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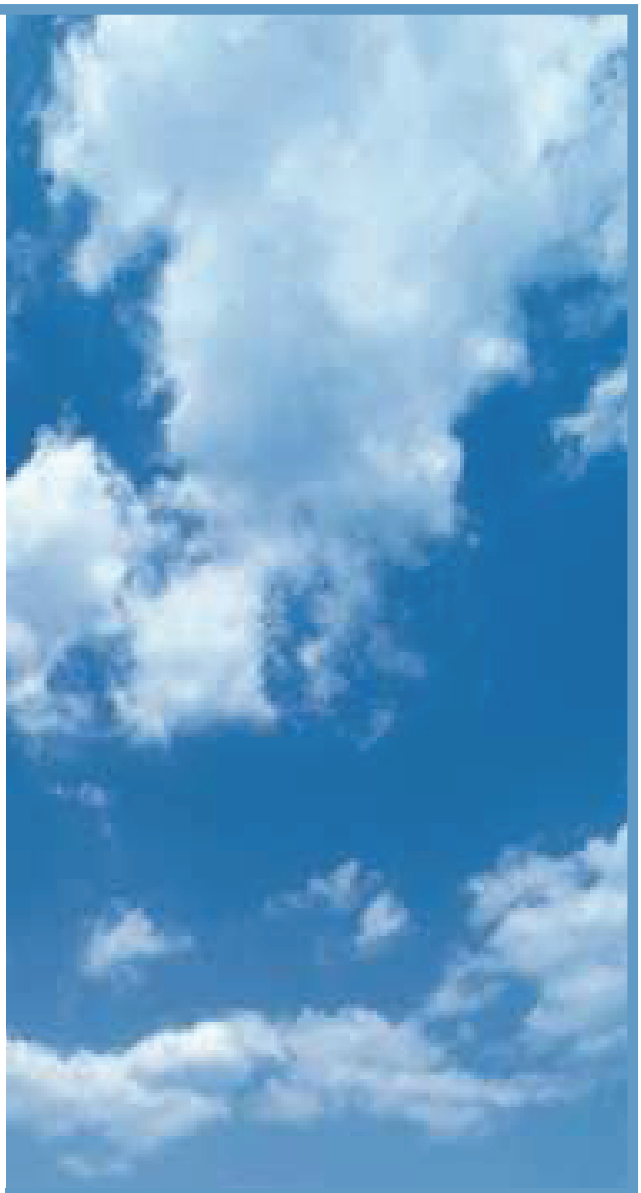
Air Quality Conformity Analysis

for the 2008-2011 Statewide Transportation Improvement Program and *Connecting Maine: Planning Our Transportation Future*



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

Prepared by

MaineDOT

with assistance from the
Maine Department of Environmental Protection

April 2009

Air Quality Conformity Analysis

2008-2011 Statewide Transportation Improvement Program, and

Connecting Maine, Maine's 2030 Long Range Transportation Plan

April 2009

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Air Quality Conformity Analysis

INTRODUCTION

This report documents the air quality conformity determination for *Connecting Maine,* Maine's 2030 Long-Range Transportation Plan (LRP) and the 2008-2011 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 projects, programs and plans are reviewed and evaluated for their impacts on air quality. Specifically, the projects and other federally funded activities contained in the LRP or STIP may not cause or contribute to new violations, exacerbate existing violations, or interfere with the timely attainment of air quality standards. The transportation conformity process requires the active participation of all agencies (federal, state, and local) that implement federally funded transportation projects and programs within the Portland and Midcoast areas.

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

MAINE'S AIR QUALITY DESIGNATIONS

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

The EPA Office of Air Quality Planning and Standards (OAQPS) has set NAAQS for six principal pollutants, which are called "criteria" pollutants. The six criteria pollutants are carbon monoxide, lead, nitrogen oxides, particulate matter, ozone, and sulfur dioxides.

Areas that do not meet the NAAQS are designated as nonattainment areas and, as a result, are subject to transportation conformity. Maintenance areas are geographic regions that were previously designated as nonattainment, but are now consistently meeting the NAAQS. Transportation conformity requires nonattainment and maintenance areas to demonstrate that all future transportation projects will not hinder the area from reaching and maintaining its attainment goals.

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

Ozone

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

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

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

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

Figure 1: Maine's Ozone Maintenance Areas

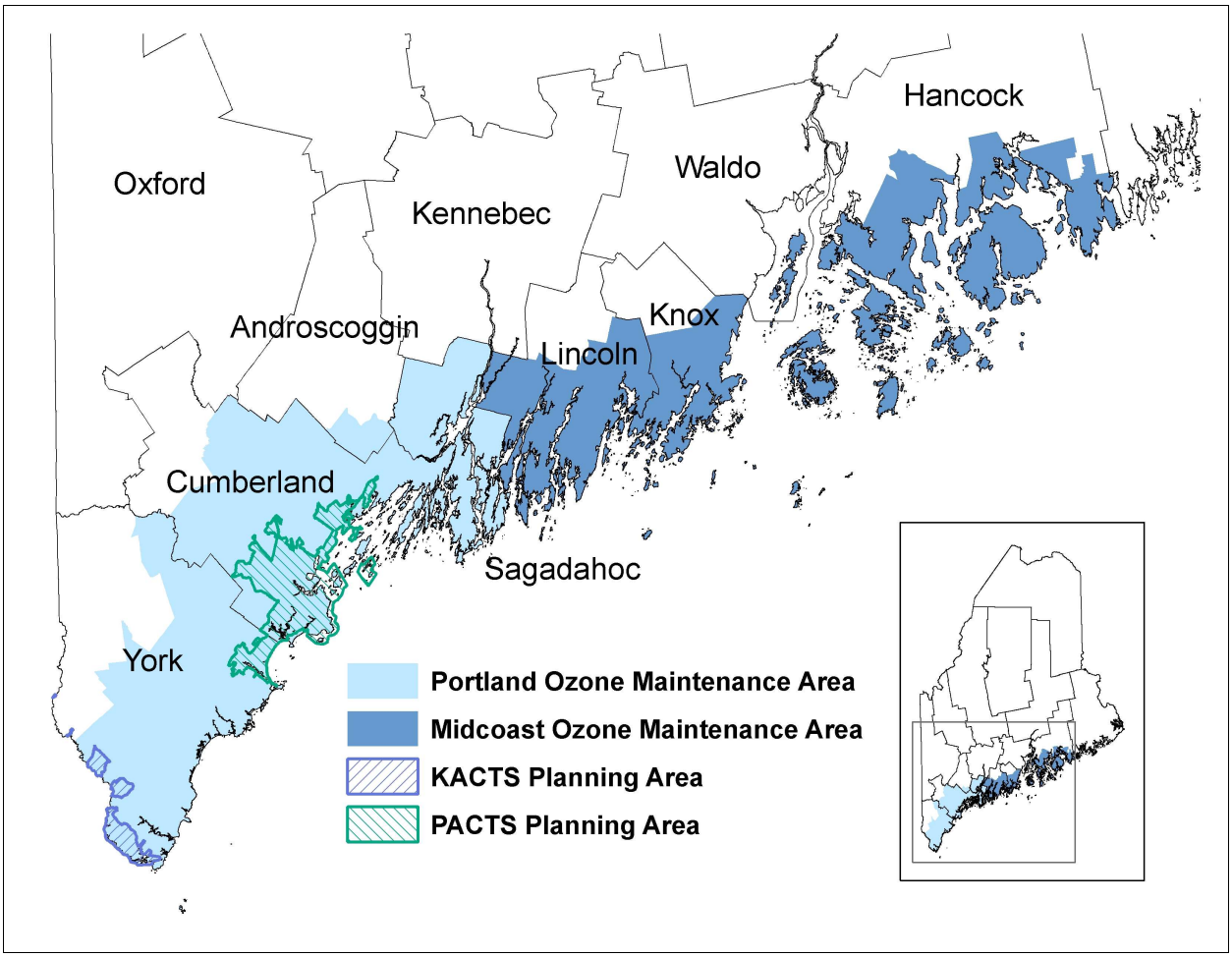


Table 1: Maine's Ozone Maintenance Areas by County and Municipality

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

Particulate Matter (PM_{10})

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

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

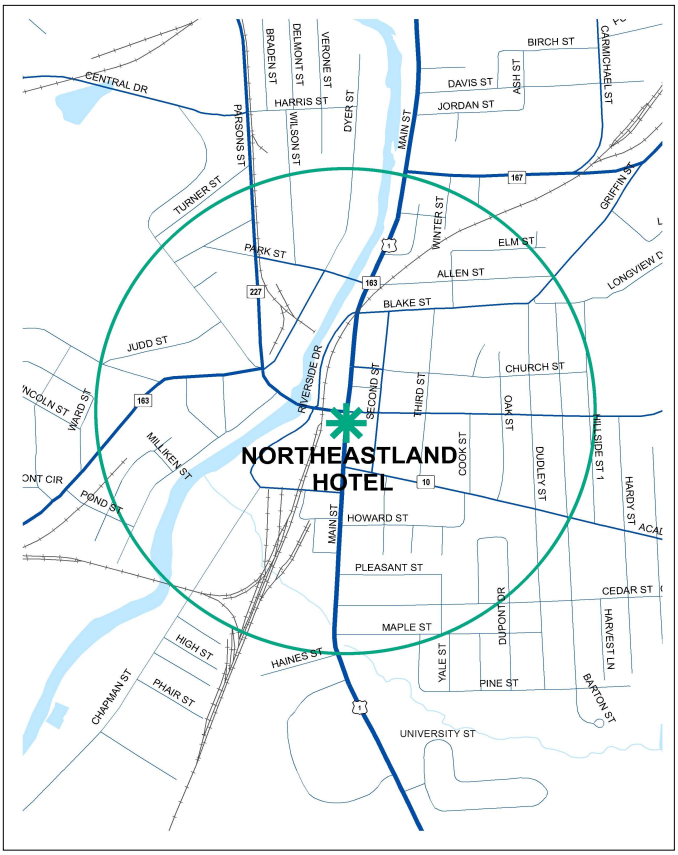


Figure 2: Presque Isle PM_{10} Maintenance Area

CONFORMITY REQUIREMENTS

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

Regional Emissions Analysis

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

The primary criteria for transportation conformity determinations include:

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

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

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

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

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

Localized PM_{10} Hot-Spot Analysis

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

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

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

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

APPLICABLE TRANSPORTATION PLANS AND PROGRAMS

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

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

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

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

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

- *Connecting Maine,* Maine's 2030 Long-Range Transportation Plan
- *Destination Tomorrow*, PACTS MPO 2030 Long-Range Transportation Plan
- *KACTS MPO Long-Range Transportation Plan 2006-2030* (Technical Update)

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 2008-2011 STIP constitutes MaineDOT's plan for obligating federal funds provided by FHWA and FTA for federal fiscal years 2008-2011, beginning October 1, 2007. The STIP also incorporates the TIPs, and associated projects, from Maine's four MPOs. Therefore, the conformity determination for 2008-2011 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:

- 2008-2011 Statewide Transportation Improvement Program
- 2008-2011 PACTS Transportation Improvement Program
- 2008-2011 KACTS Transportation Improvement Program

INTERAGENCY CONSULTATION

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

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

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

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

- Establish a public participation process for the conformity determination

The conformity analysis is prepared by MaineDOT with assistance from MaineDEP under the guidance of the interagency consultation committee. The decisions made by the consultation committee serve as the basis for the conformity analysis and the ultimate conformity determination. The conformity analysis and the applicable transportation plans and programs are made available for public review and comment.

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

METHODOLOGY

The conformity process is complex, not in concept, but in detail. Simply stated, emission estimates from highway-related mobile sources in the Portland and Midcoast areas are developed by multiplying vehicle miles traveled (VMT) by composite emission factors generated by EPA's Mobile 6.2 model. The conformity process involves a number of key assumptions and socioeconomic inputs developed by MaineDOT, MaineDEP and the MPOs and reviewed by the interagency consultation committee. Figure 3, on page 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.

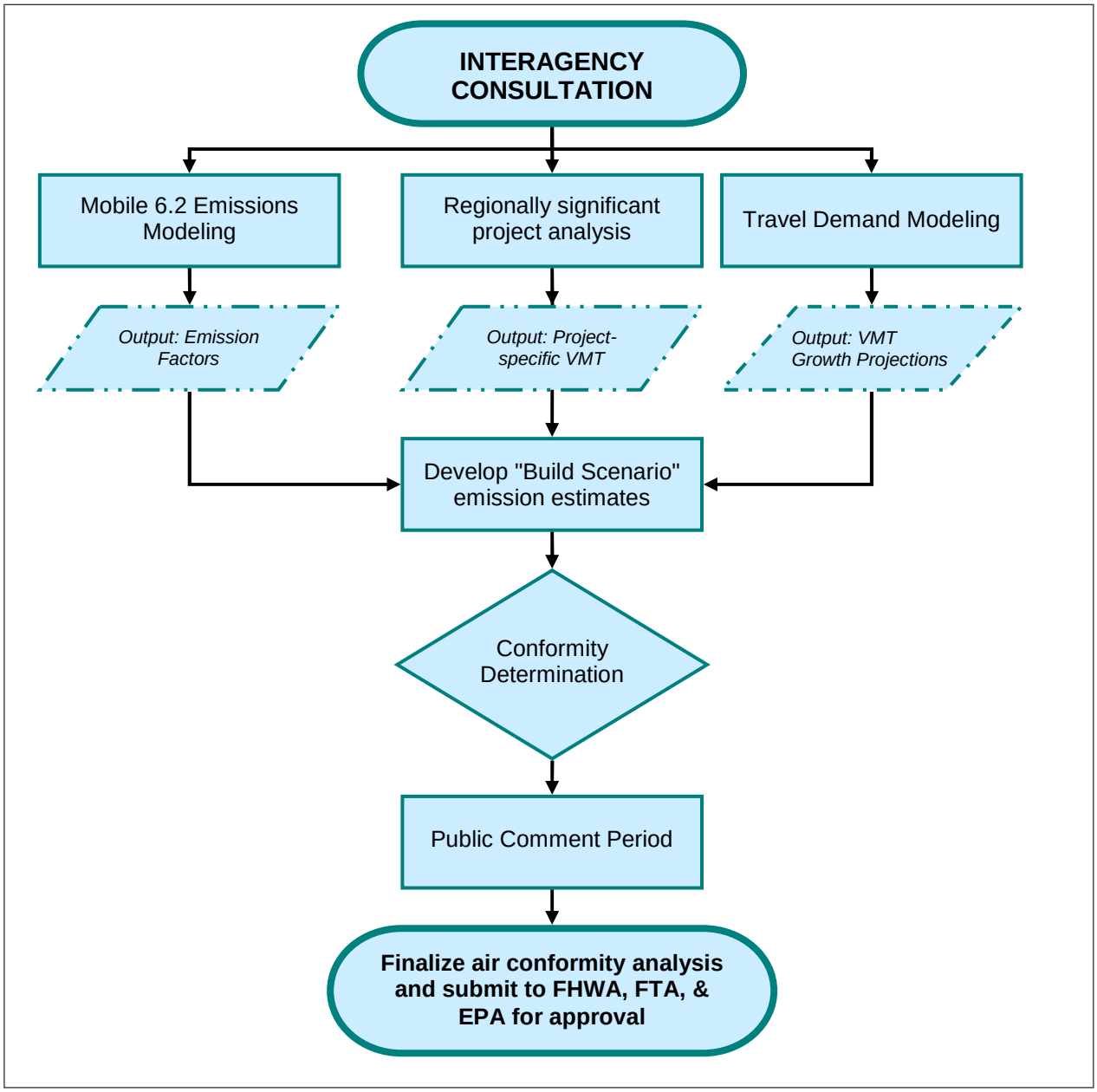
Travel Demand Modeling

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 REMI[6] (Regional Economic Models, Inc.) model. Data from both the statewide (MaineDOT) and PACTS model are combined to provide estimates of VMT growth for the maintenance areas. The PACTS model provides growth estimates for all municipalities or portions of municipalities

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

within the Portland Metropolitan Planning Area. The Statewide model provides the growth estimates for all other municipalities in Portland and Midcoast areas.

Figure 3: Conformity Process Flow



Statewide Travel Demand Model

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

development of the model, MaineDOT reviewed population increases in states that provide the largest number of visitors to Maine (Massachusetts, Connecticut, Rhode Island, New York, and New Jersey) and projected growth in service employment in order generate an estimate of recreational and seasonal trips.

PACTS Travel Demand Model

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

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

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

VMT Estimates

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

Mobile 6.2 Emissions Modeling

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

As part of a cooperative agreement with MaineDOT, MaineDEP performed the MOBILE6.2 model analysis and conformity calculations. EPA Region 1 provided guidance on the setup and

[7] The base year VMT for this conformity determination is 2005. VMT estimates for all highways in the State were generated using actual traffic counts taken during the 2005 calendar year. Base year VMT estimates for 2006 were not yet available when the analysis began.

use of the MOBILE6.2 emissions model and reviewed the MOBILE6.2 input files that were used 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. Please note, MaineDOT acknowledges there are a number of incorrect "Program Information Comments" in the MOBILE6.2 input files. These incorrect references relate to identifying urban roadway type "Urban Other Freeways" or "FC-12" as an arterial roadway. In MOBILE6.2 Urban Interstate (FC-11) and Urban Other Freeways (FC-12) roadway types are both modeled as 92% freeway and 8% freeway plus ramp. The actual model inputs are correct. Roadway FC-12 was modeled as freeway plus ramp. There are no input errors in the MOBILE6.2 modeling done for the *Connecting Maine* air quality conformity analysis.

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

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

The ATP modeled in the conformity analysis includes 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 only[8].

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 counties[9].

Maine LEV (Low Emission Vehicles)

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

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

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 II[11]. MaineDEP makes adjustments for vapor recovery system efficiency (86%) and Stage II station throughput for the three counties.

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

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

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

Public Comment

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

Connecting Maine, Maine's 2030 Long-Range Transportation Plan is available on the web at http://www.maine.gov/mdot-stage/connectingmaine/. The 2008-2011 STIP is available on the web at http://www.maine.gov/mdot/planning-documents/planning-docs-home.php.

[11] Maine Department of Environmental Protection. 06-096 CMR Chapter 118. G*asoline Dispensing Facilities Vapor Control.* As amended July 25, 1995.

CONFORMITY TESTS

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

EPA's conformity rule requires that emissions in the "Build" scenario must be less than or equal to the MVEBs for the last year of the maintenance plan. The last year of Maine's maintenance plan for the Portland and Midcoast areas is 2016. The 2016 MVEBs are listed 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 2009 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 2009 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		NOx	
		kg/day	tons/day	kg/day	tons/day
Portland	Build Emissions < or = 2007 MVEBs[12]	18,253.15	20.115	36,200.54	39.893
	Build Emissions < or = 2016 MVEBs[13]	15,117.06	16.659	29,797.64	32.837
Midcoast	Build Emissions < or = 2002 Baseline Emissions[14]	6,185.12	6.816	10,269.51	11.317
	Build Emissions < or = 2016 MVEBs	3,414.70	3.763	5,666.97	6.245

In order for the plan or program to conform to the SIP, the analysis must pass the applicable tests for each analysis year. The analysis years for the Portland and Midcoast areas are 2009, 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 "PACTS MODEL" were accounted for by the PACTS regional travel demand model. 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

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

significant projects in the 08-11 STIP, the 08-11 PACTS and KACTS TIPs, *Connecting Maine*, *Destination Tomorrow*, and the *KACTS MPO Long-Range Transportation Plan 2006-2030* is, therefore, reflected in the conformity tests in Tables 5 and 6.

Table 3: Portland Area Project Emission Reductions

Portland Area Project Emissions (kg per summer day)								
	2009		2016		2025		2030	
PIN #	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
9215.7	PACTS MODEL							
11086	PACTS MODEL							
12799	2.495	1.036	1.885	0.650	1.774	0.465	2.721	0.635
14130	14.504	-3.529	13.139	-0.753	11.628	8.515	13.064	10.166
14813	PACTS MODEL							
15634	PACTS MODEL							
16004	0	0	-0.018	-0.197	-0.036	-0.148	-0.055	-0.154
16121	0	0	13.020	4.757	11.578	10.181	13.779	12.163
16122	0	0	0.411	0.348	0.284	0.252	0.275	0.233
16152	0.380	0.349	0.371	0.319	0.257	0.231	0.252	0.214
16153	0.432	0.393	0.425	0.365	0.294	0.264	0.288	0.244
16154	0	0	0.550	0.472	0.381	0.342	0.373	0.317
16155	0.307	0.282	0.289	0.249	0.200	0.180	0.196	0.167
16156	0	0	0	0	0	0	0	0
16157	0	0	0	0	0	0	0	0
16158	0.078	0.070	0.049	0.041	0.034	0.030	0.033	0.028
Total	**18.196**	**-1.399**	**30.121**	**6.251**	**26.395**	**20.314**	**30.926**	**24.013**

Table 4: Midcoast Area Project Emission Reductions

Midcoast Area Project Emissions (kg per summer day)								
	2009		2016		2025		2030	
PIN #	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
16123	5.855	3.505	3.794	1.851	4.140	3.761	4.938	5.167
16158	0.600	0.528	0.372	0.311	0.257	0.225	0.248	0.208
Total	**6.455**	**4.033**	**4.166**	**2.162**	**4.397**	**3.986**	**5.186**	**5.376**

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	2009		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	16.612	32.476	11.024	16.530	8.099	9.076	8.067	7.886
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	2009		2016		2025		2030	
	VOC	NOx	VOC	NOx	VOC	NOx	VOC	NOx
Build	3.328	5.578	2.167	2.780	1.555	1.611	1.523	1.399
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 08-11 STIP, *Connecting Maine*, and the MPO plans and TIPs do not contain any transportation projects that significantly increase the number of diesel vehicles within the Presque Isle PM_{10} maintenance area. Thus, a PM_{10} 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 PM_{10} hot-spot determination is not required, the conditions for the Presque Isle PM_{10} maintenance area have also been satisfied. Therefore, the 08-11 STIP, the 08-11 PACTS and KACTS TIPs, *Connecting Maine*, *Destination Tomorrow*, and the *KACTS MPO Long-Range Transportation Plan 2006-2030* 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
9215.70	Portland - Ocean Gateway Site Work	Portland	A-2
11086.00	Yarmouth - I-295 Exit 15 Improvements and Park & Ride Lot	Portland	A-2
12799.00	Sanford - Route 109 and Route 4 Roundabout	Portland	A-3
14130.00	Augusta - Augusta Intermodal Facility	Portland[1]	A-4
14813.00	Old Orchard Beach - Route 5 Halfway Rotary	Portland	A-7
15634.00	Portland - I-295 Exits 7 & 8 Improvements	Portland	A-7
16004.00	Portland - International Marine Terminal Reconstruction	Portland	A-8
16121.00	Portland - Portland Transportation Center Parking Garage	Portland	A-9
16122.00	Wells - Shoreline Explorer Park & Ride Lot	Portland	A-12
16123.00	Trenton - Acadia Welcome Center	Midcoast	A-13
16152.00	Auburn - Park & Ride Lot	Portland[1]	A-14
16153.00	Brunswick - Park & Ride Lot	Portland	A-15
16154.00	Gorham - Park & Ride Lot	Portland	A-16
16155.00	New Gloucester - Park & Ride Lot	Portland	A-17
16156.00	Bath - Passenger Rail Station Parking Lot	Portland	A-18
16157.00	Bath - Park and Ride Facility Improvements	Portland	A-18
16158.00	Rockland - Park & Ride Lot	Midcoast	A-19

Notes

[1] Both the Augusta Intermodal Facility and the Auburn park and ride lot are located outside the 8-Hour Ozone Maintenance Areas; however, it is anticipated that both projects will affect VMT in the Portland Area

PIN 9215.70, Portland - Ocean Gateway Site Work Project Analysis

Summary:

PIN 9215.70 includes the design and construction of landside improvements, including roads, drives, lighting and traffic signals to accommodate traffic movements associated with the Ocean Gateway facility. The existing and future VMT associated with the Ocean Gateway project is accounted for in the PACTS Travel Demand Model.

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. The project also includes preliminary engineering for 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 construction of the northbound on ramp and park and ride lot is not funded under this PIN and, therefore, is not included in the project analysis.

PIN 12799.00, Sanford - Route 109 and Route 4 Roundabout Project Analysis

Summary:

PIN 12799.00 includes the construction of a two lane roundabout at the intersection of Route 4 and Route 109 in Sanford.

Table A-2: PIN 12799.00 Project Analysis

Year	VHT Reduced	Emissions Projections			
	Delay reduction veh hrs/summer day	Idle Emissions Factors[1] (grams/hour)		Emissions[2] (kg/day)	
		VOCs	NOx	**VOCs**	**NOx**
2009	175	14.258	5.922	**2.495**	**1.036**
2016	228	8.268	2.852	**1.885**	**0.650**
2025	273	6.497	1.702	**1.774**	**0.465**
2030	425	6.403	1.495	**2.721**	**0.635**

Notes

[1] Idle emissions factors were generated using EPA's method of multiplying 2.5 mile-per-hour speed emission factors from the Mobile 6.2 Model by 2.5.

[2] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 14130.00, Augusta - Augusta Intermodal Facility

Summary:

PIN 14130.00 includes the purchase of 10 KV CAP buses for connection to the new Augusta Intermodal Facility offering bus service (Concord Trailways) to Portland, Bangor, and Boston, MA.

Table A-3.1: PIN 14130.00 Project Analysis - Cumberland County

Year	VMT Created[1] (HDDBT)				VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day[2]	Miles/Trip	Bus Miles Traveled/Day[3]	Bus Passengers/ Day	Trips/Day[4]	VMT/Day[5]	HDDBT Emission Factors[6] (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)[7]		Emissions[8] (kg/day)	
							VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	6	72	432	265	162	10065	0.242	11.704	0.768	0.705	**7.622**	**2.035**
2016	8	72	576	351	216	13368	0.162	9.377	0.450	0.447	**5.918**	**0.572**
2025	11	72	792	459	281	17442	0.155	1.961	0.308	0.325	**5.247**	**4.116**
2030	13	72	936	532	326	20220	0.156	1.373	0.300	0.302	**5.927**	**4.818**

Table A-3.2: PIN 14130.00 Project Analysis - Sagadahoc County

Year	VMT Created (HDDBT)				VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day	Miles/Trip	Bus Miles Traveled/Day	Bus Passengers/ Day	Trips/Day	VMT/Day	HDDBT Emission Factors (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)		Emissions (kg/day)	
							VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	6	36	216	265	162	5844	0.204	21.751	0.418	0.765	**2.397**	**-0.228**
2016	8	36	288	351	216	7762	0.162	9.377	0.455	0.447	**3.485**	**0.768**
2025	11	36	396	459	281	10128	0.155	1.961	0.311	0.325	**3.091**	**2.515**
2030	13	36	468	532	326	11741	0.156	1.373	0.301	0.302	**3.460**	**2.901**

PIN 14130.00, Augusta - Augusta Intermodal Facility

Table A-3.3: PIN 14130.00 Project Analysis - York County

Year	VMT Created (HDDBT)				VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day	Miles/Trip	Bus Miles Traveled/Day	Bus Passengers/ Day	Trips/Day	VMT/Day	HDDBT Emission Factors (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)		Emissions (kg/day)	
							VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	6	78	468	265	162	6331	0.204	21.751	0.723	0.765	**4.485**	**-5.336**
2016	8	78	624	351	216	8409	0.162	9.377	0.456	0.447	**3.736**	**-2.094**
2025	11	78	858	459	281	10972	0.155	1.961	0.312	0.325	**3.290**	**1.884**
2030	13	78	1014	532	326	12719	0.156	1.373	0.301	0.302	**3.677**	**2.447**

Table A-3.4: PIN 14130.00 Project Analysis - Total All Counties

Year	VMT Created (HDDBT)				VMT Reduced (commuter vehicles)		Emissions Projections	
	Additional Trips/Day[2]	Miles/Trip	Bus Miles Traveled/Day	Bus Passengers/ Day	Trips/Day	VMT/Day	Emissions (kg/day)	
							VOC	**NOx**
2009	6	186	1116	265	162	22239	**14.504**	**-3.529**
2016	8	186	1488	351	216	29539	**13.139**	**-0.753**
2025	11	186	2046	459	281	38541	**11.628**	**8.515**
2030	13	186	2418	532	326	44680	**13.064**	**10.166**

Notes

[1] Assumes Concord Trailways buses are Heavy Duty Diesel Transit and Urban Buses (HDDBT).

[2] Buses will make six round trips per day to Boston, stopping in Portland in both directions. Assumes ridership will increase by 5% per year until 2013 and 5% per year thereafter. Ridership projections based on a baseline of 252 riders per day (6 buses @ 75% occupancy) in 2008.

[3] Assumes each bus will travel approximately 186 miles round-trip (Richmond to Kittery via I-95 and I-295) in the Portland 8-hour Ozone Maintenance Area.

[4] Assumes an average of 1.63 passengers/vehicle based on the 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS) average vehicle occupancy rate for all trip categories.

[5]Assumes 50% of riders would otherwise board the bus in Portland saving 88 miles (52 miles in Cumberland and 36 miles in Sagadahoc) round-trip per vehicle and 50% of riders would make the trip directly to Boston saving 186 miles (72 miles in Cumberland, 36 miles in Sagadahoc, and 78 miles in York) round-trip.

[6] Assumes an average speed of all vehicles of 61 MPH.

[7] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[8] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

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 16004.00, Portland - International Marine Terminal (IMT) Reconstruction Project Analysis

Summary:

PIN 16004.00 includes various infrastructure improvements, including seawall and deck reconstruction, at the International Marine Terminal in Portland.

Table A-4: PIN 16004.00 Project Analysis

Year	VMT Created (HDDV8b)		Emissions Projections			
	Additional Trips/Day[1,2]	Truck Miles Traveled/Day[3,4]	Emission Factors[5,6] (grams/mile)		Emissions[7] (kg/day)	
			VOC	NOx	VOC	NOx
2009	0	0	0	0	**0**	**0**
2016	1.068	64	0.276	3.076	**-0.018**	**-0.197**
2025	2.518	151	0.236	0.977	**-0.036**	**-0.148**
2030	4.055	243	0.227	0.635	**-0.055**	**-0.154**

Notes

[1] Assumes cargo port improvements will result in a 10% increase in trucks per year beginning in 2009.

[2] IMT currently handles approximately 2000 Truck per year; thus, a 10% increase per year = 200 additional trucks in 2009, 390 in 2016, 919 in 2025, and 1480 in 2030.

[3] Assumes all trucks travel an average of 30 miles to reach IMT (60 miles round trip).

[4] Assumes 100% of VMT increase occurs in the Portland Ozone Maintenance Area.

[5] Assumes an average speed of all trucks of 41 MPH.

[6] Assumes all trucks are Heavy Duty Diesel Vehicles with a GVWR greater than 60,00 lbs. (HDDV8b).

[7] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16121.00, Portland - Portland Transportation Center (PTC) Parking Garage

Summary:

PIN 16121.00 includes the construction of a 500 space parking garage at the Portland Transportation Center (PTC). The additional parking spaces are expected to increase the ridership of the transit services (bus and rail) at the PTC.

Table A-5.1: 16121.00 Project Analysis - Cumberland County

Year	VMT Created[1,2,3] (HDDBT)					VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day[4,5]		Miles/Trip		Bus Miles Traveled/Day[6]	Occupied Parking Spaces	VMT/Day	HDDBT Emission Factors[7] (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)[8]		Emissions[9] (kg/day)	
	South	North	South	North				VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	0	0	0	0	0	0	0	0	0	0	0	**0**	**0**
2016	8	1	20	52	212	298	6820	0.162	9.377	0.450	0.447	**3.032**	**1.060**
2025	10	1	20	52	252	389	8899	0.155	1.961	0.308	0.325	**2.701**	**2.398**
2030	12	2	20	52	344	478	10945	0.156	1.373	0.300	0.302	**3.233**	**2.831**

Table A-5.2: 16121.00 Project Analysis - Sagadahoc County

Year	VMT Created (HDDBT)			VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day	Miles/Trip	Bus Miles Traveled/Day	Occupied Parking Spaces	VMT/Day	HDDBT Emission Factors (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)		Emissions (kg/day)	
						VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	0	0	0	0	0	0	0	0	0	**0**	**0**
2016	1	36	36	298	966	0.162	9.377	0.455	0.447	**0.434**	**0.094**
2025	1	36	36	389	1260	0.155	1.961	0.311	0.325	**0.387**	**0.339**
2030	2	36	72	478	1550	0.156	1.373	0.301	0.302	**0.455**	**0.369**

PIN 16121.00, Portland - Portland Transportation Center (PTC) Parking Garage

Table A-5.3: 16121.00 Project Analysis - York County

Year	VMT Created (HDDBT)			VMT Reduced (commuter vehicles)		Emissions Projections					
	Additional Trips/Day	Miles/Trip	Bus Miles Traveled/Day	Occupied Parking Spaces	VMT/Day	HDDBT Emission Factors (grams/mile)		Commuter Vehicle Emission Factors (grams/mile)		Emissions (kg/day)	
						VOC	NOx	VOC	NOx	VOC	NOx
2009	0	0	0	0	0	0	0	0	0	**0**	**0**
2016	8	78	624	298	21158	0.162	9.377	0.456	0.447	**9.554**	**3.603**
2025	10	78	780	389	27607	0.155	1.961	0.312	0.325	**8.491**	**7.444**
2030	12	78	936	478	33953	0.156	1.373	0.301	0.302	**10.090**	**8.963**

Table A-5.4: 16121.00 Project Analysis - Total All Counties

Year	VMT Created (HDDBT)					VMT Reduced (commuter vehicles)		Emissions Projections	
	Additional Trips/Day		Miles/Trip		Bus Miles Traveled/Day	Occupied Parking Spaces	VMT/Day	Emissions (kg/day)	
	South	North	South	North				VOC	NOx
2009	0	0	0	0	0	0	0	**0**	**0**
2016	8	1	98	88	872	298	28944	**13.020**	**4.757**
2025	10	1	98	88	1068	389	37766	**11.578**	**10.181**
2030	12	2	98	88	1352	478	46447	**13.779**	**12.163**

Notes

[1] Assumes Concord Trailways buses are Heavy Duty Diesel Transit and Urban Buses (HDDBT).

[2] Assumes 50% (or 250 of 500) of spaces will be occupied in 2012 and 5% growth rate until 2015 and 3% growth per year thereafter.

[3] Assumes additional train passengers would be accommodated by current Amtrak service.

[4] Assumes 82% of all travelers at the PTC are bound for Boston and 9% are bound for points south of Portland to NH. The remaining 9% are traveling north to Bangor. Assumes 24% of all southbound passengers are traveling by train. The remaining 76% are traveling by bus.

[5] Number of additional bus trips based on occupied parking spaces. Assumes an average of 1.63 passengers/vehicle based on the 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS) average vehicle occupancy rate for all trip categories. Assumes 1 new bus trip is added for every 42 passengers (298 spaces x 1.63 passengers/vehicle - Train passengers ÷ 42 passengers/bus = 9 additional bus trips in 2016)

PIN 16121.00, Portland - Portland Transportation Center (PTC) Parking Garage

[6] Mileage from Portland to Kittery equals approximately 49 miles. Mileage from Portland to Richmond (northern boundary of maintenance area along I-295) equals approximately 44 miles.

[7] Assumes an average speed of all vehicles of 61 MPH.

[8] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[9] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16122.00, Wells - Shoreline Explorer Park and Ride Lot Project Analysis

Summary:

PIN 16122.00 includes the construction of a park and ride in Wells for commuters and riders of the Shoreline Explorer.

Table A-6: PIN 16122.00 Project Analysis

Year	VMT Reduced[2] (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1]	Vehicle Miles Traveled/Day[3]	Commuter Vehicle Emission Factors[4,5] (grams/mile)		Emissions[6] (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2009	0	0	0	0	**0**	**0**
2016	38	839	0.490	0.414	**0.411**	**0.348**
2025	38	839	0.339	0.300	**0.284**	**0.252**
2030	38	839	0.328	0.278	**0.275**	**0.233**

Notes

[1] Assumes new lot will be 75% occupied (38 out of 50 spaces) by 2016.

[2] Assumes 50% of lot users will be commuters and 50% will be Shoreline Explorer riders.

[3] Assumes an average trip length of 12.08 miles (24.16 miles round-trip) for work trips based on 2001 Federal Highway Administration (FHWA), National Household Travel Survey (NHTS) and an average round-trip length of 20 miles for the Sanford Ocean Shuttle.

[4] Assumes personal vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16123.00, Trenton - Acadia Gateway Center (AGC) Project Analysis

Summary:

PIN 16123.00 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-7: PIN 16123.00 Project Analysis

Year	VMT Created (Propane Buses)			VMT Reduced/Day (commuter 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)		Commuter Vehicle Emission Factors[8] (grams/mile)		Emissions (kg/day)	
						VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	36	8	1184	10335	1092	3.502	3.897	0.875	0.711	**5.855**	**3.505**
2016	75	8	2354	12711	1092	1.527	1.663	0.535	0.418	**3.794**	**1.851**
2025	79	8	2474	16585	1092	0.952	0.646	0.367	0.303	**4.140**	**3.761**
2030	81	8	2534	19226	1092	0.896	0.208	0.355	0.280	**4.938**	**5.167**

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 commuter and tourist vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

PIN 16152.00, Auburn - Park and Ride Lot Project Analysis

Summary:

PIN 16152.00 includes the construction of a park and ride at the Auburn Intermodal Facility serving commuters traveling to Portland.

Table A-8: PIN 16152.00 Project Analysis

Year	VMT Reduced (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1,2]	Vehicle Miles Traveled/Day[3]	Commuter Vehicles Emission Factors[4,5] (grams/mile)		**Emissions[6] (kg/day)**	
			VOC	NOx	**VOC**	**NOx**
2009	9	495	0.768	0.705	**0.380**	**0.349**
2016	14	770	0.482	0.414	**0.371**	**0.319**
2025	14	770	0.334	0.300	**0.257**	**0.231**
2030	14	770	0.327	0.278	**0.252**	**0.214**

Notes

[1] Assumes new lot will be 50% occupied (15 out of 30 spaces) in 2009 and 75% occupied (23 spaces) by 2016.

[2] Assumes 60% of users (14 vehicles) will travel to Portland (inside the Portland Maintenance Area) and 40% of users will travel to points outside the maintenance area.

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

[4] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16153.00, Brunswick - Park and Ride Lot Project Analysis

Summary:

PIN 16153.00 includes the construction of a park and ride lot in Brunswick for commuters and Go Maine riders traveling to Portland or Augusta. The construction of the lot will correspond with the purchase of 1 additional Go Maine van.

Table A-9: PIN 16153.00 Project Analysis

Year	VMT Created (LDGT2)		VMT Reduced[5] (personal vehicles)		Emissions Reduced					
	Additional Trips/Day	Van Miles Traveled/Day	Reduced Trips/Day[1]	Vehicle Miles Traveled/Day	LDGT2 Emission Factors[2,4] (grams/mile)		Commuter Vehicles Emission Factors[3] (grams/mile)		**Emissions[6] (kg/day)**	
					VOC	NOx	VOC	NOx	**VOC**	**NOx**
2009	1	40	15	600	0.718	0.743	0.768	0.705	**0.432**	**0.393**
2016	1	40	23	920	0.463	0.400	0.482	0.414	**0.425**	**0.365**
2025	1	40	23	920	0.334	0.301	0.334	0.300	**0.294**	**0.264**
2030	1	40	23	920	0.335	0.288	0.327	0.278	**0.288**	**0.244**

Notes

[1] Assumes new lot will be 50% occupied (15 out of 30 spaces) in 2009 and 75% occupied (23 spaces) by 2016.

[2] Assumes Go Maine vans are Light Duty Gasoline Trucks 2 (LDGT2).

[3] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[4] Assumes an average speed of all vehicles of 41 MPH.

[5] VMT will be reduced in the Portland Maintenance Area (does not count VMT reductions outside of maintenance area).

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16154.00, Gorham - Park and Ride Lot Project Analysis

Summary:

PIN 16154.00 includes the construction of a park and ride adjacent to the Gorham Bypass.

Table A-10: PIN 16154.00 Project Analysis

Year	VMT Reduced (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1,2]	Vehicle Miles Traveled/Day[3]	Commuter Vehicle Emission Factors[4,5] (grams/mile)		Emissions[6] (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2009	0	0	0	0	**0**	**0**
2016	38	1140	0.482	0.414	**0.550**	**0.472**
2025	38	1140	0.334	0.300	**0.381**	**0.342**
2030	38	1140	0.327	0.278	**0.373**	**0.317**

Notes

[1] Assumes new lot will be 75% occupied (38 out of 50 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 commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16155.00, New Gloucester - Park and Ride Lot Project Analysis

Summary:

PIN 16155.00 includes the construction of a park and ride in New Gloucester.

Table A-11: PIN 16155.00 Project Analysis

Year	VMT Reduced (personal vehicles)		Emissions Projections			
	Reduced Trips/Day[1,2]	Vehicle Miles Traveled/Day[3]	Commuter Vehicle Emission Factors[4,5] (grams/mile)		Emissions[6] (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2009	8	400	0.768	0.705	**0.307**	**0.282**
2016	12	600	0.482	0.414	**0.289**	**0.249**
2025	12	600	0.334	0.300	**0.200**	**0.180**
2030	12	600	0.327	0.278	**0.196**	**0.167**

Notes

[1] Assumes new lot will be 50% occupied (8 out of 30 spaces) in 2009 and 75% occupied (12 spaces) by 2016.

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

[3] Assumes an average round-trip length of 50 miles.

[4] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16156.00, Bath - Passenger Rail Station Parking Lot Project Analysis

Summary:

PIN 16156.00 includes the rehabilitation and repaving of the existing parking lot adjacent to the recently renovated Bath passenger rail station. No additional parking spaces will be added as a result of this project; therefore, no additional vehicle trips are expected. The project is not expected to increase or decrease VMT or ridership of the Brunswick to Rockland trains.

PIN 16157.00, Bath - Park and Ride Facility Improvements Project Analysis

Summary:

PIN 16157.00 includes minor rehabilitation (grading and drainage improvements) of the existing unpaved Bath park and ride lot. No additional parking spaces will be added as a result of this project. The improvements are also not expected to increase the occupancy rate of existing spaces; therefore, no additional vehicle trips are expected. The project is not expected to increase or decrease VMT.

PIN 16158.00, Rockland - Park and Ride Lot Project Analysis

Summary:

PIN 16158.00 includes the construction of a park and ride in Rockland for commuters traveling between Rockland, Augusta, Bath, and beyond.

Table A-12.1: PIN 16158.00 Project Analysis - Portland 8-Hour Maintenance Area[1]

Year	VMT Reduced (commuter vehicles)		Emissions Projections			
	Reduced Trips/Day[2]	Vehicle Miles Traveled/Day[3]	Commuter Vehicle Emission Factors[4,5] (grams/mile)		Emissions[6] (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2009	5	100	0.780	0.705	**0.078**	**0.070**
2016	5	100	0.489	0.414	**0.049**	**0.041**
2025	5	100	0.338	0.300	**0.034**	**0.030**
2030	5	100	0.328	0.278	**0.033**	**0.028**

Notes

[1] Project will affect VMT in both the Portland and Midcoast 8-hour Ozone Maintenance Areas. This analysis includes includes VMT changes in the Portland Area only.

[2] Assumes new lot will be 50% occupied (15 out of 30 spaces) by 2009. Assumes 5 vehicles will travel to Bath and beyond.

[3] Assumes an average 20 miles round trip in the Portland Maintenance Area.

[4] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34).

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

PIN 16158.00, Rockland - Park and Ride Lot Project Analysis (Continued)

Summary:

PIN 16158.00 includes the construction of a park and ride in Rockland for commuters traveling between Rockland, Augusta, Bath, and beyond.

Table A-12.2: PIN 16158.00 Project Analysis - Midcoast 8-Hour Maintenance Area[1]

Year	VMT Reduced (commuter vehicles)		Emissions Projections			
	Reduced Trips/Day[2]	Vehicle Miles Traveled/Day[3]	Commuter Vehicle Emission Factors[4,5] (grams/mile)		Emissions[6] (kg/day)	
			VOC	NOx	**VOC**	**NOx**
2009	15	750	0.800	0.705	**0.600**	**0.528**
2016	15	750	0.496	0.414	**0.372**	**0.311**
2025	15	750	0.343	0.300	**0.257**	**0.225**
2030	15	750	0.330	0.278	**0.248**	**0.208**

Notes

[1] Project will affect VMT in both the Portland and Midcoast 8-hour Ozone Maintenance Areas. This analysis includes VMT changes within the Midcoast Area only.

[2] Assumes new lot will be 50% occupied (15 out of 30 spaces) by 2016. Assumes 15 vehicles will travel to Augusta, Bath, destinations within the Midcoast Area, and beyond.

[3] Assumes an average 50 miles round trip in the Midcoast Maintenance Area.

[4] Assumes commuter vehicles include gasoline- and diesel-powered passenger cars, SUVs, and pickup trucks (LDGV, LDGT1, LDGT2, LDGT3, LDGT4, LDDV, LDDT12, and LDDT34)

[5] Assumes an average speed of all vehicles of 41 MPH.

[6] Positive number denotes an emissions decrease. Negative number denotes an emissions increase.

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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	1.90%	24,577	0.37%	12,446
03	AROOSTOOK	3.05%	8,951	0.26%	7,078
05	CUMBERLAND	3.15%	83,434	0.36%	41,452
07	FRANKLIN	3.98%	7,382	0.39%	5,418
09	HANCOCK	3.81%	18,181	0.30%	7,948
11	KENNEBEC	2.44%	29,247	0.42%	21,311
13	KNOX	5.95%	9,966	0.39%	5,287
15	LINCOLN	2.21%	8,018	0.23%	3,341
17	OXFORD	2.61%	18,459	0.33%	7,515
19	PENOBSCOT	2.43%	59,006	0.48%	29,468
21	PISCATAQUIS	2.85%	2,213	0.08%	505
23	SAGADAHOC	0.97%	9,255	0.27%	4,742
25	SOMERSET	2.61%	23,174	0.50%	12,494
27	WALDO	2.17%	15,258	0.52%	7,926
29	WASHINGTON	1.34%	19,853	0.42%	6,949
31	YORK	1.66%	59,693	0.48%	39,154

CODE	COUNTY	Growth Factor 1995 to 2030
01	ANDROSCOGGIN	1.458
03	AROOSTOOK	1.673
05	CUMBERLAND	1.719
07	FRANKLIN	1.901
09	HANCOCK	1.842
11	KENNEBEC	1.582
13	KNOX	2.319
15	LINCOLN	1.490
17	OXFORD	1.598
19	PENOBSCOT	1.594
21	PISCATAQUIS	1.589
23	SAGADAHOC	1.242
25	SOMERSET	1.635
27	WALDO	1.545
29	WASHINGTON	1.348
31	YORK	1.426

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ANNUAL VMT PROJECTIONS

Annual VMT Projections

	Androscoggin	Cumberland	Hancock	Knox	Lincoln	Sagadahoc	Waldo	York
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	952,719,290	3,183,984,962	706,938,685	380,130,179	398,371,071	465,684,817	409,462,137	2,298,680,134
2007	960,257,939	3,208,278,074	712,082,744	383,135,787	400,640,128	468,265,664	413,965,898	2,319,508,783
2008	967,796,753	3,230,601,615	717,226,981	386,141,035	402,908,787	470,846,246	418,467,699	2,335,694,386
2009	975,335,567	3,252,925,157	722,371,217	389,146,284	405,177,446	473,426,828	422,969,499	2,351,879,989
2010	982,342,795	3,276,815,733	727,101,827	391,949,967	407,257,056	475,827,643	427,162,261	2,368,300,410
2011	989,350,024	3,300,706,309	731,832,437	394,753,651	409,336,667	478,228,459	431,355,022	2,384,720,832
2012	996,357,253	3,324,596,885	736,563,048	397,557,334	411,416,278	480,629,274	435,547,784	2,401,141,254
2013	1,003,364,481	3,348,487,461	741,293,658	400,361,018	413,495,889	483,030,089	439,740,545	2,417,561,676
2014	1,010,371,710	3,372,378,037	746,024,268	403,164,701	415,575,499	485,430,905	443,933,307	2,433,982,098
2015	1,017,378,938	3,396,268,613	750,754,878	405,968,385	417,655,110	487,831,720	448,126,068	2,450,402,520
2016	1,024,386,167	3,420,159,188	755,485,488	408,772,068	419,734,721	490,232,535	452,318,830	2,466,822,942
2017	1,028,203,886	3,434,792,171	757,734,341	410,366,364	420,680,043	491,554,752	454,657,358	2,478,683,644
2018	1,032,021,605	3,449,425,153	759,983,194	411,960,659	421,625,364	492,876,970	456,995,887	2,490,544,345
2019	1,035,839,323	3,464,058,135	762,232,047	413,554,954	422,570,686	494,199,187	459,334,415	2,502,405,047
2020	1,039,657,042	3,478,691,117	764,480,899	415,149,250	423,516,008	495,521,404	461,672,944	2,514,265,749
2021	1,043,474,761	3,493,324,100	766,729,752	416,743,545	424,461,329	496,843,621	464,011,473	2,526,126,450
2022	1,047,292,480	3,507,957,082	768,978,605	418,337,840	425,406,651	498,165,838	466,350,001	2,537,987,152
2023	1,051,110,199	3,522,590,064	771,227,457	419,932,136	426,351,973	499,488,055	468,688,530	2,549,847,854
2024	1,054,927,917	3,537,223,046	773,476,310	421,526,431	427,297,295	500,810,272	471,027,058	2,561,708,555
2025	1,058,745,636	3,551,856,029	775,725,163	423,120,726	428,242,616	502,132,489	473,365,587	2,573,569,257
2026	1,062,563,355	3,570,110,430	777,974,016	424,715,022	429,187,938	503,454,706	475,704,116	2,586,272,166
2027	1,066,381,074	3,588,364,832	780,222,868	426,309,317	430,133,260	504,776,923	478,042,644	2,598,975,074
2028	1,070,198,792	3,606,619,233	782,471,721	427,903,613	431,078,581	506,099,140	480,381,173	2,611,677,983
2029	1,074,016,511	3,624,873,635	784,720,574	429,497,908	432,023,903	507,421,357	482,719,701	2,624,380,892
2030	1,077,834,230	3,643,128,036	786,969,426	431,092,203	432,969,225	508,743,574	485,058,230	2,637,083,800

Actual

Projected

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2005 VMT PER DAY, UNFACTORED AND SEASONALLY FACTORED

2005 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy & Exp. (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
01	Androscoggin	Rural		190,281	50,042		305,923	256,639	130,625	127,452	1,060,962
			1.27	241,657	63,553		388,521	325,933	165,894	161,863	1,347,421
		Urban		164,783	204,784	39,129	587,272	261,898	270,708		1,528,574
			1.14	187,852	233,453	44,607	669,490	298,564	308,608		1,742,574
Total Unfactored				**355,064**	**254,826**	**39,129**	**893,195**	**518,537**	**401,333**	**127,452**	**2,589,536**
Total Seasonally Factored				**429,509**	**297,006**	**44,607**	**1,058,011**	**624,497**	**474,502**	**161,863**	**3,089,995**
03	Aroostook	Rural		204,848	178,531		411,443	390,834	540,470	154,229	1,880,355
			1.21	247,871	216,023		497,846	472,909	653,969	186,618	2,275,236
		Urban		36,576	3,155	6,852	57,102	80,064	88,823		272,572
			1.14	41,696	3,597	7,811	65,096	91,272	101,258		310,730
Total Unfactored				**241,424**	**181,686**	**6,852**	**468,545**	**470,898**	**629,293**	**154,229**	**2,152,927**
Total Seasonally Factored				**289,567**	**219,620**	**7,811**	**562,942**	**564,181**	**755,227**	**186,618**	**2,585,966**
05	Cumberland	Rural		503,963	1,484,858		484,997	461,969	678,136	236,989	3,850,912
			1.28	645,072	1,900,618		620,795	591,321	868,014	303,346	4,929,166
		Urban		418,002	1,259,396	351,851	699,493	917,415	1,159,621		4,805,778
			1.14	476,523	1,435,712	401,111	797,421	1,045,853	1,321,968		5,478,588
Total Unfactored				**921,965**	**2,744,254**	**351,851**	**1,184,490**	**1,379,384**	**1,837,757**	**236,989**	**8,656,690**
Total Seasonally Factored				**1,121,595**	**3,336,330**	**401,111**	**1,418,216**	**1,637,174**	**2,189,982**	**303,346**	**10,407,754**
07	Franklin	Rural		115,178	0		305,063	235,755	305,178	32,043	993,217
			1.33	153,186	0		405,735	313,554	405,887	42,618	1,320,980
Total Unfactored				**115,178**	**0**	**0**	**305,063**	**235,755**	**305,178**	**32,043**	**993,217**
Total Seasonally Factored				**153,186**	**0**	**0**	**405,735**	**313,554**	**405,887**	**42,618**	**1,320,980**
09	Hancock	Rural		302,714	0		391,956	420,242	548,873	258,940	1,922,725
			1.29	390,501	0		505,623	542,112	708,045	334,033	2,480,314
Total Unfactored				**302,714**	**0**	**0**	**391,956**	**420,242**	**548,873**	**258,940**	**1,922,725**
Total Seasonally Factored				**390,501**	**0**	**0**	**505,623**	**542,112**	**708,045**	**334,033**	**2,480,314**
11	Kennebec	Rural		355,382	944,371		138,508	641,228	672,156	200,128	2,951,773
			1.21	430,009	1,142,691		167,594	775,888	813,308	242,156	3,571,646
		Urban		99,059	222,654		22,216	478,579	242,133		1,064,641
			1.14	112,928	253,826		25,326	545,581	276,031		1,213,692
Total Unfactored				**454,441**	**1,167,025**	**0**	**160,724**	**1,119,807**	**914,289**	**200,128**	**4,016,414**
Total Seasonally Factored				**542,937**	**1,396,517**	**0**	**192,920**	**1,321,469**	**1,089,339**	**242,156**	**4,785,338**

2005 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy & Exp. (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
13	Knox	Rural		160,894			232,468	226,412	188,495	107,207	915,476
			1.22	196,291			283,612	276,222	229,966	130,792	1,116,883
		Urban		16,844			51,777	18,464	30,657		117,742
			1.14	19,202			59,026	21,049	34,949		134,226
Total Unfactored				**177,738**	**0**	**0**	**284,245**	**244,876**	**219,152**	**107,207**	**1,033,218**
Total Seasonally Factored				**215,493**	**0**	**0**	**342,638**	**297,271**	**264,915**	**130,792**	**1,251,109**
15	Lincoln	Rural		142,201	0		314,808	178,626	275,886	173,690	1,085,211
			1.29	183,441	0		406,103	230,429	355,893	224,059	1,399,925
Total Unfactored				**142,201**	**0**	**0**	**314,808**	**178,626**	**275,886**	**173,690**	**1,085,211**
Total Seasonally Factored				**183,441**	**0**	**0**	**406,103**	**230,429**	**355,893**	**224,059**	**1,399,925**
17	Oxford	Rural		283,141	0		553,809	166,315	384,113	186,761	1,574,139
			1.27	359,589	0		703,338	211,220	487,826	237,186	1,999,159
		Urban		16,543	0		28,967	7,382	8,957		61,849
			1.14	18,859	0		33,022	8,415	10,211		70,507
Total Unfactored				**299,684**	**0**	**0**	**582,776**	**173,697**	**393,070**	**186,761**	**1,635,988**
Total Seasonally Factored				**378,448**	**0**	**0**	**736,360**	**219,635**	**498,037**	**237,186**	**2,069,666**
19	Penobscot	Rural		271,121	1,058,348		192,001	564,400	687,381	213,837	2,987,088
			1.22	330,768	1,291,183		234,240	688,567	838,603	260,881	3,644,242
		Urban		188,008	406,562		278,400	516,448	292,326		1,681,744
			1.14	214,328	463,481		317,376	588,751	333,253		1,917,189
Total Unfactored				**459,129**	**1,464,910**	**0**	**470,401**	**1,080,848**	**979,707**	**213,837**	**4,668,832**
Total Seasonally Factored				**545,096**	**1,754,664**	**0**	**551,616**	**1,277,318**	**1,171,856**	**260,881**	**5,561,431**
21	Piscataquis	Rural		86,774	0		0	246,783	124,280	42,497	500,334
			1.26	109,337	0		0	310,947	156,590	53,547	630,421
Total Unfactored				**86,774**	**0**	**0**	**0**	**246,783**	**124,280**	**42,497**	**500,334**
Total Seasonally Factored				**109,337**	**0**	**0**	**0**	**310,947**	**156,590**	**53,547**	**630,421**
23	Sagadahoc	Rural		84,845	428,424		232,243	0	214,528	85,842	1,045,882
			1.35	114,540	578,372		313,528	0	289,615	115,887	1,411,942
		Urban		40,084	0	31,143	55,081	20,377	76,211		222,896
			1.14	45,696	0	35,503	62,792	23,230	86,881		254,102
Total Unfactored				**124,929**	**428,424**	**31,143**	**287,324**	**20,377**	**290,739**	**85,842**	**1,268,778**
Total Seasonally Factored				**160,236**	**578,372**	**35,503**	**376,320**	**23,230**	**376,496**	**115,887**	**1,666,044**

2005 Vehicle Miles Travelled Per Day, Unfactored and Seasonally Factored

County Code	County Name	Federal Urban or Rural	Summer Adj Factor	Local (9 & 19)	Principal Arterial Interstate (1 & 11)	Prin. Arterial, Other Frwy & Exp. (12)	Other Principal Arterial (2 & 14)	Minor Arterials (6 & 16)	Major Collectors (7 & 17)	Minor Collectors (8)	Total Classification
25	Somerset	Rural		180,714	299,624		556,474	235,488	443,279	56,043	1,771,622
			1.21	218,666	362,545		673,335	284,941	536,371	67,814	2,143,672
		Urban		12,678	0		79,400	0	33,765		125,843
			1.14	14,453	0		90,516	0	38,492		143,461
Total Unfactored				**193,392**	**299,624**	**0**	**635,874**	**235,488**	**477,044**	**56,043**	**1,897,465**
Total Seasonally Factored				**233,119**	**362,545**	**0**	**763,851**	**284,941**	**574,863**	**67,814**	**2,287,133**
27	Waldo	Rural		159,324	16,123		425,313	0	287,463	101,724	989,947
			1.25	199,157	20,154		531,643	0	359,333	127,159	1,237,446
		Urban		10,977	0		86,411	0	22,140		119,528
			1.14	12,514	0		98,509	0	25,240		136,263
Total Unfactored				**170,301**	**16,123**	**0**	**511,724**	**0**	**309,603**	**101,724**	**1,109,475**
Total Seasonally Factored				**211,671**	**20,154**	**0**	**630,152**	**0**	**384,573**	**127,159**	**1,373,709**
29	Washington	Rural		149,423	0		286,869	257,988	390,392	91,237	1,175,909
			1.24	185,287	0		355,717	319,905	484,086	113,132	1,458,127
Total Unfactored				**149,423**	**0**	**0**	**286,869**	**257,988**	**390,392**	**91,237**	**1,175,909**
Total Seasonally Factored				**185,287**	**0**	**0**	**355,717**	**319,905**	**484,086**	**113,132**	**1,458,127**
31	York	Rural		735,937	1,785,273		507,785	766,247	674,240	323,783	4,793,265
			1.24	912,563	2,213,737		629,654	950,147	836,057	401,491	5,943,649
		Urban		179,662	257,493	26,398	166,144	367,883	449,844		1,447,424
			1.14	204,814	293,542	30,093	189,405	419,387	512,823		1,650,064
Total Unfactored				**915,599**	**2,042,766**	**26,398**	**673,929**	**1,134,130**	**1,124,084**	**323,783**	**6,240,689**
Total Seasonally Factored				**1,117,377**	**2,507,279**	**30,093**	**819,059**	**1,369,534**	**1,348,880**	**401,491**	**7,593,713**
	Statewide	**Rural**	**Unfactored**	**3,926,740**	**6,245,594**	**0**	**5,339,660**	**5,048,926**	**6,545,495**	**2,392,402**	**29,498,817**
			Summer	**4,917,935**	**7,788,876**	**0**	**6,717,284**	**6,294,095**	**8,189,457**	**3,002,582**	**36,910,229**
		Urban	**Unfactored**	**1,183,216**	**2,354,044**	**455,373**	**2,112,263**	**2,668,510**	**2,675,185**	**0**	**11,448,591**
			Summer	**1,348,865**	**2,683,611**	**519,125**	**2,407,979**	**3,042,102**	**3,049,714**	**0**	**13,051,396**

-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
2007	38.72%	36.00%	12.37%	3.56%	0.04%	0.19%	8.28%	0.56%	0.29%	100.00%
2009	35.97%	38.01%	13.05%	3.58%	0.03%	0.19%	8.32%	0.55%	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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Androscoggin County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 01AN
SPREADSHEET        : 01AN

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111111

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

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
```

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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
```

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

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 01ANLEV
SPREADSHEET        : 01ANLEV

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 20 22222 11111111 1 11 096. 12111111

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

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0
```

```
* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
```

```
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Cumberland County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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 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        : 05CD
SPREADSHEET        : 05CD

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111112

I/M PROGRAM        : 1 1999 2025 1 TRC GC
I/M MODEL YEARS    : 1 1974 2025
I/M VEHICLES       : 1 22222 11111111 1
I/M COMPLIANCE     : 1 96.0
I/M GRACE PERIOD   : 1 1

STAGE II REFUELING :
95 3 45. 4.

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]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

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

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

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

```
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

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AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
```

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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 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 59 [FC11]
* 2007 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2009
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]
* 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 55 - Arterial
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*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
```

```
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
```

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* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Cumberland County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
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* 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        : 05CDLEV
SPREADSHEET        : 05CDLEV

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 20 22222 11111111 1 11 096. 12111112

I/M PROGRAM        : 1 1999 2025 1 TRC GC
I/M MODEL YEARS    : 1 1974 2025
I/M VEHICLES       : 1 22222 11111111 1
I/M COMPLIANCE     : 1 96.0
I/M GRACE PERIOD   : 1 1

STAGE II REFUELING :
95 3 45. 4.

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]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
```

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

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

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

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2030 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
```

```
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0
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* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 59 [FC11]
* 2007 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2009
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]
* 2016 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2016
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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 55 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 19 - Arterial
*
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SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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)
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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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Hancock County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 09HK
SPREADSHEET        : 09HK

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111111

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

* FC 6 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2007 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2009 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

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AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2016 Speed 49 mph (49) Minor Arterial [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 [FC6]
* 2025 Speed 49 mph (49) Minor Arterial [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 [FC6]
* 2030 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
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```
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
```

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* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Hancock County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 09HKLEV
SPREADSHEET        : 09HKLEV

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 20 22222 11111111 1 11 096. 12111111

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

* FC 6 - Speed 49 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2007 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2009 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 49 [FC6]
* 2016 Speed 49 mph (49) Minor Arterial [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 [FC6]
* 2025 Speed 49 mph (49) Minor Arterial [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 [FC6]
* 2030 Speed 49 mph (49) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 49 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
```

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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 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Knox County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 13KX
SPREADSHEET        : 13KX

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111111

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

* FC 2 - Speed 53 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2007 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2009 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2016 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2025 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2030 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
```

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* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0
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* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
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* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Knox County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
```

```
*
* 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        : 13KXLEV
SPREADSHEET        : 13KXLEV

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 20 22222 11111111 1 11 096. 12111111

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

* FC 2 - Speed 53 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2007 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2009 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2016 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2025 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

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AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC2]
* 2030 Speed 53 mph (53) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
```

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CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
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* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
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* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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
```

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END OF RUN         :

*********************************************************************

* Run for 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Lincoln County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 15LN
SPREADSHEET        : 15LN

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111111

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

* FC 2 - Speed 51 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2007 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2009 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2016 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2025 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2030 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0
```

```
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
```

```
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Lincoln County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 15LNLEV
SPREADSHEET        : 15LNLEV

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 20 22222 11111111 1 11 096. 12111111

FUEL PROGRAM       : 1
```

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

* FC 2 - Speed 51 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2007 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2009 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2016 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2025 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 51 [FC2]
* 2030 Speed 51 mph (51) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 51 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 53 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2007 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2009 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
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* 2016 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2025 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 53 [FC6]
* 2030 Speed 53 mph (53) Minor Arterial [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 53 Arterial 0.0 100.0 0.0 0.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0
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* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

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

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

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

END OF RUN         :

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* Run for 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Sagadahoc County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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 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        : 23SC
SPREADSHEET        : 23SC

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 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 65 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2016 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
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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 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
```

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* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 55 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
```

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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC16]
* 2007 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
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]
* 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 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0
```

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SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Sagadahoc County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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]
```

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*
* 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

ANTI-TAMP PROG     :
99 83 20 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 65 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

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

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
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* 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 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
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ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 12 - Speed 55 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
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* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 27 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 27 [FC16]
* 2007 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 27 mph (27) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
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]
* 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 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
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```
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Waldo County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 27WO
SPREADSHEET        : 27WO

RUN DATA
EXPRESS HC AS VOC  :
* EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 22222 11111111 1 11 096. 12111111

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

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
```

```
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
```

```
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Waldo County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
```

```
* 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        : 27WOLEV
SPREADSHEET        : 27WOLEV

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 20 22222 11111111 1 11 096. 12111111

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

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
```

```
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

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

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

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

END OF RUN         :

**********************************************************************

* Run for 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* Androscoggin County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 31YK
SPREADSHEET        : 31YK

RUN DATA
EXPRESS HC AS VOC  :
EXPAND EVAPORATIVE :

94+ LDG IMP        : NLEVNE.D

ANTI-TAMP PROG     :
99 83 20 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]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
```

```
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

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

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

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2030 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
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* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2007 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2009 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

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

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

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

* FC 7 - Speed 41 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
```

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

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
```

```
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 59 [FC11]
* 2007 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2009
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]
```

```
* 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 55 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0
```

```
* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
```

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ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
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* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2009
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
```

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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 06-08 STIP and 2030 Long Range Plan Conformity Analysis
* York County - Analysis Years: 2007, 2009, 2016, 2025, and 2030
*
* 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        : 31YKLEV
SPREADSHEET        : 31YKLEV

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 20 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]
* 2007 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2007
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]
* 2009 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

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

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

SCENARIO RECORD    : Scenario Title : ME speed 65 [FC 1]
* 2030 Speed 65 mph (greater than 61) Rural Interstate [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 60.7 Freeway 92.0 0.0 0.0 8.0

* FC 2 - Speed 55 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2007 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2009 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2016 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2016
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EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2025 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC2]
* 2030 Speed 55 mph (55) Other Principal Arterial [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 6 - Speed 47 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2007 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 47 [FC6]
* 2009 Speed 47 mph (47) Minor Arterial [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 47 Arterial 0.0 100.0 0.0 0.0

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

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

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

* FC 7 - Speed 41 - Arterial
*
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SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2007 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2009 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 41 [FC7]
* 2016 Speed 41 mph (41) Rural Major 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 [FC7]
* 2025 Speed 41 mph (41) Rural Major 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 [FC7]
* 2030 Speed 41 mph (41) Rural Major Collector  [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 41 Arterial 0.0 100.0 0.0 0.0

* FC 8 - Speed 35 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2007 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2009 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2016 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2025 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 35 [FC8]
* 2030 Speed 35 mph  (35) Rural Minor Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 35 Arterial 0.0 100.0 0.0 0.0

* FC 9 - Speed 31 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2007 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2009 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2016 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2025 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 31 [FC9]
* 2030 Speed 31 mph  (31) Rural Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 31 Arterial 0.0 100.0 0.0 0.0

* FC 11 - Speed 59 - Freeway
*
SCENARIO RECORD    : Scenario Title : ME speed 59 [FC11]
* 2007 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2007
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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]
* 2009 Speed 59 mph (59) Urban Interstate [Freeway]
CALENDAR YEAR      : 2009
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]
* 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 55 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2007 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2009 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2016 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2025 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
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CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

SCENARIO RECORD    : Scenario Title : ME speed 55 [FC12]
* 2030 Speed 55 mph (55) Urban Principal arterial and Other [Freeway]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 55 Freeway 92.0 0.0 0.0 8.0

* FC 14 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2007 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2009 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2016 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2025 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC14]
* 2030 Speed 19 mph (19) Urban Other Principal Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 16 - Speed 19 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2007 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0
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SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2009 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2016 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2025 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 19 [FC16]
* 2030 Speed 19 mph (19) Urban Minor Arterial[Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 19 Arterial 0.0 100.0 0.0 0.0

* FC 17 - Speed 21 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2007 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2009 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2016 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2025 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
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AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 21 [FC17]
* 2030 Speed 21 mph  (21)  Urban Collector [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 21 Arterial 0.0 100.0 0.0 0.0

* FC 19 - Speed 15 - Arterial
*
SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2007 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2009 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2016 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2016
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2025 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2025
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : ME speed 15 [FC19]
* 2030 Speed 15 mph (15) Urban Local [Arterial]
CALENDAR YEAR      : 2030
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 15 Arterial 0.0 100.0 0.0 0.0

* Idling - Speed 2.5 - Arterial
*
SCENARIO RECORD    : Scenario Title : Idling
* 2007 Speed 0 mph (less than 2.5)
CALENDAR YEAR      : 2007
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

SCENARIO RECORD    : Scenario Title : Idling
* 2009 Speed 0 mph (less than 2.5)
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CALENDAR YEAR      : 2009
EVALUATION MONTH   : 7
ALTITUDE           : 1
AVERAGE SPEED      : 2.5 Arterial 0.0 100.0 0.0 0.0

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

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

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

END OF RUN         :
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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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	340	345	350	366	378	384
7	41	60,910	61,814	62,718	65,658	67,718	68,862
8	35	22,543	22,877	23,212	24,300	25,062	25,486
9	31	26,060	26,447	26,833	28,091	28,972	29,462

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	185,640	188,436	191,231	200,313	206,563	210,035
7	41	41,476	42,101	42,725	44,754	46,151	46,926
9	31	56,488	57,339	58,189	60,953	62,855	63,911
12	55	237,354	241,367	245,381	258,418	267,391	272,376
14	19	54,770	55,696	56,622	59,631	61,701	62,851
16	19	62,832	63,894	64,957	68,408	70,783	72,103
17	21	144,122	146,559	148,996	156,912	162,360	165,387
19	15	43,702	44,441	45,180	47,580	49,232	50,150

Town name: **Cape Elizabeth**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
17	21	68,411	71,240	72,279	74,479	79,867	82,341
19	15	25,352	28,349	27,599	30,094	30,001	31,279

Town name: **Casco**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	63,261	64,214	65,166	68,261	70,391	71,574
6	53	37,590	38,156	38,722	40,561	41,827	42,530
8	35	22,062	22,394	22,727	23,806	24,549	24,961
9	31	22,113	22,446	22,779	23,861	24,605	25,019

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: **Cumberland**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	188,067	191,490	195,377	199,276	211,570	216,711
6	53	21,568	20,964	21,341	22,888	22,948	24,230
7	41	24,616	25,634	26,008	26,799	28,738	29,629
8	35	14,921	16,786	13,747	15,543	15,681	16,441
9	31	13,512	15,109	14,710	16,039	15,990	16,671
11	59	69,247	70,507	71,939	73,374	77,901	79,794
17	21	55,100	57,378	58,216	59,987	64,327	66,320
19	15	13,732	15,355	14,949	16,300	16,250	16,942

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	288,714	293,969	299,936	305,922	324,795	332,687
6	53	28,000	27,215	27,705	29,713	29,791	31,456
7	41	69,732	72,615	73,675	75,917	81,409	83,931
8	35	13,946	15,689	12,848	14,527	14,656	15,366
9	31	28,205	31,539	30,705	33,480	33,377	34,799
11	59	207,809	211,591	215,886	220,195	233,779	239,460
14	19	9,127	8,592	9,071	10,000	10,411	10,172
16	19	25,137	24,433	24,872	26,675	26,745	28,240
17	21	124,563	129,714	131,606	135,611	145,423	149,928
19	15	12,686	14,186	13,810	15,059	15,012	15,652

Town name: **Freeport**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	362,819	369,422	376,921	384,443	408,161	418,078
7	41	41,588	43,308	43,940	45,277	48,552	50,057
8	35	29,925	33,666	27,570	31,172	31,449	32,973
9	31	33,069	36,978	36,000	39,254	39,133	40,800
11	59	83,624	85,146	86,874	88,608	94,075	96,360
17	21	80,253	83,571	84,791	87,371	93,692	96,595
19	15	11,334	12,674	12,339	13,454	13,412	13,984

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:

Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local

Urban: 11=Interstate; 12=Other Freeways ..Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

05 Cumberland County

Town name: **Frye Island**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	0	0	0	0	0	0

Town name: **Gorham**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	8,434	7,939	8,382	9,241	9,620	9,400
6	53	63,395	61,619	62,727	67,274	67,450	71,221
7	41	75,137	78,244	79,386	81,801	87,720	90,437
8	35	5,445	6,126	5,016	5,672	5,722	6,000
9	31	50,227	56,164	54,679	59,621	59,438	61,969
14	19	68,001	64,013	67,581	74,504	77,566	75,786
16	19	132,865	129,142	131,464	140,995	141,364	149,266
17	21	56,154	58,476	59,329	61,135	65,558	67,589
19	15	25,008	27,964	27,225	29,685	29,594	30,855

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	265,876	269,880	273,884	286,891	295,842	300,815
2	55	79,277	80,471	81,665	85,543	88,212	89,695
6	53	129,962	131,919	133,876	140,234	144,610	147,041
7	41	29,719	30,167	30,614	32,068	33,069	33,624
9	31	60,479	61,390	62,301	65,259	67,295	68,427

Town name: **Harpswell**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	86,221	87,519	88,818	93,036	95,939	97,552
8	35	9,994	10,145	10,295	10,784	11,120	11,307
9	31	8,032	8,153	8,274	8,667	8,937	9,088

Town name: **Long Island**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
19	15	172	192	187	204	204	212

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	179,992	182,703	185,413	194,218	200,278	203,645
2	55	26,943	27,349	27,754	29,073	29,980	30,484
6	53	77,452	78,618	79,785	83,574	86,181	87,630
7	41	29,380	29,822	30,265	31,702	32,691	33,241
8	35	3,086	3,132	3,179	3,330	3,434	3,492
9	31	50,034	50,787	51,541	53,989	55,673	56,609

Town name: **North Yarmouth**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	39,840	41,487	42,093	43,374	46,512	47,953
8	35	8,548	9,617	7,875	8,904	8,983	9,419
9	31	13,198	14,758	14,368	15,667	15,618	16,284
17	21	13,566	14,127	14,333	14,769	15,838	16,328
19	15	300	335	327	356	355	370

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
11	59	620,290	631,579	644,400	657,260	697,809	714,764
12	55	30,635	29,455	29,549	34,288	31,956	36,268
14	19	489,599	460,889	486,575	536,417	558,463	545,650
16	19	184,135	178,976	182,194	195,402	195,913	206,865
17	21	194,556	202,601	205,557	211,813	227,137	234,173
19	15	146,503	163,821	159,488	173,904	173,369	180,754

Town name: **Pownal**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	22,696	23,038	23,380	24,490	25,254	25,678
9	31	22,196	22,530	22,865	23,950	24,698	25,113

Town name: **Raymond**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	73,597	74,705	75,814	79,414	81,892	83,269
8	35	53,679	54,487	55,296	57,922	59,729	60,733
9	31	43,581	44,237	44,894	47,026	48,493	49,308

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	429,510	437,327	446,205	455,109	483,187	494,927
7	41	12,349	12,860	13,047	13,444	14,417	14,864
8	35	54,208	60,984	49,942	56,467	56,969	59,729
9	31	31,425	35,140	34,210	37,303	37,188	38,772
11	59	61,159	62,272	63,536	64,804	68,802	70,474
12	55	23,098	22,208	22,279	25,852	24,094	27,345
16	19	281,464	273,577	278,497	298,686	299,468	316,209
17	21	203,182	211,584	214,671	221,204	237,207	244,556
19	15	37,675	42,129	41,014	44,722	44,584	46,483

Town name: **South Portland**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
11	59	238,046	242,378	247,299	252,234	267,795	274,302
12	55	86,125	82,807	83,071	96,394	89,838	101,960
14	19	39,446	37,133	39,202	43,218	44,994	43,962
16	19	215,080	209,053	212,813	228,240	228,838	241,630
17	21	129,961	135,335	137,310	141,488	151,724	156,425
19	15	74,873	83,724	81,509	88,877	88,604	92,377

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: **Standish**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	81,112	82,334	83,555	87,523	90,254	91,771
7	41	211,041	214,219	217,397	227,721	234,827	238,774
9	31	51,246	52,018	52,789	55,296	57,022	57,980

Town name: **Westbrook**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
12	55	23,899	22,978	23,051	26,749	24,929	28,293
14	19	101,951	95,973	101,321	111,700	116,291	113,623
16	19	134,309	130,546	132,893	142,527	142,900	150,888
17	21	105,482	109,844	111,446	114,838	123,146	126,961
19	15	43,058	48,148	46,874	51,111	50,954	53,124

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	174,113	163,903	173,037	190,763	198,603	194,046
6	53	88,314	85,839	87,383	93,718	93,963	99,216
7	41	62,505	65,090	66,039	68,049	72,972	75,233
8	35	33,078	37,213	30,475	34,456	34,763	36,447
9	31	52,924	59,180	57,615	62,823	62,629	65,297
14	19	34,527	32,502	34,314	37,829	39,383	38,480
16	19	10,031	9,750	9,925	10,645	10,673	11,269
17	21	52,331	54,495	55,290	56,973	61,094	62,987
19	15	10,633	11,890	11,575	12,622	12,583	13,119

Town name: **Yarmouth**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	2,959	3,309	3,221	3,512	3,502	3,651
11	59	155,537	158,368	161,583	164,807	174,975	179,226
17	21	94,287	98,186	99,618	102,650	110,076	113,487
19	15	31,495	35,218	34,287	37,386	37,271	38,858

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

09 Hancock County

Town name: **Bar Harbor**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	49	120,767	122,921	125,075	132,009	136,247	138,601
7	41	94,478	96,163	97,849	103,273	106,589	108,431
8	35	796	810	824	870	898	914
9	31	89,824	91,426	93,028	98,185	101,337	103,088

Town name: **Blue Hill**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	56,416	57,290	58,163	60,976	62,695	63,649
8	35	38,909	39,527	40,144	42,132	43,347	44,021
9	31	14,463	14,678	14,892	15,583	16,005	16,239

Town name: **Brooklin**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	35	12,223	12,424	12,625	13,273	13,669	13,888
9	31	5,312	5,399	5,486	5,766	5,938	6,033

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	1,130	1,147	1,164	1,219	1,252	1,271
8	35	14,260	14,493	14,727	15,478	15,937	16,192
9	31	10,986	11,163	11,339	11,907	12,254	12,447

Town name: **Cranberry Isles**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	337	342	347	362	371	377

Town name: **Deer Isle**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	39,108	39,698	40,287	42,185	43,345	43,989
8	35	9,871	10,020	10,169	10,648	10,941	11,103
9	31	17,989	18,264	18,538	19,422	19,962	20,262

Town name: **Frenchboro**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	0	0	0	0	0	0

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	49	41,844	42,432	43,019	44,910	46,066	46,708
7	41	20,681	21,005	21,329	22,372	23,010	23,364
8	35	11,876	12,054	12,231	12,803	13,153	13,347
9	31	4,497	4,564	4,630	4,845	4,976	5,049

Town name: **Hancock**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	49	104,001	105,521	107,040	111,932	114,921	116,582
7	41	24,452	24,793	25,135	26,233	26,905	27,278
8	35	2,755	2,794	2,832	2,957	3,033	3,075
9	31	12,219	12,390	12,562	13,113	13,450	13,637

Town name: **Lamoine**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	17,580	17,827	18,074	18,868	19,354	19,624
8	35	11,060	11,215	11,371	11,870	12,176	12,346
9	31	5,800	5,882	5,963	6,227	6,387	6,477

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

09 Hancock County

Town name: **Mount Desert**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	100,566	102,360	104,154	109,927	113,456	115,416
8	35	6,515	6,631	6,747	7,121	7,350	7,477
9	31	38,294	38,977	39,660	41,859	43,203	43,950

Town name: **Sedgwick**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	31,823	32,303	32,783	34,327	35,271	35,795
8	35	18,415	18,710	19,005	19,954	20,534	20,856
9	31	2,933	2,979	3,024	3,171	3,261	3,311

Town name: **Sorrento**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	35	2,070	2,099	2,128	2,222	2,279	2,311
9	31	2,408	2,440	2,473	2,578	2,641	2,677

Town name: **Southwest Harbor**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	37,553	38,223	38,893	41,048	42,366	43,098
8	35	11,195	11,395	11,594	12,237	12,629	12,848
9	31	9,018	9,179	9,340	9,857	10,173	10,349

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: **Stonington**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	8,883	9,017	9,151	9,581	9,845	9,991
8	35	6,957	7,062	7,167	7,504	7,711	7,825
9	31	11,503	11,676	11,850	12,408	12,749	12,938

Town name: **Sullivan**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	49	56,324	57,126	57,928	60,508	62,086	62,962
7	41	3,016	3,057	3,098	3,229	3,310	3,354
8	35	4,222	4,286	4,349	4,553	4,678	4,748
9	31	4,619	4,682	4,746	4,950	5,075	5,144

Town name: **Surry**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	41,458	42,070	42,682	44,651	45,855	46,523
8	35	12,240	12,434	12,628	13,252	13,633	13,845
9	31	5,971	6,069	6,166	6,480	6,672	6,778

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

09 Hancock County

Town name: **Swans Island**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	1,164	1,180	1,197	1,249	1,281	1,299
9	31	1,407	1,427	1,447	1,511	1,550	1,571

Town name: **Tremont**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	3,998	4,069	4,141	4,370	4,510	4,588
8	35	16,419	16,712	17,004	17,947	18,522	18,842
9	31	6,930	7,053	7,177	7,574	7,817	7,952

Town name: **Trenton**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	49	106,985	108,893	110,802	116,944	120,698	122,783
7	41	3,973	4,029	4,085	4,264	4,374	4,435
8	35	17,376	17,662	17,948	18,868	19,430	19,743
9	31	6,157	6,245	6,333	6,616	6,789	6,885

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

09 Hancock County

Town name: **Winter Harbor**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	7,141	7,259	7,376	7,754	7,985	8,114
8	35	670	681	692	728	749	761
9	31	8,192	8,323	8,453	8,873	9,130	9,273

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways ..Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **Camden**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	53	50,295	51,100	51,905	54,533	56,455	57,522
7	41	15,104	15,344	15,583	16,366	16,938	17,256
8	35	26,558	26,980	27,401	28,778	29,785	30,344
9	31	32,374	32,888	33,401	35,078	36,304	36,985

Town name: **Cushing**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	9,001	9,144	9,287	9,753	10,094	10,284
8	35	20,700	21,041	21,382	22,496	23,310	23,763
9	31	1,449	1,475	1,501	1,586	1,649	1,683

Town name: **Friendship**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	11,389	11,570	11,751	12,341	12,773	13,012
8	35	1,387	1,409	1,431	1,503	1,555	1,585
9	31	3,203	3,262	3,322	3,516	3,658	3,737

Town name: **Isle Au Haut**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	2,458	2,497	2,536	2,664	2,757	2,809

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: **Matinicus Isle Plt**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	193	195	198	205	211	214

Town name: **North Haven**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	1,063	1,080	1,097	1,152	1,193	1,215
8	35	135	137	139	146	151	154
9	31	1,352	1,373	1,395	1,465	1,516	1,544

Town name: **Owls Head**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	15,016	15,254	15,493	16,271	16,840	17,156
8	35	13,544	13,793	14,042	14,854	15,448	15,778
9	31	2,838	2,890	2,942	3,113	3,237	3,307

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	15,276	15,519	15,761	16,553	17,132	17,453
7	41	7,964	8,084	8,204	8,597	8,884	9,043
9	31	3,711	3,767	3,823	4,006	4,139	4,213
14	19	59,026	60,029	61,031	64,305	66,699	68,029
16	19	21,049	21,407	21,764	22,932	23,785	24,260
17	21	34,949	35,525	36,101	37,982	39,357	40,121
19	15	19,202	19,516	19,829	20,853	21,601	22,017

Town name: **Rockport**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	53	87,999	89,405	90,811	95,402	98,758	100,623
6	53	100,767	102,367	103,966	109,190	113,009	115,131
7	41	5,812	5,900	5,987	6,274	6,483	6,600
8	35	8,862	9,003	9,143	9,603	9,939	10,125
9	31	39,539	40,164	40,789	42,831	44,323	45,152

Town name: **Saint George**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	43,796	44,486	45,175	47,426	49,072	49,987
9	31	12,871	13,075	13,279	13,946	14,433	14,704

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:

Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local

Urban: 11=Interstate; 12=Other Freeways ..Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

13 Knox County

Town name: **South Thomaston**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	40,392	41,021	41,651	43,706	45,209	46,044
8	35	4,619	4,692	4,766	5,005	5,180	5,277
9	31	6,509	6,615	6,721	7,068	7,321	7,462

Town name: **Thomaston**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	53	73,798	74,969	76,141	79,966	82,763	84,316
7	41	17,173	17,434	17,694	18,545	19,168	19,513
8	35	7,253	7,367	7,480	7,852	8,123	8,274
9	31	15,140	15,368	15,597	16,342	16,887	17,190

Town name: **Vinalhaven**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	4,502	4,573	4,645	4,877	5,048	5,142
9	31	11,429	11,610	11,792	12,384	12,817	13,058

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: **Warren**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	53	71,520	72,655	73,791	77,498	80,208	81,714
6	53	44,032	44,731	45,430	47,712	49,381	50,308
7	41	22,566	22,920	23,274	24,430	25,275	25,745
8	35	7,114	7,225	7,337	7,700	7,966	8,114
9	31	26,902	27,312	27,722	29,061	30,039	30,583

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	13,234	13,376	13,517	13,971	14,237	14,384
8	35	7,432	7,509	7,587	7,835	7,980	8,061
9	31	2,483	2,508	2,534	2,615	2,662	2,689

Town name: **Boothbay**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	56,241	56,966	57,691	60,016	61,375	62,130
7	41	4,269	4,324	4,379	4,555	4,659	4,716
8	35	22,594	22,887	23,180	24,120	24,669	24,974
9	31	22,974	23,270	23,566	24,516	25,071	25,380

Town name: **Boothbay Harbor**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	20,701	20,968	21,235	22,090	22,591	22,868
7	41	17,290	17,513	17,736	18,450	18,868	19,100
8	35	10,912	11,053	11,193	11,644	11,908	12,054
9	31	12,677	12,840	13,004	13,528	13,835	14,005

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Bremen**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	8,671	8,780	8,889	9,238	9,441	9,555
8	35	4,534	4,591	4,648	4,830	4,937	4,996
9	31	2,381	2,411	2,441	2,537	2,592	2,624

Town name: **Bristol**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	64,629	65,439	66,250	68,850	70,369	71,213
8	35	11,694	11,841	11,987	12,458	12,732	12,885
9	31	15,169	15,359	15,549	16,160	16,516	16,715

Town name: **Damariscotta**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	23,372	23,640	23,907	24,765	25,267	25,546
7	41	45,780	46,307	46,834	48,525	49,514	50,063
8	35	17,892	18,107	18,323	19,014	19,418	19,642
9	31	10,012	10,126	10,241	10,608	10,823	10,942

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Dresden**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	53	27,569	27,864	28,159	29,105	29,658	29,965
7	41	12,162	12,290	12,418	12,829	13,069	13,202
8	35	26,722	27,008	27,293	28,209	28,744	29,042
9	31	7,340	7,415	7,489	7,729	7,869	7,947

Town name: **Edgecomb**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	49,637	50,207	50,777	52,606	53,675	54,269
6	53	40,732	41,257	41,782	43,466	44,450	44,997
7	41	468	473	478	494	504	509
8	35	12,000	12,159	12,318	12,829	13,127	13,293
9	31	5,956	6,029	6,102	6,337	6,474	6,550

Town name: **Monhegan Island Plt**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	25	25	25	26	27	27

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Newcastle**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	86,425	87,418	88,410	91,594	93,455	94,489
7	41	20,739	20,974	21,208	21,961	22,401	22,645
8	35	24,358	24,638	24,919	25,818	26,344	26,636
9	31	9,053	9,147	9,241	9,543	9,719	9,817

Town name: **Nobleboro**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	52,533	53,132	53,730	55,651	56,774	57,398
7	41	769	777	785	812	827	836
8	35	14,538	14,693	14,849	15,348	15,639	15,801
9	31	14,474	14,635	14,795	15,310	15,611	15,778

Town name: **South Bristol**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	24,131	24,433	24,736	25,706	26,273	26,588
8	35	1,146	1,160	1,175	1,221	1,248	1,263
9	31	4,187	4,239	4,292	4,460	4,558	4,613

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

15 Lincoln County

Town name: **Southport**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	515	522	528	550	562	569
8	35	10,849	10,989	11,129	11,577	11,840	11,985
9	31	2,780	2,816	2,852	2,966	3,034	3,071

Town name: **Waldoboro**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	91,836	92,861	93,886	97,174	99,096	100,164
7	41	71,303	72,071	72,840	75,304	76,745	77,545
8	35	11,642	11,765	11,888	12,284	12,515	12,643
9	31	23,632	23,885	24,138	24,949	25,423	25,687

Town name: **Westport Island**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
8	35	6,478	6,559	6,640	6,899	7,051	7,135
9	31	2,792	2,827	2,862	2,974	3,040	3,076

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: **Wiscasset**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	51	102,300	103,403	104,507	108,047	110,116	111,266
6	53	35,247	35,624	36,001	37,211	37,917	38,310
7	41	8,038	8,124	8,210	8,486	8,647	8,737
8	35	12,959	13,096	13,233	13,673	13,931	14,073
9	31	20,396	20,607	20,818	21,494	21,890	22,109

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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	18,490	18,725	18,960	19,725	20,267	20,568
9	31	1,287	1,303	1,320	1,373	1,411	1,432

Town name: **Bath**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	991	1,001	1,011	1,045	1,068	1,081
8	35	3,066	3,098	3,129	3,232	3,305	3,345
9	31	9,717	9,817	9,917	10,243	10,474	10,603
12	55	35,503	35,959	36,415	37,899	38,950	39,534
14	19	5,174	5,240	5,307	5,523	5,676	5,761
16	27	3,022	3,059	3,096	3,216	3,301	3,348
17	21	59,564	60,308	61,052	63,474	65,189	66,141
19	15	24,492	24,791	25,090	26,063	26,752	27,135

Town name: **Bowdoin**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	13,094	13,237	13,380	13,845	14,174	14,357
7	41	52,788	53,332	53,876	55,648	56,902	57,599
8	35	20,696	20,909	21,123	21,817	22,309	22,582
9	31	15,723	15,885	16,047	16,575	16,948	17,156

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

23 Sagadahoc County

Town name: **Bowdoinham**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	232,891	235,427	237,963	246,220	252,067	255,316
7	41	36,002	36,373	36,745	37,954	38,810	39,285
8	35	3,050	3,081	3,113	3,215	3,288	3,328
9	31	11,082	11,196	11,311	11,683	11,946	12,092

Town name: **Georgetown**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	18,583	18,819	19,055	19,824	20,369	20,671
9	31	10,518	10,652	10,785	11,220	11,528	11,699

Town name: **Perkins Twp Swan Island**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
9	31	46	46	47	48	50	50

Town name: **Phippsburg**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	41,197	41,721	42,244	43,949	45,156	45,826
8	35	12,747	12,909	13,071	13,598	13,972	14,179
9	31	17,461	17,683	17,905	18,628	19,139	19,424

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

23 Sagadahoc County

Town name: **Richmond**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	162,791	164,563	166,336	172,107	176,194	178,464
7	41	60,658	61,283	61,909	63,946	65,388	66,189
8	35	6,573	6,641	6,708	6,929	7,085	7,172
9	31	11,202	11,317	11,433	11,809	12,075	12,223

Town name: **Topsham**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	169,596	171,442	173,289	179,301	183,559	185,924
2	55	96,736	97,733	98,731	101,978	104,277	105,555
7	41	32,939	33,279	33,618	34,724	35,507	35,941
8	35	16,683	16,855	17,027	17,587	17,983	18,204
9	31	14,171	14,317	14,463	14,939	15,275	15,462
14	19	57,618	58,321	59,025	61,315	62,937	63,838
16	27	20,208	20,455	20,701	21,505	22,074	22,390
17	21	27,317	27,650	27,984	29,070	29,838	30,266
19	15	21,204	21,463	21,722	22,565	23,162	23,494

Functional Class Codes:
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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	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	73,201	73,995	74,788	77,372	79,202	80,219
7	41	26,707	26,984	27,262	28,164	28,804	29,159
8	35	11,294	11,431	11,569	12,016	12,332	12,508
9	31	8,544	8,652	8,760	9,113	9,362	9,501

Town name: **Woolwich**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	143,591	145,148	146,704	151,774	155,363	157,357
7	41	1,260	1,276	1,292	1,344	1,381	1,402
8	35	41,778	42,231	42,683	44,157	45,200	45,780
9	31	14,789	14,944	15,100	15,606	15,964	16,163

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

27 Waldo County

Town name: **Isleboro**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	701	719	738	797	840	864
8	35	1,774	1,820	1,866	2,017	2,125	2,185
9	31	10,896	11,180	11,464	12,389	13,052	13,421

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways ..Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Alfred**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	96,017	97,405	98,792	103,410	107,506	109,781
6	47	23,913	24,259	24,604	25,754	26,774	27,340
8	35	599	608	616	645	671	685
9	31	31,847	32,307	32,768	34,299	35,658	36,413

Town name: **Arundel**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	212,134	215,596	219,058	230,579	240,798	246,475
2	55	62,919	63,828	64,737	67,763	70,447	71,938
6	47	60,942	61,838	62,734	65,715	68,359	69,828
7	41	18,669	18,973	19,278	20,290	21,188	21,687
9	31	53,655	54,460	55,266	57,947	60,324	61,645

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Berwick**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	47	64,766	65,702	66,638	69,752	72,515	74,049
8	35	8,983	9,113	9,243	9,674	10,057	10,270
9	31	30,650	31,093	31,536	33,009	34,316	35,042
14	19	2,318	2,354	2,391	2,512	2,620	2,679
16	19	25,264	25,661	26,058	27,379	28,551	29,202
17	21	12,464	12,660	12,856	13,508	14,086	14,407
19	15	29,291	29,752	30,212	31,745	33,104	33,859

Town name: **Biddeford**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	167,753	170,806	174,273	177,751	188,717	193,303
2	55	34,058	32,061	33,848	37,315	38,848	37,957
6	47	44,806	43,551	44,334	47,548	47,672	50,337
7	41	16,720	17,411	17,665	18,203	19,520	20,125
8	35	33,701	37,914	31,049	35,105	35,417	37,134
9	31	25,910	28,973	28,207	30,756	30,662	31,967
16	19	54,739	53,205	54,162	58,088	58,240	61,496
17	21	110,204	114,761	116,435	119,979	128,659	132,645
19	15	30,061	33,615	32,725	35,684	35,574	37,089

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Buxton**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	46,418	47,089	47,760	49,992	51,972	53,072
7	41	35,085	35,592	36,100	37,788	39,286	40,118
8	35	85,807	87,047	88,287	92,412	96,072	98,105
9	31	46,800	47,476	48,153	50,404	52,400	53,509

Town name: **Dayton**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	64,052	64,997	65,941	69,084	71,872	73,421
8	35	3,106	3,151	3,196	3,345	3,478	3,552
9	31	13,925	14,126	14,328	14,998	15,592	15,922

Town name: **Eliot**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	303	308	312	327	341	348
8	35	2,084	2,114	2,144	2,244	2,333	2,383
9	31	3,647	3,700	3,752	3,928	4,083	4,170
16	19	91,080	92,512	93,943	98,708	102,934	105,281
17	21	37,976	38,573	39,170	41,156	42,918	43,897
19	15	15,523	15,767	16,011	16,823	17,543	17,943

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:

Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local

Urban: 11=Interstate; 12=Other Freeways ⁊ Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local

Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Hollis**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	49,373	50,087	50,800	53,175	55,281	56,451
7	41	71,872	72,941	74,009	77,565	80,719	82,471
8	35	28,005	28,410	28,814	30,161	31,356	32,019
9	31	21,818	22,133	22,448	23,497	24,428	24,945

Town name: **Kennebunk**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	238,851	242,749	246,647	259,619	271,124	277,516
6	47	44,835	45,494	46,153	48,346	50,292	51,372
7	41	119,429	121,429	123,429	130,085	135,989	139,268
8	35	43,928	44,622	45,316	47,625	49,673	50,811
9	31	47,978	48,696	49,415	51,805	53,926	55,104

Town name: **Kennebunkport**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
7	41	34,504	35,162	35,819	38,007	39,948	41,026
9	31	43,464	44,225	44,987	47,521	49,768	51,017

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

31 York County

Town name: **Kittery**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	146,367	148,591	150,816	158,219	164,785	168,432
6	47	13,273	13,475	13,676	14,348	14,943	15,274
7	41	2,758	2,800	2,842	2,981	3,105	3,174
8	35	4,262	4,324	4,385	4,590	4,772	4,873
9	31	10,198	10,349	10,500	11,002	11,447	11,694
11	59	148,319	150,771	153,223	161,382	168,620	172,640
12	55	19,057	19,357	19,656	20,654	21,538	22,030
14	19	31,379	31,872	32,366	34,007	35,463	36,272
16	19	80,316	81,598	82,880	87,147	90,931	93,034
17	21	38,164	38,764	39,364	41,362	43,133	44,117
19	15	15,434	15,677	15,919	16,727	17,444	17,842

Town name: **Limington**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	47	41,802	42,417	43,031	45,076	46,890	47,898
7	41	34,179	34,685	35,191	36,875	38,368	39,198
8	35	4,001	4,060	4,119	4,314	4,488	4,584
9	31	17,803	18,060	18,318	19,174	19,933	20,355

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways ..Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Lyman**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	88,870	90,154	91,438	95,712	99,503	101,608
7	41	23,086	23,435	23,784	24,947	25,978	26,550
8	35	24,089	24,437	24,785	25,944	26,971	27,542
9	31	27,002	27,392	27,782	29,081	30,232	30,872

Town name: **North Berwick**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	47	96,481	97,875	99,269	103,909	108,023	110,309
8	35	5,067	5,140	5,213	5,457	5,673	5,793
9	31	49,077	49,786	50,495	52,855	54,948	56,110

Town name: **Ogunquit**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	73,320	74,517	75,713	79,695	83,227	85,189
6	47	36,140	36,816	37,492	39,741	41,735	42,843
7	41	7,574	7,718	7,863	8,343	8,769	9,006
9	31	11,334	11,522	11,709	12,334	12,888	13,196

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Old Orchard Beach**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
12	55	1,118	1,075	1,078	1,251	1,166	1,324
17	21	80,914	84,260	85,489	88,091	94,464	97,390
19	15	26,657	29,808	29,020	31,643	31,545	32,889

Town name: **Saco**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	355,308	361,775	369,119	376,485	399,712	409,423
6	47	48,654	47,291	48,141	51,631	51,766	54,660
7	41	49,294	51,332	52,081	53,666	57,549	59,332
8	35	3,679	4,139	3,389	3,832	3,866	4,054
9	31	44,816	50,114	48,788	53,198	53,035	55,293
11	59	145,223	147,866	150,868	153,878	163,372	167,341
12	55	9,918	9,536	9,566	11,101	10,346	11,742
16	19	59,879	58,201	59,248	63,543	63,709	67,271
17	21	121,712	126,745	128,594	132,508	142,094	146,496
19	15	30,807	34,449	33,538	36,569	36,457	38,009

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Sanford**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
2	55	38,752	39,312	39,872	41,736	43,388	44,307
6	47	63,910	64,833	65,757	68,830	71,556	73,070
7	41	28,416	28,834	29,253	30,645	31,881	32,567
8	35	14,334	14,541	14,748	15,438	16,049	16,389
9	31	45,178	45,831	46,484	48,658	50,585	51,656
14	19	140,389	142,596	144,802	152,146	158,659	162,278
16	19	49,913	50,698	51,482	54,093	56,409	57,695
17	21	105,241	106,900	108,559	114,080	118,977	121,698
19	15	30,643	31,124	31,606	33,208	34,629	35,418

Town name: **South Berwick**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
6	47	25,015	25,376	25,738	26,941	28,008	28,601
7	41	9,591	9,737	9,883	10,368	10,798	11,037
9	31	21,481	21,792	22,102	23,136	24,052	24,562
16	19	58,196	59,111	60,025	63,069	65,769	67,269
17	21	6,148	6,245	6,341	6,663	6,948	7,106
19	15	25,286	25,683	26,081	27,403	28,576	29,227

AVERAGE DAILY VMT ADJUSTED TO SUMMER LEVELS

Functional Class Codes:
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Town VMT by Year, Federal Functional Class and Average Speed

31 York County

Town name: **Wells**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	458,661	466,146	473,631	498,540	520,633	532,907
2	55	65,346	66,290	67,235	70,377	73,164	74,713
6	47	183,608	186,768	189,928	200,444	209,771	214,953
7	41	14,962	15,203	15,445	16,248	16,961	17,356
8	35	32,957	33,438	33,919	35,519	36,939	37,727
9	31	82,067	83,380	84,693	89,063	92,939	95,092

Town name: **York**

Functional Class	Average Speed	2005 Summer Daily VMT	2007 Summer Daily VMT	2009 Summer Daily VMT	2016 Summer Daily VMT	2025 Summer Daily VMT	2030 Summer Daily VMT
1	65	561,343	570,314	579,284	609,138	635,616	650,326
6	47	159,263	161,983	164,703	173,754	181,782	186,242
7	41	101,602	103,383	105,163	111,089	116,345	119,264
8	35	14,801	15,056	15,311	16,160	16,913	17,332
9	31	104,521	106,222	107,923	113,583	118,603	121,392

Functional Class Codes:
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

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IDLING EMISSION FACTORS

Idling Emission Factors

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

2007	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	7.033	2.846	X 2.50 =	17.584	7.114
Cumberland	6.812	2.846	X 2.50 =	17.031	7.114
Hancock	8.562	2.858	X 2.50 =	21.404	7.144
Knox	7.033	2.846	X 2.50 =	17.584	7.114
Lincoln	7.033	2.846	X 2.50 =	17.584	7.114
Sagadahoc	7.008	2.846	X 2.50 =	17.521	7.114
Waldo	8.562	2.858	X 2.50 =	21.404	7.144
York	7.012	2.846	X 2.50 =	17.531	7.114

2009	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	5.718	2.369	X 2.50 =	14.296	5.922
Cumberland	5.543	2.369	X 2.50 =	13.858	5.922
Hancock	6.953	2.380	X 2.50 =	17.384	5.949
Knox	5.718	2.369	X 2.50 =	14.296	5.922
Lincoln	5.718	2.369	X 2.50 =	14.296	5.922
Sagadahoc	5.700	2.369	X 2.50 =	14.251	5.922
Waldo	6.953	2.380	X 2.50 =	17.384	5.949
York	5.703	2.369	X 2.50 =	14.258	5.922

2016	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	3.313	1.141	X 2.50 =	8.283	2.852
Cumberland	3.214	1.141	X 2.50 =	8.035	2.852
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	3.306	1.141	X 2.50 =	8.265	2.852
Waldo	3.998	1.147	X 2.50 =	9.996	2.867
York	3.307	1.141	X 2.50 =	8.268	2.852

2025	2.5 mph Emission Factors			Idle Factors	
County Name	VOC	NOX	Adjustment	VOC	NOX
Androscoggin	2.602	0.681	X 2.50 =	6.504	1.702
Cumberland	2.524	0.681	X 2.50 =	6.309	1.702
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	2.599	0.681	X 2.50 =	6.496	1.702
Waldo	3.112	0.686	X 2.50 =	7.780	1.714
York	2.599	0.681	X 2.50 =	6.497	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 VOC	NOX	Adjustment	Idle Factors VOC	NOX
	Androscoggin	2.564	0.598	X 2.50 =	6.410	1.495
	Cumberland	2.561	0.598	X 2.50 =	6.403	1.495
	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	2.561	0.598	X 2.50 =	6.403	1.495
	Waldo	3.072	0.603	X 2.50 =	7.680	1.508
	York	2.561	0.598	X 2.50 =	6.403	1.495

-I-

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
2007	65	1		0.812				0.823		0.827
	59	11		0.816						0.831
	55	12		0.827				0.838		0.842
	55	2		0.827				0.838		0.842
	53	2				0.870				
	53	6	0.865	0.828		0.865	0.865			
	51	2					0.878			
	49	6			0.963					
	47	6								0.869
	41	7	0.920	0.881	1.008	0.920	0.920	0.894	1.008	0.898
	35	8	0.955	0.916	1.049	0.955	0.955	0.929	1.049	0.933
	31	9	0.993	0.953	1.092	0.993	0.993	0.967	1.092	0.971
	27	16						1.012		
	21	17		1.096		1.138		1.113		1.117
	19	14		1.148		1.191		1.165		1.169
	19	16		1.148		1.191				1.169
	15	19		1.301		1.346		1.320		1.324
Year	**Avg Speed**	**HPMS FFC**	**Androscoggin**	**Cumberland**	**Hancock**	**Knox**	**Lincoln**	**Sagadahoc**	**Waldo**	**York**
2009	65	1		0.687				0.696		0.699
	59	11		0.690						0.702
	55	2		0.698				0.708		0.710
	55	12		0.698				0.708		0.710
	53	6	0.727	0.699		0.727	0.727			
	53	2				0.731				
	51	2					0.738			
	49	6			0.808					
	47	6								0.732
	41	7	0.771	0.742	0.844	0.771	0.771	0.753	0.844	0.755
	35	8	0.800	0.770	0.877	0.800	0.800	0.781	0.877	0.784
	31	9	0.830	0.800	0.912	0.830	0.830	0.812	0.912	0.815
	27	16						0.848		
	21	17		0.918		0.950		0.931		0.934
	19	14		0.960		0.992		0.974		0.977
	19	16		0.960		0.992				0.977
	15	19		1.086		1.120		1.102		1.104

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
2016	65	1		0.440				0.444		0.445
	59	11		0.441						0.447
	55	12		0.445				0.450		0.451
	55	2		0.445				0.450		0.451
	53	2				0.459				
	53	6	0.457	0.445		0.457	0.457			
	51	2					0.462			
	49	6			0.500					
	47	6								0.463
	41	7	0.483	0.470	0.521	0.483	0.483	0.476	0.521	0.477
	35	8	0.500	0.487	0.542	0.500	0.500	0.493	0.542	0.494
	31	9	0.518	0.505	0.563	0.518	0.518	0.512	0.563	0.513
	27	16						0.534		
	21	17		0.577		0.591		0.585		0.586
	19	14		0.604		0.619		0.612		0.613
	19	16		0.604		0.619				0.613
	15	19		0.686		0.701		0.694		0.695
Year	**Avg Speed**	**HPMS FFC**	**Androscoggin**	**Cumberland**	**Hancock**	**Knox**	**Lincoln**	**Sagadahoc**	**Waldo**	**York**
2025	65	1		0.305				0.308		0.309
	59	11		0.306						0.310
	55	2		0.309				0.312		0.313
	55	12		0.309				0.312		0.313
	53	2				0.318				
	53	6	0.316	0.309		0.316	0.316			
	51	2					0.320			
	49	6			0.345					
	47	6								0.322
	41	7	0.337	0.329	0.362	0.337	0.337	0.333	0.362	0.334
	35	8	0.351	0.344	0.379	0.351	0.351	0.348	0.379	0.348
	31	9	0.366	0.358	0.396	0.366	0.366	0.363	0.396	0.363
	27	16						0.381		
	21	17		0.417		0.426		0.422		0.423
	19	14		0.439		0.448		0.445		0.445
	19	16		0.439		0.448				0.445
	15	19		0.508		0.518		0.514		0.514

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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	65	1		0.297				0.298		0.298
	59	11		0.298						0.299
	55	12		0.301				0.302		0.302
	55	2		0.301				0.302		0.302
	53	6	0.305	0.301		0.305	0.305			
	53	2				0.306				
	51	2					0.309			
	49	6			0.333					
	47	6								0.311
	41	7	0.325	0.322	0.350	0.325	0.325	0.322	0.350	0.323
	35	8	0.339	0.336	0.366	0.339	0.339	0.336	0.366	0.337
	31	9	0.354	0.351	0.382	0.354	0.354	0.351	0.382	0.351
	27	16						0.369		
	21	17		0.408		0.412		0.409		0.409
	19	14		0.430		0.434		0.431		0.431
	19	16		0.430		0.434				0.431
	15	19		0.498		0.502		0.499		0.499

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
2007	65	1		2.246				2.246		2.246
	59	11		2.155						2.155
	55	12		1.959				1.959		1.959
	55	2		1.959				1.959		1.959
	53	2				1.880				
	53	6	1.743	1.743		1.743	1.743			
	51	2					1.822			
	49	6			1.655					
	47	6								1.617
	41	7	1.536	1.536	1.541	1.536	1.536	1.536	1.541	1.536
	35	8	1.495	1.495	1.500	1.495	1.495	1.495	1.500	1.495
	31	9	1.508	1.508	1.512	1.508	1.508	1.508	1.512	1.508
	27	16						1.542		
	21	17		1.640		1.640		1.640		1.640
	19	14		1.688		1.688		1.688		1.688
	19	16		1.688		1.688				1.688
	15	19		1.821		1.821		1.821		1.821
Year	**Avg Speed**	**HPMS FFC**	**Androscoggin**	**Cumberland**	**Hancock**	**Knox**	**Lincoln**	**Sagadahoc**	**Waldo**	**York**
2009	65	1		1.853				1.853		1.853
	59	11		1.778						1.778
	55	2		1.617				1.617		1.617
	55	12		1.617				1.617		1.617
	53	6	1.448	1.448		1.448	1.448			
	53	2				1.552				
	51	2					1.504			
	49	6			1.376					
	47	6								1.345
	41	7	1.279	1.279	1.282	1.279	1.279	1.279	1.282	1.279
	35	8	1.245	1.245	1.249	1.245	1.245	1.245	1.249	1.245
	31	9	1.255	1.255	1.259	1.255	1.255	1.255	1.259	1.255
	27	16						1.284		
	21	17		1.365		1.365		1.365		1.365
	19	16		1.405		1.405				1.405
	19	14		1.405		1.405		1.405		1.405
	15	19		1.515		1.515		1.515		1.515

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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	65	1		0.838				0.838		0.838
	59	11		0.810						0.810
	55	2		0.748				0.748		0.748
	55	12		0.748				0.748		0.748
	53	6	0.681	0.681		0.681	0.681			
	53	2				0.723				
	51	2					0.704			
	49	6			0.654					
	47	6								0.640
	41	7	0.614	0.614	0.616	0.614	0.614	0.614	0.616	0.614
	35	8	0.600	0.600	0.602	0.600	0.600	0.600	0.602	0.600
	31	9	0.605	0.605	0.608	0.605	0.605	0.605	0.608	0.605
	27	16						0.619		
	21	17		0.657		0.657		0.657		0.657
	19	16		0.675		0.675				0.675
	19	14		0.675		0.675		0.675		0.675
	15	19		0.726		0.726		0.726		0.726
Year	**Avg Speed**	**HPMS FFC**	**Androscoggin**	**Cumberland**	**Hancock**	**Knox**	**Lincoln**	**Sagadahoc**	**Waldo**	**York**
2025	65	1		0.438				0.438		0.438
	59	11		0.427						0.427
	55	12		0.402				0.402		0.402
	55	2		0.402				0.402		0.402
	53	2				0.392				
	53	6	0.380	0.380		0.380	0.380			
	51	2					0.385			
	49	6			0.370					
	47	6								0.363
	41	7	0.350	0.350	0.352	0.350	0.350	0.350	0.352	0.350
	35	8	0.344	0.344	0.346	0.344	0.344	0.344	0.346	0.344
	31	9	0.347	0.347	0.350	0.347	0.347	0.347	0.350	0.347
	27	16						0.356		
	21	17		0.380		0.380		0.380		0.380
	19	16		0.390		0.390				0.390
	19	14		0.390		0.390		0.390		0.390
	15	19		0.420		0.420		0.420		0.420

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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	65	1		0.364				0.364		0.364
	59	11		0.356						0.356
	55	12		0.339				0.339		0.339
	55	2		0.339				0.339		0.339
	53	2				0.332				
	53	6	0.324	0.324		0.324	0.324			
	51	2					0.326			
	49	6			0.317					
	47	6								0.311
	41	7	0.302	0.302	0.304	0.302	0.302	0.302	0.304	0.302
	35	8	0.296	0.296	0.298	0.296	0.296	0.296	0.298	0.296
	31	9	0.300	0.300	0.302	0.300	0.300	0.300	0.302	0.300
	27	16						0.308		
	21	17		0.328		0.328		0.328		0.328
	19	14		0.337		0.337		0.337		0.337
	19	16		0.337		0.337				0.337
	15	19		0.364		0.364		0.364		0.364

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EMISSIONS BY TOWN AND YEAR

2007 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	345	0.865	0.298	1.743	0.601
7	41	61,814	0.920	56.838	1.536	94.971
8	35	22,877	0.955	21.837	1.495	34.211
9	31	26,447	0.993	26.248	1.508	39.892
			Total for Durham:	**105.221**		**169.675**
		Total for Androscoggin County:		**105.221 kg**		**169.675 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	188,436	0.812	152.934	2.246	423.132
7	41	42,101	0.881	37.074	1.536	64.683
9	31	57,339	0.953	54.621	1.508	86.490
12	55	241,367	0.827	199.514	1.959	472.718
14	19	55,696	1.148	63.917	1.688	93.987
16	19	63,894	1.148	73.325	1.688	107.822
17	21	146,559	1.096	160.585	1.640	240.415
19	15	44,441	1.301	57.804	1.821	80.905
			Total for Brunswick:	**799.774**		**1,570.152**

Cape Elizabeth

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	21	71,240	1.096	78.057	1.640	116.862
19	15	28,349	1.301	36.873	1.821	51.609
			Total for Cape Elizabeth:	**114.931**		**168.471**

Casco

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	64,214	0.827	53.079	1.959	125.763
6	53	38,156	0.828	31.578	1.743	66.487
8	35	22,394	0.916	20.502	1.495	33.488
9	31	22,446	0.953	21.382	1.508	33.858
			Total for Casco:	**126.541**		**259.595**

Cumberland

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	191,490	0.812	155.413	2.246	429.990
6	53	20,964	0.828	17.350	1.743	36.529
7	41	25,634	0.881	22.573	1.536	39.384
8	35	16,786	0.916	15.368	1.495	25.102
9	31	15,109	0.953	14.393	1.508	22.791
11	59	70,507	0.816	57.506	2.155	151.908
17	21	57,378	1.096	62.869	1.640	94.124
19	15	15,355	1.301	19.973	1.821	27.954
			Total for Cumberland:	**365.444**		**827.782**

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2007 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	293,969	0.812	238.585	2.246	660.106
6	53	27,215	0.828	22.523	1.743	47.423
7	41	72,615	0.881	63.945	1.536	111.566
8	35	15,689	0.916	14.364	1.495	23.462
9	31	31,539	0.953	30.044	1.508	47.574
11	59	211,591	0.816	172.574	2.155	455.873
14	19	8,592	1.148	9.860	1.688	14.499
16	19	24,433	1.148	28.039	1.688	41.230
17	21	129,714	1.096	142.127	1.640	212.782
19	15	14,186	1.301	18.451	1.821	25.825
			Total for Falmouth:	**740.512**		**1,640.340**

Freeport

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	369,422	0.812	299.823	2.246	829.538
7	41	43,308	0.881	38.137	1.536	66.538
8	35	33,666	0.916	30.821	1.495	50.344
9	31	36,978	0.953	35.225	1.508	55.778
11	59	85,146	0.816	69.445	2.155	183.447
17	21	83,571	1.096	91.569	1.640	137.091
19	15	12,674	1.301	16.485	1.821	23.073
			Total for Freeport:	**581.505**		**1,345.807**

Frye Island

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.953	0.000	1.508	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	7,939	0.827	6.563	1.959	15.549
6	53	61,619	0.828	50.996	1.743	107.371
7	41	78,244	0.881	68.902	1.536	120.214
8	35	6,126	0.916	5.608	1.495	9.160
9	31	56,164	0.953	53.502	1.508	84.718
14	19	64,013	1.148	73.462	1.688	108.023
16	19	129,142	1.148	148.204	1.688	217.927
17	21	58,476	1.096	64.072	1.640	95.924
19	15	27,964	1.301	36.373	1.821	50.909
			Total for Gorham:	**507.681**		**809.795**

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2007 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	269,880	0.812	219.035	2.246	606.015
2	55	80,471	0.827	66.517	1.959	157.602
6	53	131,919	0.828	109.176	1.743	229.869
7	41	30,167	0.881	26.565	1.536	46.348
9	31	61,390	0.953	58.480	1.508	92.600
			Total for Gray:	**479.773**		**1,132.435**

Harpswell

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	87,519	0.881	77.070	1.536	134.465
8	35	10,145	0.916	9.287	1.495	15.170
9	31	8,153	0.953	7.767	1.508	12.298
			Total for Harpswell:	**94.123**		**161.933**

Long Island

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	15	192	1.301	0.250	1.821	0.350
			Total for Long Island:	**0.250**		**0.350**

New Gloucester

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	182,703	0.812	148.281	2.246	410.259
2	55	27,349	0.827	22.606	1.959	53.563
6	53	78,618	0.828	65.065	1.743	136.993
7	41	29,822	0.881	26.262	1.536	45.819
8	35	3,132	0.916	2.868	1.495	4.684
9	31	50,787	0.953	48.380	1.508	76.608
			Total for New Gloucester:	**313.462**		**727.925**

North Yarmouth

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,487	0.881	36.534	1.536	63.741
8	35	9,617	0.916	8.804	1.495	14.381
9	31	14,758	0.953	14.059	1.508	22.261
17	21	14,127	1.096	15.479	1.640	23.174
19	15	335	1.301	0.436	1.821	0.611
			Total for North Yarmouth:	**75.312**		**124.167**

Portland

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	631,579	0.816	515.116	2.155	1360.738
12	55	29,455	0.827	24.347	1.959	57.687
14	19	460,889	1.148	528.916	1.688	777.750
16	19	178,976	1.148	205.392	1.688	302.021
17	21	202,601	1.096	221.990	1.640	332.347
19	15	163,821	1.301	213.082	1.821	298.236
			Total for Portland:	**1,708.844**		**3,128.779**

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2007 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Pownal

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	23,038	0.881	20.287	1.536	35.395
9	31	22,530	0.953	21.462	1.508	33.985
			Total for Pownal:	**41.749**		**69.380**

Raymond

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	74,705	0.827	61.751	1.959	146.310
8	35	54,487	0.916	49.883	1.495	81.480
9	31	44,237	0.953	42.140	1.508	66.728
			Total for Raymond:	**153.775**		**294.518**

Scarborough

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	437,327	0.812	354.935	2.246	982.018
7	41	12,860	0.881	11.324	1.536	19.758
8	35	60,984	0.916	55.831	1.495	91.195
9	31	35,140	0.953	33.474	1.508	53.005
11	59	62,272	0.816	50.789	2.155	134.165
12	55	22,208	0.827	18.357	1.959	43.494
16	19	273,577	1.148	313.957	1.688	461.662
17	21	211,584	1.096	231.832	1.640	347.082
19	15	42,129	1.301	54.797	1.821	76.695
			Total for Scarborough:	**1,125.296**		**2,209.074**

South Portland

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	242,378	0.816	197.684	2.155	522.204
12	55	82,807	0.827	68.448	1.959	162.177
14	19	37,133	1.148	42.614	1.688	62.662
16	19	209,053	1.148	239.910	1.688	352.778
17	21	135,335	1.096	148.286	1.640	222.003
19	15	83,724	1.301	108.899	1.821	152.419
			Total for South Portland:	**805.841**		**1,474.243**

Standish

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	82,334	0.828	68.139	1.743	143.466
7	41	214,219	0.881	188.641	1.536	329.126
9	31	52,018	0.953	49.552	1.508	78.464
			Total for Standish:	**306.333**		**551.056**

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2007 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	22,978	0.827	18.994	1.959	45.003
14	19	95,973	1.148	110.138	1.688	161.954
16	19	130,546	1.148	149.814	1.688	220.296
17	21	109,844	1.096	120.356	1.640	180.188
19	15	48,148	1.301	62.626	1.821	87.653
			Total for Westbrook:	**461.928**		**695.093**

Windham

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	163,903	0.827	135.482	1.959	321.004
6	53	85,839	0.828	71.041	1.743	149.575
7	41	65,090	0.881	57.318	1.536	100.004
8	35	37,213	0.916	34.068	1.495	55.648
9	31	59,180	0.953	56.375	1.508	89.267
14	19	32,502	1.148	37.300	1.688	54.848
16	19	9,750	1.148	11.189	1.688	16.453
17	21	54,495	1.096	59.710	1.640	89.393
19	15	11,890	1.301	15.465	1.821	21.646
			Total for Windham:	**477.948**		**897.838**

Yarmouth

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	3,309	0.953	3.152	1.508	4.991
11	59	158,368	0.816	129.165	2.155	341.203
17	21	98,186	1.096	107.582	1.640	161.064
19	15	35,218	1.301	45.808	1.821	64.114
			Total for Yarmouth:	**285.707**		**571.373**
			Total for Cumberland County:	**9,566.730 kg**		**18,660.107 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	18,725	0.894	16.733	1.536	28.769
9	31	1,303	0.967	1.260	1.508	1.966
			Total for Arrowsic:	**17.992**		**30.735**

Bath

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,001	0.894	0.895	1.536	1.538
8	35	3,098	0.929	2.876	1.495	4.632
9	31	9,817	0.967	9.489	1.508	14.808
12	55	35,959	0.838	30.119	1.959	70.425
14	19	5,240	1.165	6.103	1.688	8.843
16	27	3,059	1.012	3.094	1.542	4.718
17	21	60,308	1.113	67.098	1.640	98.929
19	15	24,791	1.320	32.716	1.821	45.132
			Total for Bath:	**152.392**		**249.026**

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2007 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	13,237	0.823	10.890	2.246	29.723
7	41	53,332	0.894	47.658	1.536	81.939
8	35	20,909	0.929	19.416	1.495	31.268
9	31	15,885	0.967	15.354	1.508	23.961
			Total for Bowdoin:	**93.318**		**166.891**

Bowdoinham

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	235,427	0.823	193.686	2.246	528.651
7	41	36,373	0.894	32.503	1.536	55.884
8	35	3,081	0.929	2.861	1.495	4.608
9	31	11,196	0.967	10.822	1.508	16.888
			Total for Bowdoinham:	**239.873**		**606.031**

Georgetown

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	18,819	0.894	16.817	1.536	28.914
9	31	10,652	0.967	10.296	1.508	16.067
			Total for Georgetown:	**27.113**		**44.981**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	46	0.967	0.045	1.508	0.070
			Total for Perkins Twp Swan Island:	**0.045**		**0.070**

Phippsburg

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,721	0.894	37.281	1.536	64.099
8	35	12,909	0.929	11.987	1.495	19.304
9	31	17,683	0.967	17.092	1.508	26.673
			Total for Phippsburg:	**66.361**		**110.076**

Richmond

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	164,563	0.823	135.386	2.246	369.527
7	41	61,283	0.894	54.763	1.536	94.156
8	35	6,641	0.929	6.167	1.495	9.931
9	31	11,317	0.967	10.939	1.508	17.071
			Total for Richmond:	**207.255**		**490.685**

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2007 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Topsham

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	171,442	0.823	141.046	2.246	384.974
2	55	97,733	0.838	81.861	1.959	191.411
7	41	33,279	0.894	29.738	1.536	51.129
8	35	16,855	0.929	15.652	1.495	25.205
9	31	14,317	0.967	13.839	1.508	21.596
14	19	58,321	1.165	67.921	1.688	98.417
16	27	20,455	1.012	20.692	1.542	31.549
17	21	27,650	1.113	30.764	1.640	45.358
19	15	21,463	1.320	28.325	1.821	39.073
			Total for Topsham:	**429.837**		**888.712**

West Bath

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	73,995	0.838	61.978	1.959	144.918
7	41	26,984	0.894	24.113	1.536	41.459
8	35	11,431	0.929	10.615	1.495	17.094
9	31	8,652	0.967	8.363	1.508	13.051
			Total for West Bath:	**105.069**		**216.522**

Woolwich

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	145,148	0.838	121.576	1.959	284.272
7	41	1,276	0.894	1.140	1.536	1.960
8	35	42,231	0.929	39.215	1.495	63.152
9	31	14,944	0.967	14.445	1.508	22.542
			Total for Woolwich:	**176.377**		**371.926**
		Total for Sagadahoc County:		**1,515.632 kg**		**3,175.657 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	97,405	0.842	81.976	1.959	190.767
6	47	24,259	0.869	21.071	1.617	39.214
8	35	608	0.933	0.567	1.495	0.909
9	31	32,307	0.971	31.354	1.508	48.732
			Total for Alfred:	**134.968**		**279.622**

Arundel

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	215,596	0.827	178.212	2.246	484.121
2	55	63,828	0.842	53.718	1.959	125.008
6	47	61,838	0.869	53.712	1.617	99.961
7	41	18,973	0.898	17.030	1.536	29.151
9	31	54,460	0.971	52.854	1.508	82.148
			Total for Arundel:	**355.526**		**820.388**

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2007 Portland, Maine Ozone Maintenance Area

31 York County

Berwick

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	65,702	0.869	57.069	1.617	106.207
8	35	9,113	0.933	8.499	1.495	13.627
9	31	31,093	0.971	30.176	1.508	46.900
14	19	2,354	1.169	2.751	1.688	3.973
16	19	25,661	1.169	29.987	1.688	43.303
17	21	12,660	1.117	14.136	1.640	20.767
19	15	29,752	1.324	39.382	1.821	54.163
			Total for Berwick:	**182.000**		**288.941**

Biddeford

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	170,806	0.827	141.188	2.246	383.545
2	55	32,061	0.842	26.982	1.959	62.791
6	47	43,551	0.869	37.828	1.617	70.399
7	41	17,411	0.898	15.628	1.536	26.751
8	35	37,914	0.933	35.358	1.495	56.696
9	31	28,973	0.971	28.118	1.508	43.703
16	19	53,205	1.169	62.176	1.688	89.784
17	21	114,761	1.117	128.142	1.640	188.254
19	15	33,615	1.324	44.496	1.821	61.195
			Total for Biddeford:	**519.917**		**983.118**

Buxton

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	47,089	0.842	39.630	1.959	92.223
7	41	35,592	0.898	31.948	1.536	54.684
8	35	87,047	0.933	81.180	1.495	130.170
9	31	47,476	0.971	46.076	1.508	71.613
			Total for Buxton:	**198.833**		**348.691**

Dayton

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	64,997	0.898	58.341	1.536	99.861
8	35	3,151	0.933	2.939	1.495	4.712
9	31	14,126	0.971	13.710	1.508	21.308
			Total for Dayton:	**74.989**		**125.881**

Eliot

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	308	0.898	0.276	1.536	0.473
8	35	2,114	0.933	1.972	1.495	3.161
9	31	3,700	0.971	3.591	1.508	5.581
16	19	92,512	1.169	108.109	1.688	156.113
17	21	38,573	1.117	43.070	1.640	63.275
19	15	15,767	1.324	20.871	1.821	28.704
			Total for Eliot:	**177.889**		**257.307**

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2007 Portland, Maine Ozone Maintenance Area

31 York County

Hollis

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	50,087	0.842	42.153	1.959	98.094
7	41	72,941	0.898	65.471	1.536	112.066
8	35	28,410	0.933	26.495	1.495	42.484
9	31	22,133	0.971	21.480	1.508	33.386
			Total for Hollis:	**155.599**		**286.030**

Kennebunk

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	242,749	0.827	200.656	2.246	545.093
6	47	45,494	0.869	39.516	1.617	73.541
7	41	121,429	0.898	108.995	1.536	186.564
8	35	44,622	0.933	41.614	1.495	66.728
9	31	48,696	0.971	47.260	1.508	73.454
			Total for Kennebunk:	**438.041**		**945.378**

Kennebunkport

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	35,162	0.898	31.561	1.536	54.022
9	31	44,225	0.971	42.921	1.508	66.710
			Total for Kennebunkport:	**74.482**		**120.732**

Kittery

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	148,591	0.827	122.826	2.246	333.662
6	47	13,475	0.869	11.704	1.617	21.782
7	41	2,800	0.898	2.513	1.536	4.302
8	35	4,324	0.933	4.032	1.495	6.466
9	31	10,349	0.971	10.044	1.508	15.610
11	59	150,771	0.831	125.230	2.155	324.836
12	55	19,357	0.842	16.291	1.959	37.910
14	19	31,872	1.169	37.246	1.688	53.784
16	19	81,598	1.169	95.356	1.688	137.697
17	21	38,764	1.117	43.284	1.640	63.589
19	15	15,677	1.324	20.751	1.821	28.539
			Total for Kittery:	**489.276**		**1,028.177**

Limington

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	42,417	0.869	36.843	1.617	68.566
7	41	34,685	0.898	31.133	1.536	53.290
8	35	4,060	0.933	3.786	1.495	6.071
9	31	18,060	0.971	17.528	1.508	27.242
			Total for Limington:	**89.290**		**155.170**

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2007 Portland, Maine Ozone Maintenance Area

31 York County

Lyman

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	90,154	0.842	75.874	1.959	176.567
7	41	23,435	0.898	21.035	1.536	36.006
8	35	24,437	0.933	22.790	1.495	36.543
9	31	27,392	0.971	26.584	1.508	41.318
			Total for Lyman:	**146.283**		**290.434**

North Berwick

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	97,875	0.869	85.014	1.617	158.215
8	35	5,140	0.933	4.794	1.495	7.687
9	31	49,786	0.971	48.317	1.508	75.097
			Total for North Berwick:	**138.125**		**240.999**

Ogunquit

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	74,517	0.827	61.595	2.246	167.327
6	47	36,816	0.869	31.978	1.617	59.513
7	41	7,718	0.898	6.928	1.536	11.858
9	31	11,522	0.971	11.182	1.508	17.379
			Total for Ogunquit:	**111.683**		**256.077**

Old Orchard Beach

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	1,075	0.842	0.905	1.959	2.105
17	21	84,260	1.117	94.084	1.640	138.220
19	15	29,808	1.324	39.457	1.821	54.266
			Total for Old Orchard Beach:	**134.446**		**194.591**

Saco

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	361,775	0.827	299.043	2.246	812.365
6	47	47,291	0.869	41.077	1.617	76.445
7	41	51,332	0.898	46.076	1.536	78.867
8	35	4,139	0.933	3.860	1.495	6.189
9	31	50,114	0.971	48.635	1.508	75.592
11	59	147,866	0.831	122.818	2.155	318.577
12	55	9,536	0.842	8.025	1.959	18.676
16	19	58,201	1.169	68.014	1.688	98.215
17	21	126,745	1.117	141.523	1.640	207.912
19	15	34,449	1.324	45.600	1.821	62.714
			Total for Saco:	**824.671**		**1,755.552**

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2007 Portland, Maine Ozone Maintenance Area

31 York County

Sanford

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	39,312	0.842	33.085	1.959	76.993
6	47	64,833	0.869	56.314	1.617	104.803
7	41	28,834	0.898	25.882	1.536	44.301
8	35	14,541	0.933	13.561	1.495	21.745
9	31	45,831	0.971	44.479	1.508	69.132
14	19	142,596	1.169	166.637	1.688	240.630
16	19	50,698	1.169	59.245	1.688	85.552
17	21	106,900	1.117	119.365	1.640	175.359
19	15	31,124	1.324	41.199	1.821	56.662
			Total for Sanford:	**559.768**		**875.176**

South Berwick

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	25,376	0.869	22.042	1.617	41.021
7	41	9,737	0.898	8.740	1.536	14.960
9	31	21,792	0.971	21.149	1.508	32.870
16	19	59,111	1.169	69.077	1.688	99.749
17	21	6,245	1.117	6.973	1.640	10.244
19	15	25,683	1.324	33.997	1.821	46.756
			Total for South Berwick:	**161.977**		**245.600**

Wells

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	466,146	0.827	385.316	2.246	1046.731
2	55	66,290	0.842	55.790	1.959	129.830
6	47	186,768	0.869	162.227	1.617	301.910
7	41	15,203	0.898	13.647	1.536	23.358
8	35	33,438	0.933	31.184	1.495	50.003
9	31	83,380	0.971	80.920	1.508	125.770
			Total for Wells:	**729.084**		**1,677.603**

York

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	570,314	0.827	471.421	2.246	1280.639
6	47	161,983	0.869	140.698	1.617	261.845
7	41	103,383	0.898	92.796	1.536	158.837
8	35	15,056	0.933	14.041	1.495	22.515
9	31	106,222	0.971	103.088	1.508	160.225
			Total for York:	**822.045**		**1,884.061**
			Total for York County:	**6,518.892 kg**		**13,059.527 kg**
			2007 Portland, Maine Ozone Maintenance Area:	**17,706.475 kg**		**35,064.967 kg**
				19.513 tons		**38.642 tons**

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2007 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	122,921	0.963	118.324	1.655	203.373
7	41	96,163	1.008	96.894	1.541	148.140
8	35	810	1.049	0.850	1.500	1.216
9	31	91,426	1.092	99.801	1.512	138.273
			Total for Bar Harbor:	**315.869**		**491.002**

Blue Hill

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	57,290	1.008	57.725	1.541	88.255
8	35	39,527	1.049	41.448	1.500	59.306
9	31	14,678	1.092	16.022	1.512	22.198
			Total for Blue Hill:	**115.195**		**169.759**

Brooklin

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	12,424	1.049	13.028	1.500	18.641
9	31	5,399	1.092	5.894	1.512	8.166
			Total for Brooklin:	**18.922**		**26.807**

Brooksville

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,147	1.008	1.156	1.541	1.767
8	35	14,493	1.049	15.198	1.500	21.746
9	31	11,163	1.092	12.185	1.512	16.882
			Total for Brooksville:	**28.538**		**40.395**

Cranberry Isles

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	342	1.092	0.373	1.512	0.517
			Total for Cranberry Isles:	**0.373**		**0.517**

Deer Isle

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	39,698	1.008	39.999	1.541	61.154
8	35	10,020	1.049	10.507	1.500	15.034
9	31	18,264	1.092	19.936	1.512	27.622
			Total for Deer Isle:	**70.443**		**103.810**

Frenchboro

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	1.092	0.000	1.512	0.000
			Total for Frenchboro:	**0.000**		**0.000**

Gouldsboro

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	42,432	0.963	40.845	1.655	70.203
7	41	21,005	1.008	21.165	1.541	32.358
8	35	12,054	1.049	12.639	1.500	18.085
9	31	4,564	1.092	4.982	1.512	6.902
			Total for Gouldsboro:	**79.631**		**127.549**

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2007 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Hancock

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	105,521	0.963	101.574	1.655	174.584
7	41	24,793	1.008	24.982	1.541	38.194
8	35	2,794	1.049	2.929	1.500	4.192
9	31	12,390	1.092	13.525	1.512	18.739
			Total for Hancock:	**143.011**		**235.709**

Lamoine

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	17,827	1.008	17.962	1.541	27.462
8	35	11,215	1.049	11.760	1.500	16.827
9	31	5,882	1.092	6.421	1.512	8.896
			Total for Lamoine:	**36.143**		**53.185**

Mount Desert

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	102,360	1.008	103.138	1.541	157.685
8	35	6,631	1.049	6.953	1.500	9.949
9	31	38,977	1.092	42.547	1.512	58.949
			Total for Mount Desert:	**152.639**		**226.584**

Sedgwick

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	32,303	1.008	32.548	1.541	49.762
8	35	18,710	1.049	19.619	1.500	28.072
9	31	2,979	1.092	3.251	1.512	4.505
			Total for Sedgwick:	**55.419**		**82.340**

Sorrento

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	2,099	1.049	2.201	1.500	3.149
9	31	2,440	1.092	2.664	1.512	3.691
			Total for Sorrento:	**4.865**		**6.840**

Southwest Harbor

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	38,223	1.008	38.513	1.541	58.882
8	35	11,395	1.049	11.948	1.500	17.096
9	31	9,179	1.092	10.020	1.512	13.882
			Total for Southwest Harbor:	**60.481**		**89.861**

Stonington

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,017	1.008	9.085	1.541	13.890
8	35	7,062	1.049	7.405	1.500	10.596
9	31	11,676	1.092	12.746	1.512	17.659
			Total for Stonington:	**29.236**		**42.145**

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2007 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Sullivan

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	57,126	0.963	54.989	1.655	94.515
7	41	3,057	1.008	3.080	1.541	4.709
8	35	4,286	1.049	4.494	1.500	6.430
9	31	4,682	1.092	5.111	1.512	7.082
			Total for Sullivan:	**67.675**		**112.735**

Surry

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,070	1.008	42.390	1.541	64.809
8	35	12,434	1.049	13.038	1.500	18.656
9	31	6,069	1.092	6.624	1.512	9.178
			Total for Surry:	**62.052**		**92.642**

Swans Island

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,180	1.008	1.189	1.541	1.818
9	31	1,427	1.092	1.558	1.512	2.158
			Total for Swans Island:	**2.747**		**3.976**

Tremont

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,069	1.008	4.100	1.541	6.269
8	35	16,712	1.049	17.524	1.500	25.074
9	31	7,053	1.092	7.700	1.512	10.668
			Total for Tremont:	**29.324**		**42.011**

Trenton

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	108,893	0.963	104.821	1.655	180.164
7	41	4,029	1.008	4.059	1.541	6.206
8	35	17,662	1.049	18.520	1.500	26.500
9	31	6,245	1.092	6.817	1.512	9.445
			Total for Trenton:	**134.217**		**222.315**

Winter Harbor

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	7,259	1.008	7.314	1.541	11.182
8	35	681	1.049	0.714	1.500	1.022
9	31	8,323	1.092	9.085	1.512	12.587
			Total for Winter Harbor:	**17.113**		**24.791**
			Total for Hancock County:	**1,423.891 kg**		**2,194.972 kg**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2007 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Camden

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	51,100	0.870	44.437	1.880	96.042
7	41	15,344	0.920	14.109	1.536	23.574
8	35	26,980	0.955	25.752	1.495	40.345
9	31	32,888	0.993	32.641	1.508	49.608
			Total for Camden:	**116.938**		**209.569**

Cushing

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,144	0.920	8.408	1.536	14.049
8	35	21,041	0.955	20.084	1.495	31.465
9	31	1,475	0.993	1.464	1.508	2.225
			Total for Cushing:	**29.956**		**47.739**

Friendship

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	11,570	0.920	10.638	1.536	17.776
8	35	1,409	0.955	1.345	1.495	2.107
9	31	3,262	0.993	3.238	1.508	4.921
			Total for Friendship:	**15.221**		**24.804**

Isle Au Haut

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	2,497	0.993	2.478	1.508	3.767
			Total for Isle Au Haut:	**2.478**		**3.767**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	195	0.993	0.194	1.508	0.295
			Total for Matinicus Isle Plt:	**0.194**		**0.295**

North Haven

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,080	0.920	0.993	1.536	1.659
8	35	137	0.955	0.131	1.495	0.205
9	31	1,373	0.993	1.363	1.508	2.072
			Total for North Haven:	**2.487**		**3.936**

Owls Head

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	15,254	0.920	14.026	1.536	23.437
8	35	13,793	0.955	13.165	1.495	20.626
9	31	2,890	0.993	2.869	1.508	4.360
			Total for Owls Head:	**30.060**		**48.422**

HPMS Functional Class Codes:
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2007 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Rockland

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	15,519	0.865	13.417	1.743	27.041
7	41	8,084	0.920	7.433	1.536	12.421
9	31	3,767	0.993	3.739	1.508	5.682
14	19	60,029	1.191	71.470	1.688	101.298
16	19	21,407	1.191	25.487	1.688	36.124
17	21	35,525	1.138	40.417	1.640	58.275
19	15	19,516	1.346	26.260	1.821	35.528
			Total for Rockland:	**188.223**		**276.369**

Rockport

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	89,405	0.870	77.747	1.880	168.037
6	53	102,367	0.865	88.506	1.743	178.374
7	41	5,900	0.920	5.425	1.536	9.064
8	35	9,003	0.955	8.593	1.495	13.463
9	31	40,164	0.993	39.863	1.508	60.584
			Total for Rockport:	**220.134**		**429.521**

Saint George

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	44,486	0.920	40.904	1.536	68.348
9	31	13,075	0.993	12.977	1.508	19.723
			Total for Saint George:	**53.882**		**88.070**

South Thomaston

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,021	0.920	37.719	1.536	63.025
8	35	4,692	0.955	4.479	1.495	7.017
9	31	6,615	0.993	6.565	1.508	9.978
			Total for South Thomaston:	**48.764**		**80.020**

Thomaston

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	74,969	0.870	65.193	1.880	140.905
7	41	17,434	0.920	16.030	1.536	26.785
8	35	7,367	0.955	7.032	1.495	11.016
9	31	15,368	0.993	15.253	1.508	23.182
			Total for Thomaston:	**103.508**		**201.888**

Vinalhaven

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,573	0.920	4.205	1.536	7.026
9	31	11,610	0.993	11.523	1.508	17.513
			Total for Vinalhaven:	**15.728**		**24.539**

HPMS Functional Class Codes:
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2007 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	72,655	0.870	63.181	1.880	136.556
6	53	44,731	0.865	38.674	1.743	77.944
7	41	22,920	0.920	21.075	1.536	35.214
8	35	7,225	0.955	6.897	1.495	10.805
9	31	27,312	0.993	27.107	1.508	41.197
			Total for Warren:	**156.934**		**301.716**
			Total for Knox County:	**984.507 kg**		**1,740.655 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	13,376	0.920	12.299	1.536	20.550
8	35	7,509	0.955	7.168	1.495	11.230
9	31	2,508	0.993	2.490	1.508	3.784
			Total for Alna:	**21.956**		**35.563**

Boothbay

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	56,966	0.865	49.253	1.743	99.263
7	41	4,324	0.920	3.976	1.536	6.643
8	35	22,887	0.955	21.846	1.495	34.225
9	31	23,270	0.993	23.096	1.508	35.101
			Total for Boothbay:	**98.170**		**175.232**

Boothbay Harbor

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	20,968	0.865	18.129	1.743	36.536
7	41	17,513	0.920	16.103	1.536	26.907
8	35	11,053	0.955	10.550	1.495	16.528
9	31	12,840	0.993	12.744	1.508	19.368
			Total for Boothbay Harbor:	**57.526**		**99.340**

Bremen

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	8,780	0.920	8.073	1.536	13.489
8	35	4,591	0.955	4.382	1.495	6.865
9	31	2,411	0.993	2.393	1.508	3.637
			Total for Bremen:	**14.848**		**23.991**

Bristol

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	65,439	0.920	60.171	1.536	100.541
8	35	11,841	0.955	11.302	1.495	17.706
9	31	15,359	0.993	15.244	1.508	23.168
			Total for Bristol:	**86.717**		**141.415**

HPMS Functional Class Codes:
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2007 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	23,640	0.878	20.746	1.822	43.059
7	41	46,307	0.920	42.579	1.536	71.146
8	35	18,107	0.955	17.284	1.495	27.078
9	31	10,126	0.993	10.050	1.508	15.275
			Total for Damariscotta:	**90.659**		**156.558**

Dresden

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	27,864	0.865	24.091	1.743	48.553
7	41	12,290	0.920	11.301	1.536	18.882
8	35	27,008	0.955	25.779	1.495	40.387
9	31	7,415	0.993	7.359	1.508	11.184
			Total for Dresden:	**68.530**		**119.007**

Edgecomb

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	50,207	0.878	44.062	1.822	91.452
6	53	41,257	0.865	35.671	1.743	71.890
7	41	473	0.920	0.435	1.536	0.727
8	35	12,159	0.955	11.606	1.495	18.183
9	31	6,029	0.993	5.984	1.508	9.094
			Total for Edgecomb:	**97.757**		**191.346**

Monhegan Island Plt

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	25	0.993	0.025	1.508	0.038
			Total for Monhegan Island Plt:	**0.025**		**0.038**

Newcastle

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	87,418	0.878	76.718	1.822	159.231
7	41	20,974	0.920	19.285	1.536	32.224
8	35	24,638	0.955	23.517	1.495	36.844
9	31	9,147	0.993	9.078	1.508	13.797
			Total for Newcastle:	**128.599**		**242.097**

Nobleboro

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	53,132	0.878	46.628	1.822	96.779
7	41	777	0.920	0.715	1.536	1.194
8	35	14,693	0.955	14.025	1.495	21.973
9	31	14,635	0.993	14.525	1.508	22.075
			Total for Nobleboro:	**75.893**		**142.021**

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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2007 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	24,433	0.920	22.467	1.536	37.540
8	35	1,160	0.955	1.108	1.495	1.735
9	31	4,239	0.993	4.208	1.508	6.395
			Total for South Bristol:	**27.782**		**45.670**

Southport

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	522	0.920	0.480	1.536	0.801
8	35	10,989	0.955	10.489	1.495	16.433
9	31	2,816	0.993	2.795	1.508	4.247
			Total for Southport:	**13.763**		**21.482**

Waldoboro

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	92,861	0.878	81.495	1.822	169.146
7	41	72,071	0.920	66.270	1.536	110.730
8	35	11,765	0.955	11.230	1.495	17.594
9	31	23,885	0.993	23.706	1.508	36.028
			Total for Waldoboro:	**182.700**		**333.498**

Westport Island

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	6,559	0.955	6.260	1.495	9.808
9	31	2,827	0.993	2.806	1.508	4.264
			Total for Westport Island:	**9.066**		**14.072**

Wiscasset

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	103,403	0.878	90.747	1.822	188.349
6	53	35,624	0.865	30.801	1.743	62.075
7	41	8,124	0.920	7.470	1.536	12.482
8	35	13,096	0.955	12.500	1.495	19.584
9	31	20,607	0.993	20.452	1.508	31.083
			Total for Wiscasset:	**161.970**		**313.573**
			Total for Lincoln County:	**1,135.960 kg**		**2,054.903 kg**

27 Waldo County

Isleboro

HPMS FFC	Avg Speed	2007 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	719	1.008	0.725	1.541	1.108
8	35	1,820	1.049	1.909	1.500	2.731
9	31	11,180	1.092	12.204	1.512	16.908
			Total for Isleboro:	**14.837**		**20.747**
			Total for Waldo County:	**14.837 kg**		**20.747 kg**

2007 MidCoast, Maine Ozone Maintenance Area: **3,559.196 kg** **6,011.278 kg**

3.922 tons **6.624 tons**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	350	0.727	0.254	1.448	0.507
7	41	62,718	0.771	48.349	1.279	80.203
8	35	23,212	0.800	18.565	1.245	28.894
9	31	26,833	0.830	22.269	1.255	33.673
			Total for Durham:	**89.437**		**143.278**
		Total for Androscoggin County:		**89.437 kg**		**143.278 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	191,231	0.687	131.357	1.853	354.352
7	41	42,725	0.742	31.698	1.279	54.637
9	31	58,189	0.800	46.546	1.255	73.022
12	55	245,381	0.698	171.251	1.617	396.781
14	19	56,622	0.960	54.352	1.405	79.549
16	19	64,957	0.960	62.352	1.405	91.258
17	21	148,996	0.918	136.763	1.365	203.365
19	15	45,180	1.086	49.070	1.515	68.448
			Total for Brunswick:	**683.388**		**1,321.410**

Cape Elizabeth

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	21	72,279	0.918	66.345	1.365	98.654
19	15	27,599	1.086	29.975	1.515	41.813
			Total for Cape Elizabeth:	**96.320**		**140.467**

Casco

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	65,166	0.698	45.480	1.617	105.374
6	53	38,722	0.699	27.063	1.448	56.070
8	35	22,727	0.770	17.495	1.245	28.290
9	31	22,779	0.800	18.221	1.255	28.585
			Total for Casco:	**108.258**		**218.319**

Cumberland

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	195,377	0.687	134.204	1.853	362.034
6	53	21,341	0.699	14.915	1.448	30.901
7	41	26,008	0.742	19.295	1.279	33.259
8	35	13,747	0.770	10.582	1.245	17.112
9	31	14,710	0.800	11.766	1.255	18.459
11	59	71,939	0.690	49.630	1.778	127.907
17	21	58,216	0.918	53.436	1.365	79.458
19	15	14,949	1.086	16.236	1.515	22.648
			Total for Cumberland:	**310.066**		**691.778**

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2009 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	299,936	0.687	206.026	1.853	555.782
6	53	27,705	0.699	19.363	1.448	40.117
7	41	73,675	0.742	54.659	1.279	94.216
8	35	12,848	0.770	9.891	1.245	15.994
9	31	30,705	0.800	24.561	1.255	38.532
11	59	215,886	0.690	148.940	1.778	383.846
14	19	9,071	0.960	8.707	1.405	12.743
16	19	24,872	0.960	23.875	1.405	34.943
17	21	131,606	0.918	120.801	1.365	179.629
19	15	13,810	1.086	14.999	1.515	20.923
			Total for Falmouth:	**631.823**		**1,376.723**

Freeport

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	376,921	0.687	258.907	1.853	698.436
7	41	43,940	0.742	32.599	1.279	56.190
8	35	27,570	0.770	21.223	1.245	34.319
9	31	36,000	0.800	28.796	1.255	45.176
11	59	86,874	0.690	59.935	1.778	154.463
17	21	84,791	0.918	77.830	1.365	115.731
19	15	12,339	1.086	13.401	1.515	18.693
			Total for Freeport:	**492.691**		**1,123.007**

Frye Island

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.800	0.000	1.255	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	8,382	0.698	5.850	1.617	13.554
6	53	62,727	0.699	43.840	1.448	90.828
7	41	79,386	0.742	58.896	1.279	101.518
8	35	5,016	0.770	3.862	1.245	6.244
9	31	54,679	0.800	43.738	1.255	68.617
14	19	67,581	0.960	64.871	1.405	94.944
16	19	131,464	0.960	126.193	1.405	184.694
17	21	59,329	0.918	54.458	1.365	80.978
19	15	27,225	1.086	29.569	1.515	41.245
			Total for Gorham:	**431.275**		**682.623**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	273,884	0.687	188.131	1.853	507.507
2	55	81,665	0.698	56.994	1.617	132.052
6	53	133,876	0.699	93.566	1.448	193.853
7	41	30,614	0.742	22.713	1.279	39.149
9	31	62,301	0.800	49.834	1.255	78.181
			Total for Gray:	**411.238**		**950.742**

Harpswell

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	88,818	0.742	65.894	1.279	113.580
8	35	10,295	0.770	7.925	1.245	12.815
9	31	8,274	0.800	6.618	1.255	10.383
			Total for Harpswell:	**80.437**		**136.779**

Long Island

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	15	187	1.086	0.203	1.515	0.284
			Total for Long Island:	**0.203**		**0.284**

New Gloucester

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	185,413	0.687	127.360	1.853	343.571
2	55	27,754	0.698	19.370	1.617	44.879
6	53	79,785	0.699	55.762	1.448	115.528
7	41	30,265	0.742	22.454	1.279	38.703
8	35	3,179	0.770	2.447	1.245	3.957
9	31	51,541	0.800	41.228	1.255	64.679
			Total for New Gloucester:	**268.620**		**611.317**

North Yarmouth

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,093	0.742	31.229	1.279	53.828
8	35	7,875	0.770	6.062	1.245	9.803
9	31	14,368	0.800	11.493	1.255	18.030
17	21	14,333	0.918	13.156	1.365	19.563
19	15	327	1.086	0.355	1.515	0.495
			Total for North Yarmouth:	**62.295**		**101.719**

Portland

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	644,400	0.690	444.572	1.778	1,145.744
12	55	29,549	0.698	20.622	1.617	47.780
14	19	486,575	0.960	467.063	1.405	683.589
16	19	182,194	0.960	174.888	1.405	255.964
17	21	205,557	0.918	188.681	1.365	280.565
19	15	159,488	1.086	173.220	1.515	241.625
			Total for Portland:	**1,469.046**		**2,655.266**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2009 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Pownal

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	23,380	0.742	17.345	1.279	29.898
9	31	22,865	0.800	18.289	1.255	28.693
			Total for Pownal:	**35.635**		**58.590**

Raymond

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	75,814	0.698	52.910	1.617	122.591
8	35	55,296	0.770	42.567	1.245	68.832
9	31	44,894	0.800	35.910	1.255	56.337
			Total for Raymond:	**131.387**		**247.760**

Scarborough

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	446,205	0.687	306.498	1.853	826.817
7	41	13,047	0.742	9.680	1.279	16.685
8	35	49,942	0.770	38.445	1.245	62.167
9	31	34,210	0.800	27.365	1.255	42.931
11	59	63,536	0.690	43.834	1.778	112.967
12	55	22,279	0.698	15.548	1.617	36.025
16	19	278,497	0.960	267.329	1.405	391.260
17	21	214,671	0.918	197.046	1.365	293.004
19	15	41,014	1.086	44.546	1.515	62.137
			Total for Scarborough:	**950.291**		**1,843.993**

South Portland

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	247,299	0.690	170.611	1.778	439.697
12	55	83,071	0.698	57.975	1.617	134.326
14	19	39,202	0.960	37.630	1.405	55.075
16	19	212,813	0.960	204.279	1.405	298.980
17	21	137,310	0.918	126.036	1.365	187.414
19	15	81,509	1.086	88.527	1.515	123.487
			Total for South Portland:	**685.059**		**1,238.979**

Standish

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	83,555	0.699	58.397	1.448	120.988
7	41	217,397	0.742	161.287	1.279	278.008
9	31	52,789	0.800	42.226	1.255	66.246
			Total for Standish:	**261.910**		**465.241**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Westbrook

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	23,051	0.698	16.088	1.617	37.274
14	19	101,321	0.960	97.258	1.405	142.346
16	19	132,893	0.960	127.564	1.405	186.702
17	21	111,446	0.918	102.297	1.365	152.113
19	15	46,874	1.086	50.910	1.515	71.015
			Total for Westbrook:	**394.117**		**589.450**

Windham

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	173,037	0.698	120.763	1.617	279.802
6	53	87,383	0.699	61.072	1.448	126.531
7	41	66,039	0.742	48.995	1.279	84.451
8	35	30,475	0.770	23.459	1.245	37.935
9	31	57,615	0.800	46.086	1.255	72.301
14	19	34,314	0.960	32.938	1.405	48.207
16	19	9,925	0.960	9.527	1.405	13.944
17	21	55,290	0.918	50.751	1.365	75.465
19	15	11,575	1.086	12.572	1.515	17.537
			Total for Windham:	**406.163**		**756.173**

Yarmouth

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	3,221	0.800	2.577	1.255	4.042
11	59	161,583	0.690	111.476	1.778	287.294
17	21	99,618	0.918	91.440	1.365	135.969
19	15	34,287	1.086	37.239	1.515	51.944
			Total for Yarmouth:	**242.731**		**479.250**
		Total for Cumberland County:		**8,152.954 kg**		**15,689.869 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	18,960	0.753	14.273	1.279	24.246
9	31	1,320	0.812	1.071	1.255	1.656
			Total for Arrowsic:	**15.344**		**25.902**

Bath

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,011	0.753	0.761	1.279	1.293
8	35	3,129	0.781	2.444	1.245	3.895
9	31	9,917	0.812	8.051	1.255	12.445
12	55	36,415	0.708	25.778	1.617	58.883
14	19	5,307	0.974	5.168	1.405	7.456
16	27	3,096	0.848	2.625	1.284	3.974
17	21	61,052	0.931	56.833	1.365	83.329
19	15	25,090	1.102	27.649	1.515	38.011
			Total for Bath:	**129.309**		**209.287**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Bowdoin

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	13,380	0.696	9.312	1.853	24.792
7	41	53,876	0.753	40.558	1.279	68.897
8	35	21,123	0.781	16.495	1.245	26.293
9	31	16,047	0.812	13.027	1.255	20.137
			Total for Bowdoin:	**79.392**		**140.120**

Bowdoinham

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	237,963	0.696	165.622	1.853	440.945
7	41	36,745	0.753	27.661	1.279	46.989
8	35	3,113	0.781	2.431	1.245	3.875
9	31	11,311	0.812	9.182	1.255	14.194
			Total for Bowdoinham:	**204.896**		**506.003**

Georgetown

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	19,055	0.753	14.345	1.279	24.368
9	31	10,785	0.812	8.755	1.255	13.534
			Total for Georgetown:	**23.100**		**37.902**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	47	0.812	0.038	1.255	0.059
			Total for Perkins Twp Swan Island:	**0.038**		**0.059**

Phippsburg

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,244	0.753	31.801	1.279	54.022
8	35	13,071	0.781	10.207	1.245	16.271
9	31	17,905	0.812	14.535	1.255	22.469
			Total for Phippsburg:	**56.544**		**92.761**

Richmond

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	166,336	0.696	115.770	1.853	308.220
7	41	61,909	0.753	46.605	1.279	79.169
8	35	6,708	0.781	5.239	1.245	8.351
9	31	11,433	0.812	9.281	1.255	14.347
			Total for Richmond:	**176.895**		**410.087**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Topsham

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	173,289	0.696	120.609	1.853	321.104
2	55	98,731	0.708	69.891	1.617	159.647
7	41	33,618	0.753	25.308	1.279	42.991
8	35	17,027	0.781	13.296	1.245	21.195
9	31	14,463	0.812	11.741	1.255	18.150
14	19	59,025	0.974	57.484	1.405	82.924
16	27	20,701	0.848	17.553	1.284	26.576
17	21	27,984	0.931	26.050	1.365	38.195
19	15	21,722	1.102	23.938	1.515	32.909
			Total for Topsham:	**365.870**		**743.692**

West Bath

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	74,788	0.708	52.943	1.617	120.933
7	41	27,262	0.753	20.523	1.279	34.862
8	35	11,569	0.781	9.034	1.245	14.401
9	31	8,760	0.812	7.112	1.255	10.993
			Total for West Bath:	**89.611**		**181.189**

Woolwich

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	146,704	0.708	103.852	1.617	237.221
7	41	1,292	0.753	0.973	1.279	1.652
8	35	42,683	0.781	33.331	1.245	53.132
9	31	15,100	0.812	12.258	1.255	18.949
			Total for Woolwich:	**150.414**		**310.954**
		Total for Sagadahoc County:		**1,291.413 kg**		**2,657.956 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	98,792	0.710	70.142	1.617	159.747
6	47	24,604	0.732	18.008	1.345	33.090
8	35	616	0.784	0.483	1.245	0.767
9	31	32,768	0.815	26.699	1.255	41.120
			Total for Alfred:	**115.332**		**234.724**

Arundel

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	219,058	0.699	153.100	1.853	405.914
2	55	64,737	0.710	45.964	1.617	104.680
6	47	62,734	0.732	45.915	1.345	84.370
7	41	19,278	0.755	14.553	1.279	24.652
9	31	55,266	0.815	45.031	1.255	69.353
			Total for Arundel:	**304.561**		**688.971**

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2009 Portland, Maine Ozone Maintenance Area

31 York County

Berwick

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	66,638	0.732	48.772	1.345	89.621
8	35	9,243	0.784	7.244	1.245	11.505
9	31	31,536	0.815	25.695	1.255	39.574
14	19	2,391	0.977	2.336	1.405	3.359
16	19	26,058	0.977	25.456	1.405	36.609
17	21	12,856	0.934	12.006	1.365	17.547
19	15	30,212	1.104	33.357	1.515	45.771
			Total for Berwick:	**154.867**		**243.986**

Biddeford

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	174,273	0.699	121.800	1.853	322.929
2	55	33,848	0.710	24.032	1.617	54.732
6	47	44,334	0.732	32.448	1.345	59.624
7	41	17,665	0.755	13.336	1.279	22.591
8	35	31,049	0.784	24.336	1.245	38.649
9	31	28,207	0.815	22.983	1.255	35.396
16	19	54,162	0.977	52.911	1.405	76.092
17	21	116,435	0.934	108.739	1.365	158.923
19	15	32,725	1.104	36.132	1.515	49.579
			Total for Biddeford:	**436.716**		**818.515**

Buxton

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	47,760	0.710	33.909	1.617	77.227
7	41	36,100	0.755	27.252	1.279	46.164
8	35	88,287	0.784	69.199	1.245	109.899
9	31	48,153	0.815	39.235	1.255	60.427
			Total for Buxton:	**169.595**		**293.718**

Dayton

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	65,941	0.755	49.779	1.279	84.325
8	35	3,196	0.784	2.505	1.245	3.978
9	31	14,328	0.815	11.674	1.255	17.980
			Total for Dayton:	**63.958**		**106.283**

Eliot

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	312	0.755	0.236	1.279	0.399
8	35	2,144	0.784	1.681	1.245	2.669
9	31	3,752	0.815	3.057	1.255	4.709
16	19	93,943	0.977	91.773	1.405	131.981
17	21	39,170	0.934	36.581	1.365	53.463
19	15	16,011	1.104	17.678	1.515	24.257
			Total for Eliot:	**151.005**		**217.478**

HPMS Functional Class Codes:
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2009 Portland, Maine Ozone Maintenance Area

31 York County

Hollis

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	50,800	0.710	36.068	1.617	82.144
7	41	74,009	0.755	55.869	1.279	94.643
8	35	28,814	0.784	22.585	1.245	35.868
9	31	22,448	0.815	18.291	1.255	28.171
			Total for Hollis:	**132.813**		**240.825**

Kennebunk

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	246,647	0.699	172.381	1.853	457.036
6	47	46,153	0.732	33.779	1.345	62.071
7	41	123,429	0.755	93.177	1.279	157.841
8	35	45,316	0.784	35.519	1.245	56.409
9	31	49,415	0.815	40.263	1.255	62.011
			Total for Kennebunk:	**375.119**		**795.368**

Kennebunkport

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	35,819	0.755	27.040	1.279	45.805
9	31	44,987	0.815	36.655	1.255	56.454
			Total for Kennebunkport:	**63.695**		**102.259**

Kittery

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	150,816	0.699	105.405	1.853	279.462
6	47	13,676	0.732	10.010	1.345	18.393
7	41	2,842	0.755	2.145	1.279	3.634
8	35	4,385	0.784	3.437	1.245	5.459
9	31	10,500	0.815	8.555	1.255	13.176
11	59	153,223	0.702	107.547	1.778	272.430
12	55	19,656	0.710	13.956	1.617	31.784
14	19	32,366	0.977	31.618	1.405	45.470
16	19	82,880	0.977	80.966	1.405	116.438
17	21	39,364	0.934	36.762	1.365	53.728
19	15	15,919	1.104	17.577	1.515	24.118
			Total for Kittery:	**417.978**		**864.094**

Limington

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	43,031	0.732	31.494	1.345	57.872
7	41	35,191	0.755	26.566	1.279	45.002
8	35	4,119	0.784	3.228	1.245	5.127
9	31	18,318	0.815	14.925	1.255	22.987
			Total for Limington:	**76.213**		**130.988**

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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2009 Portland, Maine Ozone Maintenance Area

31 York County

Lyman

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	91,438	0.710	64.921	1.617	147.856
7	41	23,784	0.755	17.955	1.279	30.416
8	35	24,785	0.784	19.427	1.245	30.853
9	31	27,782	0.815	22.637	1.255	34.864
			Total for Lyman:	**124.940**		**243.988**

North Berwick

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	99,269	0.732	72.655	1.345	133.507
8	35	5,213	0.784	4.086	1.245	6.490
9	31	50,495	0.815	41.143	1.255	63.366
			Total for North Berwick:	**117.885**		**203.363**

Ogunquit

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	75,713	0.699	52.916	1.853	140.296
6	47	37,492	0.732	27.440	1.345	50.422
7	41	7,863	0.755	5.936	1.279	10.055
9	31	11,709	0.815	9.541	1.255	14.694
			Total for Ogunquit:	**95.832**		**215.468**

Old Orchard Beach

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	1,078	0.710	0.766	1.617	1.744
17	21	85,489	0.934	79.838	1.365	116.684
19	15	29,020	1.104	32.041	1.515	43.965
			Total for Old Orchard Beach:	**112.645**		**162.393**

Saco

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	369,119	0.699	257.977	1.853	683.977
6	47	48,141	0.732	35.234	1.345	64.745
7	41	52,081	0.755	39.316	1.279	66.602
8	35	3,389	0.784	2.657	1.245	4.219
9	31	48,788	0.815	39.753	1.255	61.224
11	59	150,868	0.702	105.894	1.778	268.243
12	55	9,566	0.710	6.792	1.617	15.469
16	19	59,248	0.977	57.879	1.405	83.237
17	21	128,594	0.934	120.094	1.365	175.518
19	15	33,538	1.104	37.029	1.515	50.809
			Total for Saco:	**702.625**		**1,474.043**

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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2009 Portland, Maine Ozone Maintenance Area

31 York County

Sanford

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	39,872	0.710	28.309	1.617	64.473
6	47	65,757	0.732	48.128	1.345	88.437
7	41	29,253	0.755	22.083	1.279	37.409
8	35	14,748	0.784	11.560	1.245	18.359
9	31	46,484	0.815	37.875	1.255	58.333
14	19	144,802	0.977	141.457	1.405	203.433
16	19	51,482	0.977	50.293	1.405	72.327
17	21	108,559	0.934	101.383	1.365	148.172
19	15	31,606	1.104	34.896	1.515	47.883
			Total for Sanford:	**475.984**		**738.825**

South Berwick

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	25,738	0.732	18.838	1.345	34.615
7	41	9,883	0.755	7.460	1.279	12.638
9	31	22,102	0.815	18.009	1.255	27.736
16	19	60,025	0.977	58.639	1.405	84.330
17	21	6,341	0.934	5.922	1.365	8.655
19	15	26,081	1.104	28.796	1.515	39.512
			Total for South Berwick:	**137.663**		**207.486**

Wells

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	473,631	0.699	331.021	1.853	877.638
2	55	67,235	0.710	47.737	1.617	108.718
6	47	189,928	0.732	139.008	1.345	255.434
7	41	15,445	0.755	11.659	1.279	19.751
8	35	33,919	0.784	26.586	1.245	42.222
9	31	84,693	0.815	69.008	1.255	106.281
			Total for Wells:	**625.018**		**1,410.044**

York

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	579,284	0.699	404.862	1.853	1,073.414
6	47	164,703	0.732	120.546	1.345	221.509
7	41	105,163	0.755	79.388	1.279	134.483
8	35	15,311	0.784	12.001	1.245	19.059
9	31	107,923	0.815	87.935	1.255	135.432
			Total for York:	**704.732**		**1,583.896**
			Total for York County:	**5,559.176 kg**		**10,976.715 kg**
		2009 Portland, Maine Ozone Maintenance Area:		**15,092.981 kg**		**29,467.818 kg**
				16.632 tons		**32.474 tons**

HPMS Functional Class Codes:
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2009 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	125,075	0.808	101.048	1.376	172.091
7	41	97,849	0.844	82.575	1.282	125.432
8	35	824	0.877	0.723	1.249	1.030
9	31	93,028	0.912	84.833	1.259	117.114
			Total for Bar Harbor:	**269.179**		**415.667**

Blue Hill

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	58,163	0.844	49.084	1.282	74.560
8	35	40,144	0.877	35.202	1.249	50.132
9	31	14,892	0.912	13.580	1.259	18.748
			Total for Blue Hill:	**97.867**		**143.439**

Brooklin

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	12,625	0.877	11.071	1.249	15.767
9	31	5,486	0.912	5.003	1.259	6.906
			Total for Brooklin:	**16.074**		**22.673**

Brooksville

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,164	0.844	0.982	1.282	1.492
8	35	14,727	0.877	12.914	1.249	18.391
9	31	11,339	0.912	10.340	1.259	14.275
			Total for Brooksville:	**24.236**		**34.158**

Cranberry Isles

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	347	0.912	0.316	1.259	0.436
			Total for Cranberry Isles:	**0.316**		**0.436**

Deer Isle

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	40,287	0.844	33.998	1.282	51.644
8	35	10,169	0.877	8.917	1.249	12.699
9	31	18,538	0.912	16.905	1.259	23.338
			Total for Deer Isle:	**59.820**		**87.680**

Frenchboro

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.912	0.000	1.259	0.000
			Total for Frenchboro:	**0.000**		**0.000**

Gouldsboro

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	43,019	0.808	34.755	1.376	59.190
7	41	21,329	0.844	18.000	1.282	27.342
8	35	12,231	0.877	10.726	1.249	15.275
9	31	4,630	0.912	4.222	1.259	5.829
			Total for Gouldsboro:	**67.703**		**107.636**

HPMS Functional Class Codes:
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2009 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Hancock

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	107,040	0.808	86.478	1.376	147.277
7	41	25,135	0.844	21.211	1.282	32.220
8	35	2,832	0.877	2.484	1.249	3.537
9	31	12,562	0.912	11.455	1.259	15.814
			Total for Hancock:	**121.628**		**198.848**

Lamoine

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	18,074	0.844	15.252	1.282	23.169
8	35	11,371	0.877	9.971	1.249	14.200
9	31	5,963	0.912	5.438	1.259	7.507
			Total for Lamoine:	**30.661**		**44.876**

Mount Desert

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	104,154	0.844	87.895	1.282	133.515
8	35	6,747	0.877	5.917	1.249	8.426
9	31	39,660	0.912	36.166	1.259	49.928
			Total for Mount Desert:	**129.978**		**191.869**

Sedgwick

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	32,783	0.844	27.665	1.282	42.024
8	35	19,005	0.877	16.665	1.249	23.733
9	31	3,024	0.912	2.758	1.259	3.807
			Total for Sedgwick:	**47.088**		**69.564**

Sorrento

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	2,128	0.877	1.866	1.249	2.658
9	31	2,473	0.912	2.255	1.259	3.113
			Total for Sorrento:	**4.121**		**5.771**

Southwest Harbor

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	38,893	0.844	32.821	1.282	49.856
8	35	11,594	0.877	10.167	1.249	14.479
9	31	9,340	0.912	8.517	1.259	11.758
			Total for Southwest Harbor:	**51.505**		**76.093**

Stonington

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,151	0.844	7.722	1.282	11.730
8	35	7,167	0.877	6.285	1.249	8.950
9	31	11,850	0.912	10.806	1.259	14.918
			Total for Stonington:	**24.812**		**35.598**

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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2009 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Sullivan

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	57,928	0.808	46.800	1.376	79.703
7	41	3,098	0.844	2.614	1.282	3.971
8	35	4,349	0.877	3.814	1.249	5.431
9	31	4,746	0.912	4.328	1.259	5.975
			Total for Sullivan:	**57.555**		**95.079**

Surry

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,682	0.844	36.019	1.282	54.714
8	35	12,628	0.877	11.073	1.249	15.770
9	31	6,166	0.912	5.623	1.259	7.762
			Total for Surry:	**52.715**		**78.246**

Swans Island

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,197	0.844	1.010	1.282	1.534
9	31	1,447	0.912	1.319	1.259	1.821
			Total for Swans Island:	**2.329**		**3.355**

Tremont

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,141	0.844	3.494	1.282	5.308
8	35	17,004	0.877	14.911	1.249	21.235
9	31	7,177	0.912	6.545	1.259	9.035
			Total for Tremont:	**24.950**		**35.578**

Trenton

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	110,802	0.808	89.517	1.376	152.452
7	41	4,085	0.844	3.447	1.282	5.236
8	35	17,948	0.877	15.738	1.249	22.413
9	31	6,333	0.912	5.775	1.259	7.972
			Total for Trenton:	**114.477**		**188.074**

Winter Harbor

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	7,376	0.844	6.225	1.282	9.455
8	35	692	0.877	0.607	1.249	0.864
9	31	8,453	0.912	7.708	1.259	10.642
			Total for Winter Harbor:	**14.540**		**20.961**
			Total for Hancock County:	**1,211.556 kg**		**1,855.601 kg**

HPMS Functional Class Codes:
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2009 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Camden

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	51,905	0.731	37.937	1.552	80.556
7	41	15,583	0.771	12.013	1.279	19.928
8	35	27,401	0.800	21.916	1.245	34.109
9	31	33,401	0.830	27.720	1.255	41.915
			Total for Camden:	**99.586**		**176.509**

Cushing

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,287	0.771	7.159	1.279	11.876
8	35	21,382	0.800	17.101	1.245	26.617
9	31	1,501	0.830	1.246	1.255	1.884
			Total for Cushing:	**25.506**		**40.376**

Friendship

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	11,751	0.771	9.059	1.279	15.027
8	35	1,431	0.800	1.145	1.245	1.781
9	31	3,322	0.830	2.757	1.255	4.169
			Total for Friendship:	**12.960**		**20.977**

Isle Au Haut

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	2,536	0.830	2.105	1.255	3.183
			Total for Isle Au Haut:	**2.105**		**3.183**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	198	0.830	0.164	1.255	0.248
			Total for Matinicus Isle Plt:	**0.164**		**0.248**

North Haven

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,097	0.771	0.846	1.279	1.403
8	35	139	0.800	0.111	1.245	0.173
9	31	1,395	0.830	1.158	1.255	1.750
			Total for North Haven:	**2.115**		**3.326**

Owls Head

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	15,493	0.771	11.943	1.279	19.812
8	35	14,042	0.800	11.230	1.245	17.479
9	31	2,942	0.830	2.442	1.255	3.692
			Total for Owls Head:	**25.616**		**40.983**

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2009 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Rockland

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	15,761	0.727	11.458	1.448	22.822
7	41	8,204	0.771	6.325	1.279	10.492
9	31	3,823	0.830	3.173	1.255	4.797
14	19	61,031	0.992	60.543	1.405	85.743
16	19	21,764	0.992	21.590	1.405	30.576
17	21	36,101	0.950	34.292	1.365	49.274
19	15	19,829	1.120	22.209	1.515	30.041
			Total for Rockland:	**159.590**		**233.746**

Rockport

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	90,811	0.731	66.374	1.552	140.939
6	53	103,966	0.727	75.584	1.448	150.543
7	41	5,987	0.771	4.616	1.279	7.657
8	35	9,143	0.800	7.313	1.245	11.382
9	31	40,789	0.830	33.851	1.255	51.186
			Total for Rockport:	**187.737**		**361.707**

Saint George

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	45,175	0.771	34.825	1.279	57.770
9	31	13,279	0.830	11.021	1.255	16.664
			Total for Saint George:	**45.846**		**74.434**

South Thomaston

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,651	0.771	32.109	1.279	53.263
8	35	4,766	0.800	3.812	1.245	5.932
9	31	6,721	0.830	5.578	1.255	8.434
			Total for South Thomaston:	**41.498**		**67.630**

Thomaston

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	76,141	0.731	55.651	1.552	118.171
7	41	17,694	0.771	13.641	1.279	22.628
8	35	7,480	0.800	5.983	1.245	9.312
9	31	15,597	0.830	12.944	1.255	19.572
			Total for Thomaston:	**88.218**		**169.682**

Vinalhaven

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,645	0.771	3.581	1.279	5.939
9	31	11,792	0.830	9.786	1.255	14.797
			Total for Vinalhaven:	**13.366**		**20.737**

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2009 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	73,791	0.731	53.934	1.552	114.523
6	53	45,430	0.727	33.028	1.448	65.782
7	41	23,274	0.771	17.942	1.279	29.763
8	35	7,337	0.800	5.868	1.245	9.133
9	31	27,722	0.830	23.006	1.255	34.788
			Total for Warren:	**133.777**		**253.990**
			Total for Knox County:	**838.084 kg**		**1,467.527 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	13,517	0.771	10.420	1.279	17.286
8	35	7,587	0.800	6.068	1.245	9.444
9	31	2,534	0.830	2.103	1.255	3.179
			Total for Alna:	**18.591**		**29.909**

Boothbay

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	57,691	0.727	41.941	1.448	83.536
7	41	4,379	0.771	3.376	1.279	5.600
8	35	23,180	0.800	18.539	1.245	28.854
9	31	23,566	0.830	19.558	1.255	29.573
			Total for Boothbay:	**83.414**		**147.563**

Boothbay Harbor

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	21,235	0.727	15.437	1.448	30.748
7	41	17,736	0.771	13.672	1.279	22.680
8	35	11,193	0.800	8.952	1.245	13.933
9	31	13,004	0.830	10.792	1.255	16.319
			Total for Boothbay Harbor:	**48.854**		**83.680**

Bremen

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	8,889	0.771	6.852	1.279	11.367
8	35	4,648	0.800	3.717	1.245	5.786
9	31	2,441	0.830	2.026	1.255	3.063
			Total for Bremen:	**12.595**		**20.215**

Bristol

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	66,250	0.771	51.072	1.279	84.720
8	35	11,987	0.800	9.587	1.245	14.922
9	31	15,549	0.830	12.904	1.255	19.513
			Total for Bristol:	**73.564**		**119.155**

HPMS Functional Class Codes:
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2009 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	23,907	0.738	17.641	1.504	35.954
7	41	46,834	0.771	36.104	1.279	59.892
8	35	18,323	0.800	14.655	1.245	22.808
9	31	10,241	0.830	8.499	1.255	12.851
			Total for Damariscotta:	**76.899**		**131.505**

Dresden

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	28,159	0.727	20.471	1.448	40.774
7	41	12,418	0.771	9.573	1.279	15.880
8	35	27,293	0.800	21.829	1.245	33.974
9	31	7,489	0.830	6.215	1.255	9.398
			Total for Dresden:	**58.089**		**100.027**

Edgecomb

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	50,777	0.738	37.468	1.504	76.364
6	53	41,782	0.727	30.375	1.448	60.500
7	41	478	0.771	0.369	1.279	0.611
8	35	12,318	0.800	9.852	1.245	15.334
9	31	6,102	0.830	5.064	1.255	7.658
			Total for Edgecomb:	**83.129**		**160.467**

Monhegan Island Plt

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	25	0.830	0.021	1.255	0.032
			Total for Monhegan Island Plt:	**0.021**		**0.032**

Newcastle

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	88,410	0.738	65.238	1.504	132.960
7	41	21,208	0.771	16.349	1.279	27.121
8	35	24,919	0.800	19.930	1.245	31.019
9	31	9,241	0.830	7.669	1.255	11.597
			Total for Newcastle:	**109.186**		**202.697**

Nobleboro

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	53,730	0.738	39.648	1.504	80.805
7	41	785	0.771	0.605	1.279	1.004
8	35	14,849	0.800	11.876	1.245	18.484
9	31	14,795	0.830	12.278	1.255	18.566
			Total for Nobleboro:	**64.408**		**118.860**

HPMS Functional Class Codes:
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2009 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	24,736	0.771	19.069	1.279	31.632
8	35	1,175	0.800	0.940	1.245	1.462
9	31	4,292	0.830	3.562	1.255	5.386
			Total for South Bristol:	**23.570**		**38.480**

Southport

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	528	0.771	0.407	1.279	0.676
8	35	11,129	0.800	8.901	1.245	13.853
9	31	2,852	0.830	2.367	1.255	3.578
			Total for Southport:	**11.675**		**18.107**

Waldoboro

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	93,886	0.738	69.278	1.504	141.195
7	41	72,840	0.771	56.152	1.279	93.147
8	35	11,888	0.800	9.508	1.245	14.799
9	31	24,138	0.830	20.032	1.255	30.290
			Total for Waldoboro:	**154.971**		**279.431**

Westport Island

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	6,640	0.800	5.311	1.245	8.265
9	31	2,862	0.830	2.375	1.255	3.591
			Total for Westport Island:	**7.686**		**11.857**

Wiscasset

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	104,507	0.738	77.116	1.504	157.168
6	53	36,001	0.727	26.173	1.448	52.129
7	41	8,210	0.771	6.329	1.279	10.499
8	35	13,233	0.800	10.584	1.245	16.473
9	31	20,818	0.830	17.277	1.255	26.124
			Total for Wiscasset:	**137.478**		**262.393**
			Total for Lincoln County:	**964.129 kg**		**1,724.378 kg**

27 Waldo County

Isleboro

HPMS FFC	Avg Speed	2009 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	738	0.844	0.622	1.282	0.946
8	35	1,866	0.877	1.637	1.249	2.331
9	31	11,464	0.912	10.454	1.259	14.432
			Total for Isleboro:	**12.713**		**17.708**
			Total for Waldo County:	**12.713 kg**		**17.708 kg**
			2009 MidCoast, Maine Ozone Maintenance Area:	**3,026.482 kg**		**5,065.214 kg**
				3.335 tons		**5.582 tons**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	366	0.457	0.167	0.681	0.257
7	41	65,658	0.483	31.680	0.614	41.579
8	35	24,300	0.500	12.138	0.600	15.035
9	31	28,091	0.518	14.537	0.605	17.528
			Total for Durham:	**58.522**		**74.399**
		Total for Androscoggin County:		**58.522 kg**		**74.399 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	200,313	0.440	88.077	0.838	173.162
7	41	44,754	0.470	21.012	0.614	28.337
9	31	60,953	0.505	30.751	0.605	38.027
12	55	258,418	0.445	114.893	0.748	200.062
14	19	59,631	0.604	35.999	0.675	41.661
16	19	68,408	0.604	41.298	0.675	47.793
17	21	156,912	0.577	90.491	0.657	106.687
19	15	47,580	0.686	32.631	0.726	35.762
			Total for Brunswick:	**455.152**		**671.490**

Cape Elizabeth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	21	74,479	0.577	42.952	0.657	52.481
19	15	30,094	0.686	20.638	0.726	21.793
			Total for Cape Elizabeth:	**63.590**		**74.274**

Casco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	68,261	0.445	30.349	0.748	52.667
6	53	40,561	0.445	18.033	0.681	28.492
8	35	23,806	0.487	11.582	0.600	14.727
9	31	23,861	0.505	12.038	0.605	14.886
			Total for Casco:	**72.002**		**110.772**

Cumberland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	199,276	0.440	87.622	0.838	177.359
6	53	22,888	0.445	10.176	0.681	15.632
7	41	26,799	0.470	12.582	0.614	17.645
8	35	15,543	0.487	7.562	0.600	9.407
9	31	16,039	0.505	8.092	0.605	9.674
11	59	73,374	0.441	32.336	0.810	63.115
17	21	59,987	0.577	34.595	0.657	42.269
19	15	16,300	0.686	11.179	0.726	11.804
			Total for Cumberland:	**204.143**		**346.906**

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2016 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Falmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	305,922	0.440	134.514	0.838	272.276
6	53	29,713	0.445	13.211	0.681	20.294
7	41	75,917	0.470	35.643	0.614	49.985
8	35	14,527	0.487	7.067	0.600	8.792
9	31	33,480	0.505	16.891	0.605	20.193
11	59	220,195	0.441	97.040	0.810	189.408
14	19	10,000	0.604	6.037	0.675	7.029
16	19	26,675	0.604	16.104	0.675	18.058
17	21	135,611	0.577	78.207	0.657	95.557
19	15	15,059	0.686	10.327	0.726	10.905
			Total for Falmouth:	**415.040**		**692.498**

Freeport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	384,443	0.440	169.040	0.838	342.162
7	41	45,277	0.470	21.257	0.614	29.811
8	35	31,172	0.487	15.165	0.600	18.866
9	31	39,254	0.505	19.804	0.605	23.676
11	59	88,608	0.441	39.050	0.810	76.219
17	21	87,371	0.577	50.387	0.657	61.565
19	15	13,454	0.686	9.227	0.726	9.743
			Total for Freeport:	**323.929**		**562.042**

Frye Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.505	0.000	0.605	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	9,241	0.445	4.108	0.748	7.198
6	53	67,274	0.445	29.910	0.681	45.947
7	41	81,801	0.470	38.406	0.614	53.860
8	35	5,672	0.487	2.759	0.600	3.433
9	31	59,621	0.505	30.079	0.605	35.960
14	19	74,504	0.604	44.978	0.675	52.372
16	19	140,995	0.604	85.119	0.675	95.449
17	21	61,135	0.577	35.256	0.657	43.078
19	15	29,685	0.686	20.358	0.726	21.497
			Total for Gorham:	**290.973**		**358.794**

HPMS Functional Class Codes:
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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	65	286,891	0.440	126.146	0.838	248.005
2	55	85,543	0.445	38.032	0.748	66.000
6	53	140,234	0.445	62.348	0.681	98.508
7	41	32,068	0.470	15.056	0.614	20.304
9	31	65,259	0.505	32.923	0.605	40.714
			Total for Gray:	**274.505**		**473.531**

Harpswell

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	93,036	0.470	43.680	0.614	58.906
8	35	10,784	0.487	5.246	0.600	6.671
9	31	8,667	0.505	4.372	0.605	5.407
			Total for Harpswell:	**53.299**		**70.985**

Long Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	15	204	0.686	0.140	0.726	0.148
			Total for Long Island:	**0.140**		**0.148**

New Gloucester

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	194,218	0.440	85.398	0.838	167.893
2	55	29,073	0.445	12.926	0.748	22.431
6	53	83,574	0.445	37.157	0.681	58.707
7	41	31,702	0.470	14.884	0.614	20.072
8	35	3,330	0.487	1.620	0.600	2.060
9	31	53,989	0.505	27.237	0.605	33.682
			Total for New Gloucester:	**179.222**		**304.846**

North Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,374	0.470	20.364	0.614	28.558
8	35	8,904	0.487	4.332	0.600	5.389
9	31	15,667	0.505	7.904	0.605	9.449
17	21	14,769	0.577	8.517	0.657	10.407
19	15	356	0.686	0.244	0.726	0.258
			Total for North Yarmouth:	**41.361**		**54.061**

Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	657,260	0.441	289.655	0.810	565.365
12	55	34,288	0.445	15.244	0.748	23.909
14	19	536,417	0.604	323.835	0.675	377.074
16	19	195,402	0.604	117.964	0.675	132.281
17	21	211,813	0.577	122.152	0.657	149.251
19	15	173,904	0.686	119.264	0.726	125.936
			Total for Portland:	**988.114**		**1,373.816**

HPMS Functional Class Codes:
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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	41	24,490	0.470	11.498	0.614	15.506
9	31	23,950	0.505	12.083	0.605	14.942
			Total for Pownal:	**23.581**		**30.448**

Raymond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	79,414	0.445	35.307	0.748	61.272
8	35	57,922	0.487	28.179	0.600	35.831
9	31	47,026	0.505	23.724	0.605	29.338
			Total for Raymond:	**87.211**		**126.441**

Scarborough

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	455,109	0.440	200.112	0.838	405.055
7	41	13,444	0.470	6.312	0.614	8.852
8	35	56,467	0.487	27.471	0.600	34.175
9	31	37,303	0.505	18.819	0.605	22.499
11	59	64,804	0.441	28.559	0.810	55.744
12	55	25,852	0.445	11.494	0.748	18.027
16	19	298,686	0.604	180.317	0.675	202.201
17	21	221,204	0.577	127.568	0.657	155.869
19	15	44,722	0.686	30.670	0.726	32.386
			Total for Scarborough:	**631.322**		**934.808**

South Portland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	252,234	0.441	111.159	0.810	216.968
12	55	96,394	0.445	42.857	0.748	67.217
14	19	43,218	0.604	26.091	0.675	30.380
16	19	228,240	0.604	137.789	0.675	154.511
17	21	141,488	0.577	81.596	0.657	99.698
19	15	88,877	0.686	60.952	0.726	64.362
			Total for South Portland:	**460.444**		**633.136**

Standish

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	87,523	0.445	38.913	0.681	61.481
7	41	227,721	0.470	106.915	0.614	144.184
9	31	55,296	0.505	27.897	0.605	34.498
			Total for Standish:	**173.725**		**240.163**

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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	55	26,749	0.445	11.892	0.748	18.652
14	19	111,700	0.604	67.433	0.675	78.520
16	19	142,527	0.604	86.044	0.675	96.486
17	21	114,838	0.577	66.227	0.657	80.919
19	15	51,111	0.686	35.052	0.726	37.013
			Total for Westbrook:	**266.649**		**311.590**

Windham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	190,763	0.445	84.813	0.748	148.594
6	53	93,718	0.445	41.667	0.681	64.008
7	41	68,049	0.470	31.949	0.614	44.805
8	35	34,456	0.487	16.763	0.600	20.854
9	31	62,823	0.505	31.694	0.605	37.891
14	19	37,829	0.604	22.837	0.675	26.592
16	19	10,645	0.604	6.426	0.675	7.206
17	21	56,973	0.577	32.856	0.657	40.145
19	15	12,622	0.686	8.656	0.726	9.140
			Total for Windham:	**277.662**		**399.235**

Yarmouth

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	3,512	0.505	1.772	0.605	2.118
11	59	164,807	0.441	72.631	0.810	141.765
17	21	102,650	0.577	59.198	0.657	72.331
19	15	37,386	0.686	25.639	0.726	27.073
			Total for Yarmouth:	**159.240**		**243.288**
		Total for Cumberland County:		**5,441.303 kg**		**8,013.270 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	19,725	0.476	9.379	0.614	12.444
9	31	1,373	0.512	0.702	0.605	0.854
			Total for Arrowsic:	**10.082**		**13.297**

Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,045	0.476	0.497	0.614	0.656
8	35	3,232	0.493	1.592	0.600	1.983
9	31	10,243	0.512	5.240	0.605	6.337
12	55	37,899	0.450	17.039	0.748	29.143
14	19	5,523	0.612	3.379	0.675	3.833
16	27	3,216	0.534	1.716	0.619	2.043
17	21	63,474	0.585	37.107	0.657	42.835
19	15	26,063	0.694	18.085	0.726	19.433
			Total for Bath:	**84.654**		**106.262**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

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	65	13,845	0.444	6.143	0.838	11.882
7	41	55,648	0.476	26.460	0.614	34.938
8	35	21,817	0.493	10.745	0.600	13.383
9	31	16,575	0.512	8.478	0.605	10.254
			Total for Bowdoin:	**51.826**		**70.457**

Bowdoinham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	246,220	0.444	109.248	0.838	211.308
7	41	37,954	0.476	18.047	0.614	23.829
8	35	3,215	0.493	1.584	0.600	1.972
9	31	11,683	0.512	5.976	0.605	7.227
			Total for Bowdoinham:	**134.854**		**244.337**

Georgetown

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	19,824	0.476	9.426	0.614	12.506
9	31	11,220	0.512	5.739	0.605	6.975
			Total for Georgetown:	**15.166**		**19.481**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	48	0.512	0.025	0.605	0.030
			Total for Perkins Twp Swan Island:	**0.025**		**0.030**

Phippsburg

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,949	0.476	20.898	0.614	27.726
8	35	13,598	0.493	6.697	0.600	8.382
9	31	18,628	0.512	9.528	0.605	11.579
			Total for Phippsburg:	**37.123**		**47.687**

Richmond

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	172,107	0.444	76.364	0.838	147.703
7	41	63,946	0.476	30.406	0.614	40.148
8	35	6,929	0.493	3.413	0.600	4.250
9	31	11,809	0.512	6.040	0.605	7.305
			Total for Richmond:	**116.223**		**199.407**

2016 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Topsham

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	179,301	0.444	79.556	0.838	153.877
2	55	101,978	0.450	45.849	0.748	78.020
7	41	34,724	0.476	16.511	0.614	21.801
8	35	17,587	0.493	8.662	0.600	10.788
9	31	14,939	0.512	7.641	0.605	9.242
14	19	61,315	0.612	37.507	0.675	42.495
16	27	21,505	0.534	11.473	0.619	13.664
17	21	29,070	0.585	16.994	0.657	19.607
19	15	22,565	0.694	15.658	0.726	16.825
			Total for Topsham:	**239.850**		**366.319**

West Bath

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	77,372	0.450	34.787	0.748	59.259
7	41	28,164	0.476	13.392	0.614	17.685
8	35	12,016	0.493	5.918	0.600	7.398
9	31	9,113	0.512	4.661	0.605	5.664
			Total for West Bath:	**58.758**		**90.007**

Woolwich

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	151,774	0.450	68.237	0.748	116.242
7	41	1,344	0.476	0.639	0.614	0.848
8	35	44,157	0.493	21.747	0.600	27.116
9	31	15,606	0.512	7.982	0.605	9.658
			Total for Woolwich:	**98.606**		**153.864**
		Total for Sagadahoc County:		**847.166 kg**		**1,311.148 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	103,410	0.451	46.597	0.748	80.436
6	47	25,754	0.463	11.914	0.640	17.138
8	35	645	0.494	0.318	0.600	0.402
9	31	34,299	0.513	17.578	0.605	21.573
			Total for Alfred:	**76.407**		**119.549**

Arundel

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	230,579	0.445	102.539	0.838	201.861
2	55	67,763	0.451	30.534	0.748	52.708
6	47	65,715	0.463	30.400	0.640	43.757
7	41	20,290	0.477	9.668	0.614	13.010
9	31	57,947	0.513	29.698	0.605	36.496
			Total for Arundel:	**202.838**		**347.831**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	69,752	0.463	32.267	0.640	46.417
8	35	9,674	0.494	4.774	0.600	6.033
9	31	33,009	0.513	16.917	0.605	20.761
14	19	2,512	0.613	1.539	0.675	1.769
16	19	27,379	0.613	16.775	0.675	19.278
17	21	13,508	0.586	7.910	0.657	9.256
19	15	31,745	0.695	22.059	0.726	24.047
			Total for Berwick:	**102.243**		**127.561**

Biddeford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	177,751	0.445	79.046	0.838	158.202
2	55	37,315	0.451	16.814	0.748	29.066
6	47	47,548	0.463	21.996	0.640	30.515
7	41	18,203	0.477	8.674	0.614	11.985
8	35	35,105	0.494	17.324	0.600	21.247
9	31	30,756	0.513	15.763	0.605	18.550
16	19	58,088	0.613	35.591	0.675	39.324
17	21	119,979	0.586	70.260	0.657	84.542
19	15	35,684	0.695	24.796	0.726	25.841
			Total for Biddeford:	**290.263**		**419.272**

Buxton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	49,992	0.451	22.526	0.748	38.885
7	41	37,788	0.477	18.006	0.614	24.121
8	35	92,412	0.494	45.606	0.600	57.633
9	31	50,404	0.513	25.832	0.605	31.702
			Total for Buxton:	**111.970**		**152.342**

Dayton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	69,084	0.477	32.919	0.614	44.130
8	35	3,345	0.494	1.651	0.600	2.086
9	31	14,998	0.513	7.686	0.605	9.433
			Total for Dayton:	**42.256**		**55.649**

Eliot

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	327	0.477	0.156	0.614	0.209
8	35	2,244	0.494	1.108	0.600	1.400
9	31	3,928	0.513	2.013	0.605	2.470
16	19	98,708	0.613	60.478	0.675	69.501
17	21	41,156	0.586	24.101	0.657	28.201
19	15	16,823	0.695	11.690	0.726	12.743
			Total for Eliot:	**99.546**		**114.525**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

Hollis

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	53,175	0.451	23.960	0.748	41.361
7	41	77,565	0.477	36.960	0.614	49.562
8	35	30,161	0.494	14.884	0.600	18.810
9	31	23,497	0.513	12.042	0.605	14.779
			Total for Hollis:	**87.847**		**124.512**

Kennebunk

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	259,619	0.445	115.452	0.838	227.283
6	47	48,346	0.463	22.365	0.640	32.192
7	41	130,085	0.477	61.986	0.614	83.497
8	35	47,625	0.494	23.503	0.600	29.799
9	31	51,805	0.513	26.550	0.605	32.625
			Total for Kennebunk:	**249.856**		**405.396**

Kennebunkport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	38,007	0.477	18.110	0.614	24.528
9	31	47,521	0.513	24.354	0.605	30.110
			Total for Kennebunkport:	**42.465**		**54.638**

Kittery

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	158,219	0.445	70.360	0.838	138.139
6	47	14,348	0.463	6.637	0.640	9.565
7	41	2,981	0.477	1.421	0.614	1.906
8	35	4,590	0.494	2.265	0.600	2.863
9	31	11,002	0.513	5.638	0.605	6.925
11	59	161,382	0.447	72.090	0.810	136.616
12	55	20,654	0.451	9.307	0.748	16.115
14	19	34,007	0.613	20.836	0.675	23.945
16	19	87,147	0.613	53.395	0.675	61.397
17	21	41,362	0.586	24.221	0.657	28.343
19	15	16,727	0.695	11.624	0.726	12.671
			Total for Kittery:	**277.794**		**438.484**

Limington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	45,076	0.463	20.852	0.640	30.014
7	41	36,875	0.477	17.571	0.614	23.558
8	35	4,314	0.494	2.129	0.600	2.692
9	31	19,174	0.513	9.827	0.605	12.060
			Total for Limington:	**50.379**		**68.325**

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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2016 Portland, Maine Ozone Maintenance Area

31 York County

Lyman

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	95,712	0.451	43.128	0.748	74.448
7	41	24,947	0.477	11.887	0.614	15.950
8	35	25,944	0.494	12.803	0.600	16.180
9	31	29,081	0.513	14.904	0.605	18.291
			Total for Lyman:	**82.722**		**124.869**

North Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	103,909	0.463	48.068	0.640	69.146
8	35	5,457	0.494	2.693	0.600	3.403
9	31	52,855	0.513	27.088	0.605	33.243
			Total for North Berwick:	**77.849**		**105.792**

Ogunquit

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	79,695	0.445	35.440	0.838	69.769
6	47	39,741	0.463	18.384	0.640	26.715
7	41	8,343	0.477	3.975	0.614	5.384
9	31	12,334	0.513	6.321	0.605	7.797
			Total for Ogunquit:	**64.121**		**109.665**

Old Orchard Beach

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	1,251	0.451	0.564	0.748	0.873
17	21	88,091	0.586	51.586	0.657	62.072
19	15	31,643	0.695	21.989	0.726	22.915
			Total for Old Orchard Beach:	**74.138**		**85.859**

Saco

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	376,485	0.445	167.423	0.838	335.078
6	47	51,631	0.463	23.885	0.640	33.136
7	41	53,666	0.477	25.572	0.614	35.335
8	35	3,832	0.494	1.891	0.600	2.319
9	31	53,198	0.513	27.264	0.605	32.086
11	59	153,878	0.447	68.738	0.810	132.364
12	55	11,101	0.451	5.002	0.748	7.741
16	19	63,543	0.613	38.933	0.675	43.016
17	21	132,508	0.586	77.596	0.657	93.370
19	15	36,569	0.695	25.412	0.726	26.482
			Total for Saco:	**461.715**		**740.927**

HPMS Functional Class Codes:
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2016 Portland, Maine Ozone Maintenance Area

31 York County

Sanford

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	41,736	0.451	18.806	0.748	32.463
6	47	68,830	0.463	31.841	0.640	45.803
7	41	30,645	0.477	14.603	0.614	19.575
8	35	15,438	0.494	7.618	0.600	9.628
9	31	48,658	0.513	24.937	0.605	30.604
14	19	152,146	0.613	93.220	0.675	107.127
16	19	54,093	0.613	33.143	0.675	38.087
17	21	114,080	0.586	66.805	0.657	78.180
19	15	33,208	0.695	23.076	0.726	25.154
			Total for Sanford:	**314.049**		**386.621**

South Berwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	26,941	0.463	12.463	0.640	17.928
7	41	10,368	0.477	4.940	0.614	6.630
9	31	23,136	0.513	11.857	0.605	14.552
16	19	63,069	0.613	38.643	0.675	44.407
17	21	6,663	0.586	3.902	0.657	4.565
19	15	27,403	0.695	19.042	0.726	20.757
			Total for South Berwick:	**90.847**		**108.840**

Wells

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	498,540	0.445	221.701	0.838	436.447
2	55	70,377	0.451	31.712	0.748	54.742
6	47	200,444	0.463	92.725	0.640	134.274
7	41	16,248	0.477	7.742	0.614	10.414
8	35	35,519	0.494	17.529	0.600	22.160
9	31	89,063	0.513	45.645	0.605	56.228
			Total for Wells:	**417.054**		**714.264**

York

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	609,138	0.445	270.884	0.838	532.837
6	47	173,754	0.463	80.379	0.640	116.359
7	41	111,089	0.477	52.934	0.614	71.436
8	35	16,160	0.494	7.975	0.600	10.146
9	31	113,583	0.513	58.211	0.605	71.755
			Total for York:	**470.382**		**802.532**
			Total for York County:	**3,686.742 kg**		**5,607.453 kg**
		2016 Portland, Maine Ozone Maintenance Area:		**10,033.733 kg**		**15,006.270 kg**
				11.057 tons		**16.537 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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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	49	132,009	0.500	65.952	0.654	86.347
7	41	103,273	0.521	53.764	0.616	63.616
8	35	870	0.542	0.471	0.602	0.524
9	31	98,185	0.563	55.229	0.608	59.697
			Total for Bar Harbor:	**175.416**		**210.184**

Blue Hill

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	60,976	0.521	31.744	0.616	37.561
8	35	42,132	0.542	22.814	0.602	25.363
9	31	15,583	0.563	8.765	0.608	9.474
			Total for Blue Hill:	**63.324**		**72.399**

Brooklin

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	13,273	0.542	7.187	0.602	7.990
9	31	5,766	0.563	3.244	0.608	3.506
			Total for Brooklin:	**10.431**		**11.496**

Brooksville

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,219	0.521	0.635	0.616	0.751
8	35	15,478	0.542	8.381	0.602	9.318
9	31	11,907	0.563	6.698	0.608	7.240
			Total for Brooksville:	**15.714**		**17.308**

Cranberry Isles

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	362	0.563	0.204	0.608	0.220
			Total for Cranberry Isles:	**0.204**		**0.220**

Deer Isle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,185	0.521	21.961	0.616	25.986
8	35	10,648	0.542	5.766	0.602	6.410
9	31	19,422	0.563	10.925	0.608	11.808
			Total for Deer Isle:	**38.652**		**44.204**

Frenchboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.563	0.000	0.608	0.000
			Total for Frenchboro:	**0.000**		**0.000**

Gouldsboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	44,910	0.500	22.437	0.654	29.376
7	41	22,372	0.521	11.647	0.616	13.781
8	35	12,803	0.542	6.933	0.602	7.708
9	31	4,845	0.563	2.725	0.608	2.946
			Total for Gouldsboro:	**43.743**		**53.811**

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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2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Hancock

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	111,932	0.500	55.921	0.654	73.214
7	41	26,233	0.521	13.657	0.616	16.160
8	35	2,957	0.542	1.601	0.602	1.780
9	31	13,113	0.563	7.376	0.608	7.973
			Total for Hancock:	**78.555**		**99.127**

Lamoine

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	18,868	0.521	9.823	0.616	11.623
8	35	11,870	0.542	6.428	0.602	7.146
9	31	6,227	0.563	3.502	0.608	3.786
			Total for Lamoine:	**19.753**		**22.555**

Mount Desert

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	109,927	0.521	57.228	0.616	67.715
8	35	7,121	0.542	3.856	0.602	4.287
9	31	41,859	0.563	23.546	0.608	25.450
			Total for Mount Desert:	**84.630**		**97.453**

Sedgwick

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	34,327	0.521	17.871	0.616	21.145
8	35	19,954	0.542	10.805	0.602	12.012
9	31	3,171	0.563	1.784	0.608	1.928
			Total for Sedgwick:	**30.459**		**35.086**

Sorrento

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	2,222	0.542	1.203	0.602	1.338
9	31	2,578	0.563	1.450	0.608	1.567
			Total for Sorrento:	**2.653**		**2.905**

Southwest Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,048	0.521	21.370	0.616	25.286
8	35	12,237	0.542	6.626	0.602	7.366
9	31	9,857	0.563	5.545	0.608	5.993
			Total for Southwest Harbor:	**33.540**		**38.645**

Stonington

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,581	0.521	4.988	0.616	5.902
8	35	7,504	0.542	4.064	0.602	4.518
9	31	12,408	0.563	6.979	0.608	7.544
			Total for Stonington:	**16.031**		**17.964**

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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2016 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Sullivan

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	60,508	0.500	30.230	0.654	39.578
7	41	3,229	0.521	1.681	0.616	1.989
8	35	4,553	0.542	2.466	0.602	2.741
9	31	4,950	0.563	2.784	0.608	3.010
			Total for Sullivan:	**37.161**		**47.318**

Surry

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	44,651	0.521	23.245	0.616	27.505
8	35	13,252	0.542	7.176	0.602	7.978
9	31	6,480	0.563	3.645	0.608	3.940
			Total for Surry:	**34.066**		**39.422**

Swans Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,249	0.521	0.650	0.616	0.770
9	31	1,511	0.563	0.850	0.608	0.918
			Total for Swans Island:	**1.500**		**1.688**

Tremont

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,370	0.521	2.275	0.616	2.692
8	35	17,947	0.542	9.718	0.602	10.804
9	31	7,574	0.563	4.261	0.608	4.605
			Total for Tremont:	**16.254**		**18.101**

Trenton

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	116,944	0.500	58.425	0.654	76.493
7	41	4,264	0.521	2.220	0.616	2.627
8	35	18,868	0.542	10.217	0.602	11.359
9	31	6,616	0.563	3.721	0.608	4.022
			Total for Trenton:	**74.583**		**94.500**

Winter Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	7,754	0.521	4.037	0.616	4.777
8	35	728	0.542	0.394	0.602	0.438
9	31	8,873	0.563	4.991	0.608	5.395
			Total for Winter Harbor:	**9.422**		**10.610**
			Total for Hancock County:	**786.091 kg**		**934.995 kg**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2016 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Camden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	54,533	0.459	25.009	0.723	39.438
7	41	16,366	0.483	7.897	0.614	10.049
8	35	28,778	0.500	14.375	0.600	17.264
9	31	35,078	0.518	18.153	0.605	21.222
			Total for Camden:	**65.433**		**87.974**

Cushing

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,753	0.483	4.706	0.614	5.989
8	35	22,496	0.500	11.237	0.600	13.495
9	31	1,586	0.518	0.821	0.605	0.960
			Total for Cushing:	**16.764**		**20.444**

Friendship

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	12,341	0.483	5.955	0.614	7.577
8	35	1,503	0.500	0.751	0.600	0.902
9	31	3,516	0.518	1.820	0.605	2.127
			Total for Friendship:	**8.525**		**10.606**

Isle Au Haut

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	2,664	0.518	1.378	0.605	1.611
			Total for Isle Au Haut:	**1.378**		**1.611**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	205	0.518	0.106	0.605	0.124
			Total for Matinicus Isle Plt:	**0.106**		**0.124**

North Haven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,152	0.483	0.556	0.614	0.708
8	35	146	0.500	0.073	0.600	0.088
9	31	1,465	0.518	0.758	0.605	0.886
			Total for North Haven:	**1.387**		**1.681**

Owls Head

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	16,271	0.483	7.851	0.614	9.990
8	35	14,854	0.500	7.420	0.600	8.911
9	31	3,113	0.518	1.611	0.605	1.883
			Total for Owls Head:	**16.881**		**20.784**

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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2016 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Rockland

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	16,553	0.457	7.558	0.681	11.276
7	41	8,597	0.483	4.148	0.614	5.278
9	31	4,006	0.518	2.073	0.605	2.423
14	19	64,305	0.619	39.786	0.675	43.419
16	19	22,932	0.619	14.188	0.675	15.484
17	21	37,982	0.591	22.436	0.657	24.958
19	15	20,853	0.701	14.616	0.726	15.148
			Total for Rockland:	**104.804**		**117.985**

Rockport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	95,402	0.459	43.751	0.723	68.994
6	53	109,190	0.457	49.856	0.681	74.380
7	41	6,274	0.483	3.027	0.614	3.852
8	35	9,603	0.500	4.797	0.600	5.761
9	31	42,831	0.518	22.165	0.605	25.912
			Total for Rockport:	**123.596**		**178.900**

Saint George

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	47,426	0.483	22.883	0.614	29.120
9	31	13,946	0.518	7.217	0.605	8.437
			Total for Saint George:	**30.100**		**37.557**

South Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,706	0.483	21.088	0.614	26.836
8	35	5,005	0.500	2.500	0.600	3.002
9	31	7,068	0.518	3.657	0.605	4.276
			Total for South Thomaston:	**27.246**		**34.114**

Thomaston

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	79,966	0.459	36.672	0.723	57.831
7	41	18,545	0.483	8.948	0.614	11.387
8	35	7,852	0.500	3.922	0.600	4.710
9	31	16,342	0.518	8.457	0.605	9.887
			Total for Thomaston:	**58.000**		**83.816**

Vinalhaven

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,877	0.483	2.353	0.614	2.995
9	31	12,384	0.518	6.409	0.605	7.492
			Total for Vinalhaven:	**8.762**		**10.487**

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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2016 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	77,498	0.459	35.541	0.723	56.046
6	53	47,712	0.457	21.785	0.681	32.501
7	41	24,430	0.483	11.787	0.614	15.000
8	35	7,700	0.500	3.846	0.600	4.619
9	31	29,061	0.518	15.039	0.605	17.582
			Total for Warren:	**87.999**		**125.749**
			Total for Knox County:	**550.981 kg**		**731.833 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	13,971	0.483	6.741	0.614	8.578
8	35	7,835	0.500	3.914	0.600	4.700
9	31	2,615	0.518	1.353	0.605	1.582
			Total for Alna:	**12.008**		**14.861**

Boothbay

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	60,016	0.457	27.403	0.681	40.883
7	41	4,555	0.483	2.198	0.614	2.797
8	35	24,120	0.500	12.048	0.600	14.469
9	31	24,516	0.518	12.687	0.605	14.832
			Total for Boothbay:	**54.336**		**72.982**

Boothbay Harbor

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	22,090	0.457	10.086	0.681	15.048
7	41	18,450	0.483	8.902	0.614	11.329
8	35	11,644	0.500	5.816	0.600	6.985
9	31	13,528	0.518	7.001	0.605	8.185
			Total for Boothbay Harbor:	**31.806**		**41.546**

Bremen

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,238	0.483	4.457	0.614	5.672
8	35	4,830	0.500	2.413	0.600	2.898
9	31	2,537	0.518	1.313	0.605	1.535
			Total for Bremen:	**8.182**		**10.104**

Bristol

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	68,850	0.483	33.220	0.614	42.274
8	35	12,458	0.500	6.223	0.600	7.473
9	31	16,160	0.518	8.363	0.605	9.777
			Total for Bristol:	**47.805**		**59.524**

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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2016 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	24,765	0.462	11.434	0.704	17.440
7	41	48,525	0.483	23.413	0.614	29.795
8	35	19,014	0.500	9.498	0.600	11.407
9	31	10,608	0.518	5.490	0.605	6.418
			Total for Damariscotta:	**49.835**		**65.059**

Dresden

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	29,105	0.457	13.289	0.681	19.826
7	41	12,829	0.483	6.190	0.614	7.877
8	35	28,209	0.500	14.090	0.600	16.923
9	31	7,729	0.518	4.000	0.605	4.676
			Total for Dresden:	**37.569**		**49.302**

Edgecomb

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	52,606	0.462	24.288	0.704	37.045
6	53	43,466	0.457	19.847	0.681	29.609
7	41	494	0.483	0.238	0.614	0.303
8	35	12,829	0.500	6.408	0.600	7.696
9	31	6,337	0.518	3.279	0.605	3.834
			Total for Edgecomb:	**54.061**		**78.488**

Monhegan Island Plt

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	26	0.518	0.014	0.605	0.016
			Total for Monhegan Island Plt:	**0.014**		**0.016**

Newcastle

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	91,594	0.462	42.289	0.704	64.501
7	41	21,961	0.483	10.596	0.614	13.484
8	35	25,818	0.500	12.896	0.600	15.488
9	31	9,543	0.518	4.939	0.605	5.774
			Total for Newcastle:	**70.720**		**99.247**

Nobleboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	55,651	0.462	25.694	0.704	39.190
7	41	812	0.483	0.392	0.614	0.498
8	35	15,348	0.500	7.666	0.600	9.207
9	31	15,310	0.518	7.923	0.605	9.263
			Total for Nobleboro:	**41.675**		**58.158**

HPMS Functional Class Codes:
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2016 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

South Bristol

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	25,706	0.483	12.403	0.614	15.784
8	35	1,221	0.500	0.610	0.600	0.732
9	31	4,460	0.518	2.308	0.605	2.698
			Total for South Bristol:	**15.321**		**19.214**

Southport

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	550	0.483	0.265	0.614	0.337
8	35	11,577	0.500	5.783	0.600	6.945
9	31	2,966	0.518	1.535	0.605	1.795
			Total for Southport:	**7.583**		**9.077**

Waldoboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	97,174	0.462	44.865	0.704	68.430
7	41	75,304	0.483	36.334	0.614	46.237
8	35	12,284	0.500	6.136	0.600	7.369
9	31	24,949	0.518	12.911	0.605	15.094
			Total for Waldoboro:	**100.246**		**137.130**

Westport Island

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	6,899	0.500	3.446	0.600	4.139
9	31	2,974	0.518	1.539	0.605	1.799
			Total for Westport Island:	**4.985**		**5.938**

Wiscasset

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	108,047	0.462	49.885	0.704	76.087
6	53	37,211	0.457	16.990	0.681	25.348
7	41	8,486	0.483	4.095	0.614	5.210
8	35	13,673	0.500	6.830	0.600	8.203
9	31	21,494	0.518	11.123	0.605	13.004
			Total for Wiscasset:	**88.923**		**127.852**
			Total for Lincoln County:	**625.071 kg**		**848.497 kg**

27 Waldo County

Isleboro

HPMS FFC	Avg Speed	2016 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	797	0.521	0.415	0.616	0.491
8	35	2,017	0.542	1.092	0.602	1.214
9	31	12,389	0.563	6.969	0.608	7.532
			Total for Isleboro:	**8.476**		**9.238**
			Total for Waldo County:	**8.476 kg**		**9.238 kg**

2016 MidCoast, Maine Ozone Maintenance Area: 1,970.619 kg 2,524.563 kg

2.172 tons 2.782 tons

HPMS Functional Class Codes:
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2025 Portland, Maine Ozone Maintenance Area

01 Androscoggin County

Durham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	378	0.316	0.119	0.380	0.143
7	41	67,718	0.337	22.807	0.350	23.728
8	35	25,062	0.351	8.792	0.344	8.629
9	31	28,972	0.366	10.598	0.347	10.065
			Total for Durham:	**42.317**		**42.566**
		Total for Androscoggin County:		**42.317 kg**		**42.566 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	206,563	0.305	63.002	0.438	90.413
7	41	46,151	0.329	15.174	0.350	16.171
9	31	62,855	0.358	22.489	0.347	21.836
12	55	267,391	0.309	82.597	0.402	107.384
14	19	61,701	0.439	27.087	0.390	24.045
16	19	70,783	0.439	31.074	0.390	27.584
17	21	162,360	0.417	67.704	0.380	61.616
19	15	49,232	0.508	25.020	0.420	20.673
			Total for Brunswick:	**334.147**		**369.721**

Cape Elizabeth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	21	79,867	0.417	33.305	0.380	30.310
19	15	30,001	0.508	15.247	0.420	12.597
			Total for Cape Elizabeth:	**48.551**		**42.907**

Casco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	70,391	0.309	21.744	0.402	28.269
6	53	41,827	0.309	12.920	0.380	15.877
8	35	24,549	0.344	8.437	0.344	8.452
9	31	24,605	0.358	8.804	0.347	8.548
			Total for Casco:	**51.905**		**61.146**

Cumberland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	211,570	0.305	64.529	0.438	92.604
6	53	22,948	0.309	7.089	0.380	8.711
7	41	28,738	0.329	9.449	0.350	10.070
8	35	15,681	0.344	5.390	0.344	5.399
9	31	15,990	0.358	5.721	0.347	5.555
11	59	77,901	0.306	23.838	0.427	33.233
17	21	64,327	0.417	26.824	0.380	24.412
19	15	16,250	0.508	8.258	0.420	6.823
			Total for Cumberland:	**151.098**		**186.807**

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

Falmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	324,795	0.305	99.063	0.438	142.163
6	53	29,791	0.309	9.202	0.380	11.309
7	41	81,409	0.329	26.767	0.350	28.526
8	35	14,656	0.344	5.037	0.344	5.046
9	31	33,377	0.358	11.942	0.347	11.595
11	59	233,779	0.306	71.536	0.427	99.730
14	19	10,411	0.439	4.570	0.390	4.057
16	19	26,745	0.439	11.741	0.390	10.422
17	21	145,423	0.417	60.641	0.380	55.188
19	15	15,012	0.508	7.629	0.420	6.304
			Total for Falmouth:	**308.130**		**374.340**

Freeport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	408,161	0.305	124.489	0.438	178.652
7	41	48,552	0.329	15.964	0.350	17.013
8	35	31,449	0.344	10.809	0.344	10.828
9	31	39,133	0.358	14.002	0.347	13.595
11	59	94,075	0.306	28.787	0.427	40.132
17	21	93,692	0.417	39.070	0.380	35.556
19	15	13,412	0.508	6.816	0.420	5.632
			Total for Freeport:	**239.937**		**301.408**

Frye Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.358	0.000	0.347	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	9,620	0.309	2.972	0.402	3.864
6	53	67,450	0.309	20.835	0.380	25.604
7	41	87,720	0.329	28.842	0.350	30.737
8	35	5,722	0.344	1.967	0.344	1.970
9	31	59,438	0.358	21.267	0.347	20.649
14	19	77,566	0.439	34.051	0.390	30.227
16	19	141,364	0.439	62.059	0.390	55.089
17	21	65,558	0.417	27.338	0.380	24.879
19	15	29,594	0.508	15.040	0.420	12.427
			Total for Gorham:	**214.370**		**205.446**

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

Gray

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	295,842	0.305	90.232	0.438	129.490
2	55	88,212	0.309	27.249	0.402	35.426
6	53	144,610	0.309	44.670	0.380	54.894
7	41	33,069	0.329	10.873	0.350	11.587
9	31	67,295	0.358	24.078	0.347	23.378
			Total for Gray:	**197.102**		**254.776**

Harpswell

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	95,939	0.329	31.545	0.350	33.617
8	35	11,120	0.344	3.822	0.344	3.829
9	31	8,937	0.358	3.198	0.347	3.105
			Total for Harpswell:	**38.565**		**40.551**

Long Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	15	204	0.508	0.103	0.420	0.085
			Total for Long Island:	**0.103**		**0.085**

New Gloucester

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	200,278	0.305	61.085	0.438	87.662
2	55	29,980	0.309	9.261	0.402	12.040
6	53	86,181	0.309	26.621	0.380	32.714
7	41	32,691	0.329	10.749	0.350	11.455
8	35	3,434	0.344	1.180	0.344	1.182
9	31	55,673	0.358	19.920	0.347	19.341
			Total for New Gloucester:	**128.816**		**164.394**

North Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	46,512	0.329	15.293	0.350	16.298
8	35	8,983	0.344	3.088	0.344	3.093
9	31	15,618	0.358	5.588	0.347	5.426
17	21	15,838	0.417	6.604	0.380	6.010
19	15	355	0.508	0.180	0.420	0.149
			Total for North Yarmouth:	**30.754**		**30.976**

Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	697,809	0.306	213.530	0.427	297.685
12	55	31,956	0.309	9.871	0.402	12.833
14	19	558,463	0.439	245.165	0.390	217.633
16	19	195,913	0.439	86.006	0.390	76.347
17	21	227,137	0.417	94.716	0.380	86.198
19	15	173,369	0.508	88.106	0.420	72.798
			Total for Portland:	**737.394**		**763.495**

HPMS Functional Class Codes:
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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	41	25,254	0.329	8.303	0.350	8.849
9	31	24,698	0.358	8.837	0.347	8.580
			Total for Pownal:	**17.140**		**17.429**

Raymond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	81,892	0.309	25.296	0.402	32.888
8	35	59,729	0.344	20.529	0.344	20.565
9	31	48,493	0.358	17.351	0.347	16.846
			Total for Raymond:	**63.176**		**70.299**

Scarborough

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	483,187	0.305	147.372	0.438	211.491
7	41	14,417	0.329	4.740	0.350	5.052
8	35	56,969	0.344	19.580	0.344	19.614
9	31	37,188	0.358	13.306	0.347	12.919
11	59	68,802	0.306	21.053	0.427	29.351
12	55	24,094	0.309	7.443	0.402	9.676
16	19	299,468	0.439	131.466	0.390	116.703
17	21	237,207	0.417	98.915	0.380	90.020
19	15	44,584	0.508	22.658	0.420	18.721
			Total for Scarborough:	**466.534**		**513.547**

South Portland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	267,795	0.306	81.945	0.427	114.241
12	55	89,838	0.309	27.751	0.402	36.079
14	19	44,994	0.439	19.752	0.390	17.534
16	19	228,838	0.439	100.460	0.390	89.178
17	21	151,724	0.417	63.269	0.380	57.579
19	15	88,604	0.508	45.028	0.420	37.205
			Total for South Portland:	**338.206**		**351.817**

Standish

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	90,254	0.309	27.879	0.380	34.260
7	41	234,827	0.329	77.211	0.350	82.283
9	31	57,022	0.358	20.402	0.347	19.809
			Total for Standish:	**125.493**		**136.353**

HPMS Functional Class Codes:
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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	55	24,929	0.309	7.701	0.402	10.012
14	19	116,291	0.439	51.052	0.390	45.319
16	19	142,900	0.439	62.733	0.390	55.688
17	21	123,146	0.417	51.352	0.380	46.734
19	15	50,954	0.508	25.895	0.420	21.396
			Total for Westbrook:	**198.732**		**179.148**

Windham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	198,603	0.309	61.348	0.402	79.759
6	53	93,963	0.309	29.025	0.380	35.668
7	41	72,972	0.329	23.993	0.350	25.569
8	35	34,763	0.344	11.948	0.344	11.969
9	31	62,629	0.358	22.409	0.347	21.757
14	19	39,383	0.439	17.289	0.390	15.348
16	19	10,673	0.439	4.685	0.390	4.159
17	21	61,094	0.417	25.476	0.380	23.185
19	15	12,583	0.508	6.395	0.420	5.284
			Total for Windham:	**202.569**		**222.699**

Yarmouth

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	3,502	0.358	1.253	0.347	1.216
11	59	174,975	0.306	53.542	0.427	74.644
17	21	110,076	0.417	45.902	0.380	41.774
19	15	37,271	0.508	18.941	0.420	15.650
			Total for Yarmouth:	**119.638**		**133.285**
			Total for Cumberland County:	**4,012.361 kg**		**4,420.629 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	20,267	0.333	6.745	0.350	7.102
9	31	1,411	0.363	0.512	0.347	0.490
			Total for Arrowsic:	**7.257**		**7.592**

Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,068	0.333	0.356	0.350	0.374
8	35	3,305	0.348	1.149	0.344	1.138
9	31	10,474	0.363	3.799	0.347	3.639
12	55	38,950	0.312	12.149	0.402	15.642
14	19	5,676	0.445	2.526	0.390	2.212
16	27	3,301	0.381	1.257	0.356	1.177
17	21	65,189	0.422	27.510	0.380	24.739
19	15	26,752	0.514	13.759	0.420	11.233
			Total for Bath:	**62.503**		**60.154**

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	65	14,174	0.308	4.366	0.438	6.204
7	41	56,902	0.333	18.937	0.350	19.938
8	35	22,309	0.348	7.757	0.344	7.681
9	31	16,948	0.363	6.147	0.347	5.888
			Total for Bowdoin:	**37.207**		**39.711**

Bowdoinham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	252,067	0.308	77.637	0.438	110.330
7	41	38,810	0.333	12.916	0.350	13.599
8	35	3,288	0.348	1.143	0.344	1.132
9	31	11,946	0.363	4.333	0.347	4.150
			Total for Bowdoinham:	**96.029**		**129.211**

Georgetown

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	20,369	0.333	6.779	0.350	7.137
9	31	11,528	0.363	4.181	0.347	4.005
			Total for Georgetown:	**10.960**		**11.142**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	50	0.363	0.018	0.347	0.017
			Total for Perkins Twp Swan Island:	**0.018**		**0.017**

Phippsburg

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	45,156	0.333	15.028	0.350	15.823
8	35	13,972	0.348	4.858	0.344	4.811
9	31	19,139	0.363	6.942	0.347	6.649
			Total for Phippsburg:	**26.828**		**27.282**

Richmond

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	176,194	0.308	54.268	0.438	77.120
7	41	65,388	0.333	21.761	0.350	22.912
8	35	7,085	0.348	2.464	0.344	2.439
9	31	12,075	0.363	4.380	0.347	4.195
			Total for Richmond:	**82.872**		**106.666**

HPMS Functional Class Codes:
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2025 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Topsham

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	183,559	0.308	56.536	0.438	80.344
2	55	104,277	0.312	32.524	0.402	41.878
7	41	35,507	0.333	11.817	0.350	12.441
8	35	17,983	0.348	6.253	0.344	6.192
9	31	15,275	0.363	5.540	0.347	5.307
14	19	62,937	0.445	28.007	0.390	24.527
16	27	22,074	0.381	8.406	0.356	7.867
17	21	29,838	0.422	12.592	0.380	11.324
19	15	23,162	0.514	11.912	0.420	9.726
			Total for Topsham:	**173.587**		**199.604**

West Bath

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	79,202	0.312	24.703	0.402	31.808
7	41	28,804	0.333	9.586	0.350	10.093
8	35	12,332	0.348	4.288	0.344	4.246
9	31	9,362	0.363	3.396	0.347	3.252
			Total for West Bath:	**41.973**		**49.399**

Woolwich

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	155,363	0.312	48.458	0.402	62.394
7	41	1,381	0.333	0.460	0.350	0.484
8	35	45,200	0.348	15.716	0.344	15.562
9	31	15,964	0.363	5.790	0.347	5.546
			Total for Woolwich:	**70.424**		**83.986**
		Total for Sagadahoc County:		**609.656 kg**		**714.765 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	107,506	0.313	33.639	0.402	43.174
6	47	26,774	0.322	8.619	0.363	9.706
8	35	671	0.348	0.233	0.344	0.231
9	31	35,658	0.363	12.937	0.347	12.388
			Total for Alfred:	**55.427**		**65.498**

Arundel

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	240,798	0.309	74.406	0.438	105.397
2	55	70,447	0.313	22.043	0.402	28.292
6	47	68,359	0.322	22.005	0.363	24.780
7	41	21,188	0.334	7.073	0.350	7.424
9	31	60,324	0.363	21.886	0.347	20.957
			Total for Arundel:	**147.412**		**186.850**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	72,515	0.322	23.342	0.363	26.287
8	35	10,057	0.348	3.498	0.344	3.463
9	31	34,316	0.363	12.450	0.347	11.921
14	19	2,620	0.445	1.166	0.390	1.021
16	19	28,551	0.445	12.708	0.390	11.126
17	21	14,086	0.423	5.957	0.380	5.346
19	15	33,104	0.514	17.025	0.420	13.900
			Total for Berwick:	**76.147**		**73.064**

Biddeford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	188,717	0.309	58.314	0.438	82.602
2	55	38,848	0.313	12.156	0.402	15.602
6	47	47,672	0.322	15.346	0.363	17.281
7	41	19,520	0.334	6.516	0.350	6.840
8	35	35,417	0.348	12.318	0.344	12.194
9	31	30,662	0.363	11.124	0.347	10.652
16	19	58,240	0.445	25.923	0.390	22.696
17	21	128,659	0.423	54.410	0.380	48.826
19	15	35,574	0.514	18.296	0.420	14.937
			Total for Biddeford:	**214.401**		**231.630**

Buxton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	51,972	0.313	16.262	0.402	20.872
7	41	39,286	0.334	13.114	0.350	13.766
8	35	96,072	0.348	33.414	0.344	33.078
9	31	52,400	0.363	19.011	0.347	18.204
			Total for Buxton:	**81.800**		**85.919**

Dayton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	71,872	0.334	23.991	0.350	25.184
8	35	3,478	0.348	1.210	0.344	1.197
9	31	15,592	0.363	5.657	0.347	5.417
			Total for Dayton:	**30.857**		**31.798**

Eliot

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	341	0.334	0.114	0.350	0.119
8	35	2,333	0.348	0.812	0.344	0.803
9	31	4,083	0.363	1.481	0.347	1.419
16	19	102,934	0.445	45.816	0.390	40.113
17	21	42,918	0.423	18.150	0.380	16.287
19	15	17,543	0.514	9.022	0.420	7.366
			Total for Eliot:	**75.395**		**66.108**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Hollis

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	55,281	0.313	17.297	0.402	22.201
7	41	80,719	0.334	26.944	0.350	28.284
8	35	31,356	0.348	10.905	0.344	10.796
9	31	24,428	0.363	8.862	0.347	8.486
			Total for Hollis:	**64.009**		**69.767**

Kennebunk

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	271,124	0.309	83.777	0.438	118.671
6	47	50,292	0.322	16.189	0.363	18.231
7	41	135,989	0.334	45.393	0.350	47.650
8	35	49,673	0.348	17.276	0.344	17.103
9	31	53,926	0.363	19.564	0.347	18.734
			Total for Kennebunk:	**182.200**		**220.388**

Kennebunkport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	39,948	0.334	13.335	0.350	13.998
9	31	49,768	0.363	18.056	0.347	17.290
			Total for Kennebunkport:	**31.391**		**31.287**

Kittery

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	164,785	0.309	50.918	0.438	72.126
6	47	14,943	0.322	4.810	0.363	5.417
7	41	3,105	0.334	1.036	0.350	1.088
8	35	4,772	0.348	1.660	0.344	1.643
9	31	11,447	0.363	4.153	0.347	3.977
11	59	168,620	0.310	52.255	0.427	71.933
12	55	21,538	0.313	6.739	0.402	8.650
14	19	35,463	0.445	15.785	0.390	13.820
16	19	90,931	0.445	40.473	0.390	35.436
17	21	43,133	0.423	18.241	0.380	16.369
19	15	17,444	0.514	8.971	0.420	7.325
			Total for Kittery:	**205.043**		**237.783**

Limington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	46,890	0.322	15.094	0.363	16.998
7	41	38,368	0.334	12.807	0.350	13.444
8	35	4,488	0.348	1.561	0.344	1.545
9	31	19,933	0.363	7.232	0.347	6.925
			Total for Limington:	**36.694**		**38.912**

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31 York County

Lyman

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	99,503	0.313	31.134	0.402	39.960
7	41	25,978	0.334	8.671	0.350	9.103
8	35	26,971	0.348	9.381	0.344	9.286
9	31	30,232	0.363	10.968	0.347	10.503
			Total for Lyman:	**60.155**		**68.852**

North Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	108,023	0.322	34.773	0.363	39.158
8	35	5,673	0.348	1.973	0.344	1.953
9	31	54,948	0.363	19.935	0.347	19.089
			Total for North Berwick:	**56.681**		**60.201**

Ogunquit

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	83,227	0.309	25.717	0.438	36.428
6	47	41,735	0.322	13.435	0.363	15.129
7	41	8,769	0.334	2.927	0.350	3.073
9	31	12,888	0.363	4.676	0.347	4.477
			Total for Ogunquit:	**46.754**		**59.107**

Old Orchard Beach

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	1,166	0.313	0.365	0.402	0.468
17	21	94,464	0.423	39.949	0.380	35.849
19	15	31,545	0.514	16.224	0.420	13.246
			Total for Old Orchard Beach:	**56.538**		**49.563**

Saco

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	399,712	0.309	123.511	0.438	174.954
6	47	51,766	0.322	16.664	0.363	18.765
7	41	57,549	0.334	19.210	0.350	20.165
8	35	3,866	0.348	1.345	0.344	1.331
9	31	53,035	0.363	19.241	0.347	18.424
11	59	163,372	0.310	50.629	0.427	69.694
12	55	10,346	0.313	3.237	0.402	4.155
16	19	63,709	0.445	28.357	0.390	24.827
17	21	142,094	0.423	60.092	0.380	53.925
19	15	36,457	0.514	18.750	0.420	15.308
			Total for Saco:	**341.034**		**401.549**

HPMS Functional Class Codes:
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2025 Portland, Maine Ozone Maintenance Area

31 York County

Sanford

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	43,388	0.313	13.576	0.402	17.425
6	47	71,556	0.322	23.034	0.363	25.939
7	41	31,881	0.334	10.642	0.350	11.171
8	35	16,049	0.348	5.582	0.344	5.526
9	31	50,585	0.363	18.352	0.347	17.573
14	19	158,659	0.445	70.619	0.390	61.829
16	19	56,409	0.445	25.108	0.390	21.982
17	21	118,977	0.423	50.315	0.380	45.152
19	15	34,629	0.514	17.809	0.420	14.541
			Total for Sanford:	**235.038**		**221.138**

South Berwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	28,008	0.322	9.016	0.363	10.153
7	41	10,798	0.334	3.604	0.350	3.784
9	31	24,052	0.363	8.726	0.347	8.356
16	19	65,769	0.445	29.274	0.390	25.630
17	21	6,948	0.423	2.938	0.380	2.637
19	15	28,576	0.514	14.696	0.420	11.999
			Total for South Berwick:	**68.255**		**62.558**

Wells

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	520,633	0.309	160.876	0.438	227.881
2	55	73,164	0.313	22.893	0.402	29.383
6	47	209,771	0.322	67.525	0.363	76.042
7	41	16,961	0.334	5.661	0.350	5.943
8	35	36,939	0.348	12.847	0.344	12.718
9	31	92,939	0.363	33.718	0.347	32.287
			Total for Wells:	**303.521**		**384.254**

York

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	635,616	0.309	196.405	0.438	278.209
6	47	181,782	0.322	58.516	0.363	65.896
7	41	116,345	0.334	38.836	0.350	40.767
8	35	16,913	0.348	5.882	0.344	5.823
9	31	118,603	0.363	43.029	0.347	41.203
			Total for York:	**342.668**		**431.898**
			Total for York County:	**2,711.419 kg**		**3,078.125 kg**
			2025 Portland, Maine Ozone Maintenance Area:	**7,375.752 kg**		**8,256.084 kg**
				8.128 tons		**9.098 tons**

HPMS Functional Class Codes:
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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	49	136,247	0.345	46.992	0.370	50.343
7	41	106,589	0.362	38.575	0.352	37.562
8	35	898	0.379	0.340	0.346	0.311
9	31	101,337	0.396	40.109	0.350	35.498
			Total for Bar Harbor:	**126.016**		**123.715**

Blue Hill

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	62,695	0.362	22.689	0.352	22.094
8	35	43,347	0.379	16.420	0.346	15.011
9	31	16,005	0.396	6.335	0.350	5.606
			Total for Blue Hill:	**45.443**		**42.711**

Brooklin

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	13,669	0.379	5.178	0.346	4.733
9	31	5,938	0.396	2.350	0.350	2.080
			Total for Brooklin:	**7.528**		**6.813**

Brooksville

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,252	0.362	0.453	0.352	0.441
8	35	15,937	0.379	6.037	0.346	5.519
9	31	12,254	0.396	4.850	0.350	4.293
			Total for Brooksville:	**11.340**		**10.253**

Cranberry Isles

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	371	0.396	0.147	0.350	0.130
			Total for Cranberry Isles:	**0.147**		**0.130**

Deer Isle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,345	0.362	15.686	0.352	15.275
8	35	10,941	0.379	4.144	0.346	3.789
9	31	19,962	0.396	7.901	0.350	6.993
			Total for Deer Isle:	**27.732**		**26.056**

Frenchboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.396	0.000	0.350	0.000
			Total for Frenchboro:	**0.000**		**0.000**

Gouldsboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	46,066	0.345	15.888	0.370	17.021
7	41	23,010	0.362	8.327	0.352	8.109
8	35	13,153	0.379	4.982	0.346	4.555
9	31	4,976	0.396	1.970	0.350	1.743
			Total for Gouldsboro:	**31.167**		**31.428**

HPMS Functional Class Codes:
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2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Hancock

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	114,921	0.345	39.636	0.370	42.463
7	41	26,905	0.362	9.737	0.352	9.481
8	35	3,033	0.379	1.149	0.346	1.050
9	31	13,450	0.396	5.324	0.350	4.712
			Total for Hancock:	**55.846**		**57.707**

Lamoine

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	19,354	0.362	7.004	0.352	6.820
8	35	12,176	0.379	4.612	0.346	4.217
9	31	6,387	0.396	2.528	0.350	2.237
			Total for Lamoine:	**14.145**		**13.274**

Mount Desert

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	113,456	0.362	41.060	0.352	39.982
8	35	7,350	0.379	2.784	0.346	2.545
9	31	43,203	0.396	17.100	0.350	15.134
			Total for Mount Desert:	**60.944**		**57.661**

Sedgwick

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	35,271	0.362	12.764	0.352	12.429
8	35	20,534	0.379	7.778	0.346	7.111
9	31	3,261	0.396	1.291	0.350	1.142
			Total for Sedgwick:	**21.833**		**20.683**

Sorrento

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	2,279	0.379	0.863	0.346	0.789
9	31	2,641	0.396	1.045	0.350	0.925
			Total for Sorrento:	**1.909**		**1.715**

Southwest Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	42,366	0.362	15.332	0.352	14.930
8	35	12,629	0.379	4.784	0.346	4.374
9	31	10,173	0.396	4.027	0.350	3.564
			Total for Southwest Harbor:	**24.143**		**22.867**

Stonington

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,845	0.362	3.563	0.352	3.469
8	35	7,711	0.379	2.921	0.346	2.670
9	31	12,749	0.396	5.046	0.350	4.466
			Total for Stonington:	**11.529**		**10.605**

HPMS Functional Class Codes:
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2025 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Sullivan

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	62,086	0.345	21.413	0.370	22.941
7	41	3,310	0.362	1.198	0.352	1.166
8	35	4,678	0.379	1.772	0.346	1.620
9	31	5,075	0.396	2.009	0.350	1.778
			Total for Sullivan:	**26.392**		**27.505**

Surry

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	45,855	0.362	16.595	0.352	16.159
8	35	13,633	0.379	5.164	0.346	4.721
9	31	6,672	0.396	2.641	0.350	2.337
			Total for Surry:	**24.400**		**23.218**

Swans Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,281	0.362	0.464	0.352	0.452
9	31	1,550	0.396	0.613	0.350	0.543
			Total for Swans Island:	**1.077**		**0.994**

Tremont

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,510	0.362	1.632	0.352	1.589
8	35	18,522	0.379	7.016	0.346	6.414
9	31	7,817	0.396	3.094	0.350	2.738
			Total for Tremont:	**11.743**		**10.742**

Trenton

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	120,698	0.345	41.629	0.370	44.598
7	41	4,374	0.362	1.583	0.352	1.541
8	35	19,430	0.379	7.360	0.346	6.729
9	31	6,789	0.396	2.687	0.350	2.378
			Total for Trenton:	**53.259**		**55.246**

Winter Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	7,985	0.362	2.890	0.352	2.814
8	35	749	0.379	0.284	0.346	0.260
9	31	9,130	0.396	3.614	0.350	3.198
			Total for Winter Harbor:	**6.787**		**6.272**
			Total for Hancock County:	**563.379 kg**		**549.594 kg**

HPMS Functional Class Codes:
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13 Knox County

Camden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	56,455	0.318	17.947	0.392	22.108
7	41	16,938	0.337	5.705	0.350	5.935
8	35	29,785	0.351	10.449	0.344	10.255
9	31	36,304	0.366	13.280	0.347	12.612
			Total for Camden:	**47.381**		**50.910**

Cushing

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	10,094	0.337	3.400	0.350	3.537
8	35	23,310	0.351	8.177	0.344	8.026
9	31	1,649	0.366	0.603	0.347	0.573
			Total for Cushing:	**12.180**		**12.136**

Friendship

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	12,773	0.337	4.302	0.350	4.476
8	35	1,555	0.351	0.546	0.344	0.536
9	31	3,658	0.366	1.338	0.347	1.271
			Total for Friendship:	**6.186**		**6.282**

Isle Au Haut

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	2,757	0.366	1.008	0.347	0.958
			Total for Isle Au Haut:	**1.008**		**0.958**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	211	0.366	0.077	0.347	0.073
			Total for Matinicus Isle Plt:	**0.077**		**0.073**

North Haven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,193	0.337	0.402	0.350	0.418
8	35	151	0.351	0.053	0.344	0.052
9	31	1,516	0.366	0.554	0.347	0.527
			Total for North Haven:	**1.009**		**0.997**

Owls Head

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	16,840	0.337	5.672	0.350	5.901
8	35	15,448	0.351	5.419	0.344	5.319
9	31	3,237	0.366	1.184	0.347	1.125
			Total for Owls Head:	**12.275**		**12.344**

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 MidCoast, Maine Ozone Maintenance Area

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Rockland

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	17,132	0.316	5.412	0.380	6.503
7	41	8,884	0.337	2.992	0.350	3.113
9	31	4,139	0.366	1.514	0.347	1.438
14	19	66,699	0.448	29.888	0.390	25.993
16	19	23,785	0.448	10.658	0.390	9.269
17	21	39,357	0.426	16.766	0.380	14.936
19	15	21,601	0.518	11.194	0.420	9.070
			Total for Rockland:	**78.424**		**70.322**

Rockport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	98,758	0.318	31.395	0.392	38.674
6	53	113,009	0.316	35.700	0.380	42.898
7	41	6,483	0.337	2.184	0.350	2.272
8	35	9,939	0.351	3.486	0.344	3.422
9	31	44,323	0.366	16.213	0.347	15.398
			Total for Rockport:	**88.978**		**102.663**

Saint George

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	49,072	0.337	16.528	0.350	17.195
9	31	14,433	0.366	5.280	0.347	5.014
			Total for Saint George:	**21.807**		**22.209**

South Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	45,209	0.337	15.226	0.350	15.841
8	35	5,180	0.351	1.817	0.344	1.783
9	31	7,321	0.366	2.678	0.347	2.543
			Total for South Thomaston:	**19.722**		**20.168**

Thomaston

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	82,763	0.318	26.310	0.392	32.410
7	41	19,168	0.337	6.456	0.350	6.716
8	35	8,123	0.351	2.850	0.344	2.797
9	31	16,887	0.366	6.177	0.347	5.867
			Total for Thomaston:	**41.793**		**47.790**

Vinalhaven

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	5,048	0.337	1.700	0.350	1.769
9	31	12,817	0.366	4.688	0.347	4.453
			Total for Vinalhaven:	**6.388**		**6.221**

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 MidCoast, Maine Ozone Maintenance Area

13 Knox County

Warren

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	80,208	0.318	25.498	0.392	31.410
6	53	49,381	0.316	15.599	0.380	18.745
7	41	25,275	0.337	8.513	0.350	8.856
8	35	7,966	0.351	2.795	0.344	2.743
9	31	30,039	0.366	10.988	0.347	10.436
			Total for Warren:	**63.393**		**72.189**
			Total for Knox County:	**400.622 kg**		**425.262 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	14,237	0.337	4.795	0.350	4.989
8	35	7,980	0.351	2.800	0.344	2.748
9	31	2,662	0.366	0.974	0.347	0.925
			Total for Alna:	**8.568**		**8.661**

Boothbay

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	61,375	0.316	19.388	0.380	23.298
7	41	4,659	0.337	1.569	0.350	1.632
8	35	24,669	0.351	8.654	0.344	8.494
9	31	25,071	0.366	9.171	0.347	8.710
			Total for Boothbay:	**38.782**		**42.134**

Boothbay Harbor

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	22,591	0.316	7.136	0.380	8.575
7	41	18,868	0.337	6.355	0.350	6.611
8	35	11,908	0.351	4.177	0.344	4.100
9	31	13,835	0.366	5.061	0.347	4.806
			Total for Boothbay Harbor:	**22.729**		**24.093**

Bremen

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,441	0.337	3.180	0.350	3.308
8	35	4,937	0.351	1.732	0.344	1.700
9	31	2,592	0.366	0.948	0.347	0.901
			Total for Bremen:	**5.860**		**5.909**

Bristol

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	70,369	0.337	23.700	0.350	24.657
8	35	12,732	0.351	4.467	0.344	4.384
9	31	16,516	0.366	6.042	0.347	5.738
			Total for Bristol:	**34.209**		**34.779**

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 MidCoast, Maine Ozone Maintenance Area

15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	25,267	0.320	8.083	0.385	9.715
7	41	49,514	0.337	16.676	0.350	17.350
8	35	19,418	0.351	6.812	0.344	6.686
9	31	10,823	0.366	3.959	0.347	3.760
			Total for Damariscotta:	**35.530**		**37.510**

Dresden

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	29,658	0.316	9.369	0.380	11.258
7	41	13,069	0.337	4.402	0.350	4.579
8	35	28,744	0.351	10.084	0.344	9.897
9	31	7,869	0.366	2.878	0.347	2.734
			Total for Dresden:	**26.733**		**28.468**

Edgecomb

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	53,675	0.320	17.171	0.385	20.638
6	53	44,450	0.316	14.042	0.380	16.873
7	41	504	0.337	0.170	0.350	0.176
8	35	13,127	0.351	4.605	0.344	4.520
9	31	6,474	0.366	2.368	0.347	2.249
			Total for Edgecomb:	**38.355**		**44.457**

Monhegan Island Plt

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	27	0.366	0.010	0.347	0.009
			Total for Monhegan Island Plt:	**0.010**		**0.009**

Newcastle

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	93,455	0.320	29.896	0.385	35.934
7	41	22,401	0.337	7.545	0.350	7.849
8	35	26,344	0.351	9.242	0.344	9.070
9	31	9,719	0.366	3.555	0.347	3.377
			Total for Newcastle:	**50.238**		**56.230**

Nobleboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	56,774	0.320	18.162	0.385	21.830
7	41	827	0.337	0.279	0.350	0.290
8	35	15,639	0.351	5.486	0.344	5.385
9	31	15,611	0.366	5.711	0.347	5.423
			Total for Nobleboro:	**29.637**		**32.927**

HPMS Functional Class Codes:
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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	41	26,273	0.337	8.849	0.350	9.206
8	35	1,248	0.351	0.438	0.344	0.430
9	31	4,558	0.366	1.667	0.347	1.584
			Total for South Bristol:	**10.954**		**11.219**

Southport

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	562	0.337	0.189	0.350	0.197
8	35	11,840	0.351	4.153	0.344	4.076
9	31	3,034	0.366	1.110	0.347	1.054
			Total for Southport:	**5.452**		**5.327**

Waldoboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	99,096	0.320	31.701	0.385	38.102
7	41	76,745	0.337	25.848	0.350	26.891
8	35	12,515	0.351	4.390	0.344	4.309
9	31	25,423	0.366	9.300	0.347	8.832
			Total for Waldoboro:	**71.238**		**78.135**

Westport Island

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	7,051	0.351	2.474	0.344	2.428
9	31	3,040	0.366	1.112	0.347	1.056
			Total for Westport Island:	**3.585**		**3.484**

Wiscasset

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	110,116	0.320	35.226	0.385	42.340
6	53	37,917	0.316	11.978	0.380	14.393
7	41	8,647	0.337	2.912	0.350	3.030
8	35	13,931	0.351	4.887	0.344	4.796
9	31	21,890	0.366	8.007	0.347	7.604
			Total for Wiscasset:	**63.011**		**72.164**
			Total for Lincoln County:	**444.893 kg**		**485.505 kg**

27 Waldo County

Isleboro

HPMS FFC	Avg Speed	2025 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	840	0.362	0.304	0.352	0.296
8	35	2,125	0.379	0.805	0.346	0.736
9	31	13,052	0.396	5.166	0.350	4.572
			Total for Isleboro:	**6.275**		**5.604**
			Total for Waldo County:	**6.275 kg**		**5.604 kg**

2025 MidCoast, Maine Ozone Maintenance Area: **1,415.168 kg** **1,465.966 kg**

1.560 tons **1.615 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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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	53	384	0.305	0.117	0.324	0.124
7	41	68,862	0.325	22.373	0.302	20.762
8	35	25,486	0.339	8.637	0.296	7.531
9	31	29,462	0.354	10.427	0.300	8.824
			Total for Durham:	**41.554**		**37.241**
		Total for Androscoggin County:		**41.554 kg**		**37.241 kg**

05 Cumberland County

Brunswick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	210,035	0.297	62.401	0.364	76.432
7	41	46,926	0.322	15.106	0.302	14.148
9	31	63,911	0.351	22.426	0.300	19.141
12	55	272,376	0.301	82.012	0.339	92.254
14	19	62,851	0.430	27.039	0.337	21.168
16	19	72,103	0.430	31.019	0.337	24.284
17	21	165,387	0.408	67.511	0.328	54.197
19	15	50,150	0.498	24.995	0.364	18.255
			Total for Brunswick:	**332.509**		**319.880**

Cape Elizabeth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
17	21	82,341	0.408	33.612	0.328	26.983
19	15	31,279	0.498	15.589	0.364	11.386
			Total for Cape Elizabeth:	**49.201**		**38.369**

Casco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	71,574	0.301	21.551	0.339	24.242
6	53	42,530	0.301	12.801	0.324	13.767
8	35	24,961	0.336	8.382	0.296	7.376
9	31	25,019	0.351	8.779	0.300	7.493
			Total for Casco:	**51.514**		**52.878**

Cumberland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	216,711	0.297	64.385	0.364	78.861
6	53	24,230	0.301	7.293	0.324	7.843
7	41	29,629	0.322	9.537	0.302	8.933
8	35	16,441	0.336	5.521	0.296	4.858
9	31	16,671	0.351	5.850	0.300	4.993
11	59	79,794	0.298	23.787	0.356	28.399
17	21	66,320	0.408	27.072	0.328	21.733
19	15	16,942	0.498	8.444	0.364	6.167
			Total for Cumberland:	**151.889**		**161.787**

HPMS Functional Class Codes:
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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	65	332,687	0.297	98.841	0.364	121.065
6	53	31,456	0.301	9.468	0.324	10.182
7	41	83,931	0.322	27.018	0.302	25.305
8	35	15,366	0.336	5.160	0.296	4.541
9	31	34,799	0.351	12.211	0.300	10.422
11	59	239,460	0.298	71.383	0.356	85.224
14	19	10,172	0.430	4.376	0.337	3.426
16	19	28,240	0.430	12.149	0.337	9.511
17	21	149,928	0.408	61.200	0.328	49.131
19	15	15,652	0.498	7.801	0.364	5.697
			Total for Falmouth:	**309.607**		**324.505**

Freeport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	418,078	0.297	124.211	0.364	152.139
7	41	50,057	0.322	16.113	0.302	15.092
8	35	32,973	0.336	11.072	0.296	9.743
9	31	40,800	0.351	14.317	0.300	12.220
11	59	96,360	0.298	28.725	0.356	34.295
17	21	96,595	0.408	39.430	0.328	31.654
19	15	13,984	0.498	6.969	0.364	5.090
			Total for Freeport:	**240.838**		**260.233**

Frye Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.351	0.000	0.300	0.000
			Total for Frye Island:	**0.000**		**0.000**

Gorham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	9,400	0.301	2.830	0.339	3.184
6	53	71,221	0.301	21.437	0.324	23.054
7	41	90,437	0.322	29.112	0.302	27.267
8	35	6,000	0.336	2.015	0.296	1.773
9	31	61,969	0.351	21.745	0.300	18.560
14	19	75,786	0.430	32.603	0.337	25.525
16	19	149,266	0.430	64.214	0.337	50.273
17	21	67,589	0.408	27.590	0.328	22.149
19	15	30,855	0.498	15.378	0.364	11.231
			Total for Gorham:	**216.924**		**183.015**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

05 Cumberland County

Gray

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	300,815	0.297	89.372	0.364	109.467
2	55	89,695	0.301	27.007	0.339	30.380
6	53	147,041	0.301	44.259	0.324	47.597
7	41	33,624	0.322	10.824	0.302	10.138
9	31	68,427	0.351	24.011	0.300	20.494
			Total for Gray:	**195.473**		**218.075**

Harpswell

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	97,552	0.322	31.402	0.302	29.412
8	35	11,307	0.336	3.797	0.296	3.341
9	31	9,088	0.351	3.189	0.300	2.722
			Total for Harpswell:	**38.388**		**35.475**

Long Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
19	15	212	0.498	0.106	0.364	0.077
			Total for Long Island:	**0.106**		**0.077**

New Gloucester

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	203,645	0.297	60.503	0.364	74.106
2	55	30,484	0.301	9.179	0.339	10.325
6	53	87,630	0.301	26.377	0.324	28.366
7	41	33,241	0.322	10.700	0.302	10.022
8	35	3,492	0.336	1.172	0.296	1.032
9	31	56,609	0.351	19.864	0.300	16.954
			Total for New Gloucester:	**127.795**		**140.805**

North Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	47,953	0.322	15.436	0.302	14.458
8	35	9,419	0.336	3.163	0.296	2.783
9	31	16,284	0.351	5.714	0.300	4.877
17	21	16,328	0.408	6.665	0.328	5.351
19	15	370	0.498	0.184	0.364	0.135
			Total for North Yarmouth:	**31.162**		**27.603**

Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	714,764	0.298	213.071	0.356	254.384
12	55	36,268	0.301	10.920	0.339	12.284
14	19	545,650	0.430	234.739	0.337	183.775
16	19	206,865	0.430	88.993	0.337	69.672
17	21	234,173	0.408	95.589	0.328	76.739
19	15	180,754	0.498	90.088	0.364	65.794
			Total for Portland:	**733.400**		**662.648**

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	41	25,678	0.322	8.266	0.302	7.742
9	31	25,113	0.351	8.812	0.300	7.521
			Total for Pownal:	**17.078**		**15.263**

Raymond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	83,269	0.301	25.072	0.339	28.203
8	35	60,733	0.336	20.394	0.296	17.947
9	31	49,308	0.351	17.302	0.300	14.768
			Total for Raymond:	**62.769**		**60.917**

Scarborough

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	494,927	0.297	147.043	0.364	180.104
7	41	14,864	0.322	4.785	0.302	4.481
8	35	59,729	0.336	20.057	0.296	17.650
9	31	38,772	0.351	13.605	0.300	11.612
11	59	70,474	0.298	21.008	0.356	25.082
12	55	27,345	0.301	8.234	0.339	9.262
16	19	316,209	0.430	136.033	0.337	106.499
17	21	244,556	0.408	99.828	0.328	80.141
19	15	46,483	0.498	23.167	0.364	16.920
			Total for Scarborough:	**473.759**		**451.750**

South Portland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
11	59	274,302	0.298	81.769	0.356	97.624
12	55	101,960	0.301	30.700	0.339	34.534
14	19	43,962	0.430	18.912	0.337	14.806
16	19	241,630	0.430	103.949	0.337	81.381
17	21	156,425	0.408	63.853	0.328	51.260
19	15	92,377	0.498	46.041	0.364	33.625
			Total for South Portland:	**345.225**		**313.231**

Standish

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	91,771	0.301	27.623	0.324	29.706
7	41	238,774	0.322	76.861	0.302	71.990
9	31	57,980	0.351	20.345	0.300	17.365
			Total for Standish:	**124.830**		**119.062**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2030 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	55	28,293	0.301	8.519	0.339	9.583
14	19	113,623	0.430	48.881	0.337	38.268
16	19	150,888	0.430	64.912	0.337	50.819
17	21	126,961	0.408	51.826	0.328	41.605
19	15	53,124	0.498	26.477	0.364	19.337
			Total for Westbrook:	**200.615**		**159.613**

Windham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	194,046	0.301	58.427	0.339	65.723
6	53	99,216	0.301	29.864	0.324	32.116
7	41	75,233	0.322	24.217	0.302	22.683
8	35	36,447	0.336	12.239	0.296	10.770
9	31	65,297	0.351	22.913	0.300	19.556
14	19	38,480	0.430	16.554	0.337	12.960
16	19	11,269	0.430	4.848	0.337	3.795
17	21	62,987	0.408	25.711	0.328	20.641
19	15	13,119	0.498	6.538	0.364	4.775
			Total for Windham:	**201.312**		**193.020**

Yarmouth

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	3,651	0.351	1.281	0.300	1.093
11	59	179,226	0.298	53.427	0.356	63.787
17	21	113,487	0.408	46.325	0.328	37.190
19	15	38,858	0.498	19.367	0.364	14.144
			Total for Yarmouth:	**120.400**		**116.214**
			Total for Cumberland County:	**4,024.793 kg**		**3,854.422 kg**

23 Sagadahoc County

Arrowsic

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	20,568	0.322	6.621	0.302	6.201
9	31	1,432	0.351	0.502	0.300	0.429
			Total for Arrowsic:	**7.123**		**6.630**

Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,081	0.322	0.348	0.302	0.326
8	35	3,345	0.336	1.124	0.296	0.989
9	31	10,603	0.351	3.720	0.300	3.176
12	55	39,534	0.302	11.939	0.339	13.390
14	19	5,761	0.431	2.484	0.337	1.940
16	27	3,348	0.369	1.235	0.308	1.030
17	21	66,141	0.409	27.058	0.328	21.675
19	15	27,135	0.499	13.551	0.364	9.877
			Total for Bath:	**61.461**		**52.402**

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	65	14,357	0.298	4.280	0.364	5.224
7	41	57,599	0.322	18.541	0.302	17.366
8	35	22,582	0.336	7.585	0.296	6.673
9	31	17,156	0.351	6.020	0.300	5.138
			Total for Bowdoin:	**36.426**		**34.402**

Bowdoinham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	255,316	0.298	76.110	0.364	92.909
7	41	39,285	0.322	12.646	0.302	11.844
8	35	3,328	0.336	1.118	0.296	0.983
9	31	12,092	0.351	4.243	0.300	3.622
			Total for Bowdoinham:	**94.117**		**109.359**

Georgetown

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	20,671	0.322	6.654	0.302	6.232
9	31	11,699	0.351	4.105	0.300	3.504
			Total for Georgetown:	**10.759**		**9.736**

Perkins Twp Swan Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	50	0.351	0.018	0.300	0.015
			Total for Perkins Twp Swan Island:	**0.018**		**0.015**

Phippsburg

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	45,826	0.322	14.751	0.302	13.817
8	35	14,179	0.336	4.763	0.296	4.190
9	31	19,424	0.351	6.816	0.300	5.817
			Total for Phippsburg:	**26.330**		**23.824**

Richmond

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	178,464	0.298	53.200	0.364	64.943
7	41	66,189	0.322	21.306	0.302	19.956
8	35	7,172	0.336	2.409	0.296	2.119
9	31	12,223	0.351	4.289	0.300	3.661
			Total for Richmond:	**81.205**		**90.679**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

23 Sagadahoc County

Topsham

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	185,924	0.298	55.424	0.364	67.658
2	55	105,555	0.302	31.878	0.339	35.751
7	41	35,941	0.322	11.570	0.302	10.836
8	35	18,204	0.336	6.115	0.296	5.379
9	31	15,462	0.351	5.426	0.300	4.631
14	19	63,838	0.431	27.527	0.337	21.501
16	27	22,390	0.369	8.260	0.308	6.885
17	21	30,266	0.409	12.382	0.328	9.918
19	15	23,494	0.499	11.733	0.364	8.552
			Total for Topsham:	**170.312**		**171.111**

West Bath

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	80,219	0.302	24.226	0.339	27.170
7	41	29,159	0.322	9.386	0.302	8.791
8	35	12,508	0.336	4.201	0.296	3.696
9	31	9,501	0.351	3.334	0.300	2.846
			Total for West Bath:	**41.148**		**42.503**

Woolwich

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	157,357	0.302	47.522	0.339	53.297
7	41	1,402	0.322	0.451	0.302	0.423
8	35	45,780	0.336	15.377	0.296	13.528
9	31	16,163	0.351	5.672	0.300	4.841
			Total for Woolwich:	**69.022**		**72.088**
		Total for Sagadahoc County:		**597.920 kg**		**612.750 kg**

31 York County

Alfred

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	109,781	0.302	33.154	0.339	37.183
6	47	27,340	0.311	8.503	0.311	8.492
8	35	685	0.337	0.231	0.296	0.202
9	31	36,413	0.351	12.777	0.300	10.906
			Total for Alfred:	**54.665**		**56.783**

Arundel

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	246,475	0.298	73.474	0.364	89.692
2	55	71,938	0.302	21.725	0.339	24.365
6	47	69,828	0.311	21.716	0.311	21.689
7	41	21,687	0.323	7.003	0.302	6.539
9	31	61,645	0.351	21.631	0.300	18.463
			Total for Arundel:	**145.550**		**160.747**

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2030 Portland, Maine Ozone Maintenance Area

31 York County

Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	74,049	0.311	23.029	0.311	23.000
8	35	10,270	0.337	3.459	0.296	3.035
9	31	35,042	0.351	12.296	0.300	10.495
14	19	2,679	0.431	1.155	0.337	0.902
16	19	29,202	0.431	12.592	0.337	9.835
17	21	14,407	0.409	5.894	0.328	4.721
19	15	33,859	0.499	16.909	0.364	12.325
			Total for Berwick:	**75.335**		**64.314**

Biddeford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	193,303	0.298	57.624	0.364	70.343
2	55	37,957	0.302	11.463	0.339	12.856
6	47	50,337	0.311	15.655	0.311	15.635
7	41	20,125	0.323	6.498	0.302	6.068
8	35	37,134	0.337	12.507	0.296	10.973
9	31	31,967	0.351	11.217	0.300	9.574
16	19	61,496	0.431	26.517	0.337	20.712
17	21	132,645	0.409	54.265	0.328	43.468
19	15	37,089	0.499	18.522	0.364	13.500
			Total for Biddeford:	**214.268**		**203.128**

Buxton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	53,072	0.302	16.028	0.339	17.975
7	41	40,118	0.323	12.954	0.302	12.096
8	35	98,105	0.337	33.042	0.296	28.990
9	31	53,509	0.351	18.776	0.300	16.026
			Total for Buxton:	**80.800**		**75.087**

Dayton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	73,421	0.323	23.708	0.302	22.137
8	35	3,552	0.337	1.196	0.296	1.050
9	31	15,922	0.351	5.587	0.300	4.769
			Total for Dayton:	**30.491**		**27.955**

Eliot

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	348	0.323	0.113	0.302	0.105
8	35	2,383	0.337	0.802	0.296	0.704
9	31	4,170	0.351	1.463	0.300	1.249
16	19	105,281	0.431	45.397	0.337	35.459
17	21	43,897	0.409	17.958	0.328	14.385
19	15	17,943	0.499	8.961	0.364	6.531
			Total for Eliot:	**74.694**		**58.433**

HPMS Functional Class Codes:
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2030 Portland, Maine Ozone Maintenance Area

31 York County

Hollis

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	56,451	0.302	17.048	0.339	19.120
7	41	82,471	0.323	26.630	0.302	24.865
8	35	32,019	0.337	10.784	0.296	9.462
9	31	24,945	0.351	8.753	0.300	7.471
			Total for Hollis:	**63.215**		**60.918**

Kennebunk

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	277,516	0.298	82.727	0.364	100.988
6	47	51,372	0.311	15.977	0.311	15.956
7	41	139,268	0.323	44.970	0.302	41.989
8	35	50,811	0.337	17.113	0.296	15.015
9	31	55,104	0.351	19.336	0.300	16.504
			Total for Kennebunk:	**180.123**		**190.452**

Kennebunkport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	41,026	0.323	13.247	0.302	12.369
9	31	51,017	0.351	17.902	0.300	15.280
			Total for Kennebunkport:	**31.149**		**27.649**

Kittery

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	168,432	0.298	50.210	0.364	61.293
6	47	15,274	0.311	4.750	0.311	4.744
7	41	3,174	0.323	1.025	0.302	0.957
8	35	4,873	0.337	1.641	0.296	1.440
9	31	11,694	0.351	4.104	0.300	3.502
11	59	172,640	0.299	51.637	0.356	61.443
12	55	22,030	0.302	6.653	0.339	7.461
14	19	36,272	0.431	15.640	0.337	12.216
16	19	93,034	0.431	40.116	0.337	31.334
17	21	44,117	0.409	18.048	0.328	14.457
19	15	17,842	0.499	8.910	0.364	6.494
			Total for Kittery:	**202.734**		**205.342**

Limington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	47,898	0.311	14.896	0.311	14.877
7	41	39,198	0.323	12.657	0.302	11.818
8	35	4,584	0.337	1.544	0.296	1.355
9	31	20,355	0.351	7.143	0.300	6.096
			Total for Limington:	**36.240**		**34.146**

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2030 Portland, Maine Ozone Maintenance Area

31 York County

Lyman

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	101,608	0.302	30.686	0.339	34.415
7	41	26,550	0.323	8.573	0.302	8.005
8	35	27,542	0.337	9.276	0.296	8.139
9	31	30,872	0.351	10.833	0.300	9.246
			Total for Lyman:	**59.368**		**59.805**

North Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	110,309	0.311	34.306	0.311	34.262
8	35	5,793	0.337	1.951	0.296	1.712
9	31	56,110	0.351	19.689	0.300	16.805
			Total for North Berwick:	**55.946**		**52.779**

Ogunquit

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	85,189	0.298	25.395	0.364	31.000
6	47	42,843	0.311	13.324	0.311	13.307
7	41	9,006	0.323	2.908	0.302	2.715
9	31	13,196	0.351	4.630	0.300	3.952
			Total for Ogunquit:	**46.257**		**50.975**

Old Orchard Beach

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
12	55	1,324	0.302	0.400	0.339	0.448
17	21	97,390	0.409	39.842	0.328	31.915
19	15	32,889	0.499	16.425	0.364	11.972
			Total for Old Orchard Beach:	**56.667**		**44.335**

Saco

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	409,423	0.298	122.049	0.364	148.989
6	47	54,660	0.311	16.999	0.311	16.977
7	41	59,332	0.323	19.158	0.302	17.889
8	35	4,054	0.337	1.365	0.296	1.198
9	31	55,293	0.351	19.402	0.300	16.560
11	59	167,341	0.299	50.052	0.356	59.557
12	55	11,742	0.302	3.546	0.339	3.977
16	19	67,271	0.431	29.007	0.337	22.657
17	21	146,496	0.409	59.932	0.328	48.007
19	15	38,009	0.499	18.982	0.364	13.835
			Total for Saco:	**340.493**		**349.646**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
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2030 Portland, Maine Ozone Maintenance Area

31 York County

Sanford

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	55	44,307	0.302	13.381	0.339	15.007
6	47	73,070	0.311	22.725	0.311	22.696
7	41	32,567	0.323	10.516	0.302	9.819
8	35	16,389	0.337	5.520	0.296	4.843
9	31	51,656	0.351	18.126	0.300	15.471
14	19	162,278	0.431	69.974	0.337	54.655
16	19	57,695	0.431	24.878	0.337	19.432
17	21	121,698	0.409	49.786	0.328	39.880
19	15	35,418	0.499	17.688	0.364	12.892
			Total for Sanford:	**232.594**		**194.694**

South Berwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	47	28,601	0.311	8.895	0.311	8.883
7	41	11,037	0.323	3.564	0.302	3.328
9	31	24,562	0.351	8.619	0.300	7.356
16	19	67,269	0.431	29.006	0.337	22.656
17	21	7,106	0.409	2.907	0.328	2.329
19	15	29,227	0.499	14.596	0.364	10.639
			Total for South Berwick:	**67.587**		**55.191**

Wells

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	532,907	0.298	158.859	0.364	193.925
2	55	74,713	0.302	22.563	0.339	25.305
6	47	214,953	0.311	66.850	0.311	66.764
7	41	17,356	0.323	5.604	0.302	5.233
8	35	37,727	0.337	12.707	0.296	11.148
9	31	95,092	0.351	33.368	0.300	28.480
			Total for Wells:	**299.952**		**330.856**

York

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
1	65	650,326	0.298	193.862	0.364	236.654
6	47	186,242	0.311	57.921	0.311	57.847
7	41	119,264	0.323	38.510	0.302	35.958
8	35	17,332	0.337	5.837	0.296	5.121
9	31	121,392	0.351	42.597	0.300	36.357
			Total for York:	**338.728**		**371.937**
			Total for York County:	**2,686.856 kg**		**2,675.170 kg**
		2030 Portland, Maine Ozone Maintenance Area:		**7,351.123 kg**		**7,179.582 kg**
				8.101 tons		**7.912 tons**

HPMS Functional Class Codes:
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09 Hancock County

Bar Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	138,601	0.333	46.154	0.317	43.881
7	41	108,431	0.350	37.940	0.304	32.909
8	35	914	0.366	0.334	0.298	0.272
9	31	103,088	0.382	39.380	0.302	31.081
			Total for Bar Harbor:	**123.808**		**108.143**

Blue Hill

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	63,649	0.350	22.271	0.304	19.318
8	35	44,021	0.366	16.107	0.298	13.096
9	31	16,239	0.382	6.203	0.302	4.896
			Total for Blue Hill:	**44.582**		**37.310**

Brooklin

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	13,888	0.366	5.082	0.298	4.132
9	31	6,033	0.382	2.305	0.302	1.819
			Total for Brooklin:	**7.386**		**5.951**

Brooksville

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,271	0.350	0.445	0.304	0.386
8	35	16,192	0.366	5.925	0.298	4.817
9	31	12,447	0.382	4.755	0.302	3.753
			Total for Brooksville:	**11.124**		**8.956**

Cranberry Isles

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	377	0.382	0.144	0.302	0.114
			Total for Cranberry Isles:	**0.144**		**0.114**

Deer Isle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,989	0.350	15.392	0.304	13.351
8	35	11,103	0.366	4.063	0.298	3.303
9	31	20,262	0.382	7.740	0.302	6.109
			Total for Deer Isle:	**27.195**		**22.763**

Frenchboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	0	0.382	0.000	0.302	0.000
			Total for Frenchboro:	**0.000**		**0.000**

Gouldsboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	46,708	0.333	15.554	0.317	14.788
7	41	23,364	0.350	8.175	0.304	7.091
8	35	13,347	0.366	4.884	0.298	3.971
9	31	5,049	0.382	1.929	0.302	1.522
			Total for Gouldsboro:	**30.541**		**27.372**

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2030 MidCoast, Maine Ozone Maintenance Area

09 Hancock County

Hancock

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	116,582	0.333	38.822	0.317	36.910
7	41	27,278	0.350	9.545	0.304	8.279
8	35	3,075	0.366	1.125	0.298	0.915
9	31	13,637	0.382	5.209	0.302	4.112
			Total for Hancock:	**54.701**		**50.215**

Lamoine

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	19,624	0.350	6.866	0.304	5.956
8	35	12,346	0.366	4.517	0.298	3.673
9	31	6,477	0.382	2.474	0.302	1.953
			Total for Lamoine:	**13.858**		**11.581**

Mount Desert

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	115,416	0.350	40.384	0.304	35.029
8	35	7,477	0.366	2.736	0.298	2.224
9	31	43,950	0.382	16.789	0.302	13.251
			Total for Mount Desert:	**59.909**		**50.504**

Sedgwick

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	35,795	0.350	12.525	0.304	10.864
8	35	20,856	0.366	7.631	0.298	6.205
9	31	3,311	0.382	1.265	0.302	0.998
			Total for Sedgwick:	**21.421**		**18.067**

Sorrento

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	2,311	0.366	0.846	0.298	0.687
9	31	2,677	0.382	1.023	0.302	0.807
			Total for Sorrento:	**1.868**		**1.495**

Southwest Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	43,098	0.350	15.080	0.304	13.080
8	35	12,848	0.366	4.701	0.298	3.822
9	31	10,349	0.382	3.953	0.302	3.120
			Total for Southwest Harbor:	**23.734**		**20.023**

Stonington

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,991	0.350	3.496	0.304	3.032
8	35	7,825	0.366	2.863	0.298	2.328
9	31	12,938	0.382	4.942	0.302	3.901
			Total for Stonington:	**11.301**		**9.261**

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09 Hancock County

Sullivan

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	62,962	0.333	20.966	0.317	19.934
7	41	3,354	0.350	1.174	0.304	1.018
8	35	4,748	0.366	1.737	0.298	1.412
9	31	5,144	0.382	1.965	0.302	1.551
			Total for Sullivan:	**25.842**		**23.915**

Surry

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	46,523	0.350	16.279	0.304	14.120
8	35	13,845	0.366	5.066	0.298	4.119
9	31	6,778	0.382	2.589	0.302	2.044
			Total for Surry:	**23.934**		**20.282**

Swans Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,299	0.350	0.455	0.304	0.394
9	31	1,571	0.382	0.600	0.302	0.474
			Total for Swans Island:	**1.055**		**0.868**

Tremont

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	4,588	0.350	1.605	0.304	1.392
8	35	18,842	0.366	6.894	0.298	5.606
9	31	7,952	0.382	3.038	0.302	2.398
			Total for Tremont:	**11.537**		**9.396**

Trenton

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	49	122,783	0.333	40.887	0.317	38.873
7	41	4,435	0.350	1.552	0.304	1.346
8	35	19,743	0.366	7.224	0.298	5.873
9	31	6,885	0.382	2.630	0.302	2.076
			Total for Trenton:	**52.292**		**48.168**

Winter Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	8,114	0.350	2.839	0.304	2.463
8	35	761	0.366	0.279	0.298	0.227
9	31	9,273	0.382	3.542	0.302	2.796
			Total for Winter Harbor:	**6.660**		**5.485**
			Total for Hancock County:	**552.893 kg**		**479.868 kg**

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13 Knox County

Camden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	57,522	0.306	17.602	0.332	19.080
7	41	17,256	0.325	5.607	0.302	5.203
8	35	30,344	0.339	10.284	0.296	8.967
9	31	36,985	0.354	13.089	0.300	11.077
			Total for Camden:	**46.581**		**44.327**

Cushing

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	10,284	0.325	3.341	0.302	3.101
8	35	23,763	0.339	8.053	0.296	7.022
9	31	1,683	0.354	0.596	0.300	0.504
			Total for Cushing:	**11.990**		**10.627**

Friendship

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	13,012	0.325	4.228	0.302	3.923
8	35	1,585	0.339	0.537	0.296	0.468
9	31	3,737	0.354	1.322	0.300	1.119
			Total for Friendship:	**6.087**		**5.511**

Isle Au Haut

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	2,809	0.354	0.994	0.300	0.841
			Total for Isle Au Haut:	**0.994**		**0.841**

Matinicus Isle Plt

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	214	0.354	0.076	0.300	0.064
			Total for Matinicus Isle Plt:	**0.076**		**0.064**

North Haven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	1,215	0.325	0.395	0.302	0.366
8	35	154	0.339	0.052	0.296	0.046
9	31	1,544	0.354	0.546	0.300	0.462
			Total for North Haven:	**0.994**		**0.874**

Owls Head

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	17,156	0.325	5.574	0.302	5.173
8	35	15,778	0.339	5.347	0.296	4.662
9	31	3,307	0.354	1.170	0.300	0.990
			Total for Owls Head:	**12.091**		**10.825**

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Rockland

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	17,453	0.305	5.323	0.324	5.650
7	41	9,043	0.325	2.938	0.302	2.727
9	31	4,213	0.354	1.491	0.300	1.262
14	19	68,029	0.434	29.531	0.337	22.912
16	19	24,260	0.434	10.531	0.337	8.171
17	21	40,121	0.412	16.534	0.328	13.148
19	15	22,017	0.502	11.061	0.364	8.014
			Total for Rockland:	**77.410**		**61.883**

Rockport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	100,623	0.306	30.791	0.332	33.377
6	53	115,131	0.305	35.115	0.324	37.268
7	41	6,600	0.325	2.144	0.302	1.990
8	35	10,125	0.339	3.431	0.296	2.992
9	31	45,152	0.354	15.979	0.300	13.523
			Total for Rockport:	**87.460**		**89.149**

Saint George

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	49,987	0.325	16.241	0.302	15.071
9	31	14,704	0.354	5.204	0.300	4.404
			Total for Saint George:	**21.445**		**19.475**

South Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	46,044	0.325	14.960	0.302	13.882
8	35	5,277	0.339	1.788	0.296	1.559
9	31	7,462	0.354	2.641	0.300	2.235
			Total for South Thomaston:	**19.389**		**17.676**

Thomaston

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	84,316	0.306	25.801	0.332	27.968
7	41	19,513	0.325	6.340	0.302	5.883
8	35	8,274	0.339	2.804	0.296	2.445
9	31	17,190	0.354	6.084	0.300	5.149
			Total for Thomaston:	**41.028**		**41.444**

Vinalhaven

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	5,142	0.325	1.671	0.302	1.550
9	31	13,058	0.354	4.621	0.300	3.911
			Total for Vinalhaven:	**6.292**		**5.461**

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13 Knox County

Warren

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	53	81,714	0.306	25.005	0.332	27.105
6	53	50,308	0.305	15.344	0.324	16.285
7	41	25,745	0.325	8.364	0.302	7.762
8	35	8,114	0.339	2.750	0.296	2.398
9	31	30,583	0.354	10.823	0.300	9.160
			Total for Warren:	**62.286**		**62.708**
			Total for Knox County:	**394.123 kg**		**370.866 kg**

15 Lincoln County

Alna

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	14,384	0.325	4.673	0.302	4.337
8	35	8,061	0.339	2.732	0.296	2.382
9	31	2,689	0.354	0.952	0.300	0.805
			Total for Alna:	**8.357**		**7.524**

Boothbay

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	62,130	0.305	18.950	0.324	20.112
7	41	4,716	0.325	1.532	0.302	1.422
8	35	24,974	0.339	8.464	0.296	7.380
9	31	25,380	0.354	8.982	0.300	7.601
			Total for Boothbay:	**37.928**		**36.514**

Boothbay Harbor

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	22,868	0.305	6.975	0.324	7.403
7	41	19,100	0.325	6.206	0.302	5.759
8	35	12,054	0.339	4.085	0.296	3.562
9	31	14,005	0.354	4.956	0.300	4.194
			Total for Boothbay Harbor:	**22.222**		**20.918**

Bremen

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	9,555	0.325	3.104	0.302	2.881
8	35	4,996	0.339	1.693	0.296	1.476
9	31	2,624	0.354	0.928	0.300	0.786
			Total for Bremen:	**5.726**		**5.143**

Bristol

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	71,213	0.325	23.137	0.302	21.471
8	35	12,885	0.339	4.367	0.296	3.808
9	31	16,715	0.354	5.915	0.300	5.006
			Total for Bristol:	**33.419**		**30.284**

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15 Lincoln County

Damariscotta

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	25,546	0.309	7.894	0.326	8.320
7	41	50,063	0.325	16.265	0.302	15.094
8	35	19,642	0.339	6.657	0.296	5.804
9	31	10,942	0.354	3.872	0.300	3.277
			Total for Damariscotta:	**34.688**		**32.496**

Dresden

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
6	53	29,965	0.305	9.139	0.324	9.700
7	41	13,202	0.325	4.289	0.302	3.981
8	35	29,042	0.339	9.842	0.296	8.582
9	31	7,947	0.354	2.812	0.300	2.380
			Total for Dresden:	**26.084**		**24.642**

Edgecomb

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	54,269	0.309	16.769	0.326	17.675
6	53	44,997	0.305	13.724	0.324	14.566
7	41	509	0.325	0.165	0.302	0.153
8	35	13,293	0.339	4.505	0.296	3.928
9	31	6,550	0.354	2.318	0.300	1.962
			Total for Edgecomb:	**37.482**		**38.284**

Monhegan Island Plt

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
9	31	27	0.354	0.010	0.300	0.008
			Total for Monhegan Island Plt:	**0.010**		**0.008**

Newcastle

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	94,489	0.309	29.197	0.326	30.775
7	41	22,645	0.325	7.357	0.302	6.828
8	35	26,636	0.339	9.027	0.296	7.871
9	31	9,817	0.354	3.474	0.300	2.940
			Total for Newcastle:	**49.056**		**48.414**

Nobleboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	57,398	0.309	17.736	0.326	18.694
7	41	836	0.325	0.272	0.302	0.252
8	35	15,801	0.339	5.355	0.296	4.669
9	31	15,778	0.354	5.584	0.300	4.726
			Total for Nobleboro:	**28.946**		**28.341**

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South Bristol

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	26,588	0.325	8.639	0.302	8.016
8	35	1,263	0.339	0.428	0.296	0.373
9	31	4,613	0.354	1.633	0.300	1.382
			Total for South Bristol:	**10.699**		**9.771**

Southport

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	569	0.325	0.185	0.302	0.172
8	35	11,985	0.339	4.062	0.296	3.542
9	31	3,071	0.354	1.087	0.300	0.920
			Total for Southport:	**5.333**		**4.633**

Waldoboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	100,164	0.309	30.951	0.326	32.623
7	41	77,545	0.325	25.194	0.302	23.380
8	35	12,643	0.339	4.285	0.296	3.736
9	31	25,687	0.354	9.091	0.300	7.693
			Total for Waldoboro:	**69.520**		**67.432**

Westport Island

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
8	35	7,135	0.339	2.418	0.296	2.109
9	31	3,076	0.354	1.089	0.300	0.921
			Total for Westport Island:	**3.507**		**3.030**

Wiscasset

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
2	51	111,266	0.309	34.381	0.326	36.239
6	53	38,310	0.305	11.685	0.324	12.401
7	41	8,737	0.325	2.839	0.302	2.634
8	35	14,073	0.339	4.769	0.296	4.159
9	31	22,109	0.354	7.825	0.300	6.622
			Total for Wiscasset:	**61.498**		**62.055**
			Total for Lincoln County:	**434.475 kg**		**419.490 kg**

27 Waldo County

Isleboro

HPMS FFC	Avg Speed	2030 Summer DVMT	VOC EF	VOC (kg)	NOX EF	NOX (kg)
7	41	864	0.350	0.302	0.304	0.262
8	35	2,185	0.366	0.800	0.298	0.650
9	31	13,421	0.382	5.127	0.302	4.046
			Total for Isleboro:	**6.229**		**4.959**
			Total for Waldo County:	**6.229 kg**		**4.959 kg**

2030 MidCoast, Maine Ozone Maintenance Area: **1,387.720 kg** **1,275.183 kg**

1.529 tons **1.405 tons**

HPMS Functional Class Codes:
Rural: 1=Interstate; 2=Other Principal Arterial; 6=Minor Arterial; 7=Major Collector; 8=Minor Collector; 9=Local
Urban: 11=Interstate; 12=Other Freeways Expressways, 14=Other Principal Arterial; 16=Minor Arterial; 17=Collector; 19=Local
Classes 1, 2, 11 and 12 are run using the FREEWAY roadway scenario. All other classes are run using the ARTERIAL roadway scenario.

-APPENDIX K-

APPROVAL LETTERS

SOUTHERN MAINE REGIONAL PLANNING COMMISSION

The Council of Governments
Serving the Municipalities of
Southwestern Maine

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

February 2, 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 *Connecting Maine,* MaineDOTs Long Range Transportation Plan

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

21 Bradeen Street . Suite 304 . Springvale, Maine 04083
207.324.2952 Voice . 207.324.2958 Fax . info@smrpc.org
http://www.smrpc.org

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FEB 18 2009

PACTS

Portland Area Comprehensive Transportation Committee

Destination Tomorrow

Linking Our Communities
Advancing Our Region

February 17, 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 *Connecting Maine,* MaineDOTs Long Range Transportation Plan

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

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

February 25, 2009

Nathan Howard
MaineDOT, Bureau of Planning
Program Development & Program Management Division
16 State House Station
Augusta, ME 04333-0016

Dear Mr. Howard: Nate

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 Connecting Maine, MaineDOT's Long-Range Transportation Plan. Our review has verified the correct use of control measures for this determination.

If you have any questions, do not hesitate to contact me at 287-6102.

Sincerely,

Melissa Morrill

Melissa Morrill
Mobile Sources Section
Division of Program Planning
Bureau of Air Quality
Maine Department of Environmental Protection

cc: Ariel Garcia, EPA – Region 1
Anna Price, FHWA -
Bill Gordon, FTA – Region 1
Tammy Gould – DEP

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U.S. Department
of Transportation
Federal Highway Administration

Maine Division

40 Western Ave, Room 614
Augusta, ME 04330

February 20, 2009

In Reply Refer To:
HDA-ME

Nate Howard
Maine Department of Transportation
16 State House Station
Augusta, ME 04333-0016

Dear Nate:

FHWA has reviewed the Air Quality Conformity analysis for the 2008-2011 Statewide Transportation Improvement Program, which has been incorporated into "Connecting Maine" Maine's Long Range Transportation Plan. The conformity analysis uses the latest planning assumptions by incorporating the PACTS transportation model. The conformity analysis also includes all regionally significant projects. It also incorporates the projects identified in the PACTS and KACTS Transportation Improvement Programs (TIPs).

In accordance with Section 176 (c) of the Clean Air Act as amended in 1990, I have determined that the air quality conformity analysis is consistent with the conformity criteria published in 40 CFR parts 51 and 93.

Thank you for the opportunity to review and comment on the conformity analysis.

Sincerely yours,

Anna Price
Community Planner

cc:
Donald Cooke, EPA;
William Gordon, FTA;
Kat Fuller, MaineDOT
Peter Kleskovic, FHWA

MOVING THE AMERICAN ECONOMY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 1
1 CONGRESS STREET, SUITE 1100
BOSTON, MASSACHUSETTS 02114-2023

March 18, 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: 2008 - 2011 Statewide Transportation Improvement Program
Transportation Conformity Analysis

Dear Mr. McDade:

EPA New England's Air Quality Unit has conducted a review of the March 2009 "Air Quality Conformity Analysis for the 2008 – 2011 Statewide Transportation Improvement Program and *Connecting Maine: Planning Our Transportation Future* for Maine's Ozone Maintenance Areas including the Metropolitan Planning Organizations: PACTS and KACTS," prepared by 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 maintenance area (which includes portions of Androscoggin, Cumberland, Sagadahoc, and York Counties); (2) the Midcoast Maine 8-hour ozone maintenance area (which includes portions of Hancock, Knox, Lincoln, and Waldo Counties); and (3) the Presque Isle Maine PM_{10} maintenance area. 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 maintenance area. The emissions predicted in the "Build" scenario for future years are less than or equal to the 2007 and 2016 motor vehicle emissions budgets.

  The 2007 volatile organic compounds (VOC) and nitrogen oxides (NOx) motor vehicle emissions budgets were contained in the Portland Maine marginal 8-hour ozone nonattainment area 5 Percent Increment of Progress SIP. They are 20.115 tons per summer weekday of VOC and 39.893 tons per weekday of NOx, and were approved by EPA on March 25, 2006 (71 FR 14815 – 14816).

  The 2016 volatile organic compounds (VOC) and nitrogen oxides (NOx) motor vehicle emissions budgets were contained in the Portland Maine 8-hour ozone maintenance plan. They are 16.659 tons per summer weekday of VOC and 32.837 tons per weekday of NOx, and were approved by EPA on December 11, 2006 (71 FR 71489 - 71491).

Portland, Maine 8-hour Ozone Maintenance Area (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx Motor Vehicle Emission Budget
2009	16.612	20.115	32.476	39.893
2016	11.024	16.659	16.530	32.837
2025	8.099	16.659	9.076	32.837
2030	8.067	16.659	7.886	32.837

- The Maine Department of Transportation demonstrates transportation conformity in the Midcoast Maine 8-hour ozone maintenance 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 volatile organic compounds (VOC) and nitrogen oxides (NOx) motor vehicle emissions budgets were contained in the Midcoast 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).

Midcoast Maine 8-hour Ozone Maintenance Area (Emissions in tons per summer day)				
Year	VOC Build Emissions	VOC 2002 Baseline or VOC Motor Vehicle Emission Budget	NOx Build Emissions	NOx 2002 Baseline or NOx Motor Vehicle Emission Budget
2009	3.328	6.816	5.578	11.317
2016	2.167	3.763	2.780	6.245
2025	1.555	3.763	1.611	6.245
2030	1.523	3.763	1.399	6.245

- Maine's Statewide Transportation Improvement Program will neither slow down nor interfere with the maintenance plan for the Presque Isle PM_{10} attainment area.

- Maine's Transportation Improvement Program is derived from a conforming Transportation Plan and includes all regionally significant transportation projects contained in the Long Range Transportation Plan for the 2008 through 2011 time frame.

- The Statewide Transportation Improvement Program utilizes the latest planning assumptions; the appropriate MOBILE6 emission factor model to develop emission factors; and the relevant Federal, State and Metropolitan Planning Organization Agencies have conducted the consultation process in accordance with the conformity rule.

If you or your staff has any questions regarding our comments, please feel free to contact Ariel Garcia of my staff at (617) 918-1660.

Sincerely,

Anne Arnold

Anne Arnold, Manager
Air Quality Planning Unit

cc: 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