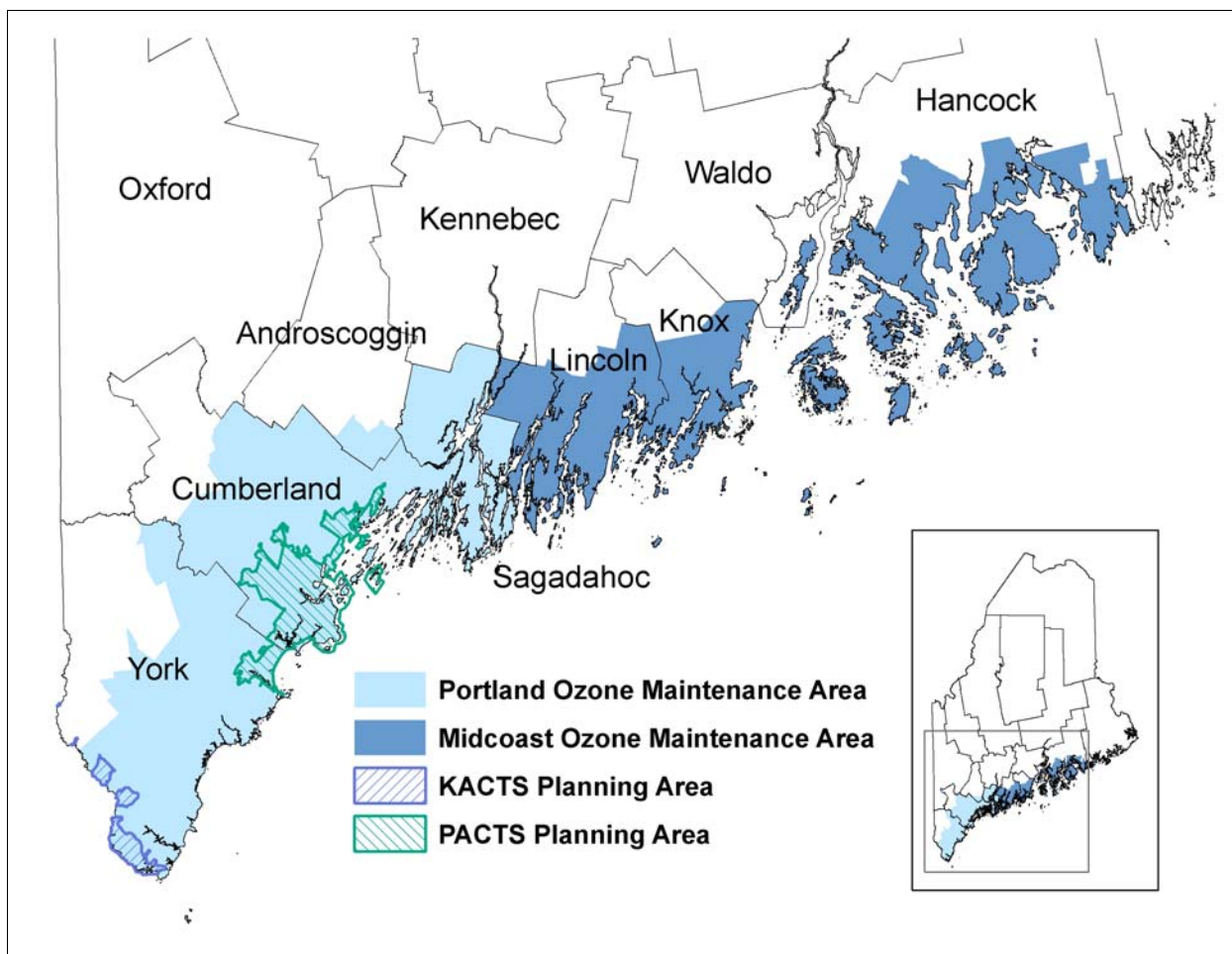
In 1997, the EPA issued the 8-hour Ozone NAAQS. Based on the available evidence, EPA determined that the previous 1-hour ozone standard was inadequate for protecting public health. Scientific information shows that ozone can affect human health at lower levels, and over longer exposure times than one hour. The 8-hour NAAQS for Ozone was revised on March 27, 2008² 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.

On December 11, 2006 EPA published the final rule³ 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.

² Office of the Federal Register, *Federal Register*: March 27, 2008 (Volume 73, Number 60), (Government Printing Office), 16436-16514.

³ 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 (PM₁₀)

Maine had one nonattainment area for particulate matter (PM₁₀) 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 PM₁₀ maintenance area.

Subsequent analysis of the Presque Isle area by MaineDEP determined that the documented exceedences of the PM₁₀ 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.

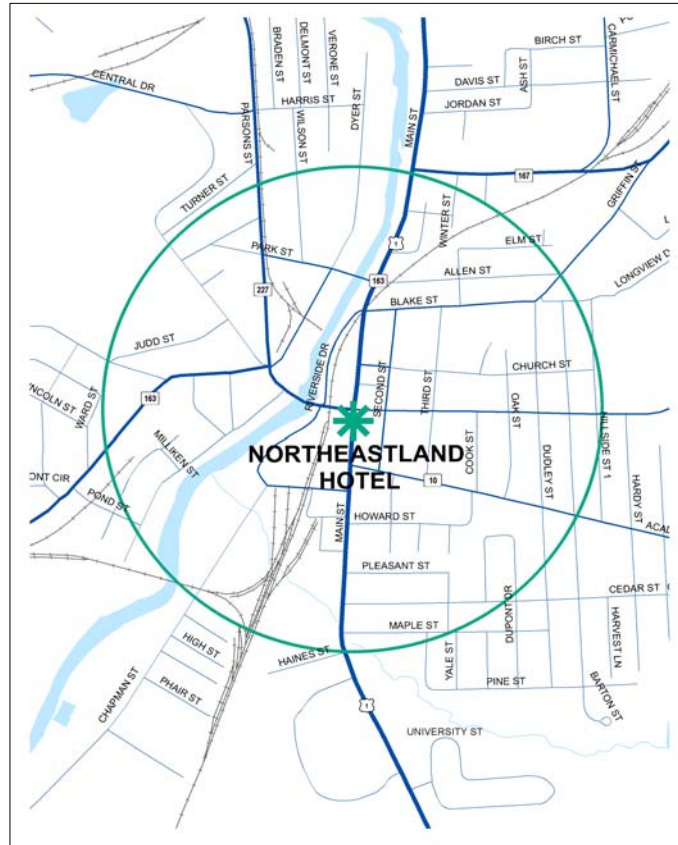


Figure 2: Presque Isle PM₁₀ Maintenance Area

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 (NO_x) are the primary reactants. Thus, under the EPA conformity regulations, both VOC and NO_x must be analyzed for regional transportation conformity in ozone nonattainment and maintenance areas.

Regional Emissions Analysis

The federal transportation conformity rule⁴ 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).

⁴ 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 regulation⁵.

Localized PM₁₀ 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 PM₁₀ violations or increase the frequency or severity of existing violations in PM₁₀ 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 PM₁₀ 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/Trans-Planning.php>. Links to Maine's four MPOs, the agencies primarily responsible for transportation planning in the

⁵ 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/planning-process-programs/mpo.php>.

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. MaineDOT is responsible for preparing a statewide long-range transportation plan. The statewide transportation plan must be consistent with the MPO transportation plans.

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.

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 2010-2013 STIP constitutes MaineDOT's plan for obligating federal funds provided by FHWA and FTA for federal fiscal years 2008-2011, beginning October 1, 2009. The STIP also incorporates the TIPs, and associated projects, from Maine's four MPOs. Therefore, the conformity determination for 2010-2013 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:

- 2010-2013 Statewide Transportation Improvement Program
- 2010-2013 PACTS Transportation Improvement Program
- 2010-2013 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 regulation⁶. 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 9, 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

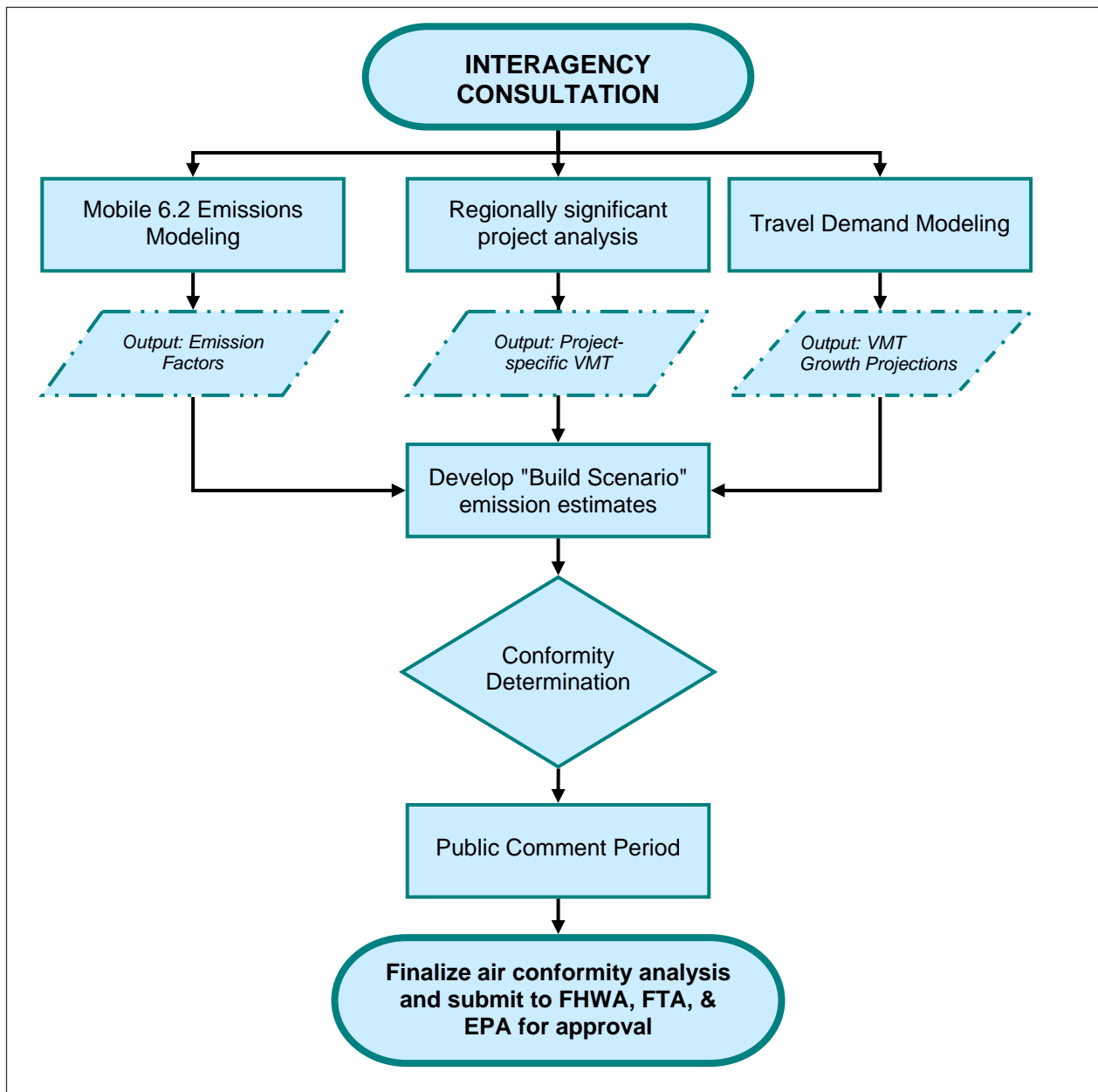
As illustrated in Figure 3, interagency consultation is the initial step in the transportation conformity process. The interagency consultation committee serves both a technical and regulatory reference and a decision-making body regarding key planning assumptions and other factors. Specifically, the 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 REMI⁷ (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.

⁶ Ibid.

⁷ 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 year⁸ 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 (NO_x), 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

⁸ The base year VMT for this conformity determination is 2008. VMT estimates for all highways in the State were generated using actual traffic counts taken during the 2008 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 NO_x):

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

The ATP modeled in the conformity analysis includes annual inspections for catalytic converters for all light-duty gas vehicles and trucks (1983 models and newer). The model runs also include ATP and I/M for annual gas cap inspection and gas cap pressure testing for all light-duty gas vehicles and trucks (1974 models and newer) in Cumberland County only⁹.

The State of Maine requires an On-Board Diagnostic (OBD) inspection for vehicles model year 1996 and newer in Cumberland County. However, the MOBILE6.2 model runs, on Pages F9 and F18, for Cumberland County did not include the OBD I/M modeling parameters. MaineDOT does not take credit for this program because the state does not have an electronic reporting system. Thus pass/failure rates are unclear. If the OBD program was included in the model runs, the analysis would result in even lower emissions in Cumberland County. Therefore, this omission does not affect the conformity tests on page 13.

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 counties¹⁰.

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 standards¹¹. 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

The model runs also include Stage II ("at-the-pump") vapor recovery systems for gas stations in York, Cumberland, and Sagadahoc counties. However, only gas stations that exceed the applicability threshold of 1,000,000 gallons per year are subject to Stage II¹². MaineDEP makes adjustments for vapor recovery system efficiency (86%) and Stage II station throughput for the three counties.

⁹ MRSA 29-A §1751. *Motor vehicle inspection*. As amended 2001.

¹⁰ Maine Department of Environmental Protection. 06-096 CMR Chapter 119. *Motor Vehicle Fuel Volatility Limit*. As amended June 1, 2000.

¹¹ Maine Department of Environmental Protection. 06-096 CMR Chapter 127. *New Motor Vehicle Emission Standards*. As amended December 19, 2005.

¹² Maine Department of Environmental Protection. 06-096 CMR Chapter 118. *Gasoline Dispensing Facilities Vapor Control*. As amended July 25, 1995.

As of January 1, 2012, Stage II is no longer required in Maine¹³; therefore, Stage II was not included in the model runs for 2016 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 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 NO_x 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 PM₁₀. As noted earlier, the conformity requirements for PM₁₀ are satisfied if the plan or STIP does not contain projects that significantly increase the number of diesel vehicles within the Presque Isle PM₁₀ 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/air-quality-noise/air-quality-noise.php>.

The 2010-2013 STIP is available on the web at <http://www.maine.gov/mdot/planning-documents/planning-docs-home.php>.

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

¹³ MRSA 38 § 585-E. Gasoline station vapor recovery requirements. As amended 2007.

highway-mobile sources within an area for a certain date. Maine currently has MVEBs for VOC and NO_x 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 on page 13. 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 2011 must be equal to or less than the 2007 MVEBs. Midcoast area build emissions in 2025 must be equal to or less than the 2016 MEVBs and build emissions for 2011 must be less than or equal to 2002 Baseline Emissions. The applicable conformity tests are shown in Table 2.

Table 2: 8-Hour Ozone Conformity Tests

Area	Required Tests	Emissions Budget			
		VOC		NO _x	
		kg/day	tons/day	kg/day	tons/day
Portland	Build Emissions < or = 2007 MVEBs ¹⁴	18,253.15	20.115	36,200.54	39.893
	Build Emissions < or = 2016 MVEBs ¹⁵	15,117.06	16.659	29,797.64	32.837
Midcoast	Build Emissions < or = 2002 Baseline Emissions ¹⁶	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. For the Midcoast area, the analysis years for this conformity analysis are 2011, 2016, 2025, and 2030. The analysis years for the Portland area are 2011, 2016, 2025, and 2030.

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 areas in Appendix C. The resulting increase or decrease in emissions from all regionally significant projects in the 2010-2013 STIP and the 2010-2013 PACTS and KACTS TIPs is, therefore, reflected in the conformity tests in Tables 5 and 6.

¹⁴ 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.

¹⁵ 2016 MVEBs were approved by EPA on December 11, 2006 and became effective January 10, 2007. See footnote 1 for citation.

¹⁶ 2002 is the base year for both of the Portland and Midcoast maintenance plans.

Table 3: Portland Area Project Emission Reductions

Portland Area Project Emissions (kg per summer day)								
PIN #	2011		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
11086	VMT FORECAST							
14813	VMT FORECAST							
15634	VMT FORECAST							
17243	VMT FORECAST							
17343	N/A							
17460	0.252	-0.596	0.414	-0.053	0.409	0.162	0.493	0.303
Downeaster	2.504	2.448	2.093	1.718	1.859	1.454	2.247	1.596
17490	0	0	1.661	1.346	0.950	0.738	0.905	0.635
Total	2.756	1.852	4.168	3.010	3.218	2.354	3.644	2.533

Table 4: Midcoast Area Project Emission Reductions

Midcoast Area Project Emissions (kg per summer day)								
PIN #	2011		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
17163	5.669	2.738	3.777	1.825	4.093	3.745	4.888	5.196
17258	VMT FORECAST							
Total	5.669	2.738	3.777	1.825	4.093	3.745	4.888	5.196

CONFORMITY DETERMINATION

A regional emissions analysis for VOC and NOx was conducted for both the 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	2011		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	12.167	22.560	8.995	12.959	6.126	6.666	6.023	5.551
Budget	20.115	39.893	16.659	32.837	16.659	32.837	16.659	32.837
Result	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

Table 6: Midcoast Area Conformity Tests

Midcoast Area Conformity Tests (tons per summer day)								
Test	2011		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	2.359	3.773	1.755	2.295	1.253	1.332	1.218	1.156
Budget	6.816	11.317	3.763	6.245	3.763	6.245	3.763	6.245
Result	PASS	PASS	PASS	PASS	PASS	PASS	PASS	PASS

The 10-13 STIP and the MPO TIPs do not contain any transportation projects that significantly increase the number of diesel vehicles within the Presque Isle PM₁₀ maintenance area. Thus, a PM₁₀ hot-spot determination is not required.

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 PM₁₀ hot-spot determination is not required, the conditions for the Presque Isle PM₁₀ maintenance area have also been satisfied. Therefore, the 10-13 STIP and the 10-13 PACTS and KACTS TIPs 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: Project Analysis Appendix List

Pin #	Project	8-Hour Ozone Maintenance Area	Page
11086.00	Yarmouth - I-295 Exit 15 Improvements and Park & Ride Lot	Portland	A-2
14813.00	Old Orchard Beach - Route 5 Roundabout	Portland	A-2
15634.00	Portland - I-295 Exits 7 & 8 Improvements	Portland	A-2
17163.00	Trenton - Acadia Welcome Center	Midcoast	A-3
17243.00	Gorham - Roundabout at Brackett Road, Libby Avenue, and Portland Road	Portland	A-4
17258.00	Blue Hill - Roundabout at Route 15, Route 172, and Beech Hill Road	Midcoast	A-4
17343.00	Scarborough - Intersection improvements at Dunstan Corner	Portland	A-4
17460.00	Brunswick - Greenwheels Explorer	Portland	A-5
N/A	Portland to Brunswick Downeaster Expansion	Portland	A-6
17490.00	Yarmouth - Exit 15 Park and Ride	Portland	A-7

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

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-7 under PIN 17490.00.

PIN 14813.00, Old Orchard Beach - Route 5 Roundabout Project Analysis

Summary:

PIN 14813.00 includes the construction of a roundabout at the intersection of Ocean Park Road, Saco Avenue, Temple Road, Old Salt Road, Harnois Road and Old Orchard Road. The existing and future VMT associated with the this projects is accounted for in the PACTS Travel Demand Model.

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

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 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
2011	36	8	1184	10964	1092	2.747	3.909	0.740	0.611	5.669	2.738
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

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 17243.00, Gorham - Roundabout at Brackett Road, Libby Avenue, and Portland Road Project Analysis

Summary:

PIN 17243.00 includes the construction of a roundabout to reduce congestion and improve safety at the intersections of Brackett Road, Libby Avenue, and Portland Road. The project is not expected to increase VMT and is, therefore, accounted for in the VMT forecasts contained within the conformity determination.

PIN 17258.00, Blue Hill - Roundabout at Route 15, Route 172, and Beech Hill Road Project Analysis

Summary:

PIN 17258 includes the construction of a roundabout to reduce congestion and improve safety at the intersection of Route 15, Route 172, and Beech Hill Road. The project is not expected to increase VMT and is, therefore, accounted for in the VMT forecasts contained within the conformity determination.

PIN 17343.00, Scarborough - Intersection improvements at Dunstan Corner Project Analysis

Summary:

PIN 17343.00 includes preliminary engineering for intersection improvements at U.S. Route 1, Payne Road, Pine Point Road, and Broad Turn Road, known locally as Dunstan Corner. Depending on the scope of improvements, this project may require a conformity analysis before moving into the right-of-way and construction phases.

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	Miles 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
2011	9	20	180	102	1252	3.323	7.016	0.628	0.493	0.252	-0.596
2016	9	20	180	131	1607	1.796	3.029	0.424	0.283	0.414	-0.053
2025	9	20	180	183	2245	1.098	1.176	0.250	0.154	0.409	0.162
2030	9	20	180	212	2601	0.999	0.378	0.239	0.132	0.493	0.303

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 27 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).

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. A pending grant application for ARRA funding includes track and signal infrastructure upgrades and construction of station platforms and amenities at Freeport and Brunswick.

Table A-4: 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
2011	100	61	76	4,663	61	0.537	0.525	2.504	2.448
2016	122	75	76	5,688	61	0.368	0.302	2.093	1.718
2025	189	116	76	8,812	61	0.211	0.165	1.859	1.454
2030	241	148	76	11,237	61	0.200	0.142	2.247	1.596

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 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-10: 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
2011	0	0	0	0	0	0
2016	150	4500	0.369	0.299	1.661	1.346
2025	150	4500	0.211	0.164	0.950	0.738
2030	150	4500	0.201	0.141	0.905	0.635

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).

-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 2030	Average Summer DVMT Growth Increment 2016 to 2030
01	ANDROSCOGGIN	1.63%	24,577	0.39%	12,446
03	AROOSTOOK	2.65%	8,951	0.28%	7,078
05	CUMBERLAND	2.54%	83,434	0.46%	48,023
07	FRANKLIN	2.39%	7,382	0.47%	5,418
09	HANCOCK	3.82%	18,181	0.30%	7,948
11	KENNEBEC	1.93%	29,247	0.45%	21,311
13	KNOX	4.91%	9,966	0.43%	5,287
15	LINCOLN	1.79%	8,018	0.24%	3,341
17	OXFORD	1.73%	18,459	0.38%	7,515
19	PENOBSCOT	2.05%	59,006	0.51%	29,468
21	PISCATAQUIS	2.25%	2,213	0.08%	505
23	SAGadahoc	0.05%	9,255	0.32%	4,742
25	SOMERSET	1.96%	23,174	0.54%	12,494
27	WALDO	1.67%	15,258	0.56%	7,926
29	WASHINGTON	0.71%	19,853	0.47%	6,949
31	YORK	1.32%	59,693	0.52%	40,235

CODE	COUNTY	Growth Factor 1995 to 2030
01	ANDROSCOGGIN	1.403
03	AROOSTOOK	1.593
05	CUMBERLAND	1.612
07	FRANKLIN	1.584
09	HANCOCK	1.843
11	KENNEBEC	1.480
13	KNOX	2.111
15	LINCOLN	1.408
17	OXFORD	1.421
19	PENOBSCOT	1.517
21	PISCATAQUIS	1.468
23	SAGadahoc	1.057
25	SOMERSET	1.505
27	WALDO	1.445
29	WASHINGTON	1.222
31	YORK	1.363

-C-

ANNUAL VMT PROJECTIONS

Annual VMT Projections

	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York	
Actual	1990	749,451,945	2,342,631,937	561,524,946	294,037,083	315,608,058	344,306,588	322,828,645	1,657,421,722
	1991	720,199,805	2,380,677,372	569,507,635	287,424,838	309,764,079	343,326,019	316,953,988	1,659,663,464
	1992	731,240,266	2,440,997,776	587,598,243	300,737,753	320,223,005	356,760,913	334,155,383	1,653,575,195
	1993	737,648,060	2,389,170,758	607,111,442	306,304,164	321,019,617	363,522,465	340,578,664	1,668,094,705
	1994	770,168,484	2,456,512,379	629,085,472	315,312,711	329,480,835	370,807,026	349,366,013	1,687,684,726
	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	957,815,994	3,085,745,965	711,735,646	350,518,757	380,384,409	444,570,351	404,298,066	2,204,512,708
Projected	2010	965,492,303	3,111,324,119	716,780,329	353,511,094	382,640,592	447,435,410	408,916,278	2,222,186,031
	2011	973,168,611	3,136,902,273	721,825,011	356,503,431	384,896,775	450,300,469	413,534,491	2,239,859,355
	2012	979,329,335	3,158,513,457	725,733,953	358,933,811	386,626,534	452,606,694	417,265,019	2,255,672,671
	2013	985,490,060	3,180,124,641	729,642,895	361,364,192	388,356,294	454,912,920	420,995,546	2,271,485,987
	2014	991,650,784	3,201,735,825	733,551,837	363,794,572	390,086,053	457,219,145	424,726,074	2,287,299,303
	2015	997,811,508	3,223,347,009	737,460,779	366,224,953	391,815,812	459,525,370	428,456,602	2,303,112,619
	2016	1,003,972,232	3,244,958,193	741,369,722	368,655,333	393,545,571	461,831,596	432,187,130	2,318,925,936
	2017	1,007,859,579	3,259,254,233	743,575,053	370,242,779	394,485,695	463,299,571	434,586,130	2,330,875,518
	2018	1,011,746,927	3,273,550,273	745,780,385	371,830,225	395,425,818	464,767,546	436,985,131	2,342,825,100
	2019	1,015,634,274	3,287,846,313	747,985,717	373,417,671	396,365,941	466,235,521	439,384,132	2,354,774,682
	2020	1,019,521,622	3,302,142,353	750,191,048	375,005,117	397,306,064	467,703,496	441,783,132	2,366,724,264
	2021	1,023,408,969	3,316,438,393	752,396,380	376,592,563	398,246,188	469,171,471	444,182,133	2,378,673,846
	2022	1,027,296,316	3,330,734,432	754,601,712	378,180,009	399,186,311	470,639,446	446,581,134	2,390,623,428
	2023	1,031,183,664	3,345,030,472	756,807,043	379,767,455	400,126,434	472,107,421	448,980,134	2,402,573,010
	2024	1,035,071,011	3,359,326,512	759,012,375	381,354,900	401,066,557	473,575,396	451,379,135	2,414,522,592
	2025	1,038,958,359	3,373,622,552	761,217,707	382,942,346	402,006,681	475,043,371	453,778,136	2,426,472,174
	2026	1,042,845,706	3,388,384,665	763,423,038	384,529,792	402,946,804	476,511,346	456,177,136	2,438,379,595
	2027	1,046,733,053	3,403,146,778	765,628,370	386,117,238	403,886,927	477,979,321	458,576,137	2,450,287,017
	2028	1,050,620,401	3,417,908,891	767,833,702	387,704,684	404,827,051	479,447,297	460,975,138	2,462,194,438
	2029	1,054,507,748	3,432,671,003	770,039,033	389,292,130	405,767,174	480,915,272	463,374,138	2,474,101,859
	2030	1,058,395,096	3,447,433,116	772,244,365	390,879,576	406,707,297	482,383,247	465,773,139	2,486,009,281

-D-

2008 VMT PER DAY,
UNFACTORED AND
SEASONALLY FACTORED

2008 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local	Principal Arterial Interstate	Arterial, Other Frwy & Exp.	Other Principal Arterial	Minor Arterials	Major Collectors	Minor Collectors	Total Classification
				(9 & 19)	(1 & 11)	(12)	(2 & 14)	(6 & 16)	(7 & 17)	(8)	
01	Androscoggin	Rural		185,899	48,814		302,662	238,459	129,322	126,991	1,032,147
			1.17	216,230	59,553		353,513	280,447	150,134	147,688	1,207,565
		Urban		171,213	202,271	37,600	578,956	280,138	300,798		1,570,976
			1.17	198,607	246,771	43,616	671,588	324,960	348,926		1,834,468
Total Unfactored				357,112	251,086	37,600	881,618	518,596	430,120	126,991	2,603,122
Total Seasonally Factored				414,836	306,324	43,616	1,025,101	605,407	499,060	147,688	3,042,033
03	Aroostook	Rural		230,134	184,487		417,382	373,123	530,607	135,254	1,870,987
			1.17	268,022	210,315		475,983	436,279	630,069	158,920	2,179,587
		Urban		38,445	2,899	7,808	53,969	75,712	81,773		260,608
			1.16	44,596	3,305	9,057	62,605	87,856	94,857		302,276
Total Unfactored				268,579	187,386	7,808	471,352	448,836	612,380	135,254	2,131,595
Total Seasonally Factored				312,619	213,620	9,057	538,588	524,135	724,926	158,920	2,481,863
05	Cumberland	Rural		506,165	1,418,395		478,029	481,885	660,168	255,548	3,800,188
			1.21	607,321	1,686,438		595,336	570,927	810,803	309,416	4,580,241
		Urban		386,497	1,179,870	340,941	684,222	853,450	1,138,854		4,583,833
			1.18	450,778	1,396,637	407,078	797,871	998,998	1,350,433		5,401,794
Total Unfactored				892,661	2,598,265	340,941	1,162,251	1,335,335	1,799,022	255,548	8,384,021
Total Seasonally Factored				1,058,099	3,083,076	407,078	1,393,207	1,569,926	2,161,236	309,416	9,982,035
07	Franklin	Rural		113,404			270,764	237,795	272,338	29,003	923,304
			1.20	135,084			320,513	271,047	336,614	35,645	1,098,904
		Total Unfactored				113,404	0	0	270,764	237,795	272,338
Total Seasonally Factored				135,084	0	0	320,513	271,047	336,614	35,645	1,098,904
09	Hancock	Rural		277,750			482,005	393,783	540,376	242,225	1,936,140
			1.33	376,609			592,486	531,987	728,344	317,484	2,546,909
		Total Unfactored				277,750	0	0	482,005	393,783	540,376
Total Seasonally Factored				376,609	0	0	592,486	531,987	728,344	317,484	2,546,909
11	Kennebec	Rural		367,802	954,831		136,521	605,509	659,606	190,818	2,915,088
			1.16	429,424	1,090,757		163,399	710,678	772,799	224,248	3,391,305
		Urban		80,309	213,970		26,202	442,288	223,041		985,809
			1.16	93,158	248,206		30,394	513,054	258,728		1,143,539
Total Unfactored				448,111	1,168,801	0	162,723	1,047,797	882,647	190,818	3,900,897
Total Seasonally Factored				522,582	1,338,963	0	193,793	1,223,731	1,031,526	224,248	4,534,843

2008 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local	Principal Arterial Interstate	Arterial, Other Frwy & Exp.	Other Principal Arterial	Minor Arterials	Major Collectors	Minor Collectors	Total Classification		
				(9 & 19)	(1 & 11)	(12)	(2 & 14)	(6 & 16)	(7 & 17)	(8)			
13	Knox	Rural		145,206			210,116	212,132	176,215	100,363	844,033		
			1.22	175,120			257,289	258,801	211,823	124,385	1,027,418		
		Urban		15,651			46,261	17,348	28,834		108,094		
			1.20	18,227			56,439	21,164	34,192		130,022		
Total Unfactored				160,857	0	0	256,377	229,480	205,049	100,363	952,127		
Total Seasonally Factored				193,347	0	0	313,728	279,965	246,014	124,385	1,157,439		
15	Lincoln	Rural		137,331			308,920	163,730	268,590	157,397	1,035,968		
			1.31	177,647			386,333	220,611	352,099	207,098	1,343,788		
		Total Unfactored				137,331	0	0	308,920	163,730	268,590	157,397	1,035,968
		Total Seasonally Factored				177,647	0	0	386,333	220,611	352,099	207,098	1,343,788
17	Oxford	Rural		266,878			538,535	156,825	352,932	176,339	1,491,509		
			1.22	317,090			666,352	184,083	436,903	211,517	1,815,945		
		Urban		10,732			25,311	6,609	7,693		50,346		
			1.16	12,449			29,430	7,667	8,924		58,470		
Total Unfactored				277,610	0	0	563,847	163,434	360,625	176,339	1,541,854		
Total Seasonally Factored				329,539	0	0	695,782	191,750	445,826	211,517	1,874,415		
19	Penobscot	Rural		333,725	1,049,948		176,787	537,428	675,143	223,375	2,996,406		
			1.17	389,160	1,203,735		215,119	624,419	799,983	261,984	3,494,400		
		Urban		210,254	404,283		272,160	482,373	309,749		1,678,819		
			1.17	243,901	476,958		316,171	559,553	359,442		1,956,025		
Total Unfactored				543,979	1,454,231	0	448,947	1,019,801	984,893	223,375	4,675,226		
Total Seasonally Factored				633,061	1,680,693	0	531,290	1,183,972	1,159,426	261,984	5,450,425		
21	Piscataquis	Rural		89,285				233,539	123,794	39,411	486,029		
			1.22	108,529				276,024	155,409	48,714	588,677		
		Total Unfactored				89,285	0	0	0	233,539	123,794	39,411	486,029
		Total Seasonally Factored				108,529	0	0	0	276,024	155,409	48,714	588,677
23	Sagadahoc	Rural		82,518	403,455		233,285		196,942	78,245	994,445		
			1.19	103,496	451,870		280,013		242,439	95,973	1,173,789		
		Urban		37,717		30,003	54,621	19,293	74,073		215,706		
			1.17	43,758		36,604	63,616	22,379	86,694		253,051		
Total Unfactored				120,235	403,455	30,003	287,906	19,293	271,015	78,245	1,210,151		
Total Seasonally Factored				147,254	451,870	36,604	343,629	22,379	329,132	95,973	1,426,841		

2008 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local	Principal Arterial Interstate	Arterial, Other Frwy & Exp.	Other Principal Arterial	Minor Arterials	Major Collectors	Minor Collectors	Total Classification
				(9 & 19)	(1 & 11)	(12)	(2 & 14)	(6 & 16)	(7 & 17)	(8)	
25	Somerset	Rural		196,902	303,861		523,453	220,209	405,715	54,237	1,704,378
			1.18	234,235	340,325		630,459	254,640	480,087	63,596	2,003,341
		Urban		11,151			80,098		32,727		123,976
			1.20	12,935			97,638		38,045		148,619
Total Unfactored				208,053	303,861	0	603,551	220,209	438,443	54,237	1,828,354
Total Seasonally Factored				247,170	340,325	0	728,097	254,640	518,132	63,596	2,151,959
27	Waldo	Rural		157,126	15,145		413,561		265,836	104,936	956,604
			1.21	185,377	16,963		513,206		314,158	124,329	1,154,033
		Urban		11,640			82,697	21,053	23,019		138,409
			1.20	13,502			101,697	24,422	26,838		166,459
Total Unfactored				168,766	15,145	0	496,257	21,053	288,856	104,936	1,095,013
Total Seasonally Factored				198,879	16,963	0	614,903	24,422	340,996	124,329	1,320,493
29	Washington	Rural		156,761			275,218	240,619	362,439	83,502	1,118,539
			1.22	187,033			349,200	293,911	435,478	100,397	1,366,019
Total Unfactored				156,761	0	0	275,218	240,619	362,439	83,502	1,118,539
Total Seasonally Factored				187,033	0	0	349,200	293,911	435,478	100,397	1,366,019
31	York	Rural		686,122	1,697,235		478,422	755,316	659,754	324,719	4,601,567
			1.26	839,631	2,187,344		554,969	934,983	841,106	393,521	5,751,555
		Urban		188,508	250,928	23,470	153,805	364,204	408,859		1,389,774
			1.18	220,661	303,844	26,853	178,414	425,342	479,549		1,634,662
Total Unfactored				874,629	1,948,163	23,470	632,227	1,119,520	1,068,613	324,719	5,991,341
Total Seasonally Factored				1,060,292	2,491,188	26,853	733,383	1,360,325	1,320,656	393,521	7,386,217
	Statewide	Rural	Unfactored	3,933,008	6,076,171	0	5,245,659	4,850,350	6,279,780	2,322,363	28,707,331
			Summer	4,750,007	7,247,299	0	6,354,172	5,848,837	7,698,246	2,824,915	34,723,476
		Urban	Unfactored	1,162,116	2,254,223	439,821	2,058,301	2,562,468	2,629,420	0	11,106,350
			Summer	1,352,572	2,675,721	523,207	2,405,863	2,985,395	3,086,628	0	13,029,386

-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
2011	33.67%	39.73%	13.65%	3.57%	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%	100.00%
2030	27.88%	43.88%	15.07%	3.64%	0.03%	0.22%	8.46%	0.51%	0.30%	100.00%

-F-

MOBILE6.2 INPUT FILES

* Run for 10 - 13 STIP Conformity Analysis
 * Androscoggin County - Analysis Years: 2011, 2016, 2025, and 2030
 * 2008 Added for limited inventory purposes only
 *
 * 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 : Andro
 SPREADSHEET : Andro

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]
 * 2008 Speed 45 mph (45) Minor Arterial [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 45 mph (45) Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 7 - Speed 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC7]
* 2008 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 47 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 47 [FC8]
 * 2008 Speed 47 mph (47) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 47 mph (47) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2011
 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 48 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC9]

* 2008 Speed 48 mph (48) Rural Local [Arterial]

CALENDAR YEAR : 2008

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]

* 2011 Speed 48 mph (48) Rural Local [Arterial]

CALENDAR YEAR : 2011

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

* 2008 Speed 0 mph (less than 2.5)

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10 - 13 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 Added for limited inventory purposes only
*
* 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 : AndroLEV
SPREADSHEET : AndroLEV

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]
* 2008 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
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

* FC 7 - Speed 45 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 45 [FC7]
 * 2008 Speed 45 mph (45) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 45 mph (45) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2011
 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 47 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 47 [FC8]
* 2008 Speed 47 mph (47) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 47 mph (47) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
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 48 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC9]
* 2008 Speed 48 mph (48) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]

* 2011 Speed 48 mph (48) Rural Local [Arterial]
 CALENDAR YEAR : 2011
 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
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
 * 2011 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2011
 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 10-13 STIP Conformity Analysis
* Cumberland County - Analysis Years: 2011 (last year of Stage II program)
* 2008 run for limited inventory purposes only
*
* Run with Stage 2 refueling (calculation below):
* $\text{LDGV/T effectiveness } 86 \text{ percent} \times [(\text{LDGV/T Stage II Gas } 137,862 + 100,468 + 34,607) / \text{Total Gas } 523,284]$
* $\text{HDGV effectiveness } 86 \text{ percent} \times [(\text{HDGV Stage II Gas } 22,011) / \text{Total Gas } 523,284]$
*
* With ATP catalyst removal and gas cap; and gas cap pressure 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 : 11Cumb
SPREADSHEET : 11Cumb

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

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

STAGE II REFUELING :

95 3 45. 4.

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]
* 2008 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]
 * 2008 Speed 39 mph (39) Other Principal Arterial [Freeway]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 39 mph (39) Other Principal Arterial [Freeway]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 39 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 42 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
 * 2008 Speed 42 mph (42) Minor Arterial [Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
 * 2011 Speed 42 mph (42) Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 42 [FC7]
 * 2008 Speed 42 mph (42) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 42 mph (42) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2011

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]
* 2008 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 47 [FC9]
* 2008 Speed 47 mph (47) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 47 mph (47) Rural Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]
* 2008 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]
* 2011 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC12]
* 2008 Speed 46 mph (46) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2008
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]
* 2011 Speed 46 mph (46) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 28 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
* 2008 Speed 28 mph (28) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
* 2011 Speed 28 mph (28) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 27 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 27 [FC16]
* 2008 Speed 27 mph (27) Urban Minor Arterial[Arterial]

CALENDAR YEAR : 2008
EVALUATION MONTH : 7

ALTITUDE : 1
 AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 27 [FC16]
 * 2011 Speed 27 mph (27) Urban Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 27 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 27 [FC17]
 * 2008 Speed 27 mph (27) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 27 mph (27) Urban Collector [Arterial]
 CALENDAR YEAR : 2011
 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]
 * 2008 Speed 32 mph (32) Urban Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 32 mph (32) Urban Local [Arterial]
 CALENDAR YEAR : 2011
 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
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008

EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN :

* Run for 10-13 STIP Conformity Analysis
* Cumberland County - Analysis Years: 2016, 2025 and 2030
*
* 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 : 16Cumb
SPREADSHEET : 16Cumb

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

* 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]
* 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

* FC 2 - Speed 39 - Freeway
*

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

* FC 6 - Speed 42 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
 * 2016 Speed 42 mph (42) Minor Arterial [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 [FC6]
 * 2025 Speed 42 mph (42) Minor Arterial [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 [FC6]
 * 2030 Speed 42 mph (42) Minor Arterial [Arterial]
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial
 *

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 41 - Arterial
 *

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

* FC 9 - Speed 47 - Arterial
 *

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 11 - Speed 59 - Freeway
*

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]
* 2016 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]
* 2025 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]
* 2030 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial
*

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

* FC 14 - Speed 28 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
 * 2016 Speed 28 mph (28) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2016
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
 * 2025 Speed 28 mph (28) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2025
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
 * 2030 Speed 28 mph (28) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 27 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 27 [FC16]
* 2016 Speed 27 mph (27) Urban Minor 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 [FC16]
* 2025 Speed 27 mph (27) Urban Minor 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 [FC16]
* 2030 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 27 - Arterial
*

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

* FC 19 - Speed 32 - Arterial
*

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
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

* Idling - Speed 2.5 - Arterial
*
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 10-13 STIP Conformity Analysis
 * Cumberland County - Analysis Years: 2011 (last year of Stage II program)
 * 2008 run for limited inventory purposes only
 *
 * Run with Stage 2 refueling (calculation below):
 * LDGV/T effectiveness 86 percent X [(LDGV/T Stage II Gas 137,862 + 100,468 + 34,607) / Total Gas 523,284]
 * HDGV effectiveness 86 percent X [(HDGV Stage II Gas 22,011) / Total Gas 523,284)
 *
 * With ATP catalyst removal and gas cap; and gas cap pressure 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 : 11CumbLV
 SPREADSHEET : 11CumbLV

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

* 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

STAGE II REFUELING :
95 3 45. 4.

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]
* 2008 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 67 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]
* 2008 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 39 mph (39) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 39 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 42 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
* 2008 Speed 42 mph (42) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
* 2011 Speed 42 mph (42) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 42 [FC7]
* 2008 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 47 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 47 [FC9]

* 2008 Speed 47 mph (47) Rural Local [Arterial]

CALENDAR YEAR : 2008

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]

* 2011 Speed 47 mph (47) Rural Local [Arterial]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 47 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]

* 2008 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]

* 2011 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC12]

* 2008 Speed 46 mph (46) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2008

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]

* 2011 Speed 46 mph (46) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

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

 * FC 14 - Speed 28 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
 * 2008 Speed 28 mph (28) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

 SCENARIO RECORD : Scenario Title : ME speed 28 [FC14]
 * 2011 Speed 28 mph (28) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 28 Arterial 0.0 100.0 0.0 0.0

 * FC 16 - Speed 27 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 27 [FC16]
 * 2008 Speed 27 mph (27) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

 SCENARIO RECORD : Scenario Title : ME speed 27 [FC16]
 * 2011 Speed 27 mph (27) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

 * FC 17 - Speed 27 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 27 [FC17]
 * 2008 Speed 27 mph (27) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]

```

* 2011 Speed 27 mph (27) Urban Collector [Arterial]
CALENDAR YEAR      : 2011
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]
* 2008 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2008
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]
* 2011 Speed 32 mph (32) Urban Local [Arterial]
CALENDAR YEAR      : 2011
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
* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2008
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD     : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2011
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN          :

*****

* Run for 10-13 STIP Conformity Analysis
* Cumberland County - Analysis Years: 2016, 2025 and 2030
*
* 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 : 16CumbLV
 SPREADSHEET : 16CumbLV

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

* 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]
* 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

* FC 2 - Speed 39 - Freeway

*

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

* FC 6 - Speed 42 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 42 [FC6]
* 2016 Speed 42 mph (42) Minor Arterial [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 [FC6]
* 2025 Speed 42 mph (42) Minor Arterial [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 [FC6]
* 2030 Speed 42 mph (42) Minor Arterial [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 42 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 42 - Arterial

*

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 41 - Arterial

*

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

* FC 9 - Speed 47 - Arterial
*

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 11 - Speed 59 - Freeway
*

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]

* 2016 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]

* 2025 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 59 [FC11]

* 2030 Speed 59 mph (59) Urban Interstate [Freeway]

CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 59 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 46 - Arterial

*

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

* FC 14 - Speed 28 - Arterial

```

*
SCENARIO RECORD      : Scenario Title : ME speed 28 [FC14]
* 2016 Speed 28 mph (28) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR        : 2016
EVALUATION MONTH     : 7
ALTITUDE              : 1
AVERAGE SPEED        : 28 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD      : Scenario Title : ME speed 28 [FC14]
* 2025 Speed 28 mph (28) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR        : 2025
EVALUATION MONTH     : 7
ALTITUDE              : 1
AVERAGE SPEED        : 28 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD      : Scenario Title : ME speed 28 [FC14]
* 2030 Speed 28 mph (28) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR        : 2030
EVALUATION MONTH     : 7
ALTITUDE              : 1
AVERAGE SPEED        : 28 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 27 - Arterial
*
SCENARIO RECORD      : Scenario Title : ME speed 27 [FC16]
* 2016 Speed 27 mph (27) Urban Minor 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 [FC16]
* 2025 Speed 27 mph (27) Urban Minor 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 [FC16]
* 2030 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR        : 2030
EVALUATION MONTH     : 7
ALTITUDE              : 1
AVERAGE SPEED        : 27 Arterial 0.0 100.0 0.0 0.0

```

* FC 17 - Speed 27 - Arterial

*

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

* FC 19 - Speed 32 - Arterial

*

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

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

* Idling - Speed 2.5 - Arterial

*

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 10-13 STIP Conformity Analysis

* Hancock County - Analysis Years: 2011, 2016, 2025, and 2030

* 2008 added for limited inventory purposes only

*

* 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]
* 2008 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
* 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]

CALENDAR YEAR : 2011
 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

* FC 9 - Speed 48 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 48 [FC9]
 * 2008 Speed 48 mph (48) Rural Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 48 mph (48) Rural Local [Arterial]
 CALENDAR YEAR : 2011
 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
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

 SCENARIO RECORD : Scenario Title : Idling
 * 2011 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2011
 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 10-13 STIP Conformity Analysis
* Hancock County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 added for limited inventory purposes only
*
* 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]
* 2008 Speed 43 mph (43) Minor Arterial [Arterial]

CALENDAR YEAR : 2008
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]
* 2011 Speed 43 mph (43) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 42 mph (42) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
* 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
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

* FC 9 - Speed 48 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC9]
* 2008 Speed 48 mph (48) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 48 mph (48) Rural Local [Arterial]
CALENDAR YEAR : 2011
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
* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10-13 STIP Conformity Analysis
* Knox County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 added for limited inventory purposes only

```

*
* 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]
* 2008 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR        : 2008
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]
* 2011 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR        : 2011
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]
 * 2008 Speed 50 mph (50) Minor Arterial [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 50 mph (50) Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 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]
* 2008 Speed 44 mph (44) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 44 mph (44) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
* 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]

CALENDAR YEAR : 2008
 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]
 * 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 9 - Speed 49 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
 * 2008 Speed 49 mph (49) Rural Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 49 mph (49) Rural Local [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 14 - Speed 24 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 24 [FC14]
* 2008 Speed 24 mph (24) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 24 mph (24) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2011
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]
 * 2008 Speed 26 mph (26) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 26 mph (26) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2011
 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]
* 2008 Speed 25 mph (25) Urban Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 25 mph (25) Urban Collector [Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 29 mph (29) Urban Local [Arterial]
CALENDAR YEAR : 2011
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
* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011

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 10-13 STIP Conformity Analysis
* Knox County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 added for limited inventory purposes only
*
* 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]
* 2008 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 42 mph (42) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
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]

* 2008 Speed 50 mph (50) Minor Arterial [Arterial]

CALENDAR YEAR : 2008
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]

* 2011 Speed 50 mph (50) Minor Arterial [Arterial]

CALENDAR YEAR : 2011
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]

* 2008 Speed 44 mph (44) Rural Major Collector [Arterial]

CALENDAR YEAR : 2008

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]
 * 2011 Speed 44 mph (44) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2011
 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 45 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
 * 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 9 - Speed 49 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
* 2008 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2011
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

* FC 14 - Speed 24 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 24 [FC14]
 * 2008 Speed 24 mph (24) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 24 mph (24) Urban Other Principal
 Arterial[Arterial]
 CALENDAR YEAR : 2011
 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]
* 2008 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 26 mph (26) Urban Minor Arterial[Arterial]
CALENDAR YEAR : 2011
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]

* 2008 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2011
 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]
 * 2008 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2011
 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
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
 * 2011 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2011
 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 10-13 STIP Conformity Analysis
* Lincoln County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 run for limited inventory purposes only
*
* 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 48 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2008 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2011 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2016 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2025 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2030 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]
* 2008 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]

* 2011 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]
* 2016 Speed 46 mph (46) Minor Arterial [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 [FC6]
* 2025 Speed 46 mph (46) Minor Arterial [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 [FC6]
* 2030 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC7]
* 2008 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 46 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 46 [FC8]
 * 2008 Speed 46 mph (46) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 46 mph (46) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 9 - Speed 49 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
* 2008 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2011
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

* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10-13 STIP Conformity Analysis
* Lincoln County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 run for limited inventory purposes only
*
* 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 48 - Freeway
*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2008 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2011 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2016 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2025 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC2]
* 2030 Speed 48 mph (48) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 46 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]
* 2008 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]
* 2011 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC6]
* 2016 Speed 46 mph (46) Minor Arterial [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 [FC6]
* 2025 Speed 46 mph (46) Minor Arterial [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 [FC6]
* 2030 Speed 46 mph (46) Minor Arterial [Arterial]
CALENDAR YEAR : 2030

EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC7]
* 2008 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC8]
* 2008 Speed 46 mph (46) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
 * 2011 Speed 46 mph (46) Rural Minor Collector [Arterial]
 CALENDAR YEAR : 2011
 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

* FC 9 - Speed 49 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
 * 2008 Speed 49 mph (49) Rural Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 49 mph (49) Rural Local [Arterial]
 CALENDAR YEAR : 2011
 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
* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10-13 STIP Conformity Analysis
* Sagadahoc County - Analysis Years: 2011 (final year of Stage II Refueling)
* 2008 run for limited inventory purposes only
*
* Run for Sagadahoc County with Stage II refueling (calculation below):
* $\text{LDGV/T effectiveness } 86 \text{ percent} \times [(\text{LDGV/T Stage II Gas } 18,757 + 13,665 + 4,706) / \text{Total Gas } 78,336]$
* $\text{HDGV effectiveness } 86 \text{ percent} \times [\text{HDGV Stage II Gas } 2,993 / \text{Total Gas } 78,757]$
*
* 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 : 11Sagad
SPREADSHEET : 11Sagad

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

94+ LDG IMP : NLEVNE.D

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

STAGE II REFUELING :
95 3 41. 3.

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]
* 2008 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]
* 2008 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2008 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2011 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
* 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 49 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
* 2008 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 49 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]

* 2008 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]

* 2011 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 31 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]

* 2008 Speed 31 mph (31) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]

* 2011 Speed 31 mph (31) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 23 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 23 [FC16]

* 2008 Speed 23 mph (23) Urban Minor Arterial[Arterial]

CALENDAR YEAR : 2008

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]

* 2011 Speed 23 mph (23) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 23 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 25 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 25 [FC17]
 * 2008 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2011
 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]
 * 2008 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2011
 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
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

```

SCENARIO RECORD      : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR       : 2011
EVALUATION MONTH    : 7
ALTITUDE            : 1
AVERAGE SPEED       : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN          :

*****

* Run for 10-13 STIP Conformity Analysis
* Sagadahoc County - Analysis Years: 2016, 2025, and 2030
*
* 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        : 16Sagad
SPREADSHEET        : 16Sagad

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

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]
* 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

* FC 2 - Speed 45 - Freeway

*

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

* FC 7 - Speed 46 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2016 Speed 46 mph (46) Rural Major 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 [FC7]
* 2025 Speed 46 mph (46) Rural Major 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 [FC7]
* 2030 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial

*

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

* FC 9 - Speed 49 - Arterial

*

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

* FC 12 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]
* 2016 Speed 45 mph (45) Urban Principal arterial and Other
[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 [FC12]
* 2025 Speed 45 mph (45) Urban Principal arterial and Other
[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 [FC12]
* 2030 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 31 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]

* 2016 Speed 31 mph (31) Urban Other Principal

Arterial[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 [FC14]

* 2025 Speed 31 mph (31) Urban Other Principal

Arterial[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 [FC14]

* 2030 Speed 31 mph (31) Urban Other Principal

Arterial[Arterial]

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 23 - Arterial

*

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

 * FC 17 - Speed 25 - Arterial
 *
 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]
 * 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

* 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 10-13 STIP Conformity Analysis

* Sagadahoc County - Analysis Years: 2011 (final year of Stage II Refueling)

* 2008 run for limited inventory purposes only

*

* Run for Sagadahoc County with Stage II refueling (calculation below):

* LDGV/T effectiveness 86 percent X [(LDGV/T Stage II Gas 18,757 + 13,665 + 4,706) / Total Gas 78,336]

* HDGV effectiveness 86 percent X [HDGV Stage II Gas 2,993 / Total Gas 78,757]

*

* 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 : 11SCLEV
SPREADSHEET : 11SCLEV

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

* 94+ LDG IMP : NLEVNE.D

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

STAGE II REFUELING :
95 3 41. 3.

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]
* 2008 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 69 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]

* 2008 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 46 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2008 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2011 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC8]
* 2008 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 45 mph (45) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 49 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 49 [FC9]
* 2008 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 49 mph (49) Rural Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 49 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 45 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]
* 2008 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]
* 2011 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 31 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]
* 2008 Speed 31 mph (31) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]
* 2011 Speed 31 mph (31) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7

ALTITUDE : 1
 AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

 * FC 16 - Speed 23 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 23 [FC16]
 * 2008 Speed 23 mph (23) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 23 mph (23) Urban Minor Arterial[Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 23 Arterial 0.0 100.0 0.0 0.0

 * FC 17 - Speed 25 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 25 [FC17]
 * 2008 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 25 mph (25) Urban Collector [Arterial]
 CALENDAR YEAR : 2011
 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]
 * 2008 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 29 mph (29) Urban Local [Arterial]
 CALENDAR YEAR : 2011

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

* 2008 Speed 0 mph (less than 2.5)

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling

* 2011 Speed 0 mph (less than 2.5)

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN :

* Run for 10-13 STIP Conformity Analysis

* Sagadahoc County - Analysis Years: 2016, 2025, and 2030

*

* 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 : 23SCLEV

SPREADSHEET : 23SCLEV

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

* 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]
* 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

* FC 2 - Speed 45 - Freeway
*

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

* FC 7 - Speed 46 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 46 [FC7]
* 2016 Speed 46 mph (46) Rural Major 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 [FC7]
* 2025 Speed 46 mph (46) Rural Major 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 [FC7]
* 2030 Speed 46 mph (46) Rural Major Collector [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 46 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 45 - Arterial
*

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

* FC 9 - Speed 49 - Arterial
 *

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

* FC 12 - Speed 45 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 45 [FC12]
 * 2016 Speed 45 mph (45) Urban Principal arterial and Other
 [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 [FC12]

* 2025 Speed 45 mph (45) Urban Principal arterial and Other
[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 [FC12]

* 2030 Speed 45 mph (45) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 31 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 31 [FC14]

* 2016 Speed 31 mph (31) Urban Other Principal
Arterial[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 [FC14]

* 2025 Speed 31 mph (31) Urban Other Principal
Arterial[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 [FC14]

* 2030 Speed 31 mph (31) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 31 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 23 - Arterial

*

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

* FC 17 - Speed 25 - Arterial
 *

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]
 * 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
* 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 10-13 STIP Conformity Analysis
* Waldo County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 run for limited inventory purposes only
*

* 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]
 * 2008 Speed 49 mph (49) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 49 mph (49) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2011
 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 48 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2008 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2011 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2016 Speed 48 mph (48) Rural Minor Collector [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 [FC8]
* 2025 Speed 48 mph (48) Rural Minor Collector [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 [FC8]

* 2030 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 50 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
* 2008 Speed 50 mph (50) Rural Local [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
* 2011 Speed 50 mph (50) Rural Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
* 2016 Speed 50 mph (50) Rural Local [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 [FC9]
* 2025 Speed 50 mph (50) Rural Local [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 [FC9]
* 2030 Speed 50 mph (50) Rural Local [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*

SCENARIO RECORD : Scenario Title : Idling
* 2008 Speed 0 mph (less than 2.5)

CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10-13 STIP Conformity Analysis
* Waldo County - Analysis Years: 2011, 2016, 2025, and 2030
* 2008 run for limited inventory purposes only
*
* 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]
* 2008 Speed 49 mph (49) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 49 mph (49) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
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 48 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2008 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2011 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 48 [FC8]
* 2016 Speed 48 mph (48) Rural Minor Collector [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 [FC8]
* 2025 Speed 48 mph (48) Rural Minor Collector [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 [FC8]
* 2030 Speed 48 mph (48) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2030

EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 48 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 50 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
 * 2008 Speed 50 mph (50) Rural Local [Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
 * 2011 Speed 50 mph (50) Rural Local [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 50 [FC9]
 * 2016 Speed 50 mph (50) Rural Local [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 [FC9]
 * 2025 Speed 50 mph (50) Rural Local [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 [FC9]
 * 2030 Speed 50 mph (50) Rural Local [Arterial]
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 50 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
 *

SCENARIO RECORD : Scenario Title : Idling
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7

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

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
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 10-13 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2011 (last year of Stage II refueling)
* 2008 run for limited inventory use only
*
* Run for York County with Stage II refueling (calculations below):
* LDGV/T effectiveness 86 percent X [(LDGV/T Stage II Gas 76,819 + 55,967 + 19,274) / Total Gas 365,306]
* HDGV effectiveness 86 percent X [HDGV Stage II Gas 12,258 / Total Gas 365,306]
*

* 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 : 11York
SPREADSHEET : 11York

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

94+ LDG IMP : NLEVNE.D

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

STAGE II REFUELING :
95 3 35. 3.

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]
* 2008 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]
 * 2008 Speed 44 mph (44) Other Principal Arterial [Freeway]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 44 mph (44) Other Principal Arterial [Freeway]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 44 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 37 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
 * 2008 Speed 37 mph (37) Minor Arterial [Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
 * 2011 Speed 37 mph (37) Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 40 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]
 * 2008 Speed 40 mph (40) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]
 * 2011 Speed 40 mph (40) Rural Major Collector [Arterial]
 CALENDAR YEAR : 2011

EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 41 [FC8]
* 2008 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 41 mph (41) Rural Minor Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]
* 2008 Speed 45 mph (45) Rural Local [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]
* 2011 Speed 45 mph (45) Rural Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 60 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]
* 2008 Speed 60 mph (60) Urban Interstate [Freeway]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]
* 2011 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 38 [FC12]
* 2008 Speed 38 mph (38) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2008
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]
* 2011 Speed 38 mph (38) Urban Principal arterial and Other
[Freeway]

CALENDAR YEAR : 2011
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]
* 2008 Speed 29 mph (29) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2008
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]
* 2011 Speed 29 mph (29) Urban Other Principal
Arterial[Arterial]

CALENDAR YEAR : 2011
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]
* 2008 Speed 29 mph (29) Urban Minor Arterial[Arterial]

CALENDAR YEAR : 2008
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]
 * 2011 Speed 29 mph (29) Urban Minor Arterial [Arterial]
 CALENDAR YEAR : 2011
 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]
 * 2008 Speed 27 mph (27) Urban Collector [Arterial]
 CALENDAR YEAR : 2008
 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]
 * 2011 Speed 27 mph (27) Urban Collector [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 33 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2008 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2008
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2011 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2011
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
 *

SCENARIO RECORD : Scenario Title : Idling
 * 2008 Speed 0 mph (less than 2.5)
 CALENDAR YEAR : 2008

EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling
* 2011 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN :

* Run for 10-13 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2016, 2025 and 2030
*
* 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 : 16York
SPREADSHEET : 16York

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

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]
* 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

* FC 2 - Speed 44 - Freeway

*

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

* FC 6 - Speed 37 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
* 2016 Speed 37 mph (37) Minor Arterial [Arterial]
CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
* 2025 Speed 37 mph (37) Minor Arterial [Arterial]
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
* 2030 Speed 37 mph (37) Minor Arterial [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 40 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]
* 2016 Speed 40 mph (40) Rural Major 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 [FC7]
* 2025 Speed 40 mph (40) Rural Major 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 [FC7]
* 2030 Speed 40 mph (40) Rural Major Collector [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial

*

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

* FC 9 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]

* 2016 Speed 45 mph (45) Rural Local [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 [FC9]

* 2025 Speed 45 mph (45) Rural Local [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 [FC9]

* 2030 Speed 45 mph (45) Rural Local [Arterial]

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 60 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]

* 2016 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2016

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]

* 2025 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2025

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]

* 2030 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial

*

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

 * FC 14 - Speed 29 - Arterial
 *
 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]
 * 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

 * FC 16 - Speed 29 - Arterial
 *
 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

* FC 17 - Speed 27 - Arterial
 *

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

* FC 19 - Speed 33 - Arterial
 *

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2016 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2016
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2025 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2025
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2030 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2030

EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial

*

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 10-13 STIP Conformity Analysis
* Androscoggin County - Analysis Years: 2011 (last year of Stage II refueling)

* 2008 run for limited inventory use only

*

* Run for York County with Stage II refueling (calculations below):

* LDGV/T effectiveness 86 percent X [(LDGV/T Stage II Gas 76,819 + 55,967 + 19,274) / Total Gas 365,306]

* HDGV effectiveness 86 percent X [HDGV Stage II Gas 12,258 / Total Gas 365,306]

*

* 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 : 11YorkLV
SPREADSHEET : 11YorkLV

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

* 94+ LDG IMP : NLEVNE.D

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

STAGE II REFUELING :
95 3 35. 3.

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]
* 2008 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR : 2011
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]
* 2008 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 44 mph (44) Other Principal Arterial [Freeway]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 44 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 37 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
* 2008 Speed 37 mph (37) Minor Arterial [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]
* 2011 Speed 37 mph (37) Minor Arterial [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 40 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]
* 2008 Speed 40 mph (40) Rural Major Collector [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]
* 2011 Speed 40 mph (40) Rural Major Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 41 [FC8]

* 2008 Speed 41 mph (41) Rural Minor Collector [Arterial]

CALENDAR YEAR : 2008

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]

* 2011 Speed 41 mph (41) Rural Minor Collector [Arterial]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 41 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]

* 2008 Speed 45 mph (45) Rural Local [Arterial]

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]

* 2011 Speed 45 mph (45) Rural Local [Arterial]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 60 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]

* 2008 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2008

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]

* 2011 Speed 60 mph (60) Urban Interstate [Freeway]

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 38 [FC12]
* 2008 Speed 38 mph (38) Urban Principal arterial and Other
[Freeway]
CALENDAR YEAR : 2008
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]
* 2011 Speed 38 mph (38) Urban Principal arterial and Other
[Freeway]
CALENDAR YEAR : 2011
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]
* 2008 Speed 29 mph (29) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 29 mph (29) Urban Other Principal
Arterial[Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 29 mph (29) Urban Minor Arterial[Arterial]
CALENDAR YEAR : 2011
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]
* 2008 Speed 27 mph (27) Urban Collector [Arterial]
CALENDAR YEAR : 2008
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]
* 2011 Speed 27 mph (27) Urban Collector [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 27 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 33 - Arterial
*

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
* 2008 Speed 33 mph (33) Urban Local [Arterial]
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
* 2011 Speed 33 mph (33) Urban Local [Arterial]
CALENDAR YEAR : 2011
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*

SCENARIO RECORD : Scenario Title : Idling
* 2008 Speed 0 mph (less than 2.5)
CALENDAR YEAR : 2008
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : Idling

* 2011 Speed 0 mph (less than 2.5)

CALENDAR YEAR : 2011

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 2.5 Arterial 0.0 100.0 0.0 0.0

END OF RUN :

* Run for 10-13 STIP Conformity Analysis

* Androscoggin County - Analysis Years: 2016, 2025 and 2030

*

* 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 : 16YorkLV

SPREADSHEET : 16YorkLV

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

* 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]
* 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

* FC 2 - Speed 44 - Freeway

*

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

* FC 6 - Speed 37 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]

* 2016 Speed 37 mph (37) Minor Arterial [Arterial]

CALENDAR YEAR : 2016

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]

* 2025 Speed 37 mph (37) Minor Arterial [Arterial]

CALENDAR YEAR : 2025

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD : Scenario Title : ME speed 37 [FC6]

* 2030 Speed 37 mph (37) Minor Arterial [Arterial]

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 37 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 40 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 40 [FC7]

* 2016 Speed 40 mph (40) Rural Major 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 [FC7]

* 2025 Speed 40 mph (40) Rural Major 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 [FC7]

* 2030 Speed 40 mph (40) Rural Major Collector [Arterial]

CALENDAR YEAR : 2030

EVALUATION MONTH : 7

ALTITUDE : 1

AVERAGE SPEED : 40 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 41 - Arterial

*

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

* FC 9 - Speed 45 - Arterial

*

SCENARIO RECORD : Scenario Title : ME speed 45 [FC9]
* 2016 Speed 45 mph (45) Rural Local [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 [FC9]
* 2025 Speed 45 mph (45) Rural Local [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 [FC9]
* 2030 Speed 45 mph (45) Rural Local [Arterial]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 45 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 60 - Freeway

*

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]
* 2016 Speed 60 mph (60) Urban Interstate [Freeway]
CALENDAR YEAR : 2016
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]
* 2025 Speed 60 mph (60) Urban Interstate [Freeway]
CALENDAR YEAR : 2025
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD : Scenario Title : ME speed 60 [FC11]
* 2030 Speed 60 mph (60) Urban Interstate [Freeway]
CALENDAR YEAR : 2030
EVALUATION MONTH : 7
ALTITUDE : 1
AVERAGE SPEED : 60 Freeway 92.0 0.0 0.0 8.0

* FC 12 - Speed 38 - Arterial
*

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

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* FC 14 - Speed 29 - Arterial
*
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]
* 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

* FC 16 - Speed 29 - Arterial
*
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

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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]
 * 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

 * FC 19 - Speed 33 - Arterial
 *
 SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2016 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2016
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

 SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2025 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2025
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

 SCENARIO RECORD : Scenario Title : ME speed 33 [FC19]
 * 2030 Speed 33 mph (33) Urban Local [Arterial]
 CALENDAR YEAR : 2030
 EVALUATION MONTH : 7
 ALTITUDE : 1
 AVERAGE SPEED : 33 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial

*

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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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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	45	289	296	305	316	322
7	45	59,760	61,208	63,145	65,346	66,568
8	47	17,501	17,925	18,493	19,137	19,495
9	49	22,947	23,503	24,247	25,092	25,561

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	157,743	161,698	166,964	172,859	176,135
12	46	243,174	249,272	257,389	266,477	271,526
14	28	55,839	57,239	59,103	61,190	62,349
16	27	61,639	63,185	65,242	67,546	68,826
17	27	139,769	143,274	147,939	153,163	156,065
19	32	41,789	42,837	44,232	45,794	46,662
7	42	37,977	38,929	40,197	41,616	42,405
9	47	56,551	57,969	59,857	61,970	63,144

Town name: **Cape Elizabeth**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
17	27	71,909	73,712	74,235	78,229	77,932
19	32	26,811	27,483	28,467	29,876	31,448

Town name: **Casco**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	39	65,973	67,628	69,830	72,296	73,665
6	42	33,497	34,337	35,455	36,707	37,402
8	41	20,935	21,460	22,159	22,941	23,376
9	47	20,181	20,687	21,360	22,115	22,534

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-2

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

05 Cumberland County

Town name: **Cumberland**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	171,129	175,420	181,132	187,528	191,081
11	59	66,137	67,795	68,365	69,335	70,167
17	27	53,286	54,622	59,926	65,463	66,164
19	32	14,657	15,025	15,280	17,060	17,697
6	42	18,004	18,455	19,056	19,729	20,103
7	42	20,905	21,429	22,127	22,908	23,342
8	41	13,371	13,707	14,153	14,653	14,930
9	47	16,878	17,301	17,865	18,495	18,846

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	258,841	265,332	273,972	283,646	289,020
11	59	208,551	213,781	218,291	224,600	228,036
14	28	9,134	9,363	9,363	9,363	9,363
16	27	25,869	26,517	27,859	29,358	30,195
17	27	123,533	126,630	131,632	140,689	146,485
19	32	10,846	11,118	11,497	13,016	14,345
6	42	25,082	25,711	26,548	27,485	28,006
7	42	60,248	61,758	63,769	66,021	67,272
8	41	12,681	12,999	13,422	13,896	14,159
9	47	26,161	26,817	27,690	28,668	29,211

Town name: **Freeport**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	299,199	306,702	316,689	327,871	334,084
11	59	77,024	78,956	81,498	85,019	86,770
17	27	84,350	86,465	91,869	97,464	101,947
19	32	13,513	13,852	14,984	16,432	17,483
7	42	38,237	39,196	40,472	41,901	42,695
8	41	26,865	27,539	28,436	29,440	29,997
9	47	32,557	33,373	34,460	35,677	36,353

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-4

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	47	0	0	0	0	0

Town name: **Gorham**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
14	28	61,899	63,451	66,008	70,900	75,224
16	27	103,704	106,305	113,650	122,265	125,040
17	27	79,983	81,989	84,203	88,901	90,493
19	32	24,907	25,531	28,128	30,735	31,162
2	39	7,803	7,999	8,260	8,551	8,713
6	42	75,445	77,337	79,855	82,675	84,241
7	42	67,699	69,396	71,656	74,186	75,592
8	41	4,301	4,409	4,552	4,713	4,802
9	47	44,556	45,673	47,160	48,825	49,750

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	242,387	248,465	256,556	265,615	270,648
2	39	65,436	67,077	69,261	71,707	73,065
6	42	133,247	136,589	141,036	146,016	148,783
7	42	26,803	27,475	28,370	29,372	29,928
8	41	13,789	14,135	14,595	15,111	15,397
9	47	44,303	45,414	46,893	48,548	49,468

Town name: **Harpwell**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	89,639	91,887	94,879	98,229	100,091
8	41	11,799	12,095	12,489	12,930	13,175
9	47	9,084	9,312	9,615	9,955	10,143

Town name: **Long Island**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
19	32	183	188	194	201	205

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-6

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	162,766	166,848	172,281	178,364	181,744
2	39	24,757	25,378	26,204	27,129	27,643
6	42	69,745	71,494	73,822	76,429	77,877
7	42	25,468	26,106	26,957	27,908	28,437
8	41	2,686	2,753	2,843	2,943	2,999
9	47	43,499	44,590	46,042	47,668	48,571

Town name: **North Yarmouth**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
17	27	13,861	14,208	14,742	16,153	16,838
19	32	456	467	438	495	502
7	42	35,795	36,693	37,888	39,225	39,969
8	41	8,513	8,727	9,011	9,329	9,506
9	47	13,698	14,042	14,499	15,011	15,295

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
11	59	602,770	617,884	631,540	648,528	660,331
12	46	32,520	33,336	34,816	35,944	36,846
14	28	487,018	499,230	513,458	529,530	536,572
16	27	173,120	177,461	185,483	193,162	197,102
17	27	186,501	191,177	198,920	209,085	218,097
19	32	108,189	110,902	116,846	121,216	125,314

Town name: **Pownal**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	19,899	20,398	21,062	21,806	22,219
9	47	19,472	19,960	20,610	21,338	21,742

Town name: **Raymond**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	39	72,485	74,303	76,722	79,431	80,936
8	41	55,898	57,299	59,165	61,254	62,415
9	47	33,557	34,398	35,518	36,772	37,469

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-8

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: **Scarborough**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	67	394,373	404,262	417,426	432,166	440,354
11	59	62,141	63,699	65,680	68,708	70,130
12	46	22,593	23,160	24,751	25,575	26,723
16	27	286,887	294,081	310,049	323,257	334,345
17	27	224,562	230,193	238,065	250,183	254,261
19	32	47,925	49,127	52,743	57,205	59,167
7	42	11,861	12,158	12,554	12,998	13,244
8	41	50,445	51,710	53,394	55,279	56,327
9	47	35,683	36,578	37,769	39,103	39,844

Town name: **South Portland**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
11	59	231,587	237,394	243,044	248,853	253,979
12	46	81,666	83,714	88,142	90,557	92,568
14	28	39,748	40,744	41,840	42,840	43,659
16	27	208,508	213,737	221,623	229,269	233,603
17	27	122,227	125,291	128,386	133,650	136,002
19	32	71,674	73,472	75,206	78,650	80,121

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-9

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: **Standish**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	42	75,158	77,043	79,551	82,360	83,921
7	42	202,327	207,401	214,154	221,716	225,917
9	47	53,775	55,123	56,918	58,928	60,044

Town name: **Westbrook**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
12	46	27,124	27,805	28,959	30,354	31,584
14	28	105,565	108,212	110,311	116,489	119,296
16	27	129,603	132,853	138,725	143,885	147,972
17	27	104,230	106,844	111,759	119,962	125,432
19	32	42,941	44,018	49,221	52,174	54,355

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-10

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: **Windham**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
14	28	38,668	39,638	41,089	44,503	44,663
16	27	9,668	9,911	10,521	11,103	12,066
17	27	47,209	48,393	51,146	54,373	57,098
19	32	10,779	11,049	11,182	13,505	14,629
2	39	171,603	175,906	181,635	188,048	191,611
6	42	81,368	83,408	86,124	89,165	90,855
7	42	53,757	55,105	56,899	58,908	60,024
8	41	30,148	30,904	31,910	33,037	33,663
9	47	52,142	53,450	55,191	57,139	58,222

Town name: **Yarmouth**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
11	59	148,427	152,149	158,144	162,192	164,885
17	27	99,014	101,496	101,131	107,330	111,538
19	32	36,106	37,011	38,980	42,325	43,886
9	47	2,911	2,984	3,081	3,190	3,251

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: **Bar Harbor**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	43	128,131	130,875	134,419	138,017	140,017
7	42	111,179	113,560	116,634	119,757	121,492
8	45	720	736	756	776	787
9	49	91,262	93,216	95,740	98,303	99,727

Town name: **Blue Hill**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	61,708	63,029	64,736	66,469	67,432
8	45	41,866	42,762	43,920	45,096	45,749
9	49	16,866	17,227	17,693	18,167	18,430

Town name: **Brooklin**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	45	13,853	14,150	14,533	14,922	15,138
9	49	6,570	6,711	6,893	7,077	7,180

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: **Brooksville**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	1,088	1,112	1,142	1,172	1,189
8	45	13,737	14,031	14,411	14,797	15,011
9	49	10,376	10,599	10,886	11,177	11,339

Town name: **Cranberry Isles**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	49	306	312	321	329	334

Town name: **Deer Isle**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	34,095	34,825	35,768	36,726	37,258
8	45	8,442	8,623	8,857	9,094	9,225
9	49	16,854	17,214	17,681	18,154	18,417

Town name: **Frenchboro**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	45	0	0	0	0	0
9	49	0	0	0	0	0

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-13

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	43	37,349	38,149	39,182	40,231	40,813
7	42	21,639	22,102	22,701	23,309	23,646
8	45	11,244	11,485	11,796	12,112	12,287
9	49	4,236	4,326	4,444	4,562	4,629

Town name: **Hancock**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	43	86,587	88,441	90,836	93,267	94,619
7	42	20,539	20,978	21,546	22,123	22,444
8	45	2,958	3,021	3,103	3,186	3,232
9	49	11,829	12,082	12,409	12,741	12,926

Town name: **Lamoine**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	19,428	19,844	20,381	20,927	21,230
8	45	11,622	11,871	12,192	12,519	12,700
9	49	6,369	6,506	6,682	6,861	6,960

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: **Sedgwick**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	32,460	33,155	34,053	34,964	35,471
8	45	16,559	16,914	17,372	17,837	18,095
9	49	3,335	3,406	3,498	3,592	3,644

Town name: **Sorrento**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	45	1,842	1,881	1,932	1,984	2,013
9	49	2,139	2,185	2,244	2,304	2,338

Town name: **Southwest Harbor**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	46,643	47,642	48,932	50,242	50,970
8	45	13,399	13,686	14,057	14,433	14,642
9	49	10,163	10,380	10,662	10,947	11,106

Town name: **Stonington**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	7,492	7,652	7,859	8,070	8,187
8	45	5,808	5,932	6,093	6,256	6,347
9	49	9,977	10,190	10,466	10,746	10,902

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-15

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

09 Hancock County

Town name: **Sullivan**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	43	48,973	50,022	51,376	52,752	53,516
7	42	2,596	2,651	2,723	2,796	2,836
8	45	3,995	4,081	4,191	4,303	4,366
9	49	4,039	4,125	4,237	4,350	4,414

Town name: **Surry**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	37,383	38,183	39,217	40,267	40,850
8	45	10,722	10,952	11,249	11,550	11,717
9	49	7,575	7,738	7,947	8,160	8,278

Town name: **Swans Island**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	1,035	1,057	1,086	1,115	1,131
8	45	0	0	0	0	0
9	49	1,256	1,283	1,318	1,353	1,372

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-16

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: **Tremont**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	4,650	4,750	4,878	5,009	5,081
8	45	19,800	20,224	20,771	21,327	21,636
9	49	8,008	8,180	8,401	8,626	8,751

Town name: **Trenton**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	43	126,956	129,675	133,186	136,751	138,732
7	42	3,970	4,055	4,164	4,276	4,338
8	45	15,052	15,375	15,791	16,214	16,449
9	49	4,046	4,132	4,244	4,358	4,421

Town name: **Winter Harbor**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	42	7,448	7,607	7,813	8,023	8,139
8	45	699	714	733	752	763
9	49	8,153	8,327	8,553	8,782	8,909

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-17

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

13 Knox County

Town name: **Camden**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	42	46,510	47,711	49,337	51,249	52,312
7	44	13,348	13,693	14,160	14,708	15,013
8	45	24,915	25,559	26,430	27,455	28,024
9	49	29,565	30,328	31,362	32,577	33,253

Town name: **Cushing**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	7,096	7,279	7,527	7,819	7,981
8	45	20,242	20,765	21,473	22,305	22,767
9	49	1,498	1,537	1,589	1,651	1,685

Town name: **Friendship**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	11,051	11,336	11,723	12,177	12,430
8	45	1,164	1,194	1,234	1,282	1,309
9	49	3,794	3,892	4,024	4,180	4,267

Town name: **Isle Au Haut**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	49	1,521	1,560	1,613	1,676	1,710

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-18

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

13 Knox County

Town name: **Matinicus Isle Plt**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	45	0	0	0	0	0
9	49	88	90	94	97	99

Town name: **North Haven**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	661	678	701	728	743
8	45	235	241	249	259	264
9	49	1,038	1,064	1,101	1,143	1,167

Town name: **Owls Head**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	12,900	13,233	13,684	14,214	14,509
8	45	11,282	11,573	11,968	12,432	12,689
9	49	3,144	3,225	3,335	3,464	3,536

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-19

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
14	24	56,439	57,897	59,870	62,191	63,480
16	26	21,164	21,711	22,451	23,321	23,804
17	25	34,192	35,075	36,271	37,676	38,457
19	29	18,227	18,697	19,335	20,084	20,500
6	50	17,053	17,494	18,090	18,791	19,181
7	44	7,348	7,538	7,795	8,097	8,265
8	45	0	0	0	0	0
9	49	3,488	3,578	3,700	3,844	3,923

Town name: **Rockport**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	42	83,043	85,188	88,092	91,506	93,403
6	50	92,499	94,888	98,122	101,925	104,038
7	44	5,567	5,711	5,906	6,134	6,262
8	45	8,686	8,911	9,214	9,571	9,770
9	49	37,177	38,137	39,437	40,966	41,815

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-20

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: **South Thomaston**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	36,785	37,735	39,022	40,534	41,374
8	45	5,087	5,218	5,396	5,605	5,722
9	49	7,017	7,198	7,443	7,732	7,892

Town name: **Thomaston**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	42	65,961	67,665	69,971	72,683	74,189
7	44	15,323	15,718	16,254	16,884	17,234
8	45	6,132	6,290	6,505	6,757	6,897
9	49	12,757	13,086	13,532	14,057	14,348

Town name: **Vinalhaven**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	44	2,982	3,059	3,163	3,286	3,354
8	45	0	0	0	0	0
9	49	2,327	2,387	2,469	2,564	2,617

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

13 Knox County

Town name: **Warren**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	42	61,775	63,371	65,531	68,071	69,482
6	50	43,470	44,593	46,113	47,900	48,893
7	44	19,407	19,908	20,587	21,385	21,828
8	45	5,969	6,123	6,332	6,578	6,714
9	49	23,860	24,476	25,310	26,291	26,836

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: **Alna**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	45	11,944	12,158	12,431	12,698	12,847
8	46	5,988	6,096	6,233	6,367	6,441
9	49	2,618	2,665	2,724	2,783	2,816

Town name: **Boothbay**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	46	61,578	62,681	64,089	65,467	66,233
7	45	5,539	5,638	5,765	5,889	5,958
8	46	23,653	24,077	24,618	25,147	25,441
9	49	25,358	25,812	26,392	26,959	27,275

Town name: **Boothbay Harbor**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	46	21,644	22,031	22,527	23,011	23,280
7	45	17,909	18,230	18,639	19,040	19,263
8	46	11,584	11,792	12,056	12,316	12,460
9	49	13,714	13,959	14,273	14,580	14,750

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: **Bremen**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	45	9,521	9,692	9,909	10,122	10,241
8	46	4,193	4,268	4,364	4,458	4,510
9	49	3,462	3,524	3,603	3,680	3,723

Town name: **Bristol**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	45	73,983	75,308	77,000	78,655	79,575
8	46	13,508	13,750	14,059	14,361	14,529
9	49	16,071	16,358	16,726	17,086	17,285

Town name: **Damariscotta**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	24,191	24,624	25,178	25,719	26,020
7	45	46,398	47,228	48,290	49,328	49,905
8	46	18,713	19,048	19,476	19,895	20,127
9	49	9,248	9,414	9,625	9,832	9,947

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-24

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: **Dresden**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	46	19,866	20,222	20,676	21,121	21,368
7	45	10,127	10,308	10,540	10,767	10,893
8	46	20,627	20,996	21,468	21,929	22,186
9	49	5,705	5,807	5,938	6,065	6,136

Town name: **Edgecomb**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	46,846	47,684	48,756	49,804	50,386
6	46	46,675	47,511	48,578	49,623	50,203
7	45	446	454	464	474	479
8	46	9,617	9,790	10,010	10,225	10,344
9	49	5,502	5,600	5,726	5,849	5,918

Town name: **Newcastle**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	86,002	87,541	89,508	91,433	92,502
7	45	20,476	20,843	21,311	21,769	22,024
8	46	20,452	20,818	21,286	21,743	21,997
9	49	8,554	8,707	8,902	9,094	9,200

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-25

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: **Nobleboro**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	45,718	46,537	47,582	48,605	49,174
7	45	643	655	670	684	692
8	46	11,220	11,420	11,677	11,928	12,068
9	49	12,912	13,143	13,439	13,727	13,888

Town name: **South Bristol**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	45	26,934	27,416	28,032	28,635	28,970
8	46	1,230	1,252	1,280	1,307	1,323
9	49	4,361	4,439	4,539	4,636	4,691

Town name: **Southport**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	45	688	700	716	731	740
8	46	10,394	10,580	10,818	11,051	11,180
9	49	1,575	1,603	1,639	1,675	1,694

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: **Waldoboro**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	89,528	91,131	93,179	95,182	96,295
7	45	62,348	63,464	64,890	66,285	67,060
8	46	11,209	11,410	11,666	11,917	12,057
9	49	23,467	23,887	24,424	24,949	25,241

Town name: **Wiscasset**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	48	94,048	95,731	97,882	99,987	101,156
6	46	27,056	27,540	28,159	28,764	29,101
7	45	6,534	6,651	6,800	6,946	7,028
8	46	10,364	10,549	10,786	11,018	11,147
9	49	16,360	16,653	17,027	17,393	17,597

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

23 Sagadahoc County

Town name: **Arrowsic**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	46	19,456	19,834	20,342	20,924	21,248
9	49	1,851	1,887	1,936	1,991	2,022

Town name: **Bath**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
12	45	36,604	37,316	38,272	39,366	39,975
14	31	5,211	5,312	5,448	5,604	5,691
16	23	2,873	2,929	3,004	3,090	3,138
17	25	57,711	58,834	60,340	62,066	63,025
19	29	23,479	23,936	24,549	25,252	25,642
7	46	787	802	823	846	859
8	45	2,453	2,501	2,565	2,638	2,679
9	49	7,911	8,065	8,272	8,508	8,640

Town name: **Bowdoin**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	69	11,318	11,538	11,834	12,172	12,360
7	46	38,817	39,573	40,586	41,747	42,392
8	45	16,435	16,755	17,184	17,676	17,949
9	49	12,041	12,275	12,590	12,950	13,150

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-28

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

23 Sagadahoc County

Town name: **Bowdoinham**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	69	179,525	183,018	187,705	193,074	196,058
7	46	27,874	28,417	29,144	29,978	30,441
8	45	2,698	2,750	2,821	2,901	2,946
9	49	8,459	8,624	8,845	9,098	9,239

Town name: **Georgetown**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	46	15,552	15,854	16,260	16,726	16,984
9	49	8,547	8,713	8,936	9,192	9,334

Town name: **Phippsburg**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	46	37,117	37,839	38,808	39,918	40,535
8	45	10,437	10,641	10,913	11,225	11,399
9	49	16,118	16,431	16,852	17,334	17,602

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

23 Sagadahoc County

Town name: **Richmond**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	69	127,579	130,061	133,392	137,208	139,328
7	46	50,843	51,833	53,160	54,681	55,526
8	45	5,184	5,285	5,420	5,576	5,662
9	49	9,042	9,218	9,454	9,725	9,875

Town name: **Topsham**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	69	133,448	136,045	139,529	143,520	145,738
14	31	58,405	59,542	61,067	62,814	63,784
16	23	19,506	19,886	20,395	20,978	21,303
17	25	28,983	29,547	30,304	31,171	31,652
19	29	20,278	20,673	21,202	21,809	22,146
2	45	88,829	90,558	92,877	95,533	97,010
7	46	26,812	27,334	28,034	28,836	29,281
8	45	14,679	14,965	15,348	15,787	16,031
9	49	11,370	11,591	11,888	12,228	12,417

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

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Town VMT by Year, Federal Functional Class and Average Speed

23 Sagadahoc County

Town name: **West Bath**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	45	64,690	65,949	67,638	69,573	70,648
7	46	23,895	24,359	24,983	25,698	26,095
8	45	11,938	12,170	12,481	12,839	13,037
9	49	15,619	15,923	16,331	16,798	17,058

Town name: **Woolwich**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	45	126,494	128,955	132,257	136,041	138,143
7	46	1,286	1,311	1,344	1,383	1,404
8	45	32,148	32,773	33,613	34,574	35,108
9	49	12,498	12,741	13,067	13,441	13,649

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-31

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

27 Waldo County

Town name: **Islesboro**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	49	770	796	832	874	897
8	48	1,943	2,010	2,101	2,206	2,264
9	50	11,929	12,343	12,899	13,544	13,902

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: **Alfred**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	44	85,313	87,382	90,354	94,425	96,686
6	37	21,920	22,451	23,215	24,261	24,842
8	41	471	482	498	521	533
9	45	29,231	29,939	30,958	32,352	33,127

Town name: **Arundel**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	206,501	211,508	218,704	228,556	234,029
2	44	59,850	61,302	63,387	66,242	67,829
6	37	57,225	58,612	60,607	63,337	64,853
7	40	20,200	20,689	21,393	22,357	22,892
9	45	53,433	54,729	56,591	59,140	60,556

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: **Berwick**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
14	29	2,501	2,562	2,649	2,768	2,835
16	29	26,912	27,565	28,503	29,787	30,500
17	27	13,421	13,746	14,214	14,854	15,210
19	33	29,482	30,197	31,225	32,631	33,413
6	37	60,527	61,994	64,103	66,991	68,595
8	41	8,619	8,828	9,128	9,539	9,768
9	45	28,060	28,741	29,718	31,057	31,801

Town name: **Biddeford**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	168,318	172,399	178,265	186,295	190,756
16	29	56,892	58,271	59,693	61,144	62,470
17	27	108,945	111,586	116,050	121,109	123,907
19	33	29,344	30,055	31,669	33,832	34,472
2	44	34,342	35,175	36,372	38,010	38,920
6	37	44,390	45,466	47,013	49,131	50,308
7	40	17,605	18,031	18,645	19,485	19,951
8	41	32,402	33,187	34,316	35,862	36,721
9	45	25,515	26,134	27,023	28,240	28,916

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	44	39,522	40,480	41,857	43,743	44,790
7	40	33,804	34,624	35,802	37,415	38,311
8	41	78,337	80,236	82,966	86,703	88,779
9	45	41,547	42,555	44,002	45,985	47,086

Town name: **Dayton**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	40	50,303	51,523	53,276	55,675	57,009
8	41	2,448	2,507	2,593	2,709	2,774
9	45	11,292	11,565	11,959	12,498	12,797

Town name: **Eliot**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
16	29	89,677	91,851	94,976	99,254	101,631
17	27	36,830	37,723	39,006	40,763	41,739
19	33	14,616	14,970	15,480	16,177	16,564
7	40	307	315	326	340	348
8	41	1,869	1,914	1,979	2,069	2,118
9	45	3,111	3,187	3,295	3,444	3,526

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: **Hollis**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	44	40,930	41,923	43,349	45,302	46,387
7	40	64,623	66,190	68,441	71,524	73,237
8	41	22,225	22,764	23,538	24,598	25,187
9	45	25,329	25,943	26,825	28,034	28,705

Town name: **Kennebunk**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	237,317	243,071	251,340	262,663	268,953
6	37	41,274	42,275	43,713	45,682	46,776
7	40	131,041	134,218	138,785	145,037	148,510
8	41	46,641	47,772	49,397	51,622	52,858
9	45	46,289	47,411	49,024	51,232	52,459

Town name: **Kennebunkport**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	40	40,601	41,585	43,000	44,937	46,013
9	45	48,855	50,040	51,742	54,073	55,368

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	123,906	126,910	131,227	137,139	140,423
11	60	137,533	140,867	145,660	152,221	155,867
12	38	16,432	16,830	17,403	18,187	18,622
14	29	30,230	30,963	32,016	33,458	34,260
16	29	82,084	84,074	86,934	90,850	93,026
17	27	36,736	37,627	38,907	40,659	41,633
19	33	14,551	14,903	15,411	16,105	16,490
6	37	12,826	13,137	13,584	14,196	14,536
7	40	2,590	2,653	2,743	2,867	2,936
8	41	3,898	3,993	4,129	4,315	4,418
9	45	8,812	9,026	9,333	9,753	9,987

Town name: **Limington**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	37	41,364	42,367	43,809	45,782	46,878
7	40	30,767	31,513	32,585	34,053	34,868
8	41	3,776	3,868	4,000	4,180	4,280
9	45	17,005	17,418	18,010	18,821	19,272

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Page G-37

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	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	44	79,520	81,448	84,219	88,013	90,120
7	40	22,127	22,663	23,434	24,490	25,076
8	41	23,721	24,296	25,123	26,254	26,883
9	45	23,741	24,317	25,144	26,277	26,906

Town name: **North Berwick**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	37	89,733	91,908	95,035	99,316	101,695
8	41	4,457	4,565	4,720	4,933	5,051
9	45	42,625	43,658	45,144	47,177	48,307

Town name: **Ogunquit**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	74,710	76,521	79,124	82,689	84,669
6	37	44,562	45,642	47,195	49,321	50,502
7	40	9,858	10,097	10,441	10,911	11,172
9	45	13,352	13,676	14,141	14,778	15,132

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: **Old Orchard Beach**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
12	38	663	679	709	719	716
17	27	74,101	75,897	80,421	84,852	86,871
19	33	25,505	26,123	28,563	31,379	33,375

Town name: **Saco**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	349,221	357,688	369,857	386,518	395,774
11	60	166,311	170,344	179,423	193,059	200,531
12	38	9,758	9,994	10,466	10,615	10,612
16	29	62,012	63,515	66,907	70,754	73,407
17	27	125,761	128,810	133,164	141,620	145,104
19	33	32,093	32,871	34,630	36,593	37,940
6	37	47,571	48,724	50,382	52,651	53,912
7	40	57,828	59,230	61,245	64,004	65,536
8	41	3,943	4,039	4,176	4,365	4,469
9	45	32,937	33,736	34,884	36,455	37,328

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: **Sanford**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
14	29	131,524	134,713	139,296	145,571	149,057
16	29	46,248	47,369	48,981	51,187	52,413
17	27	77,705	79,589	82,296	86,004	88,063
19	33	47,373	48,521	50,172	52,432	53,688
2	44	34,138	34,966	36,155	37,784	38,689
6	37	58,072	59,480	61,504	64,274	65,813
7	40	26,715	27,362	28,293	29,568	30,276
8	41	11,962	12,252	12,668	13,239	13,556
9	45	41,780	42,793	44,249	46,242	47,350

Town name: **South Berwick**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
16	29	61,518	63,009	65,153	68,088	69,718
17	27	6,051	6,198	6,409	6,698	6,858
19	33	26,547	27,191	28,116	29,383	30,086
6	37	25,062	25,670	26,543	27,739	28,403
7	40	9,730	9,966	10,305	10,769	11,027
9	45	20,878	21,384	22,112	23,108	23,661

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: **Wells**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	460,440	471,604	487,649	509,616	521,820
2	44	53,684	54,986	56,857	59,418	60,841
6	37	191,114	195,748	202,408	211,526	216,591
7	40	15,078	15,444	15,969	16,689	17,088
8	41	26,658	27,304	28,233	29,505	30,211
9	45	77,409	79,286	81,983	85,676	87,728

Town name: **York**

Functional Class	Average Speed	2008 Summer Daily VMT	2011 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	566,931	580,676	600,432	627,480	642,506
6	37	155,871	159,650	165,081	172,518	176,649
7	40	115,348	118,145	122,164	127,667	130,724
8	41	41,325	42,327	43,767	45,738	46,834
9	45	83,973	86,009	88,935	92,941	95,167

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.

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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.

2008	County Name	2.5 mph Emission Factors		Adjustment	Idle Factors	
		VOC	NOX		VOC	NOX
	Androscoggin	6.330	2.587	X 2.50 =	15.825	6.468
	Cumberland	5.834	2.416	X 2.50 =	14.584	6.040
	Hancock	7.706	2.598	X 2.50 =	19.265	6.495
	Knox	6.330	2.587	X 2.50 =	15.825	6.468
	Lincoln	6.330	2.587	X 2.50 =	15.825	6.468
	Sagadahoc	6.308	2.587	X 2.50 =	15.770	6.468
	Waldo	7.706	2.598	X 2.50 =	19.265	6.495
	York	6.311	2.587	X 2.50 =	15.777	6.468

2011	County Name	2.5 mph Emission Factors		Adjustment	Idle Factors	
		VOC	NOX		VOC	NOX
	Androscoggin	4.699	1.913	X 2.50 =	11.748	4.781
	Cumberland	4.137	1.709	X 2.50 =	10.342	4.274
	Hancock	5.701	1.922	X 2.50 =	14.253	4.806
	Knox	4.699	1.913	X 2.50 =	11.748	4.781
	Lincoln	4.699	1.913	X 2.50 =	11.748	4.781
	Sagadahoc	4.686	1.913	X 2.50 =	11.715	4.781
	Waldo	5.701	1.922	X 2.50 =	14.253	4.806
	York	4.688	1.913	X 2.50 =	11.720	4.781

2016	County Name	2.5 mph Emission Factors		Adjustment	Idle Factors	
		VOC	NOX		VOC	NOX
	Androscoggin	3.313	1.141	X 2.50 =	8.283	2.852
	Cumberland	2.717	0.906	X 2.50 =	6.791	2.266
	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	County Name	2.5 mph Emission Factors		Adjustment	Idle Factors	
		VOC	NOX		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

Idling Emission Factors

Prepared using EPA's method of multiplying 2.5 speed emission factors by 2.5.

2030	County Name	2.5 mph Emission Factors			Idle Factors	
		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

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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
2008	69	1						0.747		
	67	1		0.681						
	65	1								0.750
	60	11								0.751
	59	11		0.683						
	50	6				0.794				
	50	9							0.867	
	49	7							0.871	
	49	9				0.798	0.798	0.776		
	48	8							0.876	
	48	9	0.802		0.876					
	48	2					0.806			
	47	8	0.806							
	47	9		0.710						
	46	12		0.718						
	46	8					0.810			
	46	6					0.810			
	46	7						0.788		
	45	12						0.797		
	45	2						0.797		
	45	6	0.814							
	45	7	0.814				0.814			
	45	8			0.891	0.814		0.792		
	45	9								0.796
	44	2								0.805
	44	7				0.818				
	43	6			0.901					
	42	7		0.729	0.906					
	42	2				0.832				
	42	6		0.729						
	41	8		0.733						0.813
	40	7								0.818
	39	2		0.747						
	38	12								0.833
	37	6								0.833

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.)*

2008	33	19							0.861
	32	19		0.783					
	31	14					0.875		
	29	14							0.898
	29	16							0.898
	29	19			0.916		0.895		
	28	14		0.818					
	27	16		0.828					
	27	17		0.828					0.919
	26	16			0.949				
	25	17			0.962		0.940		
	24	14			0.977				
	23	16					0.971		

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.

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
2011	69	1						0.605		
	67	1		0.529						
	65	1								0.607
	60	11								0.608
	59	11		0.530						
	50	6				0.636				
	50	9							0.690	
	49	7							0.693	
	49	9				0.639	0.639	0.625		
	48	9	0.642		0.697					
	48	2					0.645			
	48	8							0.697	
	47	9		0.547						
	47	8	0.645							
	46	12		0.552						
	46	6					0.648			
	46	7						0.634		
	46	8					0.648			
	45	2						0.641		
	45	9								0.640
	45	8			0.708	0.651		0.638		
	45	6	0.651							
	45	12						0.641		
	45	7	0.651				0.651			
	44	2								0.646
	44	7				0.654				
	43	6			0.715					
	42	7		0.560	0.719					
	42	2				0.664				
	42	6		0.560						
	41	8		0.562						0.653
	40	7								0.656
	39	2		0.572						
	38	12								0.667
	37	6								0.668

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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.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

2011	33	19								0.688
	32	19		0.598						
	31	14						0.700		
	29	14								0.716
	29	16								0.716
	29	19				0.728		0.715		
	28	14		0.623						
	27	16		0.630						
	27	17		0.630						0.732
	26	16				0.753				
	25	17				0.762		0.749		
	24	14				0.774				
	23	16						0.772		

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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.

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	69	1						0.451		
	67	1		0.369						
	65	1								0.451
	60	11								0.452
	59	11		0.369						
	50	6				0.462				
	50	9							0.498	
	49	9				0.464	0.464	0.464		
	49	7							0.500	
	48	9	0.466		0.502					
	48	2					0.468			
	48	8							0.502	
	47	8	0.469							
	47	9		0.378						
	46	12		0.381						
	46	6					0.471			
	46	7						0.471		
	46	8					0.471			
	45	8			0.510	0.473		0.473		
	45	12						0.475		
	45	2						0.475		
	45	6	0.473							
	45	7	0.473				0.473			
	45	9								0.473
	44	7				0.475				
	44	2								0.478
	43	6			0.516					
	42	2				0.482				
	42	6		0.386						
	42	7		0.386	0.518					
	41	8		0.388						0.483
	40	7								0.485
	39	2		0.394						
	38	12								0.493
	37	6								0.493

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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.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

2016	33	19							0.508
	32	19		0.412					
	31	14					0.518		
	29	14							0.529
	29	16							0.529
	29	19			0.529		0.529		
	28	14		0.428					
	27	16		0.433					
	27	17		0.433					0.541
	26	16			0.547				
	25	17			0.554		0.554		
	24	14			0.562				
	23	16					0.571		

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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.

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	69	1						0.312		
	67	1		0.221						
	65	1								0.312
	60	11								0.312
	59	11		0.221						
	50	6				0.320				
	50	9							0.343	
	49	9				0.322	0.322	0.322		
	49	7							0.345	
	48	2					0.325			
	48	8							0.347	
	48	9	0.324		0.347					
	47	8	0.325							
	47	9		0.226						
	46	12		0.228						
	46	6					0.327			
	46	7						0.327		
	46	8					0.327			
	45	6	0.329							
	45	9								0.329
	45	7	0.329				0.329			
	45	2						0.331		
	45	12						0.331		
	45	8			0.353	0.329		0.329		
	44	2								0.333
	44	7				0.331				
	43	6			0.357					
	42	2				0.337				
	42	6		0.232						
	42	7		0.232	0.360					
	41	8		0.233						0.337
	40	7								0.339
	39	2		0.238						
	38	12								0.345
	37	6								0.346

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VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

2025	33	19								0.358
	32	19		0.252						
	31	14						0.366		
	29	14								0.375
	29	16								0.375
	29	19				0.375		0.375		
	28	14		0.264						
	27	17		0.268						0.385
	27	16		0.268						
	26	16				0.390				
	25	17				0.396		0.396		
	24	14				0.402				
	23	16						0.409		

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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.

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	69	1						0.301		
	67	1		0.211						
	65	1								0.301
	60	11								0.301
	59	11		0.211						
	50	6				0.309				
	50	9							0.331	
	49	7							0.333	
	49	9				0.310	0.310	0.310		
	48	9	0.312		0.334					
	48	2					0.314			
	48	8							0.334	
	47	8	0.314							
	47	9		0.215						
	46	12		0.217						
	46	6					0.316			
	46	7						0.316		
	46	8					0.316			
	45	7	0.317				0.317			
	45	8			0.341	0.317		0.317		
	45	9								0.317
	45	12						0.319		
	45	2						0.319		
	45	6	0.317							
	44	2								0.321
	44	7				0.319				
	43	6			0.345					
	42	2				0.325				
	42	6		0.222						
	42	7		0.222	0.347					
	41	8		0.223						0.325
	40	7								0.327
	39	2		0.227						
	38	12								0.333
	37	6								0.334

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.

VOC Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

2030	33	19							0.346
	32	19		0.241					
	31	14					0.354		
	29	14							0.362
	29	16							0.362
	29	19			0.362		0.362		
	28	14		0.253					
	27	16		0.257					
	27	17		0.257					0.372
	26	16			0.377				
	25	17			0.382		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.

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
2008	69	1						2.033		
	67	1		1.941						
	65	1								2.033
	60	11								2.000
	59	11		1.859						
	50	6				1.514				
	50	9							1.518	
	49	7							1.504	
	49	9				1.500	1.500	1.500		
	48	8							1.489	
	48	9	1.485		1.489					
	48	2					1.578			
	47	8	1.470							
	47	9		1.380						
	46	12		1.456						
	46	8					1.454			
	46	6					1.454			
	46	7						1.454		
	45	12						1.530		
	45	2						1.530		
	45	6	1.437							
	45	7	1.437				1.437			
	45	8			1.441	1.437		1.437		
	45	9								1.437
	44	2								1.512
	44	7				1.428				
	43	6			1.422					
	42	7		1.318	1.412					
	42	2				1.492				
	42	6		1.318						
	41	8		1.307						1.397
	40	7								1.386
	39	2		1.371						
	38	12								1.457
	37	6								1.371

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.)*

2008	33	19								1.366
	32	19		1.277						
	31	14						1.372		
	29	14								1.383
	29	16								1.383
	29	19				1.383		1.383		
	28	14		1.300						
	27	16		1.309						
	27	17		1.309						1.403
	26	16				1.413				
	25	17				1.425		1.425		
	24	14				1.440				
	23	16						1.455		

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
2011	69	1						1.472		
	67	1		1.362						
	65	1								1.472
	60	11								1.449
	59	11		1.304						
	50	6				1.115				
	50	9							1.118	
	49	7							1.108	
	49	9				1.105	1.105	1.105		
	48	9	1.094		1.098					
	48	2					1.152			
	48	8							1.098	
	47	9		0.976						
	47	8	1.083							
	46	12		1.022						
	46	6					1.072			
	46	7						1.072		
	46	8					1.072			
	45	2						1.118		
	45	9								1.060
	45	8			1.064	1.060		1.060		
	45	6	1.060							
	45	12						1.118		
	45	7	1.060				1.060			
	44	2								1.106
	44	7				1.054				
	43	6			1.050					
	42	7		0.933	1.043					
	42	2				1.091				
	42	6		0.933						
	41	8		0.925						1.032
	40	7								1.024
	39	2		0.963						
	38	12								1.067
	37	6								1.014

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.)*

2011	33	19							1.010
	32	19		0.905					
	31	14					1.014		
	29	14							1.023
	29	16							1.023
	29	19			1.023		1.023		
	28	14		0.921					
	27	16		0.927					
	27	17		0.927					1.037
	26	16			1.045				
	25	17			1.054		1.054		
	24	14			1.064				
	23	16					1.076		

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
2016	69	1						0.838		
	67	1		0.712						
	65	1								0.838
	60	11								0.827
	59	11		0.684						
	50	6				0.656				
	50	9							0.659	
	49	9				0.651	0.651	0.651		
	49	7							0.654	
	48	9	0.646		0.648					
	48	2					0.678			
	48	8							0.648	
	47	8	0.640							
	47	9		0.518						
	46	12		0.543						
	46	6					0.634			
	46	7						0.634		
	46	8					0.634			
	45	8			0.631	0.628		0.628		
	45	12						0.661		
	45	2						0.661		
	45	6	0.628							
	45	7	0.628				0.628			
	45	9								0.628
	44	7				0.625				
	44	2								0.655
	43	6			0.624					
	42	2				0.647				
	42	6		0.496						
	42	7		0.496	0.620					
	41	8		0.492						0.614
	40	7								0.609
	39	2		0.513						
	38	12								0.634
	37	6								0.604

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.)*

2016	33	19								0.602
	32	19		0.482						
	31	14						0.605		
	29	14								0.610
	29	16								0.610
	29	19				0.610		0.610		
	28	14		0.490						
	27	16		0.494						
	27	17		0.494						0.619
	26	16				0.624				
	25	17				0.629		0.629		
	24	14				0.635				
	23	16						0.641		

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
2025	69	1						0.438		
	67	1		0.298						
	65	1								0.438
	60	11								0.433
	59	11		0.288						
	50	6				0.370				
	50	9							0.372	
	49	9				0.368	0.368	0.368		
	49	7							0.370	
	48	2					0.374			
	48	8							0.368	
	48	9	0.365		0.368					
	47	8	0.363							
	47	9		0.229						
	46	12		0.234						
	46	6					0.360			
	46	7						0.360		
	46	8					0.360			
	45	6	0.357							
	45	9								0.357
	45	7	0.357				0.357			
	45	2						0.366		
	45	12						0.366		
	45	8			0.360	0.357		0.357		
	44	2								0.363
	44	7				0.356				
	43	6			0.356					
	42	2				0.359				
	42	6		0.220						
	42	7		0.220	0.354					
	41	8		0.219						0.350
	40	7								0.348
	39	2		0.221						
	38	12								0.353
	37	6								0.346

HPMS Federal 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.

NOX Composite Emission Factors by County *(Emission factors calculated for 90% credit for Maine LEV II Program.)*

2025	33	19								0.345
	32	19		0.215						
	31	14						0.347		
	29	14								0.351
	29	16								0.351
	29	19				0.351		0.351		
	28	14		0.219						
	27	17		0.221						0.356
	27	16		0.221						
	26	16				0.359				
	25	17				0.363		0.363		
	24	14				0.366				
	23	16						0.371		

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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	69	1						0.364		
	67	1		0.225						
	65	1								0.364
	60	11								0.361
	59	11		0.218						
	50	6				0.316				
	50	9							0.319	
	49	7							0.317	
	49	9				0.315	0.315	0.315		
	48	9	0.313		0.315					
	48	2					0.318			
	48	8							0.315	
	47	8	0.311							
	47	9		0.178						
	46	12		0.180						
	46	6					0.309			
	46	7						0.309		
	46	8					0.309			
	45	7	0.307				0.307			
	45	8			0.309	0.307		0.307		
	45	9								0.307
	45	12						0.312		
	45	2						0.312		
	45	6	0.307							
	44	2								0.310
	44	7				0.306				
	43	6			0.307					
	42	2				0.307				
	42	6		0.171						
	42	7		0.171	0.305					
	41	8		0.170						0.302
	40	7								0.300
	39	2		0.170						
	38	12								0.302
	37	6								0.298

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.)*

2030	33	19							0.298
	32	19		0.167					
	31	14					0.300		
	29	14							0.303
	29	16							0.303
	29	19			0.303		0.303		
	28	14		0.171					
	27	16		0.172					
	27	17		0.172					0.308
	26	16			0.310				
	25	17			0.313		0.313		
	24	14			0.316				
	23	16					0.320		

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EMISSIONS BY TOWN AND YEAR

2011 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	45	296	0.651	0.193	1.060	0.314
7	45	61,208	0.651	39.853	1.060	64.899
8	47	17,925	0.645	11.564	1.083	19.420
<i>Total for Durham:</i>				51.609		84.633
Total for Androscoggin County:				51.609 kg		84.633 kg

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	161,698	0.529	85.571	1.362	220.152
12	46	249,272	0.552	137.623	1.022	254.830
14	28	57,239	0.623	35.660	0.921	52.729
16	27	63,185	0.630	39.806	0.927	58.585
17	27	143,274	0.630	90.262	0.927	132.843
19	32	42,837	0.598	25.617	0.905	38.772
7	42	38,929	0.560	21.800	0.933	36.329
9	47	57,969	0.547	31.709	0.976	56.595
<i>Total for Brunswick:</i>				468.048		850.835

Cape Elizabeth

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	73,712	0.630	46.438	0.927	68.346
19	32	27,483	0.598	16.435	0.905	24.875
<i>Total for Cape Elizabeth:</i>				62.874		93.221

Casco

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	67,628	0.572	38.683	0.963	65.132
6	42	34,337	0.560	19.229	0.933	32.043
8	41	21,460	0.562	12.063	0.925	19.857
9	47	20,687	0.547	11.316	0.976	20.197
<i>Total for Casco:</i>				81.290		137.229

Cumberland

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	175,420	0.529	92.832	1.362	238.834
11	59	67,795	0.530	35.945	1.304	88.432
17	27	54,622	0.630	34.412	0.927	50.646
19	32	15,025	0.598	8.985	0.905	13.599
6	42	18,455	0.560	10.335	0.933	17.222
7	42	21,429	0.560	12.000	0.933	19.998
8	41	13,707	0.562	7.705	0.925	12.683
9	47	17,301	0.547	9.464	0.976	16.891
<i>Total for Cumberland:</i>				211.678		458.305

2011 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	265,332	0.529	140.414	1.362	361.249
11	59	213,781	0.530	113.346	1.304	278.855
14	28	9,363	0.623	5.833	0.921	8.625
16	27	26,517	0.630	16.706	0.927	24.587
17	27	126,630	0.630	79.777	0.927	117.412
19	32	11,118	0.598	6.648	0.905	10.063
6	42	25,711	0.560	14.398	0.933	23.993
7	42	61,758	0.560	34.585	0.933	57.633
8	41	12,999	0.562	7.306	0.925	12.028
9	47	26,817	0.547	14.669	0.976	26.181
<i>Total for Falmouth:</i>				433.683		920.626

Freeport

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	306,702	0.529	162.307	1.362	417.574
11	59	78,956	0.530	41.862	1.304	102.990
17	27	86,465	0.630	54.473	0.927	80.170
19	32	13,852	0.598	8.283	0.905	12.537
7	42	39,196	0.560	21.950	0.933	36.578
8	41	27,539	0.562	15.480	0.925	25.482
9	47	33,373	0.547	18.255	0.976	32.582
<i>Total for Freeport:</i>				322.610		707.913

Frye Island

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	0	0.547	0.000	0.976	0.000
<i>Total for Frye Island:</i>				0.000		0.000

Gorham

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	63,451	0.623	39.530	0.921	58.451
16	27	106,305	0.630	66.972	0.927	98.566
17	27	81,989	0.630	51.653	0.927	76.020
19	32	25,531	0.598	15.268	0.905	23.108
2	39	7,999	0.572	4.575	0.963	7.704
6	42	77,337	0.560	43.309	0.933	72.171
7	42	69,396	0.560	38.862	0.933	64.760
8	41	4,409	0.562	2.478	0.925	4.079
9	47	45,673	0.547	24.983	0.976	44.590
<i>Total for Gorham:</i>				287.630		449.450

2011 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	248,465	0.529	131.488	1.362	338.286
2	39	67,077	0.572	38.368	0.963	64.602
6	42	136,589	0.560	76.490	0.933	127.464
7	42	27,475	0.560	15.386	0.933	25.640
8	41	14,135	0.562	7.945	0.925	13.079
9	47	45,414	0.547	24.841	0.976	44.337
<i>Total for Gray:</i>				294.518		613.408

Harpwell

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	91,887	0.560	51.457	0.933	85.749
8	41	12,095	0.562	6.799	0.925	11.192
9	47	9,312	0.547	5.094	0.976	9.091
<i>Total for Harpswell:</i>				63.349		106.032

Long Island

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	32	188	0.598	0.112	0.905	0.170
<i>Total for Long Island:</i>				0.112		0.170

New Gloucester

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	166,848	0.529	88.296	1.362	227.163
2	39	25,378	0.572	14.516	0.963	24.441
6	42	71,494	0.560	40.037	0.933	66.718
7	42	26,106	0.560	14.620	0.933	24.362
8	41	2,753	0.562	1.547	0.925	2.547
9	47	44,590	0.547	24.391	0.976	43.533
<i>Total for New Gloucester:</i>				183.406		388.765

North Yarmouth

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	14,208	0.630	8.951	0.927	13.174
19	32	467	0.598	0.279	0.905	0.423
7	42	36,693	0.560	20.548	0.933	34.242
8	41	8,727	0.562	4.905	0.925	8.075
9	47	14,042	0.547	7.681	0.976	13.709
<i>Total for North Yarmouth:</i>				42.364		69.622

Portland

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	617,884	0.530	327.602	1.304	805.968
12	46	33,336	0.552	18.405	1.022	34.079
14	28	499,230	0.623	311.020	0.921	459.891
16	27	177,461	0.630	111.801	0.927	164.542
17	27	191,177	0.630	120.442	0.927	177.260
19	32	110,902	0.598	66.319	0.905	100.377
<i>Total for Portland:</i>				955.589		1,742.118

HPMS Functional Class Codes:

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2011 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Pownal

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,398	0.560	11.423	0.933	19.035
9	47	19,960	0.547	10.918	0.976	19.487
<i>Total for Pownal:</i>				22.341		38.523

Raymond

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	74,303	0.572	42.501	0.963	71.561
8	41	57,299	0.562	32.208	0.925	53.019
9	47	34,398	0.547	18.816	0.976	33.583
<i>Total for Raymond:</i>				93.525		158.163

Scarborough

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	404,262	0.529	213.935	1.362	550.403
11	59	63,699	0.530	33.773	1.304	83.089
12	46	23,160	0.552	12.786	1.022	23.676
16	27	294,081	0.630	185.271	0.927	272.671
17	27	230,193	0.630	145.021	0.927	213.435
19	32	49,127	0.598	29.378	0.905	44.465
7	42	12,158	0.560	6.809	0.933	11.346
8	41	51,710	0.562	29.066	0.925	47.847
9	47	36,578	0.547	20.008	0.976	35.711
<i>Total for Scarborough:</i>				676.049		1,282.644

South Portland

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	237,394	0.530	125.866	1.304	309.657
12	46	83,714	0.552	46.218	1.022	85.580
14	28	40,744	0.623	25.384	0.921	37.534
16	27	213,737	0.630	134.654	0.927	198.177
17	27	125,291	0.630	78.934	0.927	116.170
19	32	73,472	0.598	43.936	0.905	66.499
<i>Total for South Portland:</i>				454.992		813.617

Standish

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	42	77,043	0.560	43.144	0.933	71.896
7	42	207,401	0.560	116.144	0.933	193.546
9	47	55,123	0.547	30.152	0.976	53.817
<i>Total for Standish:</i>				189.440		319.259

2011 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	46	27,805	0.552	15.351	1.022	28.425
14	28	108,212	0.623	67.416	0.921	99.685
16	27	132,853	0.630	83.697	0.927	123.181
17	27	106,844	0.630	67.312	0.927	99.066
19	32	44,018	0.598	26.323	0.905	39.841
<i>Total for Westbrook:</i>				260.099		390.197

Windham

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	39,638	0.623	24.694	0.921	36.514
16	27	9,911	0.630	6.244	0.927	9.189
17	27	48,393	0.630	30.487	0.927	44.870
19	32	11,049	0.598	6.607	0.905	10.001
2	39	175,906	0.572	100.619	0.963	169.416
6	42	83,408	0.560	46.709	0.933	77.837
7	42	55,105	0.560	30.859	0.933	51.424
8	41	30,904	0.562	17.371	0.925	28.596
9	47	53,450	0.547	29.237	0.976	52.183
<i>Total for Windham:</i>				292.827		480.028

Yarmouth

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	152,149	0.530	80.669	1.304	198.463
17	27	101,496	0.630	63.943	0.927	94.107
19	32	37,011	0.598	22.133	0.905	33.499
9	47	2,984	0.547	1.632	0.976	2.913
<i>Total for Yarmouth:</i>				168.377		328.983

Total for Cumberland County: 5,564.801 kg 10,349.108 kg

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	19,834	0.634	12.579	1.072	21.269
9	49	1,887	0.625	1.180	1.105	2.086
<i>Total for Arrowsic:</i>				13.759		23.354

Bath

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	45	37,316	0.641	23.923	1.118	41.731
14	31	5,312	0.700	3.719	1.014	5.388
16	23	2,929	0.772	2.262	1.076	3.153
17	25	58,834	0.749	44.072	1.054	62.028
19	29	23,936	0.715	17.115	1.023	24.494
7	46	802	0.634	0.509	1.072	0.860
8	45	2,501	0.638	1.596	1.060	2.652
9	49	8,065	0.625	5.042	1.105	8.915
<i>Total for Bath:</i>				98.237		149.220

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.

2011 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	11,538	0.605	6.983	1.472	16.980
7	46	39,573	0.634	25.097	1.072	42.434
8	45	16,755	0.638	10.692	1.060	17.766
9	49	12,275	0.625	7.675	1.105	13.568
<i>Total for Bowdoin:</i>				50.446		90.747

Bowdoinham

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	183,018	0.605	110.763	1.472	269.329
7	46	28,417	0.634	18.022	1.072	30.471
8	45	2,750	0.638	1.755	1.060	2.916
9	49	8,624	0.625	5.392	1.105	9.532
<i>Total for Bowdoinham:</i>				135.931		312.249

Georgetown

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	15,854	0.634	10.055	1.072	17.001
9	49	8,713	0.625	5.447	1.105	9.630
<i>Total for Georgetown:</i>				15.502		26.631

Phippsburg

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	37,839	0.634	23.997	1.072	40.575
8	45	10,641	0.638	6.790	1.060	11.282
9	49	16,431	0.625	10.273	1.105	18.161
<i>Total for Phippsburg:</i>				41.060		70.018

Richmond

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	130,061	0.605	78.713	1.472	191.398
7	46	51,833	0.634	32.872	1.072	55.580
8	45	5,285	0.638	3.372	1.060	5.604
9	49	9,218	0.625	5.763	1.105	10.189
<i>Total for Richmond:</i>				120.721		262.771

Topsham

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	136,045	0.605	82.334	1.472	200.204
14	31	59,542	0.700	41.679	1.014	60.393
16	23	19,886	0.772	15.356	1.076	21.403
17	25	29,547	0.749	22.134	1.054	31.152
19	29	20,673	0.715	14.781	1.023	21.155
2	45	90,558	0.641	58.056	1.118	101.271
7	46	27,334	0.634	17.335	1.072	29.310
8	45	14,965	0.638	9.549	1.060	15.867
9	49	11,591	0.625	7.247	1.105	12.812
<i>Total for Topsham:</i>				268.472		493.566

2011 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

West Bath

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	65,949	0.641	42.280	1.118	73.751
7	46	24,359	0.634	15.449	1.072	26.121
8	45	12,170	0.638	7.766	1.060	12.904
9	49	15,923	0.625	9.955	1.105	17.600
<i>Total for West Bath:</i>				75.450		130.375

Woolwich

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	128,955	0.641	82.673	1.118	144.211
7	46	1,311	0.634	0.831	1.072	1.405
8	45	32,773	0.638	20.913	1.060	34.750
9	49	12,741	0.625	7.966	1.105	14.083
<i>Total for Woolwich:</i>				112.383		194.448

Total for Sagadahoc County: 931.961 kg 1,753.381 kg

31 York County

Alfred

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	87,382	0.646	56.457	1.106	96.670
6	37	22,451	0.668	14.998	1.014	22.770
8	41	482	0.653	0.315	1.032	0.498
9	45	29,939	0.640	19.164	1.060	31.745
<i>Total for Alfred:</i>				90.934		151.682

Arundel

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	211,508	0.607	128.428	1.472	311.255
2	44	61,302	0.646	39.607	1.106	67.818
6	37	58,612	0.668	39.153	1.014	59.445
7	40	20,689	0.656	13.574	1.024	21.192
9	45	54,729	0.640	35.032	1.060	58.029
<i>Total for Arundel:</i>				255.794		517.739

Berwick

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	2,562	0.716	1.835	1.023	2.622
16	29	27,565	0.716	19.739	1.023	28.207
17	27	13,746	0.732	10.064	1.037	14.259
19	33	30,197	0.688	20.779	1.010	30.505
6	37	61,994	0.668	41.412	1.014	62.874
8	41	8,828	0.653	5.764	1.032	9.113
9	45	28,741	0.640	18.397	1.060	30.474
<i>Total for Berwick:</i>				117.989		178.054

2011 Portland, Maine Ozone Maintenance Area

31 York County

Biddeford

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	172,399	0.607	104.681	1.472	253.703
16	29	58,271	0.716	41.728	1.023	59.629
17	27	111,586	0.732	81.692	1.037	115.748
19	33	30,055	0.688	20.681	1.010	30.362
2	44	35,175	0.646	22.727	1.106	38.914
6	37	45,466	0.668	30.372	1.014	46.112
7	40	18,031	0.656	11.830	1.024	18.470
8	41	33,187	0.653	21.671	1.032	34.259
9	45	26,134	0.640	16.728	1.060	27.709
<i>Total for Biddeford:</i>				352.110		624.906

Buxton

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	40,480	0.646	26.154	1.106	44.783
7	40	34,624	0.656	22.717	1.024	35.465
8	41	80,236	0.653	52.394	1.032	82.827
9	45	42,555	0.640	27.239	1.060	45.121
<i>Total for Buxton:</i>				128.504		208.197

Dayton

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	51,523	0.656	33.804	1.024	52.775
8	41	2,507	0.653	1.637	1.032	2.588
9	45	11,565	0.640	7.403	1.060	12.263
<i>Total for Dayton:</i>				42.844		67.626

Eliot

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	91,851	0.716	65.775	1.023	93.991
17	27	37,723	0.732	27.617	1.037	39.130
19	33	14,970	0.688	10.301	1.010	15.123
7	40	315	0.656	0.207	1.024	0.323
8	41	1,914	0.653	1.250	1.032	1.976
9	45	3,187	0.640	2.040	1.060	3.379
<i>Total for Eliot:</i>				107.189		153.921

Hollis

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	41,923	0.646	27.086	1.106	46.379
7	40	66,190	0.656	43.427	1.024	67.798
8	41	22,764	0.653	14.865	1.032	23.499
9	45	25,943	0.640	16.606	1.060	27.507
<i>Total for Hollis:</i>				101.984		165.183

2011 Portland, Maine Ozone Maintenance Area

31 York County

Kennebunk

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	243,071	0.607	147.593	1.472	357.703
6	37	42,275	0.668	28.239	1.014	42.875
7	40	134,218	0.656	88.061	1.024	137.480
8	41	47,772	0.653	31.195	1.032	49.315
9	45	47,411	0.640	30.348	1.060	50.270
<i>Total for Kennebunk:</i>				325.435		637.642

Kennebunkport

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	41,585	0.656	27.284	1.024	42.596
9	45	50,040	0.640	32.030	1.060	53.057
<i>Total for Kennebunkport:</i>				59.314		95.653

Kittery

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	126,910	0.607	77.060	1.472	186.760
11	60	140,867	0.608	85.675	1.449	204.046
12	38	16,830	0.667	11.227	1.067	17.961
14	29	30,963	0.716	22.172	1.023	31.684
16	29	84,074	0.716	60.205	1.023	86.033
17	27	37,627	0.732	27.546	1.037	39.030
19	33	14,903	0.688	10.255	1.010	15.055
6	37	13,137	0.668	8.775	1.014	13.323
7	40	2,653	0.656	1.741	1.024	2.718
8	41	3,993	0.653	2.607	1.032	4.122
9	45	9,026	0.640	5.777	1.060	9.570
<i>Total for Kittery:</i>				313.042		610.303

Limington

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	42,367	0.668	28.301	1.014	42.969
7	40	31,513	0.656	20.676	1.024	32.279
8	41	3,868	0.653	2.526	1.032	3.993
9	45	17,418	0.640	11.149	1.060	18.468
<i>Total for Limington:</i>				62.652		97.708

Lyman

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	81,448	0.646	52.623	1.106	90.106
7	40	22,663	0.656	14.869	1.024	23.214
8	41	24,296	0.653	15.865	1.032	25.081
9	45	24,317	0.640	15.565	1.060	25.783
<i>Total for Lyman:</i>				98.923		164.183

2011 Portland, Maine Ozone Maintenance Area

31 York County

North Berwick

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	91,908	0.668	61.395	1.014	93.213
8	41	4,565	0.653	2.981	1.032	4.713
9	45	43,658	0.640	27.946	1.060	46.291
<i>Total for North Berwick:</i>				92.322		144.217

Ogunquit

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	76,521	0.607	46.464	1.472	112.608
6	37	45,642	0.668	30.489	1.014	46.290
7	40	10,097	0.656	6.625	1.024	10.343
9	45	13,676	0.640	8.754	1.060	14.501
<i>Total for Ogunquit:</i>				92.331		183.742

Old Orchard Beach

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	679	0.667	0.453	1.067	0.725
17	27	75,897	0.732	55.564	1.037	78.728
19	33	26,123	0.688	17.975	1.010	26.389
<i>Total for Old Orchard Beach:</i>				73.993		105.842

Saco

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	357,688	0.607	217.188	1.472	526.374
11	60	170,344	0.608	103.603	1.449	246.743
12	38	9,994	0.667	6.667	1.067	10.666
16	29	63,515	0.716	45.483	1.023	64.995
17	27	128,810	0.732	94.302	1.037	133.615
19	33	32,871	0.688	22.619	1.010	33.207
6	37	48,724	0.668	32.548	1.014	49.416
7	40	59,230	0.656	38.861	1.024	60.669
8	41	4,039	0.653	2.637	1.032	4.169
9	45	33,736	0.640	21.594	1.060	35.770
<i>Total for Saco:</i>				585.503		1,165.624

Sanford

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	134,713	0.716	96.468	1.023	137.852
16	29	47,369	0.716	33.921	1.023	48.473
17	27	79,589	0.732	58.267	1.037	82.557
19	33	48,521	0.688	33.387	1.010	49.016
2	44	34,966	0.646	22.591	1.106	38.682
6	37	59,480	0.668	39.733	1.014	60.325
7	40	27,362	0.656	17.952	1.024	28.027
8	41	12,252	0.653	8.000	1.032	12.647
9	45	42,793	0.640	27.392	1.060	45.373
<i>Total for Sanford:</i>				337.712		502.953

2011 Portland, Maine Ozone Maintenance Area

31 York County

South Berwick

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	63,009	0.716	45.121	1.023	64.477
17	27	6,198	0.732	4.538	1.037	6.429
19	33	27,191	0.688	18.710	1.010	27.468
6	37	25,670	0.668	17.147	1.014	26.034
7	40	9,966	0.656	6.538	1.024	10.208
9	45	21,384	0.640	13.688	1.060	22.674
<i>Total for South Berwick:</i>				105.743		157.291

Wells

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	471,604	0.607	286.358	1.472	694.012
2	44	54,986	0.646	35.526	1.106	60.831
6	37	195,748	0.668	130.760	1.014	198.528
7	40	15,444	0.656	10.133	1.024	15.819
8	41	27,304	0.653	17.829	1.032	28.186
9	45	79,286	0.640	50.751	1.060	84.067
<i>Total for Wells:</i>				531.357		1,081.442

York

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	580,676	0.607	352.587	1.472	854.523
6	37	159,650	0.668	106.646	1.014	161.917
7	40	118,145	0.656	77.515	1.024	121.015
8	41	42,327	0.653	27.639	1.032	43.694
9	45	86,009	0.640	55.054	1.060	91.195
<i>Total for York:</i>				619.441		1,272.345

Total for York County: 4,495.115 kg 8,286.253 kg

2011 Portland, Maine Ozone Maintenance Area: 11,043.486 kg 20,473.375 kg
12.170 tons 22.562 tons

2011 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	130,875	0.715	93.589	1.050	137.458
7	42	113,560	0.719	81.661	1.043	118.477
8	45	736	0.708	0.521	1.064	0.783
<i>Total for Bar Harbor:</i>				175.770		256.718

Blue Hill

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	63,029	0.719	45.324	1.043	65.758
8	45	42,762	0.708	30.280	1.064	45.512
<i>Total for Blue Hill:</i>				75.604		111.270

Brooklin

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	14,150	0.708	10.020	1.064	15.060
<i>Total for Brooklin:</i>				10.020		15.060

Brooksville

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,112	0.719	0.799	1.043	1.160
8	45	14,031	0.708	9.935	1.064	14.933
<i>Total for Brooksville:</i>				10.735		16.093

Deer Isle

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	34,825	0.719	25.043	1.043	36.333
8	45	8,623	0.708	6.106	1.064	9.178
<i>Total for Deer Isle:</i>				31.149		45.511

Frenchboro

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.708	0.000	1.064	0.000
<i>Total for Frenchboro:</i>				0.000		0.000

Gouldsboro

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	38,149	0.715	27.280	1.050	40.067
7	42	22,102	0.719	15.894	1.043	23.059
8	45	11,485	0.708	8.132	1.064	12.223
<i>Total for Gouldsboro:</i>				51.306		75.350

Hancock

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	88,441	0.715	63.244	1.050	92.889
7	42	20,978	0.719	15.086	1.043	21.887
8	45	3,021	0.708	2.139	1.064	3.215
<i>Total for Hancock:</i>				80.469		117.992

2011 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Lamoine

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	19,844	0.719	14.270	1.043	20.703
8	45	11,871	0.708	8.406	1.064	12.634
<i>Total for Lamoine:</i>				22.676		33.338

Sedgwick

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	33,155	0.719	23.842	1.043	34.591
8	45	16,914	0.708	11.977	1.064	18.001
<i>Total for Sedgwick:</i>				35.818		52.592

Sorrento

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	1,881	0.708	1.332	1.064	2.002
<i>Total for Sorrento:</i>				1.332		2.002

Southwest Harbor

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	47,642	0.719	34.260	1.043	49.705
8	45	13,686	0.708	9.691	1.064	14.566
<i>Total for Southwest Harbor:</i>				43.951		64.271

Stonington

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,652	0.719	5.503	1.043	7.984
8	45	5,932	0.708	4.201	1.064	6.314
<i>Total for Stonington:</i>				9.703		14.297

Sullivan

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	50,022	0.715	35.771	1.050	52.538
7	42	2,651	0.719	1.907	1.043	2.766
8	45	4,081	0.708	2.889	1.064	4.343
<i>Total for Sullivan:</i>				40.567		59.647

Surry

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	38,183	0.719	27.458	1.043	39.837
8	45	10,952	0.708	7.755	1.064	11.656
<i>Total for Surry:</i>				35.213		51.493

Swans Island

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,057	0.719	0.760	1.043	1.103
8	45	0	0.708	0.000	1.064	0.000
<i>Total for Swans Island:</i>				0.760		1.103

Tremont

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,750	0.719	3.415	1.043	4.955
8	45	20,224	0.708	14.320	1.064	21.524
<i>Total for Tremont:</i>				17.736		26.479

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

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2011 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Trenton

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	129,675	0.715	92.730	1.050	136.197
7	42	4,055	0.719	2.916	1.043	4.230
8	45	15,375	0.708	10.887	1.064	16.363
<i>Total for Trenton:</i>				106.533		156.791

Winter Harbor

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,607	0.719	5.470	1.043	7.937
8	45	714	0.708	0.505	1.064	0.759
<i>Total for Winter Harbor:</i>				5.976		8.696

Total for Hancock County: 755.317 kg 1,108.703 kg

13 Knox County

Camden

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	47,711	0.664	31.685	1.091	52.067
7	44	13,693	0.654	8.957	1.054	14.436
8	45	25,559	0.651	16.642	1.060	27.100
9	49	30,328	0.639	19.383	1.105	33.522
<i>Total for Camden:</i>				76.666		127.126

Cushing

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,279	0.654	4.761	1.054	7.674
8	45	20,765	0.651	13.520	1.060	22.017
9	49	1,537	0.639	0.982	1.105	1.699
<i>Total for Cushing:</i>				19.264		31.390

Friendship

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	11,336	0.654	7.415	1.054	11.952
8	45	1,194	0.651	0.777	1.060	1.266
9	49	3,892	0.639	2.487	1.105	4.302
<i>Total for Friendship:</i>				10.680		17.519

Isle Au Haut

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	49	1,560	0.639	0.997	1.105	1.724
<i>Total for Isle Au Haut:</i>				0.997		1.724

Matinicus Isle Plt

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.651	0.000	1.060	0.000
9	49	90	0.639	0.058	1.105	0.100
<i>Total for Matinicus Isle Plt:</i>				0.058		0.100

2011 MidCoast, Maine Ozone Maintenance Area

13 Knox County

North Haven

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	678	0.654	0.443	1.054	0.715
8	45	241	0.651	0.157	1.060	0.256
9	49	1,064	0.639	0.680	1.105	1.176
<i>Total for North Haven:</i>				1.281		2.147

Owls Head

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	13,233	0.654	8.656	1.054	13.951
8	45	11,573	0.651	7.535	1.060	12.271
9	49	3,225	0.639	2.061	1.105	3.564
<i>Total for Owls Head:</i>				18.252		29.787

Rockland

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	24	57,897	0.774	44.818	1.064	61.625
16	26	21,711	0.753	16.351	1.045	22.694
17	25	35,075	0.762	26.734	1.054	36.980
19	29	18,697	0.728	13.614	1.023	19.133
6	50	17,494	0.636	11.130	1.115	19.511
7	44	7,538	0.654	4.931	1.054	7.948
8	45	0	0.651	0.000	1.060	0.000
9	49	3,578	0.639	2.287	1.105	3.955
<i>Total for Rockland:</i>				119.863		171.846

Rockport

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	85,188	0.664	56.574	1.091	92.966
6	50	94,888	0.636	60.368	1.115	105.828
7	44	5,711	0.654	3.736	1.054	6.021
8	45	8,911	0.651	5.802	1.060	9.448
9	49	38,137	0.639	24.374	1.105	42.153
<i>Total for Rockport:</i>				150.852		256.417

South Thomaston

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	37,735	0.654	24.683	1.054	39.785
8	45	5,218	0.651	3.398	1.060	5.533
9	49	7,198	0.639	4.600	1.105	7.956
<i>Total for South Thomaston:</i>				32.681		53.274

Thomaston

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	67,665	0.664	44.936	1.091	73.842
7	44	15,718	0.654	10.281	1.054	16.572
8	45	6,290	0.651	4.096	1.060	6.670
9	49	13,086	0.639	8.363	1.105	14.464
<i>Total for Thomaston:</i>				67.676		111.548

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2011 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Vinalhaven

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,059	0.654	2.001	1.054	3.225
8	45	0	0.651	0.000	1.060	0.000
9	49	2,387	0.639	1.526	1.105	2.639
<i>Total for Vinalhaven:</i>				3.526		5.864

Warren

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	63,371	0.664	42.085	1.091	69.157
6	50	44,593	0.636	28.370	1.115	49.734
7	44	19,908	0.654	13.022	1.054	20.989
8	45	6,123	0.651	3.987	1.060	6.493
9	49	24,476	0.639	15.643	1.105	27.054
<i>Total for Warren:</i>				103.106		173.427

Total for Knox County: 604.902 kg 982.167 kg

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,158	0.651	7.916	1.060	12.891
8	46	6,096	0.648	3.951	1.072	6.536
9	49	2,665	0.639	1.703	1.105	2.945
<i>Total for Alna:</i>				13.569		22.372

Boothbay

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	62,681	0.648	40.623	1.072	67.213
7	45	5,638	0.651	3.671	1.060	5.978
8	46	24,077	0.648	15.604	1.072	25.818
9	49	25,812	0.639	16.496	1.105	28.530
<i>Total for Boothbay:</i>				76.395		127.538

Boothbay Harbor

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	22,031	0.648	14.279	1.072	23.624
7	45	18,230	0.651	11.869	1.060	19.329
8	46	11,792	0.648	7.642	1.072	12.644
9	49	13,959	0.639	8.921	1.105	15.429
<i>Total for Boothbay Harbor:</i>				42.711		71.027

Bremen

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,692	0.651	6.310	1.060	10.276
8	46	4,268	0.648	2.766	1.072	4.577
9	49	3,524	0.639	2.252	1.105	3.895
<i>Total for Bremen:</i>				11.328		18.747

2011 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Bristol

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	75,308	0.651	49.033	1.060	79.849
8	46	13,750	0.648	8.912	1.072	14.744
9	49	16,358	0.639	10.455	1.105	18.081
<i>Total for Bristol:</i>				68.399		112.674

Damariscotta

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	24,624	0.645	15.885	1.152	28.375
7	45	47,228	0.651	30.750	1.060	50.076
8	46	19,048	0.648	12.345	1.072	20.425
9	49	9,414	0.639	6.016	1.105	10.405
<i>Total for Damariscotta:</i>				64.997		109.281

Dresden

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	20,222	0.648	13.106	1.072	21.684
7	45	10,308	0.651	6.712	1.060	10.930
8	46	20,996	0.648	13.607	1.072	22.514
9	49	5,807	0.639	3.711	1.105	6.419
<i>Total for Dresden:</i>				37.136		61.547

Edgecomb

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	47,684	0.645	30.761	1.152	54.946
6	46	47,511	0.648	30.792	1.072	50.946
7	45	454	0.651	0.295	1.060	0.481
8	46	9,790	0.648	6.345	1.072	10.497
9	49	5,600	0.639	3.579	1.105	6.190
<i>Total for Edgecomb:</i>				71.772		123.061

Newcastle

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	87,541	0.645	56.473	1.152	100.874
7	45	20,843	0.651	13.571	1.060	22.100
8	46	20,818	0.648	13.492	1.072	22.323
9	49	8,707	0.639	5.564	1.105	9.623
<i>Total for Newcastle:</i>				89.100		154.920

Nobleboro

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	46,537	0.645	30.021	1.152	53.624
7	45	655	0.651	0.426	1.060	0.695
8	46	11,420	0.648	7.402	1.072	12.246
9	49	13,143	0.639	8.400	1.105	14.527
<i>Total for Nobleboro:</i>				46.249		81.092

2011 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	27,416	0.651	17.851	1.060	29.070
8	46	1,252	0.648	0.811	1.072	1.342
9	49	4,439	0.639	2.837	1.105	4.906
<i>Total for South Bristol:</i>				21.499		35.318

Southport

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	700	0.651	0.456	1.060	0.743
8	46	10,580	0.648	6.857	1.072	11.345
9	49	1,603	0.639	1.025	1.105	1.772
<i>Total for Southport:</i>				8.338		13.860

Waldoboro

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	91,131	0.645	58.788	1.152	105.010
7	45	63,464	0.651	41.321	1.060	67.291
8	46	11,410	0.648	7.395	1.072	12.235
9	49	23,887	0.639	15.266	1.105	26.403
<i>Total for Waldoboro:</i>				122.771		210.938

Wiscasset

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	95,731	0.645	61.756	1.152	110.311
6	46	27,540	0.648	17.849	1.072	29.531
7	45	6,651	0.651	4.330	1.060	7.052
8	46	10,549	0.648	6.837	1.072	11.312
9	49	16,653	0.639	10.643	1.105	18.407
<i>Total for Wiscasset:</i>				101.415		176.612

Total for Lincoln County: 775.681 kg 1,318.989 kg

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2011 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	796	0.693	0.552	1.108	0.883
8	48	2,010	0.697	1.402	1.098	2.208
9	50	12,343	0.690	8.519	1.118	13.804
<i>Total for Islesboro:</i>				10.473		16.895

Total for Waldo County: 10.473 kg 16.895 kg

2011 MidCoast, Maine Ozone Maintenance Area: 2,146.372 kg 3,426.754 kg
2.365 tons 3.776 tons

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	305	0.473	0.144	0.628	0.192
7	45	63,145	0.473	29.843	0.628	39.662
8	47	18,493	0.469	8.664	0.640	11.837
<i>Total for Durham:</i>				38.651		51.691
Total for Androscoggin County:				38.651 kg		51.691 kg

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	166,964	0.369	61.576	0.712	118.811
12	46	257,389	0.381	97.988	0.543	139.865
14	28	59,103	0.428	25.284	0.490	28.978
16	27	65,242	0.433	28.237	0.494	32.243
17	27	147,939	0.433	64.028	0.494	73.112
19	32	44,232	0.412	18.206	0.482	21.329
7	42	40,197	0.386	15.504	0.496	19.950
9	47	59,857	0.378	22.608	0.518	31.024
<i>Total for Brunswick:</i>				333.431		465.311

Cape Elizabeth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	74,235	0.433	32.129	0.494	36.687
19	32	28,467	0.412	11.717	0.482	13.727
<i>Total for Cape Elizabeth:</i>				43.846		50.414

Casco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	69,830	0.394	27.485	0.513	35.844
6	42	35,455	0.386	13.675	0.496	17.596
8	41	22,159	0.388	8.591	0.492	10.909
9	47	21,360	0.378	8.068	0.518	11.071
<i>Total for Casco:</i>				57.819		75.420

Cumberland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	181,132	0.369	66.801	0.712	128.894
11	59	68,365	0.369	25.213	0.684	46.727
17	27	59,926	0.433	25.936	0.494	29.615
19	32	15,280	0.412	6.289	0.482	7.368
6	42	19,056	0.386	7.350	0.496	9.458
7	42	22,127	0.386	8.534	0.496	10.982
8	41	14,153	0.388	5.487	0.492	6.968
9	47	17,865	0.378	6.747	0.518	9.259
<i>Total for Cumberland:</i>				152.359		249.270

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	273,972	0.369	101.041	0.712	194.959
11	59	218,291	0.369	80.506	0.684	149.202
14	28	9,363	0.428	4.005	0.490	4.591
16	27	27,859	0.433	12.057	0.494	13.768
17	27	131,632	0.433	56.970	0.494	65.053
19	32	11,497	0.412	4.732	0.482	5.544
6	42	26,548	0.386	10.240	0.496	13.176
7	42	63,769	0.386	24.596	0.496	31.649
8	41	13,422	0.388	5.204	0.492	6.608
9	47	27,690	0.378	10.458	0.518	14.352
<i>Total for Falmouth:</i>				309.810		498.900

Freeport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	316,689	0.369	116.795	0.712	225.356
11	59	81,498	0.369	30.056	0.684	55.704
17	27	91,869	0.433	39.761	0.494	45.402
19	32	14,984	0.412	6.167	0.482	7.225
7	42	40,472	0.386	15.610	0.496	20.086
8	41	28,436	0.388	11.024	0.492	13.999
9	47	34,460	0.378	13.016	0.518	17.861
<i>Total for Freeport:</i>				232.430		385.632

Frye Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	0	0.378	0.000	0.518	0.000
<i>Total for Frye Island:</i>				0.000		0.000

Gorham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	66,008	0.428	28.238	0.490	32.364
16	27	113,650	0.433	49.188	0.494	56.166
17	27	84,203	0.433	36.443	0.494	41.613
19	32	28,128	0.412	11.577	0.482	13.563
2	39	8,260	0.394	3.251	0.513	4.240
6	42	79,855	0.386	30.800	0.496	39.632
7	42	71,656	0.386	27.638	0.496	35.563
8	41	4,552	0.388	1.765	0.492	2.241
9	47	47,160	0.378	17.812	0.518	24.443
<i>Total for Gorham:</i>				206.713		249.825

2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	256,556	0.369	94.618	0.712	182.566
2	39	69,261	0.394	27.261	0.513	35.552
6	42	141,036	0.386	54.398	0.496	69.996
7	42	28,370	0.386	10.942	0.496	14.080
8	41	14,595	0.388	5.659	0.492	7.185
9	47	46,893	0.378	17.711	0.518	24.304
<i>Total for Gray:</i>				210.589		333.683

Harpwell

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	94,879	0.386	36.595	0.496	47.089
8	41	12,489	0.388	4.842	0.492	6.148
9	47	9,615	0.378	3.632	0.518	4.984
<i>Total for Harpswell:</i>				45.069		58.221

Long Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	32	194	0.412	0.080	0.482	0.094
<i>Total for Long Island:</i>				0.080		0.094

New Gloucester

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	172,281	0.369	63.537	0.712	122.595
2	39	26,204	0.394	10.314	0.513	13.451
6	42	73,822	0.386	28.473	0.496	36.638
7	42	26,957	0.386	10.397	0.496	13.379
8	41	2,843	0.388	1.102	0.492	1.399
9	47	46,042	0.378	17.390	0.518	23.863
<i>Total for New Gloucester:</i>				131.213		211.325

North Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	14,742	0.433	6.380	0.494	7.286
19	32	438	0.412	0.180	0.482	0.211
7	42	37,888	0.386	14.613	0.496	18.804
8	41	9,011	0.388	3.493	0.492	4.436
9	47	14,499	0.378	5.476	0.518	7.515
<i>Total for North Yarmouth:</i>				30.144		38.251

Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	631,540	0.369	232.912	0.684	431.657
12	46	34,816	0.381	13.254	0.543	18.919
14	28	513,458	0.428	219.657	0.490	251.749
16	27	185,483	0.433	80.277	0.494	91.665
17	27	198,920	0.433	86.093	0.494	98.306
19	32	116,846	0.412	48.094	0.482	56.343
<i>Total for Portland:</i>				680.287		948.640

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

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2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Pownal

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	21,062	0.386	8.124	0.496	10.453
9	47	20,610	0.378	7.785	0.518	10.682
<i>Total for Pownal:</i>				15.908		21.136

Raymond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	76,722	0.394	30.198	0.513	39.381
8	41	59,165	0.388	22.938	0.492	29.127
9	47	35,518	0.378	13.415	0.518	18.409
<i>Total for Raymond:</i>				66.551		86.918

Scarborough

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	417,426	0.369	153.947	0.712	297.041
11	59	65,680	0.369	24.223	0.684	44.893
12	46	24,751	0.381	9.423	0.543	13.449
16	27	310,049	0.433	134.189	0.494	153.226
17	27	238,065	0.433	103.035	0.494	117.652
19	32	52,743	0.412	21.709	0.482	25.433
7	42	12,554	0.386	4.842	0.496	6.231
8	41	53,394	0.388	20.701	0.492	26.286
9	47	37,769	0.378	14.266	0.518	19.576
<i>Total for Scarborough:</i>				486.334		703.786

South Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	243,044	0.369	89.635	0.684	166.121
12	46	88,142	0.381	33.556	0.543	47.896
14	28	41,840	0.428	17.899	0.490	20.514
16	27	221,623	0.433	95.919	0.494	109.526
17	27	128,386	0.433	55.566	0.494	63.448
19	32	75,206	0.412	30.955	0.482	36.264
<i>Total for South Portland:</i>				323.528		443.770

Standish

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	42	79,551	0.386	30.683	0.496	39.481
7	42	214,154	0.386	82.599	0.496	106.285
9	47	56,918	0.378	21.498	0.518	29.501
<i>Total for Standish:</i>				134.780		175.267

2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	46	28,959	0.381	11.025	0.543	15.736
14	28	110,311	0.428	47.191	0.490	54.086
16	27	138,725	0.433	60.040	0.494	68.558
17	27	111,759	0.433	48.369	0.494	55.231
19	32	49,221	0.412	20.259	0.482	23.734
<i>Total for Westbrook:</i>				186.884		217.345

Windham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	41,089	0.428	17.578	0.490	20.146
16	27	10,521	0.433	4.554	0.494	5.200
17	27	51,146	0.433	22.136	0.494	25.276
19	32	11,182	0.412	4.602	0.482	5.392
2	39	181,635	0.394	71.491	0.513	93.233
6	42	86,124	0.386	33.218	0.496	42.743
7	42	56,899	0.386	21.946	0.496	28.239
8	41	31,910	0.388	12.372	0.492	15.709
9	47	55,191	0.378	20.845	0.518	28.605
<i>Total for Windham:</i>				208.742		264.544

Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	158,144	0.369	58.323	0.684	108.091
17	27	101,131	0.433	43.770	0.494	49.979
19	32	38,980	0.412	16.044	0.482	18.796
9	47	3,081	0.378	1.164	0.518	1.597
<i>Total for Yarmouth:</i>				119.301		178.463

Total for Cumberland County: 3,975.819 kg 5,656.214 kg

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	20,342	0.471	9.571	0.634	12.899
9	49	1,936	0.464	0.897	0.651	1.260
<i>Total for Arrowsic:</i>				10.468		14.159

Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	45	38,272	0.475	18.164	0.661	25.301
14	31	5,448	0.518	2.819	0.605	3.296
16	23	3,004	0.571	1.714	0.641	1.926
17	25	60,340	0.554	33.404	0.629	37.954
19	29	24,549	0.529	12.974	0.610	14.975
7	46	823	0.471	0.387	0.634	0.522
8	45	2,565	0.473	1.212	0.628	1.611
9	49	8,272	0.464	3.835	0.651	5.386
<i>Total for Bath:</i>				74.510		90.971

HPMS Functional Class Codes:

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2016 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	11,834	0.451	5.334	0.838	9.920
7	46	40,586	0.471	19.096	0.634	25.736
8	45	17,184	0.473	8.121	0.628	10.793
9	49	12,590	0.464	5.837	0.651	8.197
<i>Total for Bowdoin:</i>				38.387		54.647

Bowdoinham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	187,705	0.451	84.598	0.838	157.353
7	46	29,144	0.471	13.712	0.634	18.480
8	45	2,821	0.473	1.333	0.628	1.772
9	49	8,845	0.464	4.101	0.651	5.759
<i>Total for Bowdoinham:</i>				103.744		183.364

Georgetown

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	16,260	0.471	7.651	0.634	10.311
9	49	8,936	0.464	4.143	0.651	5.818
<i>Total for Georgetown:</i>				11.793		16.129

Phippsburg

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	38,808	0.471	18.259	0.634	24.608
8	45	10,913	0.473	5.157	0.628	6.854
9	49	16,852	0.464	7.813	0.651	10.972
<i>Total for Phippsburg:</i>				31.229		42.435

Richmond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	133,392	0.451	60.120	0.838	111.822
7	46	53,160	0.471	25.012	0.634	33.709
8	45	5,420	0.473	2.562	0.628	3.405
9	49	9,454	0.464	4.383	0.651	6.156
<i>Total for Richmond:</i>				92.076		155.091

Topsham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	139,529	0.451	62.886	0.838	116.967
14	31	61,067	0.518	31.602	0.605	36.945
16	23	20,395	0.571	11.637	0.641	13.075
17	25	30,304	0.554	16.776	0.629	19.061
19	29	21,202	0.529	11.206	0.610	12.934
2	45	92,877	0.475	44.079	0.661	61.401
7	46	28,034	0.471	13.190	0.634	17.776
8	45	15,348	0.473	7.254	0.628	9.640
9	49	11,888	0.464	5.511	0.651	7.740
<i>Total for Topsham:</i>				204.141		295.540

HPMS Functional Class Codes:

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2016 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

West Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	67,638	0.475	32.101	0.661	44.715
7	46	24,983	0.471	11.755	0.634	15.842
8	45	12,481	0.473	5.899	0.628	7.840
9	49	16,331	0.464	7.571	0.651	10.633
Total for West Bath:				57.325		79.030

Woolwich

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	132,257	0.475	62.769	0.661	87.435
7	46	1,344	0.471	0.632	0.634	0.852
8	45	33,613	0.473	15.885	0.628	21.112
9	49	13,067	0.464	6.058	0.651	8.508
Total for Woolwich:				85.345		117.908

Total for Sagadahoc County: 709.020 kg 1,049.274 kg

31 York County

Alfred

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	90,354	0.478	43.144	0.655	59.182
6	37	23,215	0.493	11.454	0.604	14.022
8	41	498	0.483	0.240	0.614	0.306
9	45	30,958	0.473	14.631	0.628	19.445
Total for Alfred:				69.470		92.955

Arundel

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	218,704	0.451	98.570	0.838	183.339
2	44	63,387	0.478	30.267	0.655	41.519
6	37	60,607	0.493	29.903	0.604	36.606
7	40	21,393	0.485	10.365	0.609	13.029
9	45	56,591	0.473	26.745	0.628	35.545
Total for Arundel:				195.850		310.038

Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	2,649	0.529	1.400	0.610	1.616
16	29	28,503	0.529	15.064	0.610	17.387
17	27	14,214	0.541	7.683	0.619	8.798
19	33	31,225	0.508	15.875	0.602	18.797
6	37	64,103	0.493	31.629	0.604	38.718
8	41	9,128	0.483	4.404	0.614	5.605
9	45	29,718	0.473	14.045	0.628	18.666
Total for Berwick:				90.099		109.587

2016 Portland, Maine Ozone Maintenance Area

31 York County

Biddeford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	178,265	0.451	80.344	0.838	149.439
16	29	59,693	0.529	31.548	0.610	36.413
17	27	116,050	0.541	62.725	0.619	71.835
19	33	31,669	0.508	16.101	0.602	19.065
2	44	36,372	0.478	17.368	0.655	23.824
6	37	47,013	0.493	23.196	0.604	28.396
7	40	18,645	0.485	9.033	0.609	11.355
8	41	34,316	0.483	16.558	0.614	21.070
9	45	27,023	0.473	12.771	0.628	16.973
<i>Total for Biddeford:</i>				269.643		378.369

Buxton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	41,857	0.478	19.987	0.655	27.417
7	40	35,802	0.485	17.346	0.609	21.803
8	41	82,966	0.483	40.031	0.614	50.941
9	45	44,002	0.473	20.796	0.628	27.638
<i>Total for Buxton:</i>				98.159		127.799

Dayton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	53,276	0.485	25.812	0.609	32.445
8	41	2,593	0.483	1.251	0.614	1.592
9	45	11,959	0.473	5.652	0.628	7.511
<i>Total for Dayton:</i>				32.715		41.548

Eliot

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	94,976	0.529	50.195	0.610	57.935
17	27	39,006	0.541	21.083	0.619	24.145
19	33	15,480	0.508	7.870	0.602	9.319
7	40	326	0.485	0.158	0.609	0.198
8	41	1,979	0.483	0.955	0.614	1.215
9	45	3,295	0.473	1.557	0.628	2.070
<i>Total for Eliot:</i>				81.817		94.882

Hollis

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	43,349	0.478	20.699	0.655	28.394
7	40	68,441	0.485	33.160	0.609	41.681
8	41	23,538	0.483	11.357	0.614	14.452
9	45	26,825	0.473	12.678	0.628	16.849
<i>Total for Hollis:</i>				77.894		101.376

2016 Portland, Maine Ozone Maintenance Area

31 York County

Kennebunk

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	251,340	0.451	113.279	0.838	210.699
6	37	43,713	0.493	21.568	0.604	26.403
7	40	138,785	0.485	67.241	0.609	84.520
8	41	49,397	0.483	23.834	0.614	30.330
9	45	49,024	0.473	23.169	0.628	30.792
<i>Total for Kennebunk:</i>				249.091		382.743

Kennebunkport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	43,000	0.485	20.833	0.609	26.187
9	45	51,742	0.473	24.453	0.628	32.499
<i>Total for Kennebunkport:</i>				45.287		58.686

Kittery

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	131,227	0.451	59.144	0.838	110.008
11	60	145,660	0.452	65.795	0.827	120.504
12	38	17,403	0.493	8.571	0.634	11.033
14	29	32,016	0.529	16.921	0.610	19.530
16	29	86,934	0.529	45.945	0.610	53.030
17	27	38,907	0.541	21.029	0.619	24.083
19	33	15,411	0.508	7.835	0.602	9.277
6	37	13,584	0.493	6.702	0.604	8.205
7	40	2,743	0.485	1.329	0.609	1.671
8	41	4,129	0.483	1.992	0.614	2.535
9	45	9,333	0.473	4.411	0.628	5.862
<i>Total for Kittery:</i>				239.673		365.738

Limington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	43,809	0.493	21.615	0.604	26.460
7	40	32,585	0.485	15.787	0.609	19.844
8	41	4,000	0.483	1.930	0.614	2.456
9	45	18,010	0.473	8.512	0.628	11.312
<i>Total for Limington:</i>				47.844		60.073

Lyman

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	84,219	0.478	40.215	0.655	55.163
7	40	23,434	0.485	11.354	0.609	14.271
8	41	25,123	0.483	12.122	0.614	15.425
9	45	25,144	0.473	11.883	0.628	15.793
<i>Total for Lyman:</i>				75.573		100.653

2016 Portland, Maine Ozone Maintenance Area

31 York County

North Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	95,035	0.493	46.890	0.604	57.401
8	41	4,720	0.483	2.278	0.614	2.898
9	45	45,144	0.473	21.335	0.628	28.355
<i>Total for North Berwick:</i>				70.503		88.654

Ogunquit

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	79,124	0.451	35.661	0.838	66.330
6	37	47,195	0.493	23.286	0.604	28.506
7	40	10,441	0.485	5.059	0.609	6.358
9	45	14,141	0.473	6.683	0.628	8.882
<i>Total for Ogunquit:</i>				70.689		110.076

Old Orchard Beach

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	709	0.493	0.349	0.634	0.450
17	27	80,421	0.541	43.467	0.619	49.780
19	33	28,563	0.508	14.521	0.602	17.195
<i>Total for Old Orchard Beach:</i>				58.338		67.425

Saco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	369,857	0.451	166.695	0.838	310.051
11	60	179,423	0.452	81.045	0.827	148.437
12	38	10,466	0.493	5.155	0.634	6.635
16	29	66,907	0.529	35.360	0.610	40.813
17	27	133,164	0.541	71.975	0.619	82.429
19	33	34,630	0.508	17.606	0.602	20.847
6	37	50,382	0.493	24.858	0.604	30.431
7	40	61,245	0.485	29.673	0.609	37.298
8	41	4,176	0.483	2.015	0.614	2.564
9	45	34,884	0.473	16.486	0.628	21.910
<i>Total for Saco:</i>				450.869		701.416

Sanford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	139,296	0.529	73.618	0.610	84.971
16	29	48,981	0.529	25.886	0.610	29.878
17	27	82,296	0.541	44.481	0.619	50.942
19	33	50,172	0.508	25.507	0.602	30.204
2	44	36,155	0.478	17.264	0.655	23.682
6	37	61,504	0.493	30.346	0.604	37.148
7	40	28,293	0.485	13.708	0.609	17.231
8	41	12,668	0.483	6.113	0.614	7.778
9	45	44,249	0.473	20.912	0.628	27.793
<i>Total for Sanford:</i>				257.836		309.626

2016 Portland, Maine Ozone Maintenance Area

31 York County

South Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	65,153	0.529	34.433	0.610	39.743
17	27	6,409	0.541	3.464	0.619	3.967
19	33	28,116	0.508	14.294	0.602	16.926
6	37	26,543	0.493	13.096	0.604	16.032
7	40	10,305	0.485	4.993	0.609	6.276
9	45	22,112	0.473	10.450	0.628	13.888
<i>Total for South Berwick:</i>				80.731		96.832

Wells

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	487,649	0.451	219.783	0.838	408.796
2	44	56,857	0.478	27.149	0.655	37.241
6	37	202,408	0.493	99.868	0.604	122.254
7	40	15,969	0.485	7.737	0.609	9.725
8	41	28,233	0.483	13.622	0.614	17.335
9	45	81,983	0.473	38.745	0.628	51.494
<i>Total for Wells:</i>				406.905		646.845

York

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	600,432	0.451	270.615	0.838	503.342
6	37	165,081	0.493	81.451	0.604	99.709
7	40	122,164	0.485	59.188	0.609	74.398
8	41	43,767	0.483	21.118	0.614	26.873
9	45	88,935	0.473	42.031	0.628	55.860
<i>Total for York:</i>				474.403		760.182

Total for York County: 3,443.388 kg 5,005.503 kg

2016 Portland, Maine Ozone Maintenance Area: 8,166.877 kg 11,762.682 kg
9.000 tons 12.962 tons

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	134,419	0.516	69.293	0.624	83.877
7	42	116,634	0.518	60.370	0.620	72.325
8	45	756	0.510	0.385	0.631	0.477
<i>Total for Bar Harbor:</i>				130.048		156.679

Blue Hill

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	64,736	0.518	33.507	0.620	40.143
8	45	43,920	0.510	22.382	0.631	27.718
<i>Total for Blue Hill:</i>				55.889		67.861

Brooklin

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	14,533	0.510	7.406	0.631	9.172
<i>Total for Brooklin:</i>				7.406		9.172

Brooksville

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,142	0.518	0.591	0.620	0.708
8	45	14,411	0.510	7.344	0.631	9.095
<i>Total for Brooksville:</i>				7.935		9.803

Deer Isle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	35,768	0.518	18.514	0.620	22.180
8	45	8,857	0.510	4.513	0.631	5.589
<i>Total for Deer Isle:</i>				23.027		27.769

Frenchboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.510	0.000	0.631	0.000
<i>Total for Frenchboro:</i>				0.000		0.000

Gouldsboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	39,182	0.516	20.198	0.624	24.449
7	42	22,701	0.518	11.750	0.620	14.077
8	45	11,796	0.510	6.011	0.631	7.444
<i>Total for Gouldsboro:</i>				37.959		45.970

Hancock

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	90,836	0.516	46.826	0.624	56.681
7	42	21,546	0.518	11.152	0.620	13.361
8	45	3,103	0.510	1.581	0.631	1.958
<i>Total for Hancock:</i>				59.559		72.001

2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Lamoine

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,381	0.518	10.549	0.620	12.639
8	45	12,192	0.510	6.213	0.631	7.695
<i>Total for Lamoine:</i>				16.763		20.333

Sedgwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	34,053	0.518	17.626	0.620	21.116
8	45	17,372	0.510	8.853	0.631	10.963
<i>Total for Sedgwick:</i>				26.478		32.079

Sorrento

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	1,932	0.510	0.985	0.631	1.219
<i>Total for Sorrento:</i>				0.985		1.219

Southwest Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	48,932	0.518	25.327	0.620	30.343
8	45	14,057	0.510	7.163	0.631	8.871
<i>Total for Southwest Harbor:</i>				32.491		39.214

Stonington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,859	0.518	4.068	0.620	4.874
8	45	6,093	0.510	3.105	0.631	3.845
<i>Total for Stonington:</i>				7.173		8.719

Sullivan

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	51,376	0.516	26.484	0.624	32.059
7	42	2,723	0.518	1.409	0.620	1.689
8	45	4,191	0.510	2.136	0.631	2.645
<i>Total for Sullivan:</i>				30.030		36.392

Surry

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	39,217	0.518	20.299	0.620	24.319
8	45	11,249	0.510	5.732	0.631	7.099
<i>Total for Surry:</i>				26.031		31.418

Swans Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,086	0.518	0.562	0.620	0.673
8	45	0	0.510	0.000	0.631	0.000
<i>Total for Swans Island:</i>				0.562		0.673

Tremont

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	4,878	0.518	2.525	0.620	3.025
8	45	20,771	0.510	10.585	0.631	13.109
<i>Total for Tremont:</i>				13.110		16.134

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.

2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Trenton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	133,186	0.516	68.657	0.624	83.108
7	42	4,164	0.518	2.156	0.620	2.582
8	45	15,791	0.510	8.047	0.631	9.966
<i>Total for Trenton:</i>				78.860		95.656

Winter Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	7,813	0.518	4.044	0.620	4.845
8	45	733	0.510	0.373	0.631	0.463
<i>Total for Winter Harbor:</i>				4.418		5.308

Total for Hancock County: 558.723 kg 676.400 kg

13 Knox County

Camden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	49,337	0.482	23.761	0.647	31.921
7	44	14,160	0.475	6.720	0.625	8.850
8	45	26,430	0.473	12.491	0.628	16.601
9	49	31,362	0.464	14.539	0.651	20.420
<i>Total for Camden:</i>				57.511		77.792

Cushing

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,527	0.475	3.572	0.625	4.704
8	45	21,473	0.473	10.148	0.628	13.487
9	49	1,589	0.464	0.737	0.651	1.035
<i>Total for Cushing:</i>				14.457		19.226

Friendship

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	11,723	0.475	5.564	0.625	7.327
8	45	1,234	0.473	0.583	0.628	0.775
9	49	4,024	0.464	1.866	0.651	2.620
<i>Total for Friendship:</i>				8.013		10.722

Isle Au Haut

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	49	1,613	0.464	0.748	0.651	1.050
<i>Total for Isle Au Haut:</i>				0.748		1.050

Matinicus Isle Plt

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.473	0.000	0.628	0.000
9	49	94	0.464	0.043	0.651	0.061
<i>Total for Matinicus Isle Plt:</i>				0.043		0.061

2016 MidCoast, Maine Ozone Maintenance Area

13 Knox County

North Haven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	701	0.475	0.333	0.625	0.438
8	45	249	0.473	0.118	0.628	0.157
9	49	1,101	0.464	0.510	0.651	0.717
<i>Total for North Haven:</i>				0.961		1.311

Owls Head

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	13,684	0.475	6.494	0.625	8.552
8	45	11,968	0.473	5.656	0.628	7.517
9	49	3,335	0.464	1.546	0.651	2.171
<i>Total for Owls Head:</i>				13.696		18.241

Rockland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	24	59,870	0.562	33.623	0.635	38.024
16	26	22,451	0.547	12.272	0.624	14.009
17	25	36,271	0.554	20.079	0.629	22.814
19	29	19,335	0.529	10.218	0.610	11.794
6	50	18,090	0.462	8.350	0.656	11.869
7	44	7,795	0.475	3.700	0.625	4.872
8	45	0	0.473	0.000	0.628	0.000
9	49	3,700	0.464	1.715	0.651	2.409
<i>Total for Rockland:</i>				89.958		105.792

Rockport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	88,092	0.482	42.425	0.647	56.996
6	50	98,122	0.462	45.293	0.656	64.378
7	44	5,906	0.475	2.803	0.625	3.691
8	45	9,214	0.473	4.355	0.628	5.788
9	49	39,437	0.464	18.283	0.651	25.678
<i>Total for Rockport:</i>				113.159		156.530

South Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	39,022	0.475	18.520	0.625	24.389
8	45	5,396	0.473	2.550	0.628	3.389
9	49	7,443	0.464	3.451	0.651	4.846
<i>Total for South Thomaston:</i>				24.521		32.624

Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	69,971	0.482	33.698	0.647	45.271
7	44	16,254	0.475	7.714	0.625	10.159
8	45	6,505	0.473	3.074	0.628	4.086
9	49	13,532	0.464	6.274	0.651	8.811
<i>Total for Thomaston:</i>				50.760		68.327

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

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2016 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Vinalhaven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,163	0.475	1.501	0.625	1.977
8	45	0	0.473	0.000	0.628	0.000
9	49	2,469	0.464	1.144	0.651	1.607
<i>Total for Vinalhaven:</i>				2.646		3.584

Warren

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	65,531	0.482	31.560	0.647	42.399
6	50	46,113	0.462	21.286	0.656	30.255
7	44	20,587	0.475	9.771	0.625	12.867
8	45	6,332	0.473	2.993	0.628	3.977
9	49	25,310	0.464	11.734	0.651	16.480
<i>Total for Warren:</i>				77.342		105.977

Total for Knox County: 453.816 kg 601.237 kg

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,431	0.473	5.875	0.628	7.808
8	46	6,233	0.471	2.932	0.634	3.952
9	49	2,724	0.464	1.263	0.651	1.774
<i>Total for Alna:</i>				10.070		13.534

Boothbay

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	64,089	0.471	30.154	0.634	40.639
7	45	5,765	0.473	2.725	0.628	3.621
8	46	24,618	0.471	11.583	0.634	15.610
9	49	26,392	0.464	12.235	0.651	17.184
<i>Total for Boothbay:</i>				56.696		77.054

Boothbay Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	22,527	0.471	10.599	0.634	14.284
7	45	18,639	0.473	8.809	0.628	11.707
8	46	12,056	0.471	5.673	0.634	7.645
9	49	14,273	0.464	6.617	0.651	9.293
<i>Total for Boothbay Harbor:</i>				31.697		42.930

Bremen

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	9,909	0.473	4.683	0.628	6.224
8	46	4,364	0.471	2.053	0.634	2.767
9	49	3,603	0.464	1.670	0.651	2.346
<i>Total for Bremen:</i>				8.407		11.337

2016 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Bristol

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	77,000	0.473	36.390	0.628	48.364
8	46	14,059	0.471	6.615	0.634	8.915
9	49	16,726	0.464	7.754	0.651	10.890
<i>Total for Bristol:</i>				50.759		68.169

Damariscotta

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	25,178	0.468	11.773	0.678	17.073
7	45	48,290	0.473	22.822	0.628	30.331
8	46	19,476	0.471	9.163	0.634	12.350
9	49	9,625	0.464	4.462	0.651	6.267
<i>Total for Damariscotta:</i>				48.221		66.021

Dresden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	20,676	0.471	9.728	0.634	13.111
7	45	10,540	0.473	4.981	0.628	6.620
8	46	21,468	0.471	10.101	0.634	13.613
9	49	5,938	0.464	2.753	0.651	3.866
<i>Total for Dresden:</i>				27.563		37.210

Edgecomb

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	48,756	0.468	22.798	0.678	33.061
6	46	48,578	0.471	22.856	0.634	30.804
7	45	464	0.473	0.219	0.628	0.291
8	46	10,010	0.471	4.709	0.634	6.347
9	49	5,726	0.464	2.655	0.651	3.728
<i>Total for Edgecomb:</i>				53.238		74.231

Newcastle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	89,508	0.468	41.854	0.678	60.696
7	45	21,311	0.473	10.072	0.628	13.386
8	46	21,286	0.471	10.015	0.634	13.497
9	49	8,902	0.464	4.127	0.651	5.796
<i>Total for Newcastle:</i>				66.068		93.375

Nobleboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	47,582	0.468	22.250	0.678	32.266
7	45	670	0.473	0.317	0.628	0.421
8	46	11,677	0.471	5.494	0.634	7.404
9	49	13,439	0.464	6.230	0.651	8.750
<i>Total for Nobleboro:</i>				34.290		48.841

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	28,032	0.473	13.248	0.628	17.607
8	46	1,280	0.471	0.602	0.634	0.812
9	49	4,539	0.464	2.104	0.651	2.955
<i>Total for South Bristol:</i>				15.955		21.374

Southport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	716	0.473	0.338	0.628	0.450
8	46	10,818	0.471	5.090	0.634	6.860
9	49	1,639	0.464	0.760	0.651	1.067
<i>Total for Southport:</i>				6.188		8.377

Waldoboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	93,179	0.468	43.570	0.678	63.184
7	45	64,890	0.473	30.667	0.628	40.757
8	46	11,666	0.471	5.489	0.634	7.398
9	49	24,424	0.464	11.323	0.651	15.902
<i>Total for Waldoboro:</i>				91.049		127.242

Wiscasset

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	97,882	0.468	45.770	0.678	66.374
6	46	28,159	0.471	13.249	0.634	17.856
7	45	6,800	0.473	3.214	0.628	4.271
8	46	10,786	0.471	5.075	0.634	6.839
9	49	17,027	0.464	7.894	0.651	11.086
<i>Total for Wiscasset:</i>				75.201		106.427

Total for Lincoln County: 575.402 kg 796.120 kg

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	832	0.500	0.416	0.654	0.544
8	48	2,101	0.502	1.054	0.648	1.362
9	50	12,899	0.498	6.419	0.659	8.502
<i>Total for Islesboro:</i>				7.889		10.408

Total for Waldo County: 7.889 kg 10.408 kg

2016 MidCoast, Maine Ozone Maintenance Area: 1,595.829 kg 2,084.166 kg
1.759 tons 2.297 tons

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	316	0.329	0.104	0.357	0.113
7	45	65,346	0.329	21.486	0.357	23.355
8	47	19,137	0.325	6.218	0.363	6.937
<i>Total for Durham:</i>				27.807		30.405
Total for Androscoggin County:				27.807 kg		30.405 kg

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	172,859	0.221	38.167	0.298	51.443
12	46	266,477	0.228	60.650	0.234	62.436
14	28	61,190	0.264	16.130	0.219	13.419
16	27	67,546	0.268	18.075	0.221	14.948
17	27	153,163	0.268	40.986	0.221	33.895
19	32	45,794	0.252	11.517	0.215	9.855
7	42	41,616	0.232	9.638	0.220	9.168
9	47	61,970	0.226	13.980	0.229	14.216
<i>Total for Brunswick:</i>				209.145		209.379

Cape Elizabeth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	78,229	0.268	20.934	0.221	17.312
19	32	29,876	0.252	7.514	0.215	6.429
<i>Total for Cape Elizabeth:</i>				28.448		23.741

Casco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	72,296	0.238	17.170	0.221	15.992
6	42	36,707	0.232	8.501	0.220	8.087
8	41	22,941	0.233	5.336	0.219	5.029
9	47	22,115	0.226	4.989	0.229	5.073
<i>Total for Casco:</i>				35.997		34.180

Cumberland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	187,528	0.221	41.406	0.298	55.808
11	59	69,335	0.221	15.302	0.288	19.934
17	27	65,463	0.268	17.518	0.221	14.487
19	32	17,060	0.252	4.291	0.215	3.671
6	42	19,729	0.232	4.569	0.220	4.346
7	42	22,908	0.232	5.306	0.220	5.047
8	41	14,653	0.233	3.408	0.219	3.212
9	47	18,495	0.226	4.173	0.229	4.243
<i>Total for Cumberland:</i>				95.973		110.748

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	283,646	0.221	62.629	0.298	84.413
11	59	224,600	0.221	49.569	0.288	64.572
14	28	9,363	0.264	2.468	0.219	2.053
16	27	29,358	0.268	7.856	0.221	6.497
17	27	140,689	0.268	37.648	0.221	31.134
19	32	13,016	0.252	3.273	0.215	2.801
6	42	27,485	0.232	6.366	0.220	6.055
7	42	66,021	0.232	15.291	0.220	14.544
8	41	13,896	0.233	3.232	0.219	3.046
9	47	28,668	0.226	6.467	0.229	6.576
<i>Total for Falmouth:</i>				194.800		221.693

Freeport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	327,871	0.221	72.394	0.298	97.575
11	59	85,019	0.221	18.764	0.288	24.443
17	27	97,464	0.268	26.081	0.221	21.569
19	32	16,432	0.252	4.133	0.215	3.536
7	42	41,901	0.232	9.704	0.220	9.231
8	41	29,440	0.233	6.848	0.219	6.453
9	47	35,677	0.226	8.049	0.229	8.184
<i>Total for Freeport:</i>				145.972		170.991

Frye Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	0	0.226	0.000	0.229	0.000
<i>Total for Frye Island:</i>				0.000		0.000

Gorham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	70,900	0.264	18.689	0.219	15.548
16	27	122,265	0.268	32.718	0.221	27.057
17	27	88,901	0.268	23.790	0.221	19.674
19	32	30,735	0.252	7.730	0.215	6.614
2	39	8,551	0.238	2.031	0.221	1.892
6	42	82,675	0.232	19.147	0.220	18.213
7	42	74,186	0.232	17.182	0.220	16.343
8	41	4,713	0.233	1.096	0.219	1.033
9	47	48,825	0.226	11.015	0.229	11.201
<i>Total for Gorham:</i>				133.398		117.575

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	265,615	0.221	58.648	0.298	79.047
2	39	71,707	0.238	17.030	0.221	15.861
6	42	146,016	0.232	33.817	0.220	32.167
7	42	29,372	0.232	6.803	0.220	6.471
8	41	15,111	0.233	3.515	0.219	3.312
9	47	48,548	0.226	10.953	0.229	11.137
<i>Total for Gray:</i>				130.765		147.996

Harpwell

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	98,229	0.232	22.750	0.220	21.640
8	41	12,930	0.233	3.008	0.219	2.834
9	47	9,955	0.226	2.246	0.229	2.284
<i>Total for Harpswell:</i>				28.003		26.758

Long Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	32	201	0.252	0.051	0.215	0.043
<i>Total for Long Island:</i>				0.051		0.043

New Gloucester

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	178,364	0.221	39.383	0.298	53.081
2	39	27,129	0.238	6.443	0.221	6.001
6	42	76,429	0.232	17.701	0.220	16.837
7	42	27,908	0.232	6.464	0.220	6.148
8	41	2,943	0.233	0.685	0.219	0.645
9	47	47,668	0.226	10.754	0.229	10.935
<i>Total for New Gloucester:</i>				81.429		93.648

North Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	16,153	0.268	4.323	0.221	3.575
19	32	495	0.252	0.125	0.215	0.107
7	42	39,225	0.232	9.085	0.220	8.641
8	41	9,329	0.233	2.170	0.219	2.045
9	47	15,011	0.226	3.386	0.229	3.443
<i>Total for North Yarmouth:</i>				19.088		17.811

Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	648,528	0.221	143.130	0.288	186.452
12	46	35,944	0.228	8.181	0.234	8.422
14	28	529,530	0.264	139.584	0.219	116.126
16	27	193,162	0.268	51.690	0.221	42.747
17	27	209,085	0.268	55.951	0.221	46.271
19	32	121,216	0.252	30.486	0.215	26.086
<i>Total for Portland:</i>				429.022		426.102

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

Pownal

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	21,806	0.232	5.050	0.220	4.804
9	47	21,338	0.226	4.814	0.229	4.895
<i>Total for Pownal:</i>				9.864		9.699

Raymond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	79,431	0.238	18.865	0.221	17.570
8	41	61,254	0.233	14.248	0.219	13.427
9	47	36,772	0.226	8.296	0.229	8.436
<i>Total for Raymond:</i>				41.408		39.433

Scarborough

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	432,166	0.221	95.422	0.298	128.612
11	59	68,708	0.221	15.164	0.288	19.754
12	46	25,575	0.228	5.821	0.234	5.992
16	27	323,257	0.268	86.504	0.221	71.537
17	27	250,183	0.268	66.949	0.221	55.365
19	32	57,205	0.252	14.387	0.215	12.311
7	42	12,998	0.232	3.010	0.220	2.863
8	41	55,279	0.233	12.858	0.219	12.117
9	47	39,103	0.226	8.822	0.229	8.970
<i>Total for Scarborough:</i>				308.936		317.522

South Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	248,853	0.221	54.922	0.288	71.545
12	46	90,557	0.228	20.611	0.234	21.218
14	28	42,840	0.264	11.293	0.219	9.395
16	27	229,269	0.268	61.353	0.221	50.737
17	27	133,650	0.268	35.765	0.221	29.577
19	32	78,650	0.252	19.780	0.215	16.925
<i>Total for South Portland:</i>				203.723		199.397

Standish

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	42	82,360	0.232	19.075	0.220	18.144
7	42	221,716	0.232	51.349	0.220	48.844
9	47	58,928	0.226	13.294	0.229	13.518
<i>Total for Standish:</i>				83.718		80.506

2025 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	46	30,354	0.228	6.909	0.234	7.112
14	28	116,489	0.264	30.706	0.219	25.546
16	27	143,885	0.268	38.504	0.221	31.842
17	27	119,962	0.268	32.102	0.221	26.548
19	32	52,174	0.252	13.122	0.215	11.228
Total for Westbrook:				121.342		102.275

Windham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	44,503	0.264	11.731	0.219	9.760
16	27	11,103	0.268	2.971	0.221	2.457
17	27	54,373	0.268	14.550	0.221	12.033
19	32	13,505	0.252	3.397	0.215	2.906
2	39	188,048	0.238	44.661	0.221	41.596
6	42	89,165	0.232	20.651	0.220	19.643
7	42	58,908	0.232	13.643	0.220	12.977
8	41	33,037	0.233	7.684	0.219	7.242
9	47	57,139	0.226	12.891	0.229	13.108
Total for Windham:				132.179		121.722

Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	162,192	0.221	35.796	0.288	46.630
17	27	107,330	0.268	28.722	0.221	23.752
19	32	42,325	0.252	10.645	0.215	9.108
9	47	3,190	0.226	0.720	0.229	0.732
Total for Yarmouth:				75.882		80.223

Total for Cumberland County: 2,509.145 kg 2,551.443 kg

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	20,924	0.327	6.838	0.360	7.541
9	49	1,991	0.322	0.641	0.368	0.732
Total for Arrowsic:				7.479		8.273

Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	45	39,366	0.331	13.022	0.366	14.388
14	31	5,604	0.366	2.050	0.347	1.947
16	23	3,090	0.409	1.264	0.371	1.145
17	25	62,066	0.396	24.566	0.363	22.499
19	29	25,252	0.375	9.464	0.351	8.873
7	46	846	0.327	0.277	0.360	0.305
8	45	2,638	0.329	0.867	0.357	0.943
9	49	8,508	0.322	2.739	0.368	3.127
Total for Bath:				54.249		53.227

HPMS Functional Class Codes:

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2025 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	12,172	0.312	3.798	0.438	5.328
7	46	41,747	0.327	13.643	0.360	15.046
8	45	17,676	0.329	5.812	0.357	6.317
9	49	12,950	0.322	4.169	0.368	4.759
<i>Total for Bowdoin:</i>				27.421		31.450

Bowdoinham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	193,074	0.312	60.239	0.438	84.509
7	46	29,978	0.327	9.797	0.360	10.804
8	45	2,901	0.329	0.954	0.357	1.037
9	49	9,098	0.322	2.929	0.368	3.343
<i>Total for Bowdoinham:</i>				73.919		99.693

Georgetown

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	16,726	0.327	5.466	0.360	6.028
9	49	9,192	0.322	2.959	0.368	3.378
<i>Total for Georgetown:</i>				8.425		9.406

Phippsburg

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	39,918	0.327	13.045	0.360	14.387
8	45	11,225	0.329	3.691	0.357	4.012
9	49	17,334	0.322	5.580	0.368	6.370
<i>Total for Phippsburg:</i>				22.316		24.769

Richmond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	137,208	0.312	42.809	0.438	60.056
7	46	54,681	0.327	17.870	0.360	19.707
8	45	5,576	0.329	1.833	0.357	1.993
9	49	9,725	0.322	3.130	0.368	3.574
<i>Total for Richmond:</i>				65.642		85.329

Topsham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	143,520	0.312	44.778	0.438	62.819
14	31	62,814	0.366	22.977	0.347	21.821
16	23	20,978	0.409	8.580	0.371	7.773
17	25	31,171	0.396	12.337	0.363	11.299
19	29	21,809	0.375	8.174	0.351	7.664
2	45	95,533	0.331	31.602	0.366	34.917
7	46	28,836	0.327	9.424	0.360	10.392
8	45	15,787	0.329	5.191	0.357	5.642
9	49	12,228	0.322	3.936	0.368	4.494
<i>Total for Topsham:</i>				147.000		166.822

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

West Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	69,573	0.331	23.015	0.366	25.429
7	46	25,698	0.327	8.398	0.360	9.262
8	45	12,839	0.329	4.221	0.357	4.588
9	49	16,798	0.322	5.407	0.368	6.173
<i>Total for West Bath:</i>				41.041		45.452

Woolwich

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	136,041	0.331	45.002	0.366	49.723
7	46	1,383	0.327	0.452	0.360	0.498
8	45	34,574	0.329	11.368	0.357	12.357
9	49	13,441	0.322	4.327	0.368	4.940
<i>Total for Woolwich:</i>				61.149		67.518

Total for Sagadahoc County: 508.641 kg 591.939 kg

31 York County

Alfred

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	94,425	0.333	31.425	0.363	34.229
6	37	24,261	0.346	8.389	0.346	8.402
8	41	521	0.337	0.175	0.350	0.182
9	45	32,352	0.329	10.637	0.357	11.563
<i>Total for Alfred:</i>				50.627		54.376

Arundel

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	228,556	0.312	71.309	0.438	100.039
2	44	66,242	0.333	22.046	0.363	24.013
6	37	63,337	0.346	21.902	0.346	21.934
7	40	22,357	0.339	7.575	0.348	7.789
9	45	59,140	0.329	19.445	0.357	21.137
<i>Total for Arundel:</i>				142.276		174.911

Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	2,768	0.375	1.038	0.351	0.973
16	29	29,787	0.375	11.164	0.351	10.467
17	27	14,854	0.385	5.716	0.356	5.294
19	33	32,631	0.358	11.675	0.345	11.271
6	37	66,991	0.346	23.165	0.346	23.199
8	41	9,539	0.337	3.213	0.350	3.342
9	45	31,057	0.329	10.212	0.357	11.100
<i>Total for Berwick:</i>				66.183		65.646

2025 Portland, Maine Ozone Maintenance Area

31 York County

Biddeford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	186,295	0.312	58.124	0.438	81.541
16	29	61,144	0.375	22.917	0.351	21.486
17	27	121,109	0.385	46.603	0.356	43.163
19	33	33,832	0.358	12.105	0.345	11.686
2	44	38,010	0.333	12.650	0.363	13.779
6	37	49,131	0.346	16.990	0.346	17.014
7	40	19,485	0.339	6.601	0.348	6.788
8	41	35,862	0.337	12.078	0.350	12.566
9	45	28,240	0.329	9.285	0.357	10.093
<i>Total for Biddeford:</i>				197.353		218.116

Buxton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	43,743	0.333	14.558	0.363	15.857
7	40	37,415	0.339	12.676	0.348	13.035
8	41	86,703	0.337	29.202	0.350	30.381
9	45	45,985	0.329	15.120	0.357	16.435
<i>Total for Buxton:</i>				71.555		75.708

Dayton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	55,675	0.339	18.863	0.348	19.397
8	41	2,709	0.337	0.913	0.350	0.949
9	45	12,498	0.329	4.109	0.357	4.467
<i>Total for Dayton:</i>				23.885		24.813

Eliot

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	99,254	0.375	37.201	0.351	34.878
17	27	40,763	0.385	15.686	0.356	14.528
19	33	16,177	0.358	5.788	0.345	5.587
7	40	340	0.339	0.115	0.348	0.119
8	41	2,069	0.337	0.697	0.350	0.725
9	45	3,444	0.329	1.132	0.357	1.231
<i>Total for Eliot:</i>				60.618		57.068

Hollis

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	45,302	0.333	15.076	0.363	16.422
7	40	71,524	0.339	24.232	0.348	24.919
8	41	24,598	0.337	8.285	0.350	8.619
9	45	28,034	0.329	9.217	0.357	10.019
<i>Total for Hollis:</i>				56.811		59.980

2025 Portland, Maine Ozone Maintenance Area

31 York County

Kennebunk

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	262,663	0.312	81.951	0.438	114.967
6	37	45,682	0.346	15.797	0.346	15.820
7	40	145,037	0.339	49.138	0.348	50.531
8	41	51,622	0.337	17.386	0.350	18.088
9	45	51,232	0.329	16.845	0.357	18.310
<i>Total for Kennebunk:</i>				181.118		217.717

Kennebunkport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	44,937	0.339	15.225	0.348	15.656
9	45	54,073	0.329	17.779	0.357	19.326
<i>Total for Kennebunkport:</i>				33.004		34.982

Kittery

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	137,139	0.312	42.787	0.438	60.026
11	60	152,221	0.312	47.493	0.433	65.866
12	38	18,187	0.345	6.271	0.353	6.425
14	29	33,458	0.375	12.540	0.351	11.757
16	29	90,850	0.375	34.051	0.351	31.925
17	27	40,659	0.385	15.646	0.356	14.491
19	33	16,105	0.358	5.762	0.345	5.563
6	37	14,196	0.346	4.909	0.346	4.916
7	40	2,867	0.339	0.971	0.348	0.999
8	41	4,315	0.337	1.453	0.350	1.512
9	45	9,753	0.329	3.207	0.357	3.486
<i>Total for Kittery:</i>				175.090		206.965

Limington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	45,782	0.346	15.831	0.346	15.854
7	40	34,053	0.339	11.537	0.348	11.864
8	41	4,180	0.337	1.408	0.350	1.465
9	45	18,821	0.329	6.188	0.357	6.727
<i>Total for Limington:</i>				34.965		35.910

Lyman

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	88,013	0.333	29.291	0.363	31.905
7	40	24,490	0.339	8.297	0.348	8.532
8	41	26,254	0.337	8.842	0.350	9.199
9	45	26,277	0.329	8.640	0.357	9.391
<i>Total for Lyman:</i>				55.070		59.028

2025 Portland, Maine Ozone Maintenance Area

31 York County

North Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	99,316	0.346	34.344	0.346	34.393
8	41	4,933	0.337	1.661	0.350	1.729
9	45	47,177	0.329	15.512	0.357	16.861
<i>Total for North Berwick:</i>				51.517		52.983

Ogunquit

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	82,689	0.312	25.799	0.438	36.193
6	37	49,321	0.346	17.055	0.346	17.080
7	40	10,911	0.339	3.697	0.348	3.801
9	45	14,778	0.329	4.859	0.357	5.282
<i>Total for Ogunquit:</i>				51.410		62.356

Old Orchard Beach

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	719	0.345	0.248	0.353	0.254
17	27	84,852	0.385	32.651	0.356	30.241
19	33	31,379	0.358	11.227	0.345	10.838
<i>Total for Old Orchard Beach:</i>				44.126		41.334

Saco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	386,518	0.312	120.594	0.438	169.179
11	60	193,059	0.312	60.234	0.433	83.537
12	38	10,615	0.345	3.660	0.353	3.750
16	29	70,754	0.375	26.519	0.351	24.863
17	27	141,620	0.385	54.495	0.356	50.473
19	33	36,593	0.358	13.093	0.345	12.639
6	37	52,651	0.346	18.207	0.346	18.233
7	40	64,004	0.339	21.684	0.348	22.299
8	41	4,365	0.337	1.470	0.350	1.529
9	45	36,455	0.329	11.986	0.357	13.029
<i>Total for Saco:</i>				331.943		399.532

Sanford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	145,571	0.375	54.560	0.351	51.154
16	29	51,187	0.375	19.185	0.351	17.987
17	27	86,004	0.385	33.094	0.356	30.652
19	33	52,432	0.358	18.760	0.345	18.110
2	44	37,784	0.333	12.574	0.363	13.697
6	37	64,274	0.346	22.226	0.346	22.258
7	40	29,568	0.339	10.018	0.348	10.301
8	41	13,239	0.337	4.459	0.350	4.639
9	45	46,242	0.329	15.204	0.357	16.527
<i>Total for Sanford:</i>				190.081		185.325

HPMS Functional Class Codes:

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2025 Portland, Maine Ozone Maintenance Area

31 York County

South Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	68,088	0.375	25.519	0.351	23.926
17	27	6,698	0.385	2.577	0.356	2.387
19	33	29,383	0.358	10.513	0.345	10.149
6	37	27,739	0.346	9.592	0.346	9.606
7	40	10,769	0.339	3.648	0.348	3.752
9	45	23,108	0.329	7.598	0.357	8.259
<i>Total for South Berwick:</i>				59.448		58.078

Wells

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	509,616	0.312	159.000	0.438	223.059
2	44	59,418	0.333	19.774	0.363	21.539
6	37	211,526	0.346	73.146	0.346	73.251
7	40	16,689	0.339	5.654	0.348	5.814
8	41	29,505	0.337	9.937	0.350	10.338
9	45	85,676	0.329	28.170	0.357	30.621
<i>Total for Wells:</i>				295.682		364.623

York

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	627,480	0.312	195.774	0.438	274.648
6	37	172,518	0.346	59.657	0.346	59.743
7	40	127,667	0.339	43.254	0.348	44.479
8	41	45,738	0.337	15.405	0.350	16.027
9	45	92,941	0.329	30.559	0.357	33.217
<i>Total for York:</i>				344.648		428.114

Total for York County: 2,517.409 kg 2,877.562 kg

2025 Portland, Maine Ozone Maintenance Area: 5,563.003 kg 6,051.349 kg
6.130 tons 6.669 tons

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	138,017	0.357	49.258	0.356	49.189
7	42	119,757	0.360	43.089	0.354	42.442
8	45	776	0.353	0.274	0.360	0.279
<i>Total for Bar Harbor:</i>				92.621		91.910

Blue Hill

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	66,469	0.360	23.915	0.354	23.557
8	45	45,096	0.353	15.914	0.360	16.212
<i>Total for Blue Hill:</i>				39.830		39.769

Brooklin

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	14,922	0.353	5.266	0.360	5.365
<i>Total for Brooklin:</i>				5.266		5.365

Brooksville

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,172	0.360	0.422	0.354	0.415
8	45	14,797	0.353	5.222	0.360	5.319
<i>Total for Brooksville:</i>				5.644		5.735

Deer Isle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	36,726	0.360	13.214	0.354	13.016
8	45	9,094	0.353	3.209	0.360	3.269
<i>Total for Deer Isle:</i>				16.423		16.285

Frenchboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.353	0.000	0.360	0.000
<i>Total for Frenchboro:</i>				0.000		0.000

Gouldsboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	40,231	0.357	14.358	0.356	14.338
7	42	23,309	0.360	8.386	0.354	8.261
8	45	12,112	0.353	4.274	0.360	4.354
<i>Total for Gouldsboro:</i>				27.019		26.953

Hancock

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	93,267	0.357	33.287	0.356	33.241
7	42	22,123	0.360	7.960	0.354	7.840
8	45	3,186	0.353	1.124	0.360	1.145
<i>Total for Hancock:</i>				42.371		42.226

2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Lamoine

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	20,927	0.360	7.530	0.354	7.417
8	45	12,519	0.353	4.418	0.360	4.500
Total for Lamoine:				11.947		11.917

Sedgwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	34,964	0.360	12.580	0.354	12.391
8	45	17,837	0.353	6.295	0.360	6.412
Total for Sedgwick:				18.875		18.804

Sorrento

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	1,984	0.353	0.700	0.360	0.713
Total for Sorrento:				0.700		0.713

Southwest Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	50,242	0.360	18.077	0.354	17.806
8	45	14,433	0.353	5.093	0.360	5.189
Total for Southwest Harbor:				23.171		22.995

Stonington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	8,070	0.360	2.904	0.354	2.860
8	45	6,256	0.353	2.208	0.360	2.249
Total for Stonington:				5.111		5.109

Sullivan

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	52,752	0.357	18.827	0.356	18.801
7	42	2,796	0.360	1.006	0.354	0.991
8	45	4,303	0.353	1.519	0.360	1.547
Total for Sullivan:				21.352		21.339

Surry

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	40,267	0.360	14.488	0.354	14.271
8	45	11,550	0.353	4.076	0.360	4.152
Total for Surry:				18.564		18.423

Swans Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,115	0.360	0.401	0.354	0.395
8	45	0	0.353	0.000	0.360	0.000
Total for Swans Island:				0.401		0.395

Tremont

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	5,009	0.360	1.802	0.354	1.775
8	45	21,327	0.353	7.526	0.360	7.667
Total for Tremont:				9.329		9.442

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2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Trenton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	136,751	0.357	48.807	0.356	48.738
7	42	4,276	0.360	1.538	0.354	1.515
8	45	16,214	0.353	5.722	0.360	5.829
<i>Total for Trenton:</i>				56.067		56.082

Winter Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	8,023	0.360	2.887	0.354	2.843
8	45	752	0.353	0.266	0.360	0.271
<i>Total for Winter Harbor:</i>				3.152		3.114

Total for Hancock County: 397.842 kg 396.575 kg

13 Knox County

Camden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	51,249	0.337	17.261	0.359	18.419
7	44	14,708	0.331	4.866	0.356	5.229
8	45	27,455	0.329	9.027	0.357	9.812
9	49	32,577	0.322	10.487	0.368	11.972
<i>Total for Camden:</i>				41.640		45.432

Cushing

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,819	0.331	2.586	0.356	2.780
8	45	22,305	0.329	7.334	0.357	7.972
9	49	1,651	0.322	0.531	0.368	0.607
<i>Total for Cushing:</i>				10.452		11.358

Friendship

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	12,177	0.331	4.028	0.356	4.329
8	45	1,282	0.329	0.422	0.357	0.458
9	49	4,180	0.322	1.346	0.368	1.536
<i>Total for Friendship:</i>				5.795		6.324

Isle Au Haut

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	49	1,676	0.322	0.539	0.368	0.616
<i>Total for Isle Au Haut:</i>				0.539		0.616

Matinicus Isle Plt

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.329	0.000	0.357	0.000
9	49	97	0.322	0.031	0.368	0.036
<i>Total for Matinicus Isle Plt:</i>				0.031		0.036

2025 MidCoast, Maine Ozone Maintenance Area

13 Knox County

North Haven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	728	0.331	0.241	0.356	0.259
8	45	259	0.329	0.085	0.357	0.093
9	49	1,143	0.322	0.368	0.368	0.420
<i>Total for North Haven:</i>				0.694		0.772

Owls Head

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	14,214	0.331	4.702	0.356	5.053
8	45	12,432	0.329	4.088	0.357	4.443
9	49	3,464	0.322	1.115	0.368	1.273
<i>Total for Owls Head:</i>				9.905		10.769

Rockland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	24	62,191	0.402	24.994	0.366	22.787
16	26	23,321	0.390	9.091	0.359	8.382
17	25	37,676	0.396	14.912	0.363	13.658
19	29	20,084	0.375	7.527	0.351	7.058
6	50	18,791	0.320	6.011	0.370	6.943
7	44	8,097	0.331	2.679	0.356	2.879
8	45	0	0.329	0.000	0.357	0.000
9	49	3,844	0.322	1.237	0.368	1.413
<i>Total for Rockland:</i>				66.452		63.118

Rockport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	91,506	0.337	30.819	0.359	32.887
6	50	101,925	0.320	32.606	0.370	37.661
7	44	6,134	0.331	2.029	0.356	2.181
8	45	9,571	0.329	3.147	0.357	3.421
9	49	40,966	0.322	13.187	0.368	15.055
<i>Total for Rockport:</i>				81.788		91.205

South Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	40,534	0.331	13.409	0.356	14.410
8	45	5,605	0.329	1.843	0.357	2.003
9	49	7,732	0.322	2.489	0.368	2.841
<i>Total for South Thomaston:</i>				17.741		19.255

Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	72,683	0.337	24.480	0.359	26.122
7	44	16,884	0.331	5.585	0.356	6.002
8	45	6,757	0.329	2.222	0.357	2.415
9	49	14,057	0.322	4.525	0.368	5.166
<i>Total for Thomaston:</i>				36.811		39.705

HPMS Functional Class Codes:

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2025 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Vinalhaven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,286	0.331	1.087	0.356	1.168
8	45	0	0.329	0.000	0.357	0.000
9	49	2,564	0.322	0.825	0.368	0.942
<i>Total for Vinalhaven:</i>				1.912		2.110

Warren

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	68,071	0.337	22.926	0.359	24.465
6	50	47,900	0.320	15.323	0.370	17.699
7	44	21,385	0.331	7.074	0.356	7.602
8	45	6,578	0.329	2.163	0.357	2.351
9	49	26,291	0.322	8.463	0.368	9.662
<i>Total for Warren:</i>				55.949		61.779

Total for Knox County: 329.710 kg 352.478 kg

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,698	0.329	4.175	0.357	4.538
8	46	6,367	0.327	2.081	0.360	2.294
9	49	2,783	0.322	0.896	0.368	1.023
<i>Total for Alna:</i>				7.152		7.856

Boothbay

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	65,467	0.327	21.395	0.360	23.594
7	45	5,889	0.329	1.936	0.357	2.105
8	46	25,147	0.327	8.218	0.360	9.063
9	49	26,959	0.322	8.678	0.368	9.908
<i>Total for Boothbay:</i>				40.227		44.670

Boothbay Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	23,011	0.327	7.520	0.360	8.293
7	45	19,040	0.329	6.260	0.357	6.805
8	46	12,316	0.327	4.025	0.360	4.439
9	49	14,580	0.322	4.693	0.368	5.358
<i>Total for Boothbay Harbor:</i>				22.498		24.895

Bremen

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	10,122	0.329	3.328	0.357	3.618
8	46	4,458	0.327	1.457	0.360	1.607
9	49	3,680	0.322	1.185	0.368	1.353
<i>Total for Bremen:</i>				5.970		6.577

2025 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Bristol

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	78,655	0.329	25.862	0.357	28.111
8	46	14,361	0.327	4.693	0.360	5.176
9	49	17,086	0.322	5.500	0.368	6.279
<i>Total for Bristol:</i>				36.055		39.566

Damariscotta

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	25,719	0.325	8.356	0.374	9.606
7	45	49,328	0.329	16.219	0.357	17.630
8	46	19,895	0.327	6.502	0.360	7.170
9	49	9,832	0.322	3.165	0.368	3.613
<i>Total for Damariscotta:</i>				34.242		38.019

Dresden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	21,121	0.327	6.902	0.360	7.612
7	45	10,767	0.329	3.540	0.357	3.848
8	46	21,929	0.327	7.167	0.360	7.903
9	49	6,065	0.322	1.952	0.368	2.229
<i>Total for Dresden:</i>				19.561		21.592

Edgecomb

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	49,804	0.325	16.181	0.374	18.602
6	46	49,623	0.327	16.217	0.360	17.884
7	45	474	0.329	0.156	0.357	0.169
8	46	10,225	0.327	3.341	0.360	3.685
9	49	5,849	0.322	1.883	0.368	2.150
<i>Total for Edgecomb:</i>				37.778		42.490

Newcastle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	91,433	0.325	29.707	0.374	34.150
7	45	21,769	0.329	7.158	0.357	7.780
8	46	21,743	0.327	7.106	0.360	7.836
9	49	9,094	0.322	2.927	0.368	3.342
<i>Total for Newcastle:</i>				46.897		53.109

Nobleboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	48,605	0.325	15.792	0.374	18.154
7	45	684	0.329	0.225	0.357	0.245
8	46	11,928	0.327	3.898	0.360	4.299
9	49	13,727	0.322	4.419	0.368	5.045
<i>Total for Nobleboro:</i>				24.334		27.742

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	28,635	0.329	9.415	0.357	10.234
8	46	1,307	0.327	0.427	0.360	0.471
9	49	4,636	0.322	1.492	0.368	1.704
<i>Total for South Bristol:</i>				11.335		12.409

Southport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	731	0.329	0.241	0.357	0.261
8	46	11,051	0.327	3.611	0.360	3.983
9	49	1,675	0.322	0.539	0.368	0.615
<i>Total for Southport:</i>				4.391		4.860

Waldoboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	95,182	0.325	30.925	0.374	35.550
7	45	66,285	0.329	21.795	0.357	23.690
8	46	11,917	0.327	3.895	0.360	4.295
9	49	24,949	0.322	8.031	0.368	9.169
<i>Total for Waldoboro:</i>				64.645		72.704

Wiscasset

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	99,987	0.325	32.486	0.374	37.345
6	46	28,764	0.327	9.400	0.360	10.367
7	45	6,946	0.329	2.284	0.357	2.483
8	46	11,018	0.327	3.601	0.360	3.971
9	49	17,393	0.322	5.599	0.368	6.392
<i>Total for Wiscasset:</i>				53.369		60.557

Total for Lincoln County: 408.454 kg 457.046 kg

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	874	0.345	0.301	0.370	0.323
8	48	2,206	0.347	0.765	0.368	0.811
9	50	13,544	0.343	4.644	0.372	5.033
<i>Total for Islesboro:</i>				5.711		6.167

Total for Waldo County: 5.711 kg 6.167 kg

2025 MidCoast, Maine Ozone Maintenance Area: 1,141.718 kg 1,212.266 kg
1.258 tons 1.336 tons

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	322	0.317	0.102	0.307	0.099
7	45	66,568	0.317	21.102	0.307	20.410
8	47	19,495	0.314	6.120	0.311	6.055
<i>Total for Durham:</i>				27.324		26.564
Total for Androscoggin County:				27.324 kg		26.564 kg

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	176,135	0.211	37.129	0.225	39.577
12	46	271,526	0.217	58.867	0.180	48.739
14	28	62,349	0.253	15.756	0.171	10.687
16	27	68,826	0.257	17.668	0.172	11.866
17	27	156,065	0.257	40.062	0.172	26.906
19	32	46,662	0.241	11.227	0.167	7.807
7	42	42,405	0.222	9.397	0.171	7.268
9	47	63,144	0.215	13.563	0.178	11.265
<i>Total for Brunswick:</i>				203.668		164.114

Cape Elizabeth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	77,932	0.257	20.005	0.172	13.435
19	32	31,448	0.241	7.566	0.167	5.261
<i>Total for Cape Elizabeth:</i>				27.571		18.697

Casco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	73,665	0.227	16.700	0.170	12.545
6	42	37,402	0.222	8.288	0.171	6.411
8	41	23,376	0.223	5.206	0.170	3.981
9	47	22,534	0.215	4.840	0.178	4.020
<i>Total for Casco:</i>				35.034		26.957

Cumberland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	191,081	0.211	40.280	0.225	42.936
11	59	70,167	0.211	14.791	0.218	15.275
17	27	66,164	0.257	16.984	0.172	11.407
19	32	17,697	0.241	4.258	0.167	2.961
6	42	20,103	0.222	4.455	0.171	3.446
7	42	23,342	0.222	5.173	0.171	4.001
8	41	14,930	0.223	3.325	0.170	2.543
9	47	18,846	0.215	4.048	0.178	3.362
<i>Total for Cumberland:</i>				93.314		85.930

2030 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	289,020	0.211	60.925	0.225	64.943
11	59	228,036	0.211	48.070	0.218	49.644
14	28	9,363	0.253	2.366	0.171	1.605
16	27	30,195	0.257	7.751	0.172	5.206
17	27	146,485	0.257	37.603	0.172	25.254
19	32	14,345	0.241	3.451	0.167	2.400
6	42	28,006	0.222	6.206	0.171	4.800
7	42	67,272	0.222	14.908	0.171	11.530
8	41	14,159	0.223	3.153	0.170	2.411
9	47	29,211	0.215	6.274	0.178	5.211
<i>Total for Falmouth:</i>				190.708		173.004

Freeport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	334,084	0.211	70.425	0.225	75.069
11	59	86,770	0.211	18.291	0.218	18.890
17	27	101,947	0.257	26.170	0.172	17.576
19	32	17,483	0.241	4.206	0.167	2.925
7	42	42,695	0.222	9.461	0.171	7.318
8	41	29,997	0.223	6.680	0.170	5.109
9	47	36,353	0.215	7.809	0.178	6.485
<i>Total for Freeport:</i>				143.042		133.371

Frye Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	47	0	0.215	0.000	0.178	0.000
<i>Total for Frye Island:</i>				0.000		0.000

Gorham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	75,224	0.253	19.009	0.171	12.893
16	27	125,040	0.257	32.098	0.172	21.557
17	27	90,493	0.257	23.229	0.172	15.601
19	32	31,162	0.241	7.498	0.167	5.213
2	39	8,713	0.227	1.975	0.170	1.484
6	42	84,241	0.222	18.668	0.171	14.439
7	42	75,592	0.222	16.751	0.171	12.956
8	41	4,802	0.223	1.069	0.170	0.818
9	47	49,750	0.215	10.686	0.178	8.875
<i>Total for Gorham:</i>				130.984		93.837

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	270,648	0.211	57.053	0.225	60.815
2	39	73,065	0.227	16.564	0.170	12.443
6	42	148,783	0.222	32.970	0.171	25.501
7	42	29,928	0.222	6.632	0.171	5.130
8	41	15,397	0.223	3.429	0.170	2.622
9	47	49,468	0.215	10.626	0.178	8.825
<i>Total for Gray:</i>				127.274		115.336

Harpwell

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	100,091	0.222	22.180	0.171	17.156
8	41	13,175	0.223	2.934	0.170	2.244
9	47	10,143	0.215	2.179	0.178	1.810
<i>Total for Harpswell:</i>				27.293		21.209

Long Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	32	205	0.241	0.049	0.167	0.034
<i>Total for Long Island:</i>				0.049		0.034

New Gloucester

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	181,744	0.211	38.312	0.225	40.838
2	39	27,643	0.227	6.267	0.170	4.708
6	42	77,877	0.222	17.258	0.171	13.348
7	42	28,437	0.222	6.302	0.171	4.874
8	41	2,999	0.223	0.668	0.170	0.511
9	47	48,571	0.215	10.433	0.178	8.665
<i>Total for New Gloucester:</i>				79.238		72.943

North Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	27	16,838	0.257	4.322	0.172	2.903
19	32	502	0.241	0.121	0.167	0.084
7	42	39,969	0.222	8.857	0.171	6.851
8	41	9,506	0.223	2.117	0.170	1.619
9	47	15,295	0.215	3.285	0.178	2.729
<i>Total for North Yarmouth:</i>				18.703		14.185

Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	660,331	0.211	139.198	0.218	143.754
12	46	36,846	0.217	7.988	0.180	6.614
14	28	536,572	0.253	135.592	0.171	91.968
16	27	197,102	0.257	50.596	0.172	33.980
17	27	218,097	0.257	55.985	0.172	37.600
19	32	125,314	0.241	30.150	0.167	20.965
<i>Total for Portland:</i>				419.510		334.882

HPMS Functional Class Codes:

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2030 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Pownal

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	22,219	0.222	4.924	0.171	3.808
9	47	21,742	0.215	4.670	0.178	3.879
<i>Total for Pownal:</i>				9.594		7.687

Raymond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	39	80,936	0.227	18.348	0.170	13.783
8	41	62,415	0.223	13.900	0.170	10.629
9	47	37,469	0.215	8.048	0.178	6.684
<i>Total for Raymond:</i>				40.296		31.097

Scarborough

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	67	440,354	0.211	92.827	0.225	98.948
11	59	70,130	0.211	14.784	0.218	15.267
12	46	26,723	0.217	5.794	0.180	4.797
16	27	334,345	0.257	85.826	0.172	57.641
17	27	254,261	0.257	65.269	0.172	43.835
19	32	59,167	0.241	14.236	0.167	9.899
7	42	13,244	0.222	2.935	0.171	2.270
8	41	56,327	0.223	12.544	0.170	9.592
9	47	39,844	0.215	8.558	0.178	7.108
<i>Total for Scarborough:</i>				302.772		249.357

South Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	253,979	0.211	53.539	0.218	55.291
12	46	92,568	0.217	20.069	0.180	16.616
14	28	43,659	0.253	11.033	0.171	7.483
16	27	233,603	0.257	59.966	0.172	40.273
17	27	136,002	0.257	34.912	0.172	23.447
19	32	80,121	0.241	19.277	0.167	13.404
<i>Total for South Portland:</i>				198.795		156.514

Standish

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	42	83,921	0.222	18.597	0.171	14.384
7	42	225,917	0.222	50.063	0.171	38.722
9	47	60,044	0.215	12.898	0.178	10.712
<i>Total for Standish:</i>				81.558		63.818

2030 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	46	31,584	0.217	6.847	0.180	5.669
14	28	119,296	0.253	30.146	0.171	20.447
16	27	147,972	0.257	37.984	0.172	25.510
17	27	125,432	0.257	32.198	0.172	21.624
19	32	54,355	0.241	13.078	0.167	9.094
Total for Westbrook:				120.254		82.345

Windham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	28	44,663	0.253	11.286	0.171	7.655
16	27	12,066	0.257	3.097	0.172	2.080
17	27	57,098	0.257	14.657	0.172	9.844
19	32	14,629	0.241	3.520	0.167	2.447
2	39	191,611	0.227	43.438	0.170	32.631
6	42	90,855	0.222	20.133	0.171	15.573
7	42	60,024	0.222	13.301	0.171	10.288
8	41	33,663	0.223	7.497	0.170	5.733
9	47	58,222	0.215	12.506	0.178	10.387
Total for Windham:				129.436		96.638

Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	164,885	0.211	34.758	0.218	35.895
17	27	111,538	0.257	28.632	0.172	19.229
19	32	43,886	0.241	10.559	0.167	7.342
9	47	3,251	0.215	0.698	0.178	0.580
Total for Yarmouth:				74.647		63.047

Total for Cumberland County: 2,453.741 kg 2,005.002 kg

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	21,248	0.316	6.712	0.309	6.557
9	49	2,022	0.310	0.627	0.315	0.636
Total for Arrowsic:				7.339		7.193

Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	45	39,975	0.319	12.748	0.312	12.456
14	31	5,691	0.354	2.014	0.300	1.704
16	23	3,138	0.396	1.243	0.320	1.003
17	25	63,025	0.382	24.076	0.313	19.702
19	29	25,642	0.362	9.282	0.303	7.757
7	46	859	0.316	0.271	0.309	0.265
8	45	2,679	0.317	0.849	0.307	0.821
9	49	8,640	0.310	2.678	0.315	2.718
Total for Bath:				53.161		46.426

HPMS Functional Class Codes:

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2030 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	12,360	0.301	3.720	0.364	4.498
7	46	42,392	0.316	13.392	0.309	13.082
8	45	17,949	0.317	5.690	0.307	5.503
9	49	13,150	0.310	4.077	0.315	4.137
<i>Total for Bowdoin:</i>				26.879		27.220

Bowdoinham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	196,058	0.301	59.013	0.364	71.345
7	46	30,441	0.316	9.616	0.309	9.394
8	45	2,946	0.317	0.934	0.307	0.903
9	49	9,239	0.310	2.864	0.315	2.906
<i>Total for Bowdoinham:</i>				72.428		84.549

Georgetown

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	16,984	0.316	5.365	0.309	5.241
9	49	9,334	0.310	2.893	0.315	2.936
<i>Total for Georgetown:</i>				8.259		8.178

Phippsburg

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	46	40,535	0.316	12.805	0.309	12.509
8	45	11,399	0.317	3.613	0.307	3.495
9	49	17,602	0.310	5.457	0.315	5.538
<i>Total for Phippsburg:</i>				21.875		21.541

Richmond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	139,328	0.301	41.938	0.364	50.701
7	46	55,526	0.316	17.541	0.309	17.135
8	45	5,662	0.317	1.795	0.307	1.736
9	49	9,875	0.310	3.061	0.315	3.107
<i>Total for Richmond:</i>				64.334		72.679

Topsham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	69	145,738	0.301	43.867	0.364	53.034
14	31	63,784	0.354	22.573	0.300	19.103
16	23	21,303	0.396	8.436	0.320	6.808
17	25	31,652	0.382	12.091	0.313	9.895
19	29	22,146	0.362	8.017	0.303	6.699
2	45	97,010	0.319	30.936	0.312	30.228
7	46	29,281	0.316	9.250	0.309	9.036
8	45	16,031	0.317	5.082	0.307	4.915
9	49	12,417	0.310	3.849	0.315	3.906
<i>Total for Topsham:</i>				144.102		143.625

HPMS Functional Class Codes:

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2030 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

West Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	70,648	0.319	22.530	0.312	22.014
7	46	26,095	0.316	8.243	0.309	8.053
8	45	13,037	0.317	4.133	0.307	3.997
9	49	17,058	0.310	5.288	0.315	5.366
<i>Total for West Bath:</i>				40.194		39.430

Woolwich

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	45	138,143	0.319	44.054	0.312	43.045
7	46	1,404	0.316	0.444	0.309	0.433
8	45	35,108	0.317	11.129	0.307	10.764
9	49	13,649	0.310	4.231	0.315	4.294
<i>Total for Woolwich:</i>				59.858		58.537

Total for Sagadahoc County: 498.427 kg 509.380 kg

31 York County

Alfred

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	96,686	0.321	31.026	0.310	29.934
6	37	24,842	0.334	8.295	0.298	7.390
8	41	533	0.325	0.173	0.302	0.161
9	45	33,127	0.317	10.501	0.307	10.157
<i>Total for Alfred:</i>				49.996		47.642

Arundel

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	234,029	0.301	70.443	0.364	85.163
2	44	67,829	0.321	21.766	0.310	21.000
6	37	64,853	0.334	21.655	0.298	19.294
7	40	22,892	0.327	7.484	0.300	6.856
9	45	60,556	0.317	19.196	0.307	18.567
<i>Total for Arundel:</i>				140.543		150.880

Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	2,835	0.362	1.026	0.303	0.858
16	29	30,500	0.362	11.041	0.303	9.226
17	27	15,210	0.372	5.657	0.308	4.677
19	33	33,413	0.346	11.557	0.298	9.940
6	37	68,595	0.334	22.904	0.298	20.407
8	41	9,768	0.325	3.173	0.302	2.945
9	45	31,801	0.317	10.081	0.307	9.750
<i>Total for Berwick:</i>				65.439		57.803

2030 Portland, Maine Ozone Maintenance Area

31 York County

Biddeford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	190,756	0.301	57.418	0.364	69.416
16	29	62,470	0.362	22.614	0.303	18.897
17	27	123,907	0.372	46.081	0.308	38.101
19	33	34,472	0.346	11.924	0.298	10.255
2	44	38,920	0.321	12.490	0.310	12.050
6	37	50,308	0.334	16.798	0.298	14.967
7	40	19,951	0.327	6.522	0.300	5.975
8	41	36,721	0.325	11.931	0.302	11.071
9	45	28,916	0.317	9.166	0.307	8.866
<i>Total for Biddeford:</i>				194.943		189.599

Buxton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	44,790	0.321	14.373	0.310	13.867
7	40	38,311	0.327	12.524	0.300	11.474
8	41	88,779	0.325	28.844	0.302	26.767
9	45	47,086	0.317	14.926	0.307	14.437
<i>Total for Buxton:</i>				70.668		66.545

Dayton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	57,009	0.327	18.636	0.300	17.074
8	41	2,774	0.325	0.901	0.302	0.836
9	45	12,797	0.317	4.057	0.307	3.924
<i>Total for Dayton:</i>				23.594		21.834

Eliot

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	101,631	0.362	36.791	0.303	30.743
17	27	41,739	0.372	15.523	0.308	12.835
19	33	16,564	0.346	5.730	0.298	4.928
7	40	348	0.327	0.114	0.300	0.104
8	41	2,118	0.325	0.688	0.302	0.639
9	45	3,526	0.317	1.118	0.307	1.081
<i>Total for Eliot:</i>				59.963		50.330

Hollis

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	46,387	0.321	14.886	0.310	14.361
7	40	73,237	0.327	23.941	0.300	21.935
8	41	25,187	0.325	8.183	0.302	7.594
9	45	28,705	0.317	9.099	0.307	8.801
<i>Total for Hollis:</i>				56.110		52.691

2030 Portland, Maine Ozone Maintenance Area

31 York County

Kennebunk

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	268,953	0.301	80.955	0.364	97.872
6	37	46,776	0.334	15.618	0.298	13.916
7	40	148,510	0.327	48.548	0.300	44.479
8	41	52,858	0.325	17.174	0.302	15.937
9	45	52,459	0.317	16.630	0.307	16.084
<i>Total for Kennebunk:</i>				178.924		188.287

Kennebunkport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	40	46,013	0.327	15.042	0.300	13.781
9	45	55,368	0.317	17.552	0.307	16.976
<i>Total for Kennebunkport:</i>				32.593		30.757

Kittery

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	140,423	0.301	42.267	0.364	51.100
11	60	155,867	0.301	46.931	0.361	56.237
12	38	18,622	0.333	6.199	0.302	5.615
14	29	34,260	0.362	12.402	0.303	10.364
16	29	93,026	0.362	33.675	0.303	28.140
17	27	41,633	0.372	15.483	0.308	12.802
19	33	16,490	0.346	5.704	0.298	4.906
6	37	14,536	0.334	4.853	0.298	4.324
7	40	2,936	0.327	0.960	0.300	0.879
8	41	4,418	0.325	1.435	0.302	1.332
9	45	9,987	0.317	3.166	0.307	3.062
<i>Total for Kittery:</i>				173.077		178.761

Limington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	46,878	0.334	15.653	0.298	13.946
7	40	34,868	0.327	11.398	0.300	10.443
8	41	4,280	0.325	1.391	0.302	1.290
9	45	19,272	0.317	6.109	0.307	5.909
<i>Total for Limington:</i>				34.551		31.589

Lyman

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	44	90,120	0.321	28.920	0.310	27.901
7	40	25,076	0.327	8.197	0.300	7.510
8	41	26,883	0.325	8.734	0.302	8.105
9	45	26,906	0.317	8.529	0.307	8.249
<i>Total for Lyman:</i>				54.380		51.766

2030 Portland, Maine Ozone Maintenance Area

31 York County

North Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	37	101,695	0.334	33.956	0.298	30.254
8	41	5,051	0.325	1.641	0.302	1.523
9	45	48,307	0.317	15.313	0.307	14.811
<i>Total for North Berwick:</i>				50.910		46.588

Ogunquit

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	84,669	0.301	25.485	0.364	30.811
6	37	50,502	0.334	16.863	0.298	15.024
7	40	11,172	0.327	3.652	0.300	3.346
9	45	15,132	0.317	4.797	0.307	4.640
<i>Total for Ogunquit:</i>				50.797		53.821

Old Orchard Beach

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	38	716	0.333	0.238	0.302	0.216
17	27	86,871	0.372	32.307	0.308	26.713
19	33	33,375	0.346	11.544	0.298	9.929
<i>Total for Old Orchard Beach:</i>				44.090		36.858

Saco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	395,774	0.301	119.128	0.364	144.022
11	60	200,531	0.301	60.380	0.361	72.351
12	38	10,612	0.333	3.533	0.302	3.199
16	29	73,407	0.362	26.573	0.303	22.206
17	27	145,104	0.372	53.964	0.308	44.620
19	33	37,940	0.346	13.123	0.298	11.287
6	37	53,912	0.334	18.001	0.298	16.039
7	40	65,536	0.327	21.424	0.300	19.628
8	41	4,469	0.325	1.452	0.302	1.347
9	45	37,328	0.317	11.833	0.307	11.445
<i>Total for Saco:</i>				329.412		346.145

Sanford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	29	149,057	0.362	53.959	0.303	45.090
16	29	52,413	0.362	18.973	0.303	15.855
17	27	88,063	0.372	32.751	0.308	27.079
19	33	53,688	0.346	18.571	0.298	15.972
2	44	38,689	0.321	12.415	0.310	11.978
6	37	65,813	0.334	21.975	0.298	19.579
7	40	30,276	0.327	9.897	0.300	9.068
8	41	13,556	0.325	4.404	0.302	4.087
9	45	47,350	0.317	15.010	0.307	14.517
<i>Total for Sanford:</i>				187.955		163.226

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.

2030 Portland, Maine Ozone Maintenance Area

31 York County

South Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
16	29	69,718	0.362	25.238	0.303	21.090
17	27	6,858	0.372	2.550	0.308	2.109
19	33	30,086	0.346	10.407	0.298	8.951
6	37	28,403	0.334	9.484	0.298	8.450
7	40	11,027	0.327	3.605	0.300	3.303
9	45	23,661	0.317	7.501	0.307	7.255
<i>Total for South Berwick:</i>				58.784		51.156

Wells

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	521,820	0.301	157.068	0.364	189.890
2	44	60,841	0.321	19.524	0.310	18.836
6	37	216,591	0.334	72.320	0.298	64.436
7	40	17,088	0.327	5.586	0.300	5.118
8	41	30,211	0.325	9.816	0.302	9.109
9	45	87,728	0.317	27.810	0.307	26.897
<i>Total for Wells:</i>				292.123		314.286

York

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	642,506	0.301	193.394	0.364	233.808
6	37	176,649	0.334	58.983	0.298	52.553
7	40	130,724	0.327	42.734	0.300	39.152
8	41	46,834	0.325	15.216	0.302	14.120
9	45	95,167	0.317	30.168	0.307	29.178
<i>Total for York:</i>				340.496		368.812

Total for York County: 2,489.349 kg 2,499.374 kg

2030 Portland, Maine Ozone Maintenance Area: 5,468.841 kg 5,040.320 kg
6.027 tons 5.554 tons

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	140,017	0.345	48.306	0.307	42.915
7	42	121,492	0.347	42.158	0.305	37.006
8	45	787	0.341	0.268	0.309	0.243
<i>Total for Bar Harbor:</i>				90.732		80.164

Blue Hill

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	67,432	0.347	23.399	0.305	20.540
8	45	45,749	0.341	15.600	0.309	14.118
<i>Total for Blue Hill:</i>				38.999		34.658

Brooklin

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	15,138	0.341	5.162	0.309	4.672
<i>Total for Brooklin:</i>				5.162		4.672

Brooksville

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,189	0.347	0.413	0.305	0.362
8	45	15,011	0.341	5.119	0.309	4.632
<i>Total for Brooksville:</i>				5.531		4.995

Deer Isle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	37,258	0.347	12.928	0.305	11.349
8	45	9,225	0.341	3.146	0.309	2.847
<i>Total for Deer Isle:</i>				16.074		14.196

Frenchboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.341	0.000	0.309	0.000
<i>Total for Frenchboro:</i>				0.000		0.000

Gouldsboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	40,813	0.345	14.081	0.307	12.509
7	42	23,646	0.347	8.205	0.305	7.203
8	45	12,287	0.341	4.190	0.309	3.792
<i>Total for Gouldsboro:</i>				26.476		23.504

Hancock

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	94,619	0.345	32.643	0.307	29.001
7	42	22,444	0.347	7.788	0.305	6.836
8	45	3,232	0.341	1.102	0.309	0.997
<i>Total for Hancock:</i>				41.533		36.834

2030 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Lamoine

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	21,230	0.347	7.367	0.305	6.467
8	45	12,700	0.341	4.331	0.309	3.919
<i>Total for Lamoine:</i>				11.698		10.386

Sedgwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	35,471	0.347	12.308	0.305	10.804
8	45	18,095	0.341	6.170	0.309	5.584
<i>Total for Sedgwick:</i>				18.479		16.389

Sorrento

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	2,013	0.341	0.686	0.309	0.621
<i>Total for Sorrento:</i>				0.686		0.621

Southwest Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	50,970	0.347	17.687	0.305	15.525
8	45	14,642	0.341	4.993	0.309	4.519
<i>Total for Southwest Harbor:</i>				22.680		20.044

Stonington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	8,187	0.347	2.841	0.305	2.494
8	45	6,347	0.341	2.164	0.309	1.959
<i>Total for Stonington:</i>				5.005		4.452

Sullivan

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	53,516	0.345	18.463	0.307	16.403
7	42	2,836	0.347	0.984	0.305	0.864
8	45	4,366	0.341	1.489	0.309	1.347
<i>Total for Sullivan:</i>				20.936		18.614

Surry

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	40,850	0.347	14.175	0.305	12.443
8	45	11,717	0.341	3.996	0.309	3.616
<i>Total for Surry:</i>				18.171		16.059

Swans Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	1,131	0.347	0.392	0.305	0.345
8	45	0	0.341	0.000	0.309	0.000
<i>Total for Swans Island:</i>				0.392		0.345

Tremont

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	5,081	0.347	1.763	0.305	1.548
8	45	21,636	0.341	7.378	0.309	6.677
<i>Total for Tremont:</i>				9.141		8.225

HPMS Functional Class Codes:

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2030 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Trenton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	43	138,732	0.345	47.863	0.307	42.521
7	42	4,338	0.347	1.505	0.305	1.321
8	45	16,449	0.341	5.609	0.309	5.076
<i>Total for Trenton:</i>				54.977		48.919

Winter Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	42	8,139	0.347	2.824	0.305	2.479
8	45	763	0.341	0.260	0.309	0.236
<i>Total for Winter Harbor:</i>				3.084		2.715

Total for Hancock County: 389.757 kg 345.790 kg

13 Knox County

Camden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	52,312	0.325	16.996	0.307	16.034
7	44	15,013	0.319	4.788	0.306	4.587
8	45	28,024	0.317	8.883	0.307	8.592
9	49	33,253	0.310	10.308	0.315	10.461
<i>Total for Camden:</i>				40.976		39.673

Cushing

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	7,981	0.319	2.545	0.306	2.438
8	45	22,767	0.317	7.217	0.307	6.980
9	49	1,685	0.310	0.522	0.315	0.530
<i>Total for Cushing:</i>				10.285		9.949

Friendship

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	12,430	0.319	3.964	0.306	3.797
8	45	1,309	0.317	0.415	0.307	0.401
9	49	4,267	0.310	1.323	0.315	1.342
<i>Total for Friendship:</i>				5.701		5.541

Isle Au Haut

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	49	1,710	0.310	0.530	0.315	0.538
<i>Total for Isle Au Haut:</i>				0.530		0.538

Matinicus Isle Plt

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	45	0	0.317	0.000	0.307	0.000
9	49	99	0.310	0.031	0.315	0.031
<i>Total for Matinicus Isle Plt:</i>				0.031		0.031

2030 MidCoast, Maine Ozone Maintenance Area

13 Knox County

North Haven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	743	0.319	0.237	0.306	0.227
8	45	264	0.317	0.084	0.307	0.081
9	49	1,167	0.310	0.362	0.315	0.367
<i>Total for North Haven:</i>				0.683		0.675

Owls Head

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	14,509	0.319	4.627	0.306	4.432
8	45	12,689	0.317	4.023	0.307	3.891
9	49	3,536	0.310	1.096	0.315	1.112
<i>Total for Owls Head:</i>				9.746		9.435

Rockland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
14	24	63,480	0.389	24.694	0.316	20.041
16	26	23,804	0.377	8.974	0.310	7.370
17	25	38,457	0.382	14.691	0.313	12.022
19	29	20,500	0.362	7.421	0.303	6.201
6	50	19,181	0.309	5.927	0.316	6.055
7	44	8,265	0.319	2.636	0.306	2.525
8	45	0	0.317	0.000	0.307	0.000
9	49	3,923	0.310	1.216	0.315	1.234
<i>Total for Rockland:</i>				65.558		55.448

Rockport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	93,403	0.325	30.347	0.307	28.628
6	50	104,038	0.309	32.148	0.316	32.845
7	44	6,262	0.319	1.997	0.306	1.913
8	45	9,770	0.317	3.097	0.307	2.995
9	49	41,815	0.310	12.963	0.315	13.155
<i>Total for Rockport:</i>				80.551		79.536

South Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	41,374	0.319	13.194	0.306	12.640
8	45	5,722	0.317	1.814	0.307	1.754
9	49	7,892	0.310	2.447	0.315	2.483
<i>Total for South Thomaston:</i>				17.455		16.877

Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	74,189	0.325	24.104	0.307	22.739
7	44	17,234	0.319	5.496	0.306	5.265
8	45	6,897	0.317	2.186	0.307	2.115
9	49	14,348	0.310	4.448	0.315	4.514
<i>Total for Thomaston:</i>				36.234		34.632

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.

2030 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Vinalhaven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	44	3,354	0.319	1.070	0.306	1.025
8	45	0	0.317	0.000	0.307	0.000
9	49	2,617	0.310	0.811	0.315	0.823
<i>Total for Vinalhaven:</i>				1.881		1.848

Warren

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	42	69,482	0.325	22.575	0.307	21.296
6	50	48,893	0.309	15.108	0.316	15.435
7	44	21,828	0.319	6.961	0.306	6.668
8	45	6,714	0.317	2.128	0.307	2.058
9	49	26,836	0.310	8.319	0.315	8.443
<i>Total for Warren:</i>				55.091		53.901

Total for Knox County: 324.720 kg 308.085 kg

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	12,847	0.317	4.072	0.307	3.939
8	46	6,441	0.316	2.035	0.309	1.988
9	49	2,816	0.310	0.873	0.315	0.886
<i>Total for Alna:</i>				6.980		6.812

Boothbay

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	66,233	0.316	20.923	0.309	20.439
7	45	5,958	0.317	1.889	0.307	1.827
8	46	25,441	0.316	8.037	0.309	7.851
9	49	27,275	0.310	8.455	0.315	8.581
<i>Total for Boothbay:</i>				39.303		38.698

Boothbay Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	23,280	0.316	7.354	0.309	7.184
7	45	19,263	0.317	6.106	0.307	5.906
8	46	12,460	0.316	3.936	0.309	3.845
9	49	14,750	0.310	4.573	0.315	4.640
<i>Total for Boothbay Harbor:</i>				21.969		21.576

Bremen

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	10,241	0.317	3.246	0.307	3.140
8	46	4,510	0.316	1.425	0.309	1.392
9	49	3,723	0.310	1.154	0.315	1.171
<i>Total for Bremen:</i>				5.825		5.703

2030 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Bristol

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	79,575	0.317	25.225	0.307	24.398
8	46	14,529	0.316	4.590	0.309	4.484
9	49	17,285	0.310	5.358	0.315	5.438
<i>Total for Bristol:</i>				35.174		34.319

Damariscotta

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	26,020	0.314	8.168	0.318	8.264
7	45	49,905	0.317	15.820	0.307	15.301
8	46	20,127	0.316	6.358	0.309	6.211
9	49	9,947	0.310	3.084	0.315	3.129
<i>Total for Damariscotta:</i>				33.429		32.905

Dresden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	46	21,368	0.316	6.750	0.309	6.594
7	45	10,893	0.317	3.453	0.307	3.340
8	46	22,186	0.316	7.008	0.309	6.847
9	49	6,136	0.310	1.902	0.315	1.930
<i>Total for Dresden:</i>				19.114		18.711

Edgecomb

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	50,386	0.314	15.816	0.318	16.003
6	46	50,203	0.316	15.859	0.309	15.493
7	45	479	0.317	0.152	0.307	0.147
8	46	10,344	0.316	3.268	0.309	3.192
9	49	5,918	0.310	1.834	0.315	1.862
<i>Total for Edgecomb:</i>				36.930		36.696

Newcastle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	92,502	0.314	29.036	0.318	29.379
7	45	22,024	0.317	6.982	0.307	6.753
8	46	21,997	0.316	6.949	0.309	6.788
9	49	9,200	0.310	2.852	0.315	2.894
<i>Total for Newcastle:</i>				45.819		45.814

Nobleboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	49,174	0.314	15.436	0.318	15.618
7	45	692	0.317	0.219	0.307	0.212
8	46	12,068	0.316	3.812	0.309	3.724
9	49	13,888	0.310	4.305	0.315	4.369
<i>Total for Nobleboro:</i>				23.772		23.923

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	28,970	0.317	9.183	0.307	8.882
8	46	1,323	0.316	0.418	0.309	0.408
9	49	4,691	0.310	1.454	0.315	1.476
<i>Total for South Bristol:</i>				11.055		10.766

Southport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	45	740	0.317	0.235	0.307	0.227
8	46	11,180	0.316	3.532	0.309	3.450
9	49	1,694	0.310	0.525	0.315	0.533
<i>Total for Southport:</i>				4.292		4.210

Waldoboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	96,295	0.314	30.227	0.318	30.583
7	45	67,060	0.317	21.258	0.307	20.561
8	46	12,057	0.316	3.809	0.309	3.721
9	49	25,241	0.310	7.825	0.315	7.941
<i>Total for Waldoboro:</i>				63.118		62.805

Wiscasset

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	48	101,156	0.314	31.753	0.318	32.127
6	46	29,101	0.316	9.193	0.309	8.980
7	45	7,028	0.317	2.228	0.307	2.155
8	46	11,147	0.316	3.521	0.309	3.440
9	49	17,597	0.310	5.455	0.315	5.536
<i>Total for Wiscasset:</i>				52.150		52.238

Total for Lincoln County: 398.930 kg 395.177 kg

27 Waldo County

Islesboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	49	897	0.333	0.299	0.317	0.284
8	48	2,264	0.334	0.757	0.315	0.712
9	50	13,902	0.331	4.602	0.319	4.429
<i>Total for Islesboro:</i>				5.657		5.426

Total for Waldo County: 5.657 kg 5.426 kg

2030 MidCoast, Maine Ozone Maintenance Area: 1,119.065 kg 1,054.478 kg
1.233 tons 1.162 tons

-K-

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
2008	69	1						0.772		
	67	1		0.697						
	65	1								0.776
	60	11								0.777
	59	11		0.700						
	50	9							0.902	
	50	6				0.827				
	49	9				0.831	0.831	0.806		
	49	7							0.907	
	48	9	0.834		0.911					
	48	8							0.911	
	48	2					0.840			
	47	9		0.729						
	47	8	0.838							
	46	6					0.842			
	46	8					0.842			
	46	12		0.738						
	46	7						0.818		
	45	12						0.827		
	45	9								0.826
	45	8			0.926	0.847		0.822		
	45	7	0.847				0.847			
	45	6	0.847							
	45	2						0.827		
	44	7				0.850				
	44	2								0.835
	43	6			0.935					
	42	2				0.864				
	42	6		0.746						
	42	7		0.746	0.940					
	41	8		0.750						0.841
	40	7								0.846
	39	2		0.763						
	38	12								0.860
	37	6								0.859
	33	19								0.883

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-1

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.)*

2008	32	19		0.792						
	31	14						0.896		
	29	16								0.917
	29	14								0.917
	29	19				0.938		0.913		
	28	14		0.822						
	27	17		0.831						0.936
	27	16		0.831						
	26	16				0.967				
	25	17				0.978		0.953		
	24	14				0.991				
	23	16						0.981		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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
2011	69	1						0.625		
	67	1		0.537						
	65	1								0.627
	60	11								0.628
	59	11		0.539						
	50	6				0.662				
	50	9							0.716	
	49	7							0.720	
	49	9				0.664	0.664	0.649		
	48	2					0.671			
	48	9	0.667		0.723					
	48	8							0.723	
	47	8	0.670							
	47	9		0.558						
	46	8					0.673			
	46	12		0.563						
	46	7						0.657		
	46	6					0.673			
	45	2						0.664		
	45	7	0.676				0.676			
	45	12						0.664		
	45	6	0.676							
	45	9								0.663
	45	8			0.733	0.676		0.661		
	44	7				0.678				
	44	2								0.670
	43	6			0.740					
	42	7		0.569	0.744					
	42	6		0.569						
	42	2				0.688				
	41	8		0.571						0.675
	40	7								0.678
	39	2		0.579						
	38	12								0.688
	37	6								0.687
	33	19								0.706

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-3

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.)*

2011	32	19		0.600						
	31	14						0.716		
	29	14								0.731
	29	16								0.731
	29	19				0.744		0.729		
	28	14		0.622						
	27	16		0.628						
	27	17		0.628						0.745
	26	16				0.766				
	25	17				0.774		0.759		
	24	14				0.785				
	23	16						0.781		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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	69	1						0.463		
	67	1		0.368						
	65	1								0.463
	60	11								0.464
	59	11		0.369						
	50	9							0.513	
	50	6				0.478				
	49	7							0.515	
	49	9				0.480	0.480	0.480		
	48	2					0.484			
	48	9	0.481		0.517					
	48	8							0.517	
	47	9		0.379						
	47	8	0.483							
	46	7						0.485		
	46	12		0.382						
	46	8					0.485			
	46	6					0.485			
	45	7	0.488				0.488			
	45	9								0.488
	45	8			0.525	0.488		0.488		
	45	6	0.488							
	45	2						0.490		
	45	12						0.490		
	44	2								0.492
	44	7				0.490				
	43	6			0.530					
	42	2				0.496				
	42	7		0.386	0.533					
	42	6		0.386						
	41	8		0.388						0.496
	40	7								0.499
	39	2		0.393						
	38	12								0.506
	37	6								0.506
	33	19								0.519

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-5

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.)*

2016	32	19		0.406						
	31	14						0.527		
	29	14								0.537
	29	19				0.537		0.537		
	29	16								0.537
	28	14		0.420						
	27	17		0.424						0.547
	27	16		0.424						
	26	16				0.552				
	25	17				0.559		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.

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	69	1						0.316		
	67	1		0.211						
	65	1								0.316
	60	11								0.316
	59	11		0.211						
	50	9							0.350	
	50	6				0.327				
	49	9				0.329	0.329	0.329		
	49	7							0.351	
	48	2					0.332			
	48	9	0.330		0.353					
	48	8							0.353	
	47	9		0.217						
	47	8	0.332							
	46	8					0.334			
	46	7						0.334		
	46	6					0.334			
	46	12		0.219						
	45	7	0.335				0.335			
	45	12						0.337		
	45	9								0.335
	45	8			0.359	0.335		0.335		
	45	6	0.335							
	45	2						0.337		
	44	2								0.339
	44	7				0.337				
	43	6			0.363					
	42	6		0.223						
	42	2				0.342				
	42	7		0.223	0.365					
	41	8		0.223						0.343
	40	7								0.344
	39	2		0.227						
	38	12								0.350
	37	6								0.350
	33	19								0.361

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-7

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.)*

2025	32	19		0.237						
	31	14						0.368		
	29	14								0.376
	29	19				0.376		0.376		
	29	16								0.376
	28	14		0.247						
	27	16		0.250						
	27	17		0.250						0.384
	26	16				0.389				
	25	17				0.394		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.

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	69	1						0.304		
	67	1		0.200						
	65	1								0.304
	60	11								0.305
	59	11		0.201						
	50	6				0.316				
	50	9							0.337	
	49	9				0.317	0.317	0.317		
	49	7							0.339	
	48	9	0.319		0.341					
	48	2					0.320			
	48	8							0.341	
	47	8	0.321							
	47	9		0.207						
	46	8					0.322			
	46	6					0.322			
	46	12		0.209						
	46	7						0.322		
	45	7	0.324				0.324			
	45	2						0.325		
	45	8			0.347	0.324		0.324		
	45	6	0.324							
	45	12						0.325		
	45	9								0.324
	44	2								0.327
	44	7				0.325				
	43	6			0.351					
	42	7		0.212	0.352					
	42	2				0.331				
	42	6		0.212						
	41	8		0.213						0.330
	40	7								0.333
	39	2		0.217						
	38	12								0.338
	37	6								0.338
	33	19								0.349

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-9

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.)*

2030	32	19		0.227						
	31	14						0.356		
	29	14								0.363
	29	19				0.363		0.363		
	29	16								0.363
	28	14		0.237						
	27	17		0.239						0.371
	27	16		0.239						
	26	16				0.376				
	25	17				0.381		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.

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
2008	69	1						0.826		
	67	1		0.720						
	65	1								0.826
	60	11								0.823
	59	11		0.715						
	50	6				0.780				
	50	9							0.786	
	49	7							0.784	
	49	9				0.778	0.778	0.778		
	48	2					0.788			
	48	8							0.782	
	48	9	0.776		0.782					
	47	8	0.773							
	47	9		0.670						
	46	12		0.679						
	46	6					0.771			
	46	7						0.771		
	46	8					0.771			
	45	12						0.781		
	45	2						0.781		
	45	6	0.768							
	45	7	0.768				0.768			
	45	8			0.775	0.768		0.768		
	45	9								0.768
	44	2								0.778
	44	7				0.766				
	43	6			0.771					
	42	2				0.773				
	42	6		0.658						
	42	7		0.658	0.768					
	41	8		0.656						0.759
	40	7								0.756
	39	2		0.662						
	38	12								0.765
	37	6								0.752
	33	19								0.754

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-11

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.)*

2008	32	19		0.654						
	31	14						0.761		
	29	14								0.770
	29	16								0.770
	29	19				0.770		0.770		
	28	14		0.670						
	27	16		0.676						
	27	17		0.676						0.783
	26	16				0.790				
	25	17				0.798		0.798		
	24	14				0.806				
	23	16						0.814		

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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
2011	69	1						0.651		
	67	1		0.525						
	65	1								0.651
	60	11								0.650
	59	11		0.522						
	50	6				0.617				
	50	9							0.623	
	49	7							0.621	
	49	9				0.615	0.615	0.615		
	48	2					0.623			
	48	8							0.619	
	48	9	0.614		0.619					
	47	8	0.612							
	47	9		0.489						
	46	12		0.495						
	46	6					0.610			
	46	7						0.610		
	46	8					0.610			
	45	12						0.617		
	45	2						0.617		
	45	6	0.608							
	45	7	0.608				0.608			
	45	8			0.614	0.608		0.608		
	45	9								0.608
	44	2								0.615
	44	7				0.607				
	43	6			0.611					
	42	2				0.612				
	42	6		0.481						
	42	7		0.481	0.609					
	41	8		0.479						0.601
	40	7								0.599
	39	2		0.483						
	38	12								0.605
	37	6								0.596
	33	19								0.598

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

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.)*

2011	32	19		0.477						
	31	14						0.603		
	29	14								0.610
	29	16								0.610
	29	19				0.610		0.610		
	28	14		0.489						
	27	16		0.493						
	27	17		0.493						0.620
	26	16				0.625				
	25	17				0.631		0.631		
	24	14				0.637				
	23	16						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.

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	69	1						0.447		
	67	1		0.302						
	65	1								0.447
	60	11								0.446
	59	11		0.299						
	50	6				0.424				
	50	9							0.428	
	49	7							0.427	
	49	9				0.423	0.423	0.423		
	48	2					0.428			
	48	8							0.426	
	48	9	0.422		0.426					
	47	8	0.421							
	47	9		0.281						
	46	12		0.284						
	46	6					0.420			
	46	7						0.420		
	46	8					0.420			
	45	12						0.425		
	45	2						0.425		
	45	6	0.419							
	45	7	0.419				0.419			
	45	8			0.422	0.419		0.419		
	45	9								0.419
	44	2								0.423
	44	7				0.417				
	43	6			0.420					
	42	2				0.421				
	42	6		0.276						
	42	7		0.276	0.419					
	41	8		0.275						0.414
	40	7								0.413
	39	2		0.277						
	38	12								0.417
	37	6								0.411
	33	19								0.412

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-15

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.)*

2016	32	19		0.274						
	31	14						0.415		
	29	14								0.420
	29	16								0.420
	29	19				0.420		0.420		
	28	14		0.281						
	27	16		0.283						
	27	17		0.283						0.427
	26	16				0.430				
	25	17				0.434		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.

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	69	1						0.325		
	67	1		0.165						
	65	1								0.325
	60	11								0.324
	59	11		0.164						
	50	6				0.308				
	50	9							0.311	
	49	7							0.310	
	49	9				0.307	0.307	0.307		
	48	2					0.311			
	48	8							0.309	
	48	9	0.306		0.309					
	47	8	0.306							
	47	9		0.153						
	46	12		0.155						
	46	6					0.305			
	46	7						0.305		
	46	8					0.305			
	45	12						0.309		
	45	2						0.309		
	45	6	0.304							
	45	7	0.304				0.304			
	45	8			0.307	0.304		0.304		
	45	9								0.304
	44	2								0.308
	44	7				0.303				
	43	6			0.305					
	42	2				0.306				
	42	6		0.150						
	42	7		0.150	0.304					
	41	8		0.150						0.300
	40	7								0.299
	39	2		0.151						
	38	12								0.303
	37	6								0.298
	33	19								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.

Page K-17

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.)*

2025	32	19		0.149						
	31	14						0.301		
	29	14								0.305
	29	16								0.305
	29	19				0.305		0.305		
	28	14		0.153						
	27	16		0.154						
	27	17		0.154						0.310
	26	16				0.313				
	25	17				0.316		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.

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	69	1						0.302		
	67	1		0.142						
	65	1								0.302
	60	11								0.301
	59	11		0.141						
	50	6				0.286				
	50	9							0.288	
	49	7							0.287	
	49	9				0.285	0.285	0.285		
	48	2					0.288			
	48	8							0.286	
	48	9	0.284		0.286					
	47	8	0.283							
	47	9		0.131						
	46	12		0.133						
	46	6					0.282			
	46	7						0.282		
	46	8					0.282			
	45	12						0.286		
	45	2						0.286		
	45	6	0.281							
	45	7	0.281				0.281			
	45	8			0.284	0.281		0.281		
	45	9								0.281
	44	2								0.285
	44	7				0.280				
	43	6			0.282					
	42	2				0.283				
	42	6		0.128						
	42	7		0.128	0.281					
	41	8		0.128						0.278
	40	7								0.277
	39	2		0.129						
	38	12								0.280
	37	6								0.275
	33	19								0.276

Commuter Vehicle Class Emission Factors are a composite of the following MOBILE6.2 Vehicle Classes: LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12 and LDDT34.

Page K-19

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.)*

2030	32	19		0.127						
	31	14						0.278		
	29	14								0.282
	29	16								0.282
	29	19				0.282		0.282		
	28	14		0.131						
	27	16		0.132						
	27	17		0.132						0.287
	26	16				0.289				
	25	17				0.292		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.

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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APPROVAL LETTERS



**SOUTHERN MAINE
REGIONAL PLANNING
COMMISSION**

The Council of Governments
Serving the Municipalities of
Southwestern Maine

Tom Reinauer, Transportation Director

September 25, 2009

Jonathan McDade, Division Administrator
Federal Highway Administration
Room 614, Federal Building
Augusta, ME 04330

Attn: Anna Price, Division Transportation Planner

Subject: KACTS' approval of the Conformity Analysis for the *2010-2013 Statewide Transportation Improvement Program (STIP)*

Dear Mr. McDade:

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 2010-2013 STIP, 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 or Martin Rooney at 624-3317.

Sincerely,

Tom Reinauer
Director, KACTS MPO

cc: Nate Howard, MaineDOT
Donald Cooke, EPA – Region 1
Bill Gordon, FTA – Region 1

Acton
Alfred
Arundel
Baldwin
Berwick
Biddeford
Brownfield
Buxton
Cornish
Dayton
Denmark
Eliot
Fryeburg
Hiram
Hollis
Kennebunk
Kennebunkport
Kittery
Lebanon
Limerick
Limington
Lovell
Lyman
Newfield
North Berwick
Ogunquit
Old Orchard Beach
Parsonsfield
Porter
Saco
Sanford
Shapleigh
South Berwick
Stoneham
Stow
Sweden
Waterboro
Wells
York

PACTS

Portland Area Comprehensive Transportation System



September 22, 2009

Jonathan McDade, Division Administrator
Federal Highway Administration
Room 614, Federal Building
Augusta, ME 04330

Attn: Anna Price, Division Transportation Planner
Subject: PACTS' approval of the Conformity Analysis for the *2010-2013 Statewide Transportation Improvement Program (STIP)*

Dear Mr. McDade:

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 2010-2013 STIP, 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 or Martin Rooney at 624-3317.

Sincerely,



John Duncan
Director, PACTS MPO

cc: Nate Howard, MaineDOT
Donald Cooke, 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



STATE OF MAINE
DEPARTMENT OF ENVIRONMENTAL PROTECTION

JOHN ELIAS BALDACCI
GOVERNOR

DAVID P. LITTELL
COMMISSIONER

September 24, 2009

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 8-Hour Ozone Conformity Analysis for 2010-2013 Statewide Transportation Improvement Program (STIP). 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 287-2437.

Sincerely,

Melissa W Morrill

Melissa Morrill
Mobile Sources Section
Division of Program Planning
Bureau of Air Quality
Maine Department of Environmental Protection

cc: Donald Cooke, EPA – Region 1
Bill Gordon, FTA – Region 1
Anna Price, FHWA – Region 1

AUGUSTA
17 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0017
(207) 287-7688 FAX: (207) 287-7826
RAY BLDG., HOSPITAL ST.

BANGOR
106 HOGAN ROAD
BANGOR, MAINE 04401
(207) 941-4570 FAX: (207) 941-4584

PORTLAND
312 CANCO ROAD
PORTLAND, MAINE 04103
(207) 822-6300 FAX: (207) 822-6303

PRESQUE ISLE
1235 CENTRAL DRIVE, SKYWAY PARK
PRESQUE ISLE, MAINE 04769-2094
(207) 764-0477 FAX: (207) 760-3143



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

September 28, 2009

Mr. Jonathan McDade, Division Administrator
US Department of Transportation, Federal Highway Administration
Edmund S. Muskie Federal Building, Room 614
40 Western Avenue
Augusta, Maine 04330

Re: 2010 – 2013 Statewide Transportation Improvement Program
Transportation Air Quality Conformity Analysis

Dear Mr. McDade:

EPA New England's Air Quality Unit has conducted a review of the September 2009 "Air Quality Conformity Analysis for the 2010 – 2013 Statewide Transportation Improvement Program for Maine's Ozone Maintenance Areas including the Metropolitan Planning Organizations: PACTS and KACTS," 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); (2) the Midcoast Maine 8-hour ozone attainment area with a maintenance plan (which includes portions of Hancock, Knox, Lincoln, and Waldo Counties); and (3) the Presque Isle Maine PM₁₀ attainment area with a maintenance plan. 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 (NO_x) 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 NO_x, and were approved by EPA on March 25, 2006 (71 FR 14815 – 14816).

The 2016 VOC and NO_x 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 NO_x, 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
2011	12.167	20.115	22.560	39.893
2016	8.995	16.659	12.959	32.837
2025	6.126	16.659	6.666	32.837
2030	6.023	16.659	5.551	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
2011	2.359	6.816	3.773	11.317
2016	1.755	3.763	2.295	6.245
2025	1.253	3.763	1.332	6.245
2030	1.218	3.763	1.156	6.245

- Maine's Statewide Transportation Improvement Program will neither slow down nor interfere with the maintenance plan for the Presque Isle PM₁₀ 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 2010 through 2013 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, Manager
Air Quality Planning Unit

cc: Anna Price, FHWA-Maine Division, Augusta, ME
Richard Doyle, 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



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)

Mr. David Cole, Commissioner
Maine Department of Transportation
16 State House Station
Augusta, Maine 04330-0016

Subject: Maine FY 2010 - 2013 Statewide Transportation Improvement Program (STIP)

Dear Mr. Cole:

The Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) have completed our review of the final FY 2010-2013 STIP transmitted on August, 2009. 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 28, 2009, 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 2010 – 2013 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.

**MOVING THE
AMERICAN
ECONOMY**

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. MaineDOT is currently updating its Long Range Plan in accordance with the SAFETEA-LU regulations and should be complete soon. The Draft version of the Plan is currently available for review on the MaineDOT website. Consequently, it is determined that MaineDOT and the MPOs are in substantial conformance with the SAFETEA-LU.

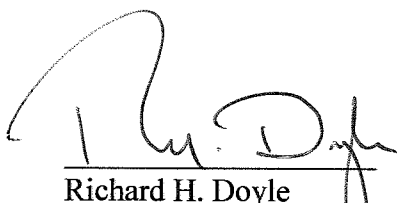
In addition to those requirements specified in SAFETEA-LU, MaineDOT also added the following information to the STIP; a summary of available State match funds by year and projects that are currently planned to be funded with State bond TransCap funding which may, at some future date, be federalized. Finally, 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 2010-2013 STIP satisfies the requirements for the obligation of FHWA Federal-aid highway funds and FTA Federal transit grants for the period October 1, 2009 to September 30, 2011 and is hereby approved, effective October 1, 2009.

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 Anna Price at (207) 622-8350 ext. 101, or Bill Gordon at (617) 494-3517.

Sincerely,



Richard H. Doyle
Regional Administrator
Federal Transit Administration
Region 1



Jonathan McDade
Division Administrator
Federal Highway Administration
Maine Division

Enclosure

cc:

Bruce VanNote, MaineDOT Deputy Commissioner
Kat Fuller, MaineDOT Chief of Planning
Margaret Duval, MaineDOT Assistant to Chief of Planning
Rob Elder, MaineDOT, Director, Office of Freight Transportation
Ken Sweeney, MaineDOT, Director, Bureau of Project Development
Karen Doyle, MaineDOT, Director of Capital Resources
Marty Rooney, MaineDOT, Director, Program Development and Management

MPO Directors for BACTS, ATRC, PACTS, & KACTS
EPA Region 1
FHWA Washington – HEPS

STATEWIDE & METROPOLITAN PLANNING FINDING
OCTOBER 1, 2009

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 2010 - FY 2013 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 BOP 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 on 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.
- Customer surveys for CMAQ, MPO's, economic development 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 Maine-New Hampshire Connection Study, Gorham East-West study, Statewide Rail Plan, and the York County Corridor Study
- Regional Needs Assessments
- MPO UPWP Reports and Accomplishments
- MaineDOT BTSP and Traffic Monitoring Work Plan Quarterly Report Accomplishments
- Gateway 1 Corridor Project
- Maine's Local Roads Program Activities

- Development of the UPWP's and MaineDOT's BTSP Work Plan
- Maine Mall Traffic Signal Coordination
- 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 Revisions 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
- Planning Environmental Agreement
- Finalize "Connecting Maine", the Statewide Long Range 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