Connecticut Department of Transportation

OZONE Air Quality Conformity Determination

of the
2015 Regional Transportation Plans and the
FY 2015-2018 Transportation Improvement Programs Amendments
for the Connecticut portion of
the New York-Northern New Jersey-Long Island, NY-NJ-CT
Ozone Nonattainment Area and the Greater Connecticut Ozone Nonattainment Area

September 2016

Note: The Connecticut portion of the New York-Northern New Jersey-Long Island Nonattainment area (Fairfield, New Haven and Middlesex counties) and the Greater Connecticut Nonattainment area (Hartford, New London, Tolland, Windham and Litchfield counties) have been designated as Marginal Nonattainment areas. This document includes the documentation of the regional analysis for both nonattainment areas within the State of Connecticut, as well as documentation and information on the processes and procedures undertaken by Connecticut Department of Transportation, coordinator of Air Quality Conformity for the Connecticut Regional Planning Organizations.

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INTRODUCTION

This report was prepared to document the emissions analysis that was completed to evaluate Transportation Conformity of the Metropolitan Regional Planning Organizations' Fiscal Year 2015-2018 Transportation Improvement Programs (TIP), as Amended and the 2015 Regional Long Range Transportation Plans (LRTP) to the State Implementation Plan (SIP) for air quality. This submittal incorporates the FY 2015-2018 TIPs, as Amended and 2015 LRTPs from Connecticut's Regional Planning Organizations (RPOs), and Mobile Vehicle Emission Budgets (MVEBs).

The report is submitted to satisfy the requirements of the SIP, as revised.

The statewide travel demand models were rerun, along with accompanying Vehicle Miles of Travel (VMT) and the MOVES2014a emissions model. The results of these runs show a decrease in emissions in the affected area and therefore the transportation program and plan continue to conform to the State's air quality plan.

On November 15, 1990, the Clean Air Act Amendments (CAAA) of 1990 was signed into law. On August 15, 1997, the Environmental Protection Agency (EPA) published the Final Conformity Rule. Effective February 17, 2004, EPA approved a revision to the Connecticut SIP for the attainment and maintenance of the one-hour National Ambient Air Quality Standard (NAAQS) for ground level ozone.[1] Emissions budgets for the 2007 Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) motor vehicle emissions were calculated using MOBILE6.2 for the Connecticut portion of the New York-Northern New Jersey-Long Island Nonattainment area and the 2007 motor vehicle emissions budgets (MVEBs) for the Greater Connecticut Nonattainment area. Procedures and criteria contained in that document provided the basis for this Conformity determination. Implementation of these rules has been accomplished through a cooperative effort of the Regional Planning Organizations (RPOs), EPA, Federal Transit Administration (FTA), Federal Highway Administration (FHWA),

[1] 40CFR Part 52

Connecticut Department of Transportation (CTDOT) and the Connecticut Department of Energy and Environmental Protection (CTDEEP).

In June of 2004, EPA finalized eight-hour conformity rules for ozone nonattainment areas in Connecticut, which became effective in June of 2005. These areas were designated as 'moderate' nonattainment for the eight-hour standard: the Connecticut portion of the New York-Northern New Jersey-Long Island eight-hour ozone nonattainment area, consisting of Fairfield, New Haven and Middlesex counties and the Greater Connecticut eight-hour ozone nonattainment area, consisting of Hartford, Litchfield, New London, Tolland and Windham counties. Emissions were tested against the new eight-hour budgets, which were developed jointly by CTDEEP and CTDOT, and found adequate by EPA on June 27, 2008.

The 2009 MVEBs established in 2008 for each of Connecticut's nonattainment areas represented CTDEEP's planning estimate at that time of the level of motor vehicle emissions that would be necessary to produce timely attainment of the 1997 8-hour ozone NAAQS. The appropriateness of the 2009 MVEBs was confirmed by actual monitored 2009 design values, which demonstrated that both nonattainment areas had achieved timely attainment of the NAAQS.

On August 23, 2010, CTDEEP requested EPA to retain the 2009 MVEBs as adequate ozone precursor budgets for future transportation conformity determinations and for EPA to withdraw the adequacy determination for the 2012 MVEBs, which were set at lower emission levels in case attainment was not achieved by 2009. On December 30, 2010 EPA informed CTDEEP that it was withdrawing its previous adequacy finding on the 2012 out year MVEBs contained in Connecticut's 8-hour ozone attainment demonstration SIP. Connecticut's withdrawal of the 2012 MVEBs was published in the Federal Register on February 15, 2011 and the budget change became effective 15 days after publication of the announcement.

On May 21, 2012, the Federal Register (77 FR 30160) established the approach for classifying nonattainment areas, set attainment deadlines, and revoked the 1997 Ozone standard for transportation conformity purposes. Areas designated nonattainment for the 2008 Ozone NAAQS were classified into one of the following categories, based on the severity of their ozone problem: Marginal, Moderate, Serious, Severe, or Extreme. EPA established attainment dates for the 2008 primary ozone NAAQS based on the area's classification, as shown in Table 1.[2] Both of the State's nonattainment areas were classified as "Marginal" for the 2008 Ozone NAAQS.

TABLE 1: Classification Categories and Attainment Dates

Classification	Attainment Date
Marginal	December 31, 2015
Moderate	December 31, 2018
Serious	December 31, 2021
Severe	December 31, 2027
Extreme	December 31, 2032

The EPA has determined that 11 Marginal areas did not attain the 2008 ozone standards by the July 20, 2015, attainment date, and that these areas do not qualify for a 1-year attainment date extension, and that they must be reclassified as Moderate based on their 2012-2014 air quality data. Both the Greater Connecticut and the New York-Northern New Jersey-Long Island (NY-NJ-CT) area were two of the eleven areas.[3] The "bump-up" designation to Moderate was effective on June 3, 2016.

In this action, the EPA is also establishing a due date of January 1, 2017, by which states with newly-reclassified Moderate areas must submit State Implementation Plan (SIP) revisions to address Moderate nonattainment area requirements for those areas. The

[2] Source: Table 4 in 77 FR 30160

[3] https://www.epa.gov/sites/production/files/2016-04/documents/20160411factsheet.pdf

reclassified areas must attain the 2008 ozone standards as expeditiously as practicable, but not later than the Moderate area attainment date of July 20, 2018.

Finally, for the New York-Northern New Jersey-Long Island, NY-NJ-CT, area, the EPA is rescinding the clean data determination issued in June 2012, and is issuing a new SIP call, for the 1997 ozone NAAQS. The states in the New York City area may satisfy the SIP call for the 1997 NAAQS by making timely submittals to meet the Moderate area SIP requirements that now apply to this area for the 2008 ozone NAAQS.[4]

MOVES2014a includes three new emission control programs associated with regulation promulgated sine the release of MOVES2010b:

- Tier 3 emission standards that phase in beginning in 2017 for cars, light-duty trucks, medium-duty passenger vehicles, and some heavy-duty trucks, and Tier 3 fuel standards that require lower sulfur gasoline beginning in 2017.
- Heavy-duty engine and vehicle greenhouse has (GHG) regulations that phase in during model years 2014-2018.
- The second phase of light-duty vehicle GHG regulations that phase in for model years 2017-2025 cars and light trucks.

MOVES2014a also includes new and updated emissions data from a wide range of test programs and other sources. The most significant changes include new effects of fuel properties such as gasoline sulfur and ethoanol, new data on evaporative emissions from fuel leaks and from vehicles parked for multiple days, new analysis of particulate matter (PM) data related to PM speciation and temperature effects on running PM emissions and new real world in-use emissions for heavy-duty vehicles using data from portable emission monitoring systems.

MOVES2014a estimates exhaust and evaporative emissions as well as brake and tire wear emissions from all types of on-road vehicles. MOVES2014a also uses a vehicle

[4] https://www.federalregister.gov/articles/2016/05/04/2016-09729/determinations-of-attainment-by-the-attainment-date-extensions-of-the-attainment-date-and#h-41

classification system based on the way vehicles are classified in the FHWA's Highway Performance Monitoring System (HPMS). Other parameters include vehicle miles traveled (VMT) by vehicle and road type, vehicle hours traveled (VHT) by vehicle and road type, the number of each type of vehicle in the fleet, vehicle age distribution, model year, travel speed, roadway type, fuel information, meteorological data, such as ambient temperature and humidity, and applicable control measures such as reformulated gasoline (RFG) and inspection and maintenance (I/M). Local inputs were cooperatively developed by CTDEEP and CTDOT where applicable using EPA recommended methods.[5]

Emissions are now tested against the established eight-hour budgets, which were developed jointly by CTDEEP and CTDOT, and found adequate by EPA on June 27, 2008. In November 2012, EPA confirmed by telephone to CTDEEP that future conformity determinations utilizing the MOVES2010b model can be made by comparing emission results to the existing MOBILE6.2 budgets for Ozone.

Until superseded by an updated emissions model, all future transportation conformity analysis will be required to demonstrate compliance with MOVES2014a emission budgets.

Therefore, as the 2009 MVEBs are adequate ozone precursor budgets, this Air Quality Conformity analysis will compare future year emissions to this base.

5 "MOVES2014 and MOVES2014a Technical Guidance: Using MOVES to Prepare Emission Inventories for State Implementation Plans and Transportation Conformity", EPA-420-B-15-093, November 2015

VEHICLE EMISSIONS

Ozone

Ground level ozone is a major component of smog. It is formed by sunlight and heat acting upon fuel combustion products such as nitrogen oxides and hydrocarbons.
Ozone occurs naturally in the upper atmosphere and shields the earth from ultraviolet radiation. However, at ground level, ozone is a severe irritant. Because ozone formation is directly related to atmospheric temperatures, problematic ozone levels occur most frequently on hot summer afternoons.

Ozone exposure is linked to respiratory illnesses such as asthma and lung inflammation and can exacerbate existing respiratory ailments. Ozone pollution can also severely damage vegetation, including agricultural crops and forest habitats.

Nitrogen Oxides (NOx)

Mobile source nitrogen oxides form when nitrogen and oxygen atoms chemically react inside the high pressure and temperature conditions in an engine. Nitrogen oxides are precursors for ozone and can also contribute to the formation of acidic rain.

Hydrocarbons or Volatile Organic Compounds (VOC)

Hydrocarbon emissions are a product of partial fuel combustion, fuel evaporation and refueling losses caused by spillage and vapor leakage. VOC reacts with nitrogen oxides and sunlight to form ozone.

Carbon Monoxide (CO)

Carbon monoxide is produced by the incomplete burning of carbon in fuels, including gasoline. High concentrations of CO occur along roadsides in heavy traffic, particularly at major intersections and in enclosed areas such as garages and poorly ventilated tunnels. Peak concentrations occur during the colder months of the year when CO vehicular emissions are greater.

Ozone Nonattainment Areas

On March 27, 2008, EPA finalized new ozone standards which tightened the standard to 0.075 parts per million (ppm) from the previous, 1997 ozone standard of 0.08 ppm. On May 21, 2012, EPA finalized designations for this new ozone standard, effective July 20, 2012. The nonattainment areas have changed under the latest 2008 ground-level ozone eight-hour standard. The Connecticut portion of the New York-Northern New Jersey-Long Island nonattainment area (Fairfield, New Haven and Middlesex counties) has been designated a Marginal Nonattainment area, while the Greater Connecticut area (Hartford, New London, Tolland, Windham and Litchfield counties) has also been designated as a Marginal Nonattainment area. Figure 1 below shows the two Marginal Nonattainment areas in Connecticut.

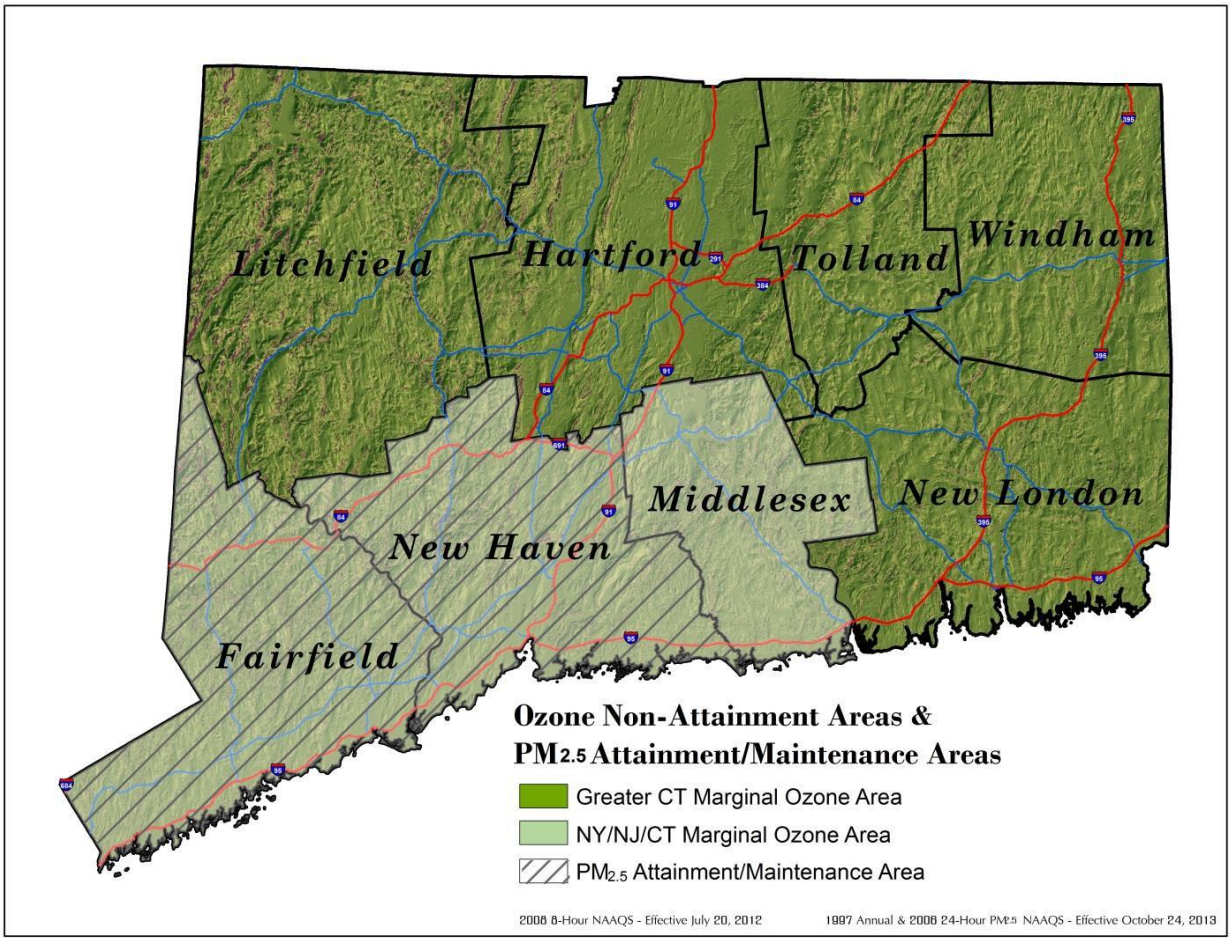

Figure 1: Connecticut Ozone Nonattainment Areas and $PM_{2.5}$ Attainment/Maintenance Area

CO Nonattainment Areas

There were formerly three CO Nonattainment areas in the state. These were the Southwest portion of the state, the greater New Haven area, and the greater Hartford area. The remainder of the state was in attainment for CO. Attainment was demonstrated in each of these areas and, subsequently, they were designated as Full Maintenance areas. On September 13, 2004, EPA approved a CTDEEP submittal for a SIP revision for re-designation of these areas to Limited Maintenance Plan status, thus eliminating the need for budget testing. In the future, "hot-spot" carbon monoxide analyses will be performed to satisfy "project level" conformity determinations. Figure 2 below shows the CO attainment/maintenance areas in Connecticut.

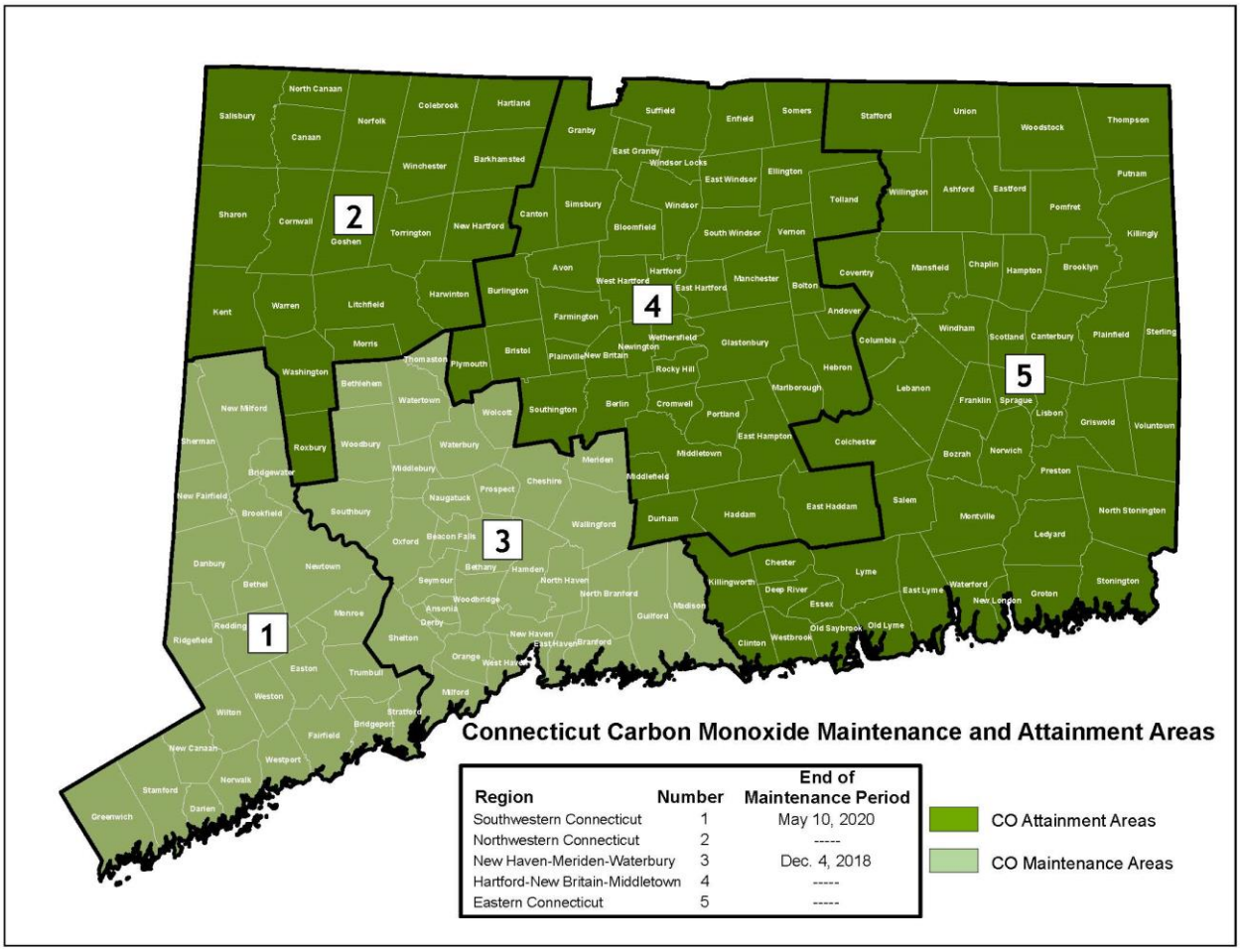

Figure 2: Connecticut Carbon Monoxide Maintenace and Attainment Areas

Conformity Tests

Under the Conformity Rules, the following test for VOC/NOx must be met:

- TEST 1

  For VOC and NOx, transportation emissions from the Action Scenarios must be less than the 2009 transportation emission budgets if analysis year is 2009 or later.

As the CO areas have been approved by EPA for Limited Maintenance Plan status, no tests for CO are required.

The **ACTION SCENARIO** is the future transportation system that will result from full implementation of the Transportation Improvement Programs (TIP) and Long Range Transportation Plans (LRTP).

VOC/NOx emission analysis was conducted for summer conditions and for the following years:

- 2009 (eight-hour MVEB year)
- 2017 (New Attainment year and near term analysis year)
- 2025 (Interim modeling year)
- 2035 (Interim modeling year)
- 2040 (Long Range Transportation Plan horizon year)

At this time, the following eight-hour emission budgets have been approved by EPA for use in this conformity analysis:

1. In 2009 and subsequent years, VOC in the Connecticut portion of the New York-Northern New Jersey-Long Island Marginal Nonattainment area must be less than 27.4 tons per day.

2. In 2009 and subsequent years, NOx in the Connecticut portion of the New York-Northern New Jersey-Long Island Marginal Nonattainment area must be less than 54.6 tons per day.

3. In 2009 and subsequent years, VOC in the Greater Connecticut Marginal

Nonattainment area must be less than 26.3 tons per day.

4. In 2009 and subsequent years, NOx in the Greater Connecticut Marginal Nonattainment area must be less than 49.2 tons per day.

INTERAGENCY CONSULTATION

An Interagency Consultation Meeting was held on April 19, 2016 to address the need to prepare an Air Quality Determination Analysis for these TIP amendments. All Metropolitan Planning Organizations (MPO's), rural COGs, FHWA, FTA, EPA, and CTDEEP were invited to review and comment on the project's Air Quality coding, analysis years to be modeled, and comments on the latest planning assumptions to be utilized for this conformity.

The project Air Quality coding is as follows:

CC – Conformity Analysis Completed

M – Modeled in the Department's highway or transit networks

NM – Requires modeling and will be included into the Department's highway and transit networks prior to conformity analysis

NRS –a highway or transit project on a facility that does not serve regional needs or is not normally included in the regional travel simulation model and does not fit into an exempt project category in Table 2 or 3 of the Final Rule (40 CFR 93).

RS – Regionally Significant refers to a transportation project in the TIP and/or STIP (other than an exempt project) that is on a facility which serves regional transportation needs such as access to and from the area outside of the region, major activity centers in the regions, major planned development such as new retail malls, sports complexes, etc., or transportation terminals as well as most terminals themselves) and would normally be included in the modeling of a metropolitan area's transportation network, including at a minimum all principal arterial highways and all fixed guide-way transit facilities that offer an alternative to regional highway travel (40 CFR 93.101). Once a project is identified as regionally significant, it must be included in the analysis regardless of funding source.

Exempt Project – a project listed in Table 2 or 3 of the Final Rule (40 CFR 93) that

primarily enhances safety or aesthetics, maintains mass transit, continues current levels of ridesharing, or builds bicycle and pedestrian facilities.

X6 - Project exempt from the requirement to determine conformity under 40 CFR 93.126

X7 – Project exempt form regional emissions analysis requirements under 40 CFR 93.127

X8 – Traffic synchronization projects may be approved, funded and implemented without satisfying conformity requirements under 40 CFR 93.128

It was agreed upon that the 2011 vehicle registration data file would be utilized for this Conformity Determination and CTDEEP and CTDOT staff would discuss update of this file at a May 2016 meeting.

A copy of the Interagency Consultation Meeting minutes is included in Appendix A. The final emissions analysis was prepared and the report was distributed for the 30 day public comment period.

PUBLIC CONSULTATION

As required by the Final Rule, the transportation conformity process must include public consultation on the emissions analysis and conformity determination for Ozone determinations. This includes posting of relevant documentation and analysis on a “clearinghouse” webpage maintained through the interagency consultation process. All MPOs in the Connecticut Ozone Nonattainment areas must provide thirty day public comment periods and address any comments received. For this Ozone transportation conformity determination, all Connecticut MPOs will hold a thirty day public comment period.

VMT and EMISSIONS ESTIMATES

VMT estimates were developed from CTDOT's statewide network-based travel model. The 2015 travel model year, to the extent practical, represents all state highways and major connecting non-state streets and roads, as well as the rail, local bus, and expresses bus systems that currently exist. Future highway networks for 2018, 2020, 2025 and 2030 and transit networks for 2015, 2016, 2020, 2030 and 2040 were built by adding Statewide Transportation Improvement Program (STIP), TIP and LRTP projects (programmed for opening after 2015) to the 2015 network year. These networks were used to run travel models and conduct emissions analysis for the years 2017, 2025, 2035, and 2040. Projects for each model analysis year for which network changes were required are shown on Table 2 as follows:

TABLE 2 LIST OF NETWORK CHANGES

2015 NETWORK CHANGES

MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	TO
CAPITAL REGION			
0063-XXXX INTERMODAL TRIANGLE HARTFORD	Project enhancing Union Station as a regional intermodal transportation Hub and connecting that with the rest of downtown through improved transit, pedestrian and biking infrastructure	Varies	
0077-0215 HILLSIDE ROAD MANSFIELD NEW ROAD	Extension of existing Hillside Road to Route 44. Congressional earmark CCD 2015, TIP	0/0	1/1
0171-0305 CT FASTRAK NEW BRITAIN-HARTFORD NEW BUS SERVICE	From New Britain to Hartford, District 1 funding Hartford and New Britain CCD 8/14/2015, TIP	N/A	
CENTRAL NAUGATUCK VALLEY			
0151-XXXX BOYDEN STREET WATERBURY EXTENSION	Boyden Street Extension Construct new road from Bucks Hill Road to North Main Street Long Range Plan	0/0	1/1
SOUTH CENTRAL			
0092-0614 ROUTE 34 NEW HAVEN BOULEVARD	Reconstruction of Route 34 to at grade Boulevard Long Range Plan	N/A	
0106-0125 EDISON ROAD ORANGE EXTEND	Project to extend Edison Road from its current terminus to Marsh Hill Road, a length of approximately 2,200 feet	0/0	1/1

SOUTH WESTERN			
0102-0278 I-95 NORWALK OPERATIONAL LANES	Add auxiliary lanes between Int. 14 and 15 (NB and SB) on I-95 CCD 12-1-2014	3/3	4/4
0135-0310 WEST MAIN STREET STAMFORD BRIDGE REPLACEMENT	Removal of automobile bridge over the Mill River CCD 2014, TIP	1/1	0/0

2016 NETWORK CHANGES

NEW MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	TO
LOWER CT RIVER VALLEY			
0478-0077 MADISON-MIDDLETOWN NEW BUS SERVICE	New Estuary Transit District bus service starting in the center of Madison that will travel along Route 1, Route 81, and Route 154 to downtown Middletown. CCD 2016 TIP	N/A	
SOUTH CENTRAL		N/A	
0478-0077 MADISON-MIDDLETOWN NEW BUS SERVICE	New Estuary Transit District bus service starting in the center of Madison that will travel along Route 1, Route 81, and Route 154 to downtown Middletown. CCD 2016 TIP		
HOUSATONIC VALLEY			
0416-0076 MATRIX COMMUTER DANBURY NEW BUS SERVICE	New HARTransit bus service loop between the Interstate 84 Exit 2 Park & Ride, Belimo, and the Matrix Corporate Center. CCD 2016, TIP	N/A	

2018 NETWORK CHANGES

REGION PROJECT NUMBER HIGHWAY NAME TOWN	DESCRIPTION	LANES FROM	 TO
CAPITAL REGION			
0131-0190 ROUTE 10 SOUTHINGTON BRIDGE REMOVAL	Remove Bridge Number 00518 Reconstruct 10/322 Intersection CCD 11/2017, TIP	1/1	0/0
GREATER BRIDGEPORT			
0015-TMP1 LAFAYETTE CIRCLE BRIDGEPORT REALIGNMENT	Realignment of Lafayette Circle and establishment of bidirectional traffic on Fairfield Avenue CCD 2017, TIP	0/1	1/1
0036-0184 ROUTE 34 DERBY WIDENING	Main Street Derby from Bridge Street to Route 8 South Exit15 On/Off Ramps (Ausonio Street) CCD 2018, TIP	1/1	2/2
HOUSATONIC VALLEY			
0034-0347 SR 806 NEWTOWN ROAD DANBURY	State Route 806 (Newtown Road) from Old Newtown to Plumtrees & from Eagle to Industrial Plaza, Danbury - Widening from 1 lane each direction to 2 lanes each direction CCD 2016, TIP	1/1	2/2
SOUTH CENTRAL			
0079-XXXX WEST MAIN STREET MERIDEN MULTIPLE LANE CHANGES	Multiple lane and directional changes in the center of town. Conversion of multiple one way streets to two ways, two way streets to one way, lane reductions. CCD 2017, TIP	VARIOUS	
0092-0531 I-95 NEW HAVEN BRIDGE REPLACEMENT	Q Bridge Replacement and demolition; Contract E CCD 2016, TIP	3/3	5/5

0092-0532 I-95 NEW HAVEN BRIDGE REPLACEMENT	Q Bridge Replacement and demolition; Contract B CCD 2016, TIP	3/3	5/5
0092-0627 I-95 NEW HAVEN BRIDGE REPLACEMENT	Q Bridge Replacement and demolition; Contract B2 CCD 2016, TIP	3/3	5/5
0092-XXXX NORTH FRONTAGE ROAD NEW HAVEN ROADWAY REMOVAL	Removal of North Frontage Road between State Street & Orange Street CCD 2016, TIP	1/1	0/0
0100-0175 SACKETT POINT ROAD NORTH HAVEN WIDENING	Project to widen Sackett Point Road from 1 lane to 2 lanes CCD 2018, TIP	1/1	2/2
SOUTH WESTERN			
0102-0325 ROUTE 1 NORWALK WIDENING	Addition of a through lane on Route 1 Northbound from France Street to Route 53 CCD 2017, TIP	1/1	1/2
0135-0301 ATLANTIC STREET STAMFORD WIDENING	Reconstruction of I-95 off ramps and Atlantic Street in vicinity of Metro North Railroad Bridge No. 08012R CCD 2018, TIP	2/2	3/3
GREATER BRIDGEPORT			
0138-0211 ROUTE 1 STRATFORD WIDENING	Addition of a through lane on Route 1 Southbound from Nobel Street to Soundview Avenue CCD 2017, TIP	1/1	2/1

CENTRAL NAUGATUCK VALLEY			
0017-0182 ROUTE 6 BRISTOL WIDENING	Addition of a second through lane on Route 6 Eastbound from Carol Drive to Peggy Lane CCD 2018, TIP	2/1	2/2

2020 NETWORK CHANGES

NEW MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	 TO
CAPITAL REGION			
0051-0259 I84/RT4/RT6 FARMINGTON INTERCHANGE BSWY	Interchange improvements at Routes 4, 6, and 9 including a new EB C/D Roadway BID 12-31-08, CCD 2019, TIP	N/A	
0063-0703 I-91, EXIT 29 HARTFORD WIDENING	Relocation and Reconfiguration of Interchange 29 on I-91; New addtioanl lanes Rte. 15 NB from 2 to 3 lanes exit 90 to 0.5 miles beyond Exit 91 CCD 2020 Long Range Plan	3/3	4/3
0155-0156 I-84 WEST HARTFORD OPERATIONAL LANES	Add an Operational Lane WB between Interchanges 42 & 39A; Add an Operational Lane EB between Interchanges 40 & 41 CCD 2018	3/3	4/4
CENTRAL NAUGATUCK VALLEY			
0151-0273 I-84 WATERBURY WIDENING	Interstate 84 CCD 11/2020, TIP	2/2	3/3
0151-XXXX DOWNTOWN AREA WATERBURY ADDED ROADWAY	TIGER Grant includes various roadway changes including reconstruction/extension of Jackson Street. Extension will meet at Freight Street and continue to West Main CCD 2019, Long Range Plan	N/A	1/1

GREATER BRIDGEPORT

0015-HXXX ROUTE 130 BRIDGEPORT WIDENING	Reconstruct and widen Route 130 from Stratford Avenue bridge to Yellow Mill bridge Long Range Plan	1/1	2/2
0124-0165 ROUTE 67 SEYMOUR MAJOR WIDENING	**As of 2/15/2011current scope from consultant is spot improvements for from Swan Avenue to Franklin Street Project Manager**Bank Street from West Street to North Main St is full scope being reviewed by consultant Long Range Plan	1/1	2/2
0124-XXXX ROUTE 8 SEYMOUR INTERCHANGE	Between Interchange 22 and 23 to improve access Long Range Plan	N/A	
0124-XXXX ROUTE 8 SEYMOUR INTERCHANGE	Realign interchange with new extension of Derby Road Long Range Plan	N/A	
0126-XXXX ROUTE 8 SHELTON MAJOR WIDENING	Interchaneg 11- Construct new SB entrance ramp, Widen Bridgeport Avenue Long Range Plan	N/A	
0126-XXXX ROUTE 714 SHELTON MAJOR WIDENING	Between Huntington Avenue and Constitution Boulevard Long Range Plan	1/1	2/2
0138-0248 I-95, EXIT 33 STRATFORD INTERCHANGE RECONSTRUCTION	Recontsruct Interchange 33 on I-95 to provide full interchange from partial to full diamond interchange CCD 2020, Long Range Plan	N/A	

HOUSATONIC VALLEY			
0008-XXXX WHITE STREET DANBURY WIDENING	Operational Improvements on White Street at Locust Avenue and Eighth Avenue CCD 2020, Long Range Plan	1/1	1/2
0096-0204 ROUTE 34 NEWTOWN WIDENING	Addition of a through lane on Route 34 EB from Wasserman Way to Toddy Hill Road. Addition of I-84 WB and EB on-ramp from Route 34 WB CCD 2020, TIP	1/1	2/1
SOUTH CENTRAL			
0092-XXXX ROUTE 69 NEW HAVEN INTERSECTION IMPROVEMENTS	Intersection Imrpovements at Route 69 and Pond Lily Avenue Long Range Plan	N/A	

2025 NETWORK CHANGES

NEW MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	 TO
CAPITAL REGION			
0042-0317 ROUTE 2 EAST HARTFORD WIDENING	Removal of Cambridge Street to Route 2 WB On-Ramp and Sutton Avenue to Route 2 EB Off-Ramp. New through lane on Main Street NB at the approach to the Route 2 WB Off-Ramp. CCD 2021, TIP	0/1	0/2
LOWER CT RIVER VALLEY			
0082-0316 ROUTE 17 MIDDLETOWN INTERCHANGE RECONFIGURATION	Reconfiguration and realignment of Route 17 On-Ramp onto Route 9 from Main Street. Removal of the Harbor Drive to Route 9 NB On-Ramp CCD 2021, TIP	N/A	
SOUTH WESTERN			
0102-0358 ROUTES 7 & 15 NORWALK INTERCHANGE RECONFIGURATION	Reconfiguration of the interchanges between Route 7, Route 15, and Main Avenue. These changes include multiple new and reconfigured on and off ramps designed to allow access to and from all three major roadways. CCD 2025, TIP	N/A	

2030 NETWORK CHANGES

NEW MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	TO
CAPITAL REGION			
VARIOUS TOWNS NEW COMMUTER RAIL	New Haven/Hartford/Springfield Rail Service Governor's Transportation Initiative Long Range Plan	N/A	
0109-XXXX PLAINVILLE ADD LANE	New Britain Avenue Cooke Street to Hooker Street Long Range Plan	1/1	2/2
CENTRAL NAUGATUCK VALLEY			
0080-0128 I-84, Routes 63-64 MIDDLEBURY/WATERBURY WIDENING	Add auxiliary lanes at Int. 17 and on Routes 63/64 CCD 2030 Long Range Plan	1/1	2/2
GREATER BRIDGEPORT			
0036-0179 ROUTE 8 ANSONIA INTERCHANGE	Interchange 18 - Construct New NB entrance ramp. Long Range Plan	N/A	
0036-XXXX ROUTE 8 DERBY INTERCHANGE	Route 8 Interchange 16 and 17; Construct new NB ramps. Close old ramps Long Range Plan	N/A	
0126-XXXX ROUTE 8 SHELTON INTERCHANGE	Interchange 14 - Construct new SB entrance ramp Long Range Plan	N/A	

HOUSATONIC VALLEY

0018-0124 US 202 BROOKFIELD WIDENING	South of Old State Road to Route 133 Long Range Plan	1/1	2/2
0034-0288 ROUTE 6 DANBURY ADD LANES	From Kenosia Avenue easterly to I-84 (Exit 4) Long Range Plan	1/1	2/2
0034-XXXX ROUTE 6 DANBURY ADD LANES	From I-84 (Exit 2) East to Kenosia Avenue Long Range Plan	1/1	2/2
0034-XXXX ROUTE 37 DANBURY ADD LANES	From Route I-84 (Exit 6) Northerly to Jeanette Street Long Range Plan	1/1	2/2
0034-XXXX I-84 DANBURY, NEWTOWN, SOUTHBURY ADD LANES	Between Interchanges 3 and 4.Between Interchanges 12 and 13 Long Range Plan	3/3	4/4
0034-XXXX DANBURY ADD LANES	Widen Kenosia Avenue from Backus Avenue to Vicinity of Lake Kenosia Long Range Plan	1/1	2/2
0034-XXXX DANBURY ADD LANES	Widen Backus Avenue from Kenosia Avenue to Miry Brook Road Long Range Plan	1/1	2/2
0034-XXXX ROUTE 53 DANBURY ADD LANES	From South Street northerly to Boughton Street; Long Range Plan	1/1	2/2

0034-XXXX ROUTE 37 DANBURY ADD LANES	From Route 53 (Main Street) northerly to I-84 (Exit 6) Long Range Plan	1/1	2/2
0096-XXXX NEWTOWN NEW ROAD ADD LANES	New Road across Old Fairfield Hills Hospital Campus, From Route 6 South to Route 860 Long Range Plan	0/0	1/1
SOUTH CENTRAL			
0014-XXXX ROUTE 1 BRANFORD WIDENING	East Haven Town Line to Alps Road (Echlin Road Private) Long Range Plan	2/2	2/3
0014-XXXX ROUTE 1 BRANFORD WIDENING	Route 146 to Cedar Street Long Range Plan	2/2	2/3
0014-XXXX ROUTE 1 BRANFORD WIDENING	Cedar Street to East Main Long Range Plan	1/1	1/2
0014-XXXX ROUTE 1 BRANFORD WIDENING	East Main to 1-95 Exit 55 Long Range Plan	1/1	1/2
0014-XXXX ROUTE 1 BRANFORD WIDENING	I-95 Exit 55 to Leetes Island Road Long Range Plan	1/1	1/2
0059-XXXX BULLARD RD GUILFORD WIDENING	Bullard Road extension to Route 77 Long Range Plan	0/0	1/1

0059-XXXX ROUTE 1 GUILFORD WIDENING	State Street to Tanner Marsh Road Long Range Plan	1/1	1/2
0061-XXXX ROUTE 10 HAMDEN WIDENING	Washington Avenue to Route 40 Long Range Plan	2/2	2/3
0061-XXXX ROUTE 10 HAMDEN WIDENING	Route 40 to Todd Street Long Range Plan	2/2	2/3
0061-XXXX ROUTE 10 HAMDEN WIDENING	Todd Street to Shepard Avenue Long Range Plan	1/1	2/2
0061-XXXX ROUTE 10 HAMDEN WIDENING	River Street to Cheshire Town Line Long Range Plan	1/1	2/2
0061-XXXX ROUTE 5 HAMDEN, NORTH HAVEN WIDENING	Olds Street (Hamden) to Sackett Point Road Long Range Plan	1/1	2/2
0073-XXXX ORANGE NEW COMMUTER RAIL	New Rail Station near Salemme Lane in Orange CCD 2030, Long Range Plan	N/A	
0079-XXXX ROUTE 5 MERIDEN WIDENING	Wallingford Town Line to Olive Street (Route 71) Long Range Plan	1/1	2/2
0083-XXXX ROUTE 162 MILFORD WIDENING	From West of Old Gate Lane to Gulf Street/Clark Street to Route 1 Long Range Plan	1/1	2/2

0092-0649 NEW HAVEN	Long Wharf access Plan Widen I-95 (in separate project), Eliminate Long Wharf Drive to expand park, add new road from Long Wharf Drive Long Range Plan	VARIES	
0092-XXXX ROUTE 69 NEW HAVEN, WOODBRIDGE WIDENING	From Route 63 to Landin Street Long Range Plan	1/1	2/2
0092-XXXX ROUTE 63 NEW HAVEN, WOODBRIDGE WIDENING	From Dayton Street (NH) to Landin Street (Wdbg) Long Range Plan	1/2	2/3
0098-XXXX ROUTE 80 NORTH BRANFORD WIDENING	From East Haven Town Line to Doral Farms Road and Route 22 to Guilford Town Line Long Range Plan	1/1	1/2
0106-XXXX ROUTE 162 ORANGE WIDENING	From West Haven Town Line to US 1 Long Range Plan	1/1	2/2
0148-XXXX ROUTE 5 WALLINGFORD ROUTE 5	From South Orchard Street. to Ward Street and Christian Road to Meriden Town Line Long Range Plan	1/1	2/2
0148-XXXX ROUTE 150 WALLINGFORD WIDENING	From Route 71 overpass South of Old Colony Road to Route 68 Long Range Plan	1/1	1/2
0156-XXXX ROUTE 122 WEST HAVEN WIDENING	Route 1 to Elm Street Long Range Plan	1/1	2/2

0156-XXXX ROUTE 1 WEST HAVEN WIDENING	Campbell Avenue to Orange Town Line Long Range Plan	1/1	2/2
0156-XXXX ROUTE 162 WEST HAVEN WIDENING	Elm Street to Greta Street Long Range Plan	2/2	2/3
0156-XXXX ROUTE 162 WEST HAVEN WIDENING	Bull Hill Ln to Orange Town Line Long Range Plan	1/1	2/2
VARIOUS TOWNS NEW COMMUTER RAIL	New Haven/Hartford/Springfield Rail Service Governor's Transportation Initiative Long Range Plan	N/A	
SOUTH WESTERN			
0035-XXXX I-95 Darien-Stamford WIDENING	Add Lane from Stamford Exit 8 to Darien Exit 10, Operational Lane Long Range Plan	3/3	4/4
0102-0269 US 7/RT 15 NORWALK UPGRADE EXPRESSWAY	Upgrade to full interchange at Merritt Parkway (Route 15) BID 01-09-08 CCD 2030, Long Range Plan	N/A	
0102-0297 EAST AVE #1 NORWALK WIDENING	East Avenue from the vicinity of the I-95 Ramps southerly to the vicinity of Van Zant Street Long Range Plan	1/1	2/2
0102-0312 ROUTE 7/15 NORWALK UPGRADE EXPRESSWAY	Reconstruction of Interchange 40 Merritt Parkway and Route 7 (Main Avenue). Breakout of 0102-0269 Phase 1 CCD 2030, Long Range Plan	N/A	

0102-XXXX NORWALK-GREENWICH BRT	Express Bus/BRT between Norwalk and Greenwich Long Range Plan	N/A

2040 NETWORK CHANGES

NEW MPO PROJECT NUMBER HIGHWAY NAME TOWN IMPROVEMENT	DESCRIPTION	LANES FROM	TO
GREATER BRIDGEPORT			
0015-XXXX NEW COMMUTER RAIL	New Rail Station near Barnum Street in Bridgeport CCD 2040 Long Range Plan	N/A	

In addition, the travel model incorporates the effect of the Employer Commute Options (ECO) Program in Southwest Connecticut (part of the Connecticut Portion of the NY-NJ-LI Marginal Nonattainment area). In response to federal legislation, Connecticut has restructured the ECO Program to emphasize voluntary participation, combined with positive incentives, to encourage employees to rideshare, use transit, and continue to expand their trip reduction activities. This program has been made available to all employers. It is felt that this process is an effective means of achieving Connecticut's clean air targets. Funding for this effort under the Congestion Mitigation and Air Quality Improvements (CMAQ) Program is included in the TIP for FY 2015-2018. It is estimated that this program, if fully successful, could reduce Vehicle Miles of Travel (VMT) and mobile source VOC emissions by two percent in Southwestern Connecticut.

It should be noted that TIP and LRTP projects which have negligible impact on trip distribution and/or highway capacity have not been incorporated into the network. These include, but are not limited to, geometric improvements of existing interchanges, short sections of climbing lanes, intersection improvements, and transit projects dealing with equipment for existing facilities and vehicles, and transit operating assistance. Essentially, those projects that do not impact the travel demand forecasts are not included in the networks and/or analysis.

The network-based travel model used for this analysis is the model that CTDOT utilizes for transportation planning, programming and design requirements. This travel demand model uses demographic and land use assumptions which are based on 2010 Census population and population projections developed jointly by CTDOT and Connecticut’s 14 RPOs in 2012. Employment data was updated in 2012 based upon State Department of Labor 2010 town estimates.

The model uses a constrained equilibrium approach to allocate trips among links. The model was calibrated using 2013 ground counts and 2013 Highway Performance Monitoring System (HPMS) Vehicle Miles of Travel data.

Peak hour directional traffic volumes were estimated as a percentage of the ADT on a link by link basis. Based on automatic traffic recorder data, 9.0 percent, 8.5 percent, 8.0 percent and 7.5 percent of the Average Daily Traffic (ADT) occurs during the four highest hours of the day. A 55:45 directional split was assumed. Hourly volumes were then converted to Service Flow Levels (SFL) and Volume to Capacity (V/C) ratios calculated as follows:

- SFL = DHV/PHF*N
- VC = SFL / C

where:

- DHV = Directional Hourly Volume
- PHF = Peak Hour Factor = .9
- N = Number of lanes
- C = Capacity of lane

Peak period speeds were estimated from the 2000 Highway Capacity Manual based on the design speed, facility class, area type and the calculated V/C ratio. On the expressway system, Connecticut-based free flow speed data was available. This data was deemed more appropriate and superseded the capacity manual speed values. The expressway free flow speeds were updated in 2005.

For the off-peak hours, traffic volume is not the controlling factor for vehicle speed. Off-peak link speeds were based on the Highway Capacity Manual free flow speeds as a function of facility class and area type. As before, Connecticut-based speed data was substituted for expressway facilities and was updated in 2005.

Two special cases exist in the modeling process: centroid connectors and intrazonal trips.

- Centroid connectors represent the local roads used to gain access to the model network from centers of activity in each traffic analysis zone (TAZ). A speed of 25

mph is assumed for these links.

- Intrazonal trips are trips that are too short to get on to the model network. VMT for intrazonal trips is calculated based on the size of each individual TAZ. A speed of 20 to 24 mph is assumed for the peak period and 25 to 29 mph for the off–peak period.

The Daily Vehicle Miles of Travel (DVMT) is calculated using a methodology based on disaggregate speed, converted to summer and winter VMTs, and summarized by Nonattainment area, functional class, and speed. The VMT and speed profiles developed by this process are then combined with the emission factors from the MOVES2014a model to produce emission estimates for each scenario and time frame. The MOVES2014a input and output data may be found in the Appendices.

Table 3 on the following page shows the 2015 through 2040 Action Emissions and Eight-Hour Budgets for Volatile Organic Compounds (VOC), and Nitrogen Oxides (NOx) resulting from this process.

TABLE 3
VMT - OZONE EMISSIONS - SIP BUDGETS
Series 30G

Year		Ozone Area		Series 30G		Budgets		Difference	
				VOC	NOX	VOC	NOX	VOC	NOX
2015		CT Portion of NY-NJ-LI Area		23.15	42.08	27.40	54.60	-4.25	-12.52
		Greater CT Portion		21.41	36.79	26.30	49.20	-4.89	-12.41
2025		CT Portion of NY-NJ-LI Area		15.48	22.66	27.40	54.60	-11.92	-31.94
		Greater CT Portion		14.54	19.82	26.30	49.20	-11.76	-29.38
2035		CT Portion of NY-NJ-LI Area		13.32	20.12	27.40	54.60	-14.08	-34.48
		Greater CT Portion		12.70	18.00	26.30	49.20	-13.60	-31.20
2040		CT Portion of NY-NJ-LI Area		13.72	20.72	27.40	54.60	-13.68	-33.88
		Greater CT Portion		13.05	18.44	26.30	49.20	-13.25	-30.76

Note: 1 A small reduction in the Greater Connecticut area will occur from the ECO program in the Connecticut portion of the NY-NJ-LI due to travel between the areas.
2 VOC & NOX emissions are in tons per day and are calculated using Connecticut'svehicle mix.
3 HPMS 14 Functional Class system used.
4 National Low Emission Vehicle (NLEV) program included in 2008 and all future years.
5 Eight Hour Ozone emission budgets effective June 27, 2008
6 Series 30G with 20 iteration equilibrium assignment.
7 Year 2015 emissions are based on Series 30G.

In all cases, the transportation program and plan meet the required conformity test:

- Action year emissions are less than approved 2009 budgets for VOX/NOx

This analysis in no way reflects the full benefit on air quality from the transportation plan and program. The network-based modeling process is capable of assessing the impact of major new highway or transit service. It does not reflect the impact from the many projects which are categorically excluded from the requirement of conformity. These projects include numerous improvements to intersections, which will allow traffic to flow more efficiently, thus reducing delay, fuel usage and emissions. The program also includes a significant number of miles of resurfacing. Studies have shown that smooth pavement reduces fuel consumption and the attendant CO and VOC emissions. Included in the TIP but not reflected in this analysis are many projects to maintain existing rail and bus systems. Without these projects, those systems could not offer a high level of service. With them, the mass transit systems function more efficiently, with improved safety, and provide a more dependable and aesthetically appealing service. These advantages will retain existing patrons and attract additional riders to the system. The technology to quantify the air quality benefits from these programs is not currently available.

As shown in this analysis, transportation emissions are declining dramatically and will continue to do so. This is primarily due to programs such as reformulated fuels, enhanced inspection and maintenance (I/M) programs, stage two vapor recovery (area source), and the low emissions vehicles (LEV) program. Changes in the transportation system will not produce significant emission reductions because of the massive existing rail, bus, highway systems, and land development already in place. Change in these aspects is usually marginal, producing very small impacts.

PM_{10}

EPA previously designated the City of New Haven as Nonattainment with respect to the National Ambient Air Quality Standards (NAAQS) for particulate matter with a nominal diameter of ten microns or less (PM_{10}). The PM_{10} Nonattainment status in New Haven was a local problem stemming from activities of several businesses located in the Stiles Street section of the City. Numerous violations in the late 1980's and early 1990's of Section 22a-174-18 (Fugitive Dust) of CTDEEP regulations in that section of the city led to a nonattainment designation (CTDEEP, 1994: Narrative Connecticut Department of Energy and Environmental Protection, State Implementation Plan Revision For PM_{10}, March 1994). Corrective actions were subsequently identified in the State Implementation Plan and implemented, with no violations of the PM_{10} NAAQS since the mid-1990's.

All construction activities undertaken in the City of New Haven are required to be performed in compliance with Section 22a-174-18 (Control of Particulate "Emissions") of the CTDEEP regulations. All reasonable available control measures must be implemented during construction to mitigate particulate matter emissions, including wind-blown fugitive dust, mud and dirt carry out, and re-entrained fugitive emission from mobile equipment. The projects contained in the STIP and Plans, designated within the City of New Haven, are expected to have little effect on the overall projected vehicle miles of travel for the area and are not expected to cause significant additional airborne particulate matter to be generated. The transportation projects initiated in New Haven are not designed to enhance development in the area. Therefore, the projects undertaken in this area will not have a detrimental effect on PM_{10} in New Haven.

On October 13, 2005, EPA published in the Federal Register (Vol. 70, No. 197), approval of a request by CTDEEP for a Limited Maintenance Plan and redesignation of the New Haven Nonattainment Area to Attainment for the National Ambient Air Quality Standards for PM_{10}. This direct final rule became effective on December 12, 2005.

As with limited maintenance plans for other pollutants, emissions budgets are

considered to satisfy transportation conformity's "budget test". However, future "project level" conformity determination may require "hot spot" PM_{10} analyses for new transportation projects with significant diesel traffic in accordance with EPA's Final Rule for "$PM_{2.5}$ and PM_{10} Hot-Spot Analyses in Project-level Transportation Conformity Rule $PM_{2.5}$ and PM_{10} Amendments; Final Rule (75 FR 4260, March 24, 2010) which became effective on April 23, 2010.

PM 2.5

In December of 2004, EPA signed the final rulemaking notice to designate attainment and Nonattainment areas with respect to the Fine Particles ($PM_{2.5}$) National Ambient Air Quality Standards, becoming effective April 5, 2005. In Connecticut, Fairfield and New Haven counties are included in the New York-Northern New Jersey-Long Island, NY-NJ-CT $PM_{2.5}$ Nonattainment area. Transportation plans and transportation improvement programs (TIPS) for the tri-state nonattainment area were found to be collectively conforming as of November 2006. On June 20, 2007, $PM_{2.5}$ budgets were found to be adequate for the early progress SIP. As EPA New England has determined the MOVES2010b 2017 and 2025 motor vehicle emissions budgets submitted on June 22, 2012 to be adequate for transportation conformity purposes, the emissions analysis in this report will be limited to these areas only and the budgets effective as of February 20, 2013. On September 24, 2013, EPA published its approval of the $PM_{2.5}$ redesignation request, establishing October 24, 2013 as the effective date of redesignation to attainment/maintenance for Connecticut's portion of the NY-NJ-T area for both the 1997 annual and 24-hours $PM_{2.5}$ NAAQS. The $PM_{2.5}$ Conformity Submittal is a separate document which currently includes data specific to Connecticut's five MPO's contained in that attainment/maintenance area.

OTHER PLANNING DOCUMENTS

The enaction of Section 81 of Connecticut Public Act 13-277 repealed Section 13b-15 of the Connecticut General Statutes, no longer mandating a biennial Master Transportation Plan effective July 1, 2013. The Department's Capital Plan has been expanded to include much of the project information that was formerly included in the MTP. In addition, the

Existing Systems document and the Statewide Long Range Transportation Plan contain other information that was includedin various MTPs.

TRANSPORTATION PLANNING WORK PROGRAM

CTDOT's FY 2017-2018 Transportation Planning Work Program contains a description of all planning efforts (including those related to air quality) to be sponsored or undertaken with federal assistance during FY 2017 and 2018. Included with this program are several tasks directly related to CTDOT's responsibilities under Connecticut's SIP for Air Quality. Additional functions, such as those supporting the preparation of project level conformity analysis, are funded under project related tasks. This work program is available at CTDOT for review.

CONCLUSIONS

CTDOT has assessed its compliance with the applicable conformity criteria requirements of the 1990 CAAA. Based upon this analysis, it is concluded that all elements of CTDOT's transportation program and the Regional Long-Range Transportation Plans conform to applicable SIP and 1990 CAAA Conformity Guidance criteria and the approved interim transportation conformity budgets.

In addition to the information required for a conformity determination**,** the following is attached:

- Appendix B: The **MOVES2014a** tabulations for each analysis year
- Appendix C: The **MOVES2014a** input data for each analysis year (Ozone)

Please direct any questions you may have on the air quality emission analysis to:

Connecticut Department of Transportation
Bureau of Policy and Planning
Division of Coordination, Modeling and Crash Data – Unit 57531
2800 Berlin Turnpike
Newington, CT. 06111
(860) 594-2032
Email: *Judy.Raymond@ct.gov*

APPENDIX A

INTERAGENCY CONSULTATION MEETING
Statewide Transportation Improvement Program Amendments
Connecticut Department of Transportation
Room 2324 –April 19, 2016 Go To Meeting

Attendees:

Eloise Powell – FHWA
Ken Shooshan-Stoller, FHWA
Paul Farrell - CTDEEP
Paul Bodner – CTDEEP
Lou Corsino - CTDEEP
Jennifer Carrier - CRCOG
Pramad Pandey – CRCOG
Cara Radzins – CRCOG
Jillian Massey - CRCOG
Mark Nielson – CNVMPO
Christian Meyer – CNVMPO
Meghan Sloan – CT Metro COG
Pat Carleton – CT Metro COG
Robert Haramut – LCRVCOG
Stephen Dudley –SCRCOG
James Rode – SCRCOG
Richard Guggenheim – SECCOG
Joanna Wozniak – NWHill COG
Hoween Flexer – NWHill COG
Susan Prosi – Western COG
Jon Chew – Western COG
Maribeth Wojenski – CTDOT
Judy Raymond - CTDOT
Rose Etuka – CTDOT
Roxane Fromson - CTDOT
Grayson Wright – CTDOT
Edgar Wynkoop - CTDOT
Sara Radacsi – CTDOT
Matthew Cegielski- CTDOT
Tiffany Garcia – CTDOT
Joe Ouellette – CTDOT
Ryan Dolan – CTDOT

The Interagency Consultation Meeting was held to review projects submitted to the STIP Unit for inclusion in the updated, amended STIP.

Both the Ozone and PM 2.5 reports will be electronically distributed to the MPOs in the appropriate Nonattainment/Maintenance areas, FTA, FHWA, DEEP and EPA. The MPOs

will need to hold a 30 day public comment and review period. At the end of this review period, the MPO will hold a Policy Board meeting to endorse the Air Quality Conformity determination.

There was also a brief discussion on the travel model and emissions software planning assumptions employed in the conformity analysis.

The schedule for the 2015-2018 Regional Transportation Improvement Plans Amendments Conformity Determination Analysis is as follow:

- MPOs transmit signed and dated Concurrence Form to judy.raymond@ct.gov by April 19, 2016.
- CTDOT Travel Demand Model Unit performs the air quality analysis and sends the Air Quality Conformity Determination Reports electronically to all MPOs in A g u s t 2016.
- MPOs advertise and hold a 30-day public review and comment period for the Air Quality Conformity.
- MPOs hold a Policy Board meeting approving and endorsing the Air Quality Conformity.
- MPOs transmit resolutions endorsing the Air Quality Conformity to judy.raymond@ct.gov by end of October 2016.

It is important that all MPOs follow this schedule to ensure that the LRTP and TIP/STIP Amendment Conformity Determinations can go forward on schedule.

PLANNING ASSUMPTIONS

Ozone and PM2.5

2015 Regional Long Range Transportation Plan Conformity Analysis

A p r i l 19, 2016

Planning Assumptions for Review	Frequency of Review*	Responsible Agency	Year of Data
Socioeconomic Data	At least every 5 years	CTDOT	2010 Census Data available 2012
DMV Vehicle Registration Data	At least every 5 years	CTDEEP	2011 Data available 2012
State Vehicle Inspection and Maintenance Program	Each conformity round	CTDEEP	2005 Plus
State Low Emission Vehicle Program	Each conformity round following approval into the SIP	CTDEEP	Same as SIP
VMT Mix Data	At least every 5 years	CTDEEP	2010
Analysis Years – PM 2.5	Each conformity round	CTDOT/CTDEEP	2017, 2025, 2035, 2040
Analysis Years – Ozone	Each conformity round	CTDOT/CTDEEP	2017, 2025, 2035, 2040
Emission Budget – PM2.5	As SIP revised/updated	CTDEEP	2017 / 2025 PM 2.5
Emission Budget – Ozone	As SIP revised/updated	CTDEEP	2009
Temperatures and Humidity	As SIP revised/updated	CTDEEP	X
Control Strategies	Each conformity round	CTDEEP	X
HPMS VMT	Each conformity round	CTDOT	2013
EPA Software	Each conformity round	CTDOT	MOVES2014a

***** Review of Planning Assumptions does not necessarily prelude an update or calibration of the travel demand model.

Appendix B

MOVES2014a tabulations

2017 MOVES2014a County Summary:

Pollutants		2017 Emission Quantities (Tons/Day)										
		NY/NJ/CT Non-Attainment Area				Greater CT Non-Attainment Area						Statewide
ID	Name	Fairfield	Middlesex	New Haven	***Subtotal***	Hartford	Litchfield	New London	Tolland	Windham	***Subtotal***	
1	Hydrocarbons	8.0244	1.7403	7.5397	**17.3044**	8.2636	1.9294	2.8036	1.5749	1.1707	**15.7420**	**33.0465**
3	Nox	11.0054	2.6815	11.1141	**24.8010**	11.7062	2.0233	4.2962	2.3874	1.5816	**21.9947**	**46.7956**
79	NM Hydrocarbons	7.6573	1.6511	7.1680	**16.4765**	7.8769	1.8698	2.6626	1.4907	1.1175	**15.0175**	**31.4940**
87	VOC	8.1366	1.7551	7.6239	**17.5157**	8.3870	1.9875	2.8346	1.5897	1.1905	**15.9892**	**33.5049**

2025 MOVES2014a County Summary:

Pollutants		2025 Emission Quantities (Tons/Day)										
		NY/NJ/CT Non-Attainment Area				Greater CT Non-Attainment Area						Statewide
ID	Name	Fairfield	Middlesex	New Haven	***Subtotal***	Hartford	Litchfield	New London	Tolland	Windham	***Subtotal***	
1	Hydrocarbons	5.6711	1.2587	5.4201	**12.3499**	6.0043	1.3971	1.9931	1.1458	0.8431	**11.3834**	**23.7333**
3	Nox	5.7985	1.4516	5.9869	**13.2370**	6.3876	1.0402	2.2868	1.3119	0.8444	**11.8708**	**25.1078**
79	NM Hydrocarbons	5.3148	1.1686	5.0445	**11.5279**	5.6115	1.3461	1.8519	1.0583	0.7907	**10.6585**	**22.1863**
87	VOC	5.6697	1.2474	5.3887	**12.3059**	5.9991	1.4344	1.9796	1.1337	0.8456	**11.3925**	**23.6984**

2035 MOVES2014a County Summary:

Pollutants		2035 Emission Quantities (Tons/Day)										
		NY/NJ/CT Non-Attainment Area				Greater CT Non-Attainment Area						Statewide
ID	Name	Fairfield	Middlesex	New Haven	***Subtotal***	Hartford	Litchfield	New London	Tolland	Windham	***Subtotal***	
1	Hydrocarbons	3.3031	0.7511	3.3384	**7.3926**	3.5361	0.8431	1.1997	0.7077	0.5125	**6.7990**	**14.1916**
3	Nox	3.3255	0.8551	3.6517	**7.8322**	3.7176	0.5383	1.3636	0.8205	0.5007	**6.9406**	**14.7728**
79	NM Hydrocarbons	3.0079	0.6748	3.0071	**6.6898**	3.2058	0.8061	1.0782	0.6300	0.4681	**6.1882**	**12.8780**
87	VOC	3.2499	0.7304	3.2554	**7.2357**	3.4704	0.8669	1.1680	0.6844	0.5069	**6.6967**	**13.9324**

2040 MOVES2014a County Summary:

Pollutants		2040 Emission Quantities (Tons/Day)										
		NY/NJ/CT Non-Attainment Area				Greater CT Non-Attainment Area						Statewide
ID	Name	Fairfield	Middlesex	New Haven	***Subtotal***	Hartford	Litchfield	New London	Tolland	Windham	***Subtotal***	
1	Hydrocarbons	3.0164	0.6921	3.0725	**6.7810**	3.2556	0.7386	1.1065	0.6605	0.4776	**6.2386**	**13.0197**
3	Nox	3.0953	0.8026	3.4347	**7.3326**	3.4884	0.4673	1.2823	0.7818	0.4727	**6.4924**	**13.8250**
79	NM Hydrocarbons	2.7278	0.6170	2.7458	**6.0905**	2.9303	0.7047	0.9867	0.5832	0.4336	**5.6384**	**11.7289**
87	VOC	2.9781	0.6749	3.0040	**6.6570**	3.2058	0.7655	1.0802	0.6402	0.4745	**6.1662**	**12.8232**

APPENDIX C

MOVES 2014a Input Ozone Emission Runs

2017 Fairfield


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August 2016]]></description>
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        <onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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```

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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetypename="School Bus"/>
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Truck"/>
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Truck"/>
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processname="Evap Permeation"/>
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processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15"
processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1"
processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="2"
processname="Start Exhaust"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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```
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processname="Start Exhaust"/>
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processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="15"
processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="1"
processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2"
processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="91"
processname="Auxiliary Power Exhaust"/>
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        <databaseselection servername="" databasename="MOVES2014_mylevs" description=""/>
    </databaseselections>
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ATA[
useParameters   No

]]></internalcontrolstrategy>
    </internalcontrolstrategies>
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    <uncertaintyparameters uncertaintymodeenabled="false" numberofrunspersimulation="0" numberofsimulations="0"/>
    <geographicoutputdetail description="COUNTY"/>
    <outputemissionsbreakdownselection>
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        <fueltype selected="true"/>
        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
```

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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
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        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
    <outputdatabase servername="" databasename="out_ct_2017_2016conformity_summer_20160824" description=""/>
    <outputtimestep value="Hour"/>
    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
    <scaleinputdatabase servername="localhost" databasename="in_2017_9001_2016conformity_summer_20160823"
description=""/>
    <pmsize value="0"/>
    <outputfactors>
        <timefactors selected="true" units="Hours"/>
        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>

    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
</runspec>
```

2017 Hartford


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
	<geographicselections>
		<geographicselection type="COUNTY" key="9003" description="CONNECTICUT - Hartford County"/>
	</geographicselections>
	<timespan>
		<year key="2017"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
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		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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```
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haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial
Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="11" sourcetypename="Motorcycle"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="52" sourcetypename="Single Unit Short-haul
Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    <offroadvehicleselections>
    </offroadvehicleselections>
    <offroadvehiclesccs>
    </offroadvehiclesccs>
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        <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
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processname="Running Exhaust"/>
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processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="2" processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91" processname="Auxiliary Power Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="1" processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="91" processname="Auxiliary Power Exhaust"/>

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    </pollutantprocessassociations>
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        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
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    <outputtimestep value="Hour"/>
    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
    <pmsize value="0"/>
    <outputfactors>
        <timefactors selected="true" units="Hours"/>
        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>
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    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
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2017 Litchfield


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<runspec version="MOVES2014a-20151201">
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
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	</models>
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	<modeldomain value="SINGLE"/>
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	</geographicselections>
	<timespan>
		<year key="2017"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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useParameters   No

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    <fuelsubtype selected="false"/>
    <emissionprocess selected="true"/>
    <onroadoffroad selected="true"/>
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    <sourceusetype selected="true"/>
    <movesvehicletype selected="false"/>
    <onroadscc selected="false"/>
    <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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    <engtechid selected="false"/>
    <hpclass selected="false"/>
    <regclassid selected="false"/>
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<outputsho value="true"/>
<outputsh value="true"/>
<outputshp value="true"/>
<outputshidling value="true"/>
<outputstarts value="true"/>
<outputpopulation value="true"/>
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description=""/>
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<outputfactors>
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    <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
</outputfactors>
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</savedata>
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    </donotexecute>

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2017 Middlesex

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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
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Truck"/>
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<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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2017 New Haven


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VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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		<aggregateBy key="Hour"/>
	</timespan>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetypename="School Bus"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
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    <offroadvehicleselections>
    </offroadvehicleselections>
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    </offroadvehiclesccs>
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        <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access" modelCombination="M1"/>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11" processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15" processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90" processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1" processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="90" processname="Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91" processname="Auxiliary Power Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="1" processname="Running Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="1" processname="Running Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="13" processname="Evap Fuel Leaks"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
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<databaseselections>

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        <databaseselection servername="" databasename="MOVES2014_mylevs" description=""/>
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classname="gov.epa.otaq.moves.master.implementation.ghg.internalcontrolstrategies.rateofprogress.RateOfProgressStrategy"><![CDA
TA[
useParameters   No

]]></internalcontrolstrategy>
    </internalcontrolstrategies>
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    <geographicoutputdetail description="COUNTY"/>
    <outputemissionsbreakdownselection>
        <modelyear selected="false"/>
        <fueltype selected="true"/>
        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
    <outputdatabase servername="" databasename="out_ct_2017_2016conformity_summer_20160824" description=""/>
    <outputtimestep value="Hour"/>
    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
    <scaleinputdatabase servername="localhost" databasename="in_2017_9009_2016conformity_summer_20160824"
description=""/>
    <pmsize value="0"/>
    <outputfactors>
        <timefactors selected="true" units="Hours"/>
        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>
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    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
</runspec>
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2017 New London


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<runspec version="MOVES2014a-20151201">
	<description><![CDATA[New London County (09011) for 2017.
County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
	<geographicselections>
		<geographicselection type="COUNTY" key="9011" description="CONNECTICUT - New London County"/>
	</geographicselections>
	<timespan>
		<year key="2017"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="11" sourcetypename="Motorcycle"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetypename="School Bus"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
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    <offroadvehicleselections>
    </offroadvehicleselections>
    <offroadvehiclesccs>
    </offroadvehiclesccs>
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        <roadtype roadtypeid="1" roadtypename="Off-Network" modelCombination="M1"/>
        <roadtype roadtypeid="2" roadtypename="Rural Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="5" roadtypename="Urban Unrestricted Access" modelCombination="M1"/>
    </roadtypes>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="1" processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="2" processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11" processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15" processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90" processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1" processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="2" processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="15" processname="Crankcase Running Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="90" processname="Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91" processname="Auxiliary Power Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="12" processname="Evap Fuel Vapor Venting"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="91" processname="Auxiliary Power Exhaust"/>
</pollutantprocessassociations>
<databaseselections>

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TA[
useParameters   No

]]></internalcontrolstrategy>
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        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
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    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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    </savedata>

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    </donotexecute>

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2017 Tolland


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	<description><![CDATA[Tolland County (09013) for 2017.
County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in 2016 Conformity.
August 2016]]></description>
	<models>
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	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
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	</geographicselections>
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		<year key="2017"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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Truck"/>
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<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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</offroadvehicleselections>
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<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="11" processname="Evap Permeation"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
</internalcontrolstrategies>
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<geographicoutputdetail description="COUNTY"/>
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    <fueltype selected="true"/>
    <fuelsubtype selected="false"/>
    <emissionprocess selected="true"/>
    <onroadoffroad selected="true"/>
    <roadtype selected="true"/>
    <sourceusetype selected="true"/>
    <movesvehicletype selected="false"/>
    <onroadscc selected="false"/>
    <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
    <sector selected="false"/>
    <engtechid selected="false"/>
    <hpclass selected="false"/>
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</outputemissionsbreakdownselection>
<outputdatabase servername="" databasename="out_ct_2017_2016conformity_summer_20160824" description=""/>
<outputtimestep value="Hour"/>
<outputvmtdata value="true"/>
<outputsho value="true"/>
<outputsh value="true"/>
<outputshp value="true"/>
<outputshidling value="true"/>
<outputstarts value="true"/>
<outputpopulation value="true"/>
<scaleinputdatabase servername="localhost" databasename="in_2017_9013_2016conformity_summer_20160824"
description=""/>
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<outputfactors>
    <timefactors selected="true" units="Hours"/>
    <distancefactors selected="true" units="Miles"/>
    <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
</outputfactors>
<savedata>

</savedata>
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    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
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</runspec>
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2017 Windham


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<runspec version="MOVES2014a-20151201">
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
	<geographicselections>
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	</geographicselections>
	<timespan>
		<year key="2017"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
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		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial
Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetypename="Passenger Car"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetypename="School Bus"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="52" sourcetypename="Single Unit Short-haul
Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    <offroadvehicleselections>
    </offroadvehicleselections>
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        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
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processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1"
processname="Running Exhaust"/>
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processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
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useParameters   No

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        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
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    <outputsho value="true"/>
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    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
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description=""/>
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    </savedata>

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    </donotexecute>

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2025 Fairfield


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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        <month id="7"/>
        <day id="5"/>
        <beginhour id="1"/>
        <endhour id="24"/>
        <aggregateBy key="Hour"/>
    </timespan>
    <onroadvehicleselections>
        <onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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Truck"/>
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processname="Start Exhaust"/>
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processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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processname="Start Exhaust"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Start Exhaust"/>
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processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="17"
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        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2"
processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="91"
processname="Auxiliary Power Exhaust"/>
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        <databaseselection servername="" databasename="MOVES2014_mylevs" description=""/>
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TA[
useParameters   No

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    </internalcontrolstrategies>
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    <geographicoutputdetail description="COUNTY"/>
    <outputemissionsbreakdownselection>
        <modelyear selected="false"/>
        <fueltype selected="true"/>
        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
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        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
    <outputdatabase servername="" databasename="out_ct_2025_2016conformity_summer_20160824" description=""/>
    <outputtimestep value="Hour"/>
    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
    <scaleinputdatabase servername="localhost" databasename="in_2025_9001_2016conformity_summer_20160824"
description=""/>
    <pmsize value="0"/>
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        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>

    </donotexecute>

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        <donotperformfinalaggregation selected="false"/>
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</runspec>
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2025 Hartford


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    <description><![CDATA[Hartford County (09003) for 2025.
County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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    </models>
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    <modeldomain value="SINGLE"/>
    <geographicselections>
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    </geographicselections>
    <timespan>
        <year key="2025"/>
        <month id="7"/>
        <day id="5"/>
        <beginhour id="1"/>
        <endhour id="24"/>
        <aggregateBy key="Hour"/>
    </timespan>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
        <onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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```
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="11" sourcetypename="Motorcycle"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="43" sourcetypename="School Bus"/>
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Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    <offroadvehicleselections>
    </offroadvehicleselections>
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        <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="5" roadtypename="Urban Unrestricted Access" modelCombination="M1"/>
    </roadtypes>
    <pollutantprocessassociations>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="2"
processname="Start Exhaust"/>
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processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1"
processname="Running Exhaust"/>
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processname="Start Exhaust"/>
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processname="Crankcase Running Exhaust"/>
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processname="Crankcase Start Exhaust"/>
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processname="Extended Idle Exhaust"/>
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processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="12" processname="Evap Fuel Vapor Venting"/>
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useParameters No

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<fuelsubtype selected="false"/>
<emissionprocess selected="true"/>
<onroadoffroad selected="true"/>
<roadtype selected="true"/>

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        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
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        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
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    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
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    </savedata>

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    </donotexecute>

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2025 Litchfield


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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Truck"/>
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Truck"/>
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processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
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processname="Start Exhaust"/>
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        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17"
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91"
processname="Auxiliary Power Exhaust"/>
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<fuelsubtype selected="false"/>
<emissionprocess selected="true"/>
<onroadoffroad selected="true"/>
<roadtype selected="true"/>

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        <onroadscc selected="false"/>
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        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
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    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
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        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>

    </donotexecute>

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        <donotperformfinalaggregation selected="false"/>
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2025 Middlesex

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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
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<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="11" sourcetypename="Motorcycle"/>
<onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetypename="Passenger Car"/>
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processname="Start Exhaust"/>
    <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
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    <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
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    <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
    <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15"
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processname="Crankcase Start Exhaust"/>
    <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
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processname="Start Exhaust"/>
    <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="15"
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    <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16"
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    <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17"
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processname="Evap Fuel Leaks"/>
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    <pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
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processname="Start Exhaust"/>
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processname="Evap Permeation"/>
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processname="Crankcase Start Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="91"
processname="Auxiliary Power Exhaust"/>
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useParameters   No

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        <onroadoffroad selected="true"/>
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        <sourceusetype selected="true"/>
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2025 New Haven


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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    </models>
    <modelscale value="Inv"/>
    <modeldomain value="SINGLE"/>
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        <month id="7"/>
        <day id="5"/>
        <beginhour id="1"/>
        <endhour id="24"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
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Truck"/>
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Truck"/>
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processname="Evap Permeation"/>
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processname="Evap Fuel Vapor Venting"/>
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processname="Evap Fuel Leaks"/>
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processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Start Exhaust"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
    </internalcontrolstrategies>
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    <geographicoutputdetail description="COUNTY"/>
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        <modelyear selected="false"/>
        <fueltype selected="true"/>
        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
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    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
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        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>
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    </donotexecute>

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        <donotperformfinalaggregation selected="false"/>
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2025 New London


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</models>
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	<modeldomain value="SINGLE"/>
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	</geographicselections>
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		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
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	</timespan>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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Truck"/>
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Truck"/>
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        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="5" roadtypename="Urban Unrestricted Access" modelCombination="M1"/>
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processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="2"
processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
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processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
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        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
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    <outputsh value="true"/>
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    <outputshidling value="true"/>
    <outputstarts value="true"/>
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    </savedata>

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    </donotexecute>

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2025 Tolland

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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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2025 Windham


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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VOCs and NOx. For use in 2016 Conformity.
August 2016]]></description>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
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useParameters   No

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    <emissionprocess selected="true"/>
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    <sourceusetype selected="true"/>
    <movesvehicletype selected="false"/>
    <onroadscc selected="false"/>
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    <engtechid selected="false"/>
    <hpclass selected="false"/>
    <regclassid selected="false"/>
</outputemissionsbreakdownselection>
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description=""/>
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    <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
</outputfactors>
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</savedata>
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    </donotexecute>

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2035 Hartford


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</models>
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		<endhour id="24"/>
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	</timespan>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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haul Truck"/>
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Truck"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    <offroadvehicleselections>
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processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
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    <outputshidling value="true"/>
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description=""/>
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    </donotexecute>

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2035 Litchfield


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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processname="Evap Fuel Leaks"/>
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TA[
useParameters   No

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2035 Middlesex

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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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</runspec>
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2035 New Haven


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	<modeldomain value="SINGLE"/>
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	</geographicselections>
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		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
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Truck"/>
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processname="Start Exhaust"/>
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processname="Evap Fuel Vapor Venting"/>
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processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
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processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
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        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
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    </savedata>
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    </donotexecute>

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2035 New London


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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        <endhour id="24"/>
        <aggregateBy key="Hour"/>
    </timespan>
    <onroadvehicleselections>
        <onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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        <onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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    </donotexecute>

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2035 Tolland


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
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	<timespan>
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		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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haul Truck"/>
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Truck"/>
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Truck"/>
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        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="5" roadtypename="Urban Unrestricted Access" modelCombination="M1"/>
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processname="Start Exhaust"/>
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processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
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processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
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useParameters   No

]]></internalcontrolstrategy>
    </internalcontrolstrategies>
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        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
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    </outputfactors>
    <savedata>

    </savedata>
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    <donotexecute>

    </donotexecute>

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</runspec>
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2035 Windham


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
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	</geographicselections>
	<timespan>
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		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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```
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haul Truck"/>
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Truck"/>
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Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    </offroadvehicleselections>
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processname="Start Exhaust"/>
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processname="Evap Permeation"/>
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processname="Evap Fuel Vapor Venting"/>
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processname="Evap Fuel Leaks"/>
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processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
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processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
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TA[
useParameters   No

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    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
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        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>
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    </donotexecute>

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</runspec>
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2040 Fairfield

<runspec version="MOVES2014a-20151201">
<description><![CDATA[Fairfield County (09001) for 2040.
County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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</models>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
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Truck"/>
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<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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processname="Start Exhaust"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
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    <movesvehicletype selected="false"/>
    <onroadscc selected="false"/>
    <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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    <engtechid selected="false"/>
    <hpclass selected="false"/>
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<outputvmtdata value="true"/>
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<outputstarts value="true"/>
<outputpopulation value="true"/>
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description=""/>
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    <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
</outputfactors>
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</savedata>
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    <donotexecute>

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    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
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2040 Hartford

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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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</timespan>
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<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
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Truck"/>
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<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
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processname="Start Exhaust"/>
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2040 Litchfield


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</models>
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		<day id="5"/>
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		<endhour id="24"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
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		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
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    <movesvehicletype selected="false"/>
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</savedata>
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    </donotexecute>

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2040 Middlesex


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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
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		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
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Truck"/>
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Truck"/>
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Truck"/>
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processname="Start Exhaust"/>
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processname="Evap Permeation"/>
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processname="Evap Fuel Vapor Venting"/>
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processname="Evap Fuel Leaks"/>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
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processname="Crankcase Extended Idle Exhaust"/>
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processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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useParameters   No

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        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>
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    <donotexecute>

    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
</runspec>
```

2040 New Haven


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
September 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
	<modelscale value="Inv"/>
	<modeldomain value="SINGLE"/>
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		<geographicselection type="COUNTY" key="9009" description="CONNECTICUT - New Haven County"/>
	</geographicselections>
	<timespan>
		<year key="2040"/>
		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
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haul Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="21" sourcetypename="Passenger Car"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="31" sourcetypename="Passenger Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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Truck"/>
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Truck"/>
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    </offroadvehicleselections>
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        <roadtype roadtypeid="2" roadtypename="Rural Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="3" roadtypename="Rural Unrestricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="4" roadtypename="Urban Restricted Access" modelCombination="M1"/>
        <roadtype roadtypeid="5" roadtypename="Urban Unrestricted Access" modelCombination="M1"/>
    </roadtypes>
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        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="1"
processname="Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="2"
processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15"
processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
        <pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="1"
processname="Running Exhaust"/>
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processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="15" processname="Crankcase Running Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="2" processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="1" processname="Running Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="2" processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="13" processname="Evap Fuel Leaks"/>
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TA[
useParameters   No

]]></internalcontrolstrategy>
    </internalcontrolstrategies>
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        <fueltype selected="true"/>
        <fuelsubtype selected="false"/>
        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
        <roadtype selected="true"/>
        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
        <regclassid selected="false"/>
    </outputemissionsbreakdownselection>
    <outputdatabase servername="" databasename="out_ct_2040_2016conformity_summer_20160825" description=""/>
    <outputtimestep value="Hour"/>
    <outputvmtdata value="true"/>
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    <outputstarts value="true"/>
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description=""/>
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        <timefactors selected="true" units="Hours"/>
        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
    <savedata>

    </savedata>

    <donotexecute>
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```
    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
</runspec>
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2040 New London


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
	<models>
		<model value="ONROAD"/>
	</models>
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	<modeldomain value="SINGLE"/>
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	</geographicselections>
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		<month id="7"/>
		<day id="5"/>
		<beginhour id="1"/>
		<endhour id="24"/>
		<aggregateBy key="Hour"/>
	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
```

```
        <onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger
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haul Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="32" sourcetypename="Light Commercial
Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="54" sourcetypename="Motor Home"/>
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        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="51" sourcetypename="Refuse Truck"/>
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Truck"/>
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Truck"/>
        <onroadvehicleselection fueltypeid="1" fueltypedesc="Gasoline" sourcetypeid="42" sourcetypename="Transit Bus"/>
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    </offroadvehicleselections>
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processname="Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="11"
processname="Evap Permeation"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="12"
processname="Evap Fuel Vapor Venting"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13"
processname="Evap Fuel Leaks"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="15"
processname="Crankcase Running Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="16"
processname="Crankcase Start Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="17"
processname="Crankcase Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="90"
processname="Extended Idle Exhaust"/>
        <pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="91"
processname="Auxiliary Power Exhaust"/>
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processname="Running Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="2" processname="Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="16" processname="Crankcase Start Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="90" processname="Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="3" pollutantname="Oxides of Nitrogen (NOx)" processkey="91" processname="Auxiliary Power Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="1" processname="Running Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="2" processname="Start Exhaust"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="11" processname="Evap Permeation"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="12" processname="Evap Fuel Vapor Venting"/>
<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="16" processname="Crankcase Start Exhaust"/>
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<pollutantprocessassociation pollutantkey="1" pollutantname="Total Gaseous Hydrocarbons" processkey="91" processname="Auxiliary Power Exhaust"/>
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<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="17" processname="Crankcase Extended Idle Exhaust"/>
<pollutantprocessassociation pollutantkey="87" pollutantname="Volatile Organic Compounds" processkey="90" processname="Extended Idle Exhaust"/>
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TA[
useParameters   No

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        <emissionprocess selected="true"/>
        <onroadoffroad selected="true"/>
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        <sourceusetype selected="true"/>
        <movesvehicletype selected="false"/>
        <onroadscc selected="false"/>
        <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
        <sector selected="false"/>
        <engtechid selected="false"/>
        <hpclass selected="false"/>
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    <outputvmtdata value="true"/>
    <outputsho value="true"/>
    <outputsh value="true"/>
    <outputshp value="true"/>
    <outputshidling value="true"/>
    <outputstarts value="true"/>
    <outputpopulation value="true"/>
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description=""/>
    <pmsize value="0"/>
    <outputfactors>
        <timefactors selected="true" units="Hours"/>
        <distancefactors selected="true" units="Miles"/>
        <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
    </outputfactors>
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    </savedata>
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    <donotexecute>

    </donotexecute>

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        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
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2040 Tolland


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</models>
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		<month id="7"/>
		<day id="5"/>
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		<endhour id="24"/>
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		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="31" sourcetypename="Passenger Truck"/>
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		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger
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Truck"/>
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processname="Start Exhaust"/>
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TA[
useParameters   No

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    <fuelsubtype selected="false"/>
    <emissionprocess selected="true"/>
    <onroadoffroad selected="true"/>
    <roadtype selected="true"/>
    <sourceusetype selected="true"/>
    <movesvehicletype selected="false"/>
    <onroadscc selected="false"/>
    <estimateuncertainty selected="false" numberOfIterations="2" keepSampledData="false" keepIterations="false"/>
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    <engtechid selected="false"/>
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description=""/>
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</outputfactors>
<savedata>

</savedata>
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    <donotexecute>

    </donotexecute>

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2040 Windham


```
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County scale, inventory mode, july (summer day run), weekdays, 24 hours, all fuels (except placeholder and LPG)/source use type combinations, all road types.
VOCs and NOx. For use in the 2016 Conformity
August 2016]]></description>
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	</timespan>
	<onroadvehicleselections>
		<onroadvehicleselection fueltypeid="3" fueltypedesc="Compressed Natural Gas (CNG)" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="62" sourcetypename="Combination Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="61" sourcetypename="Combination Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="41" sourcetypename="Intercity Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="54" sourcetypename="Motor Home"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="21" sourcetypename="Passenger Car"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="31" sourcetypename="Passenger Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="51" sourcetypename="Refuse Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="43" sourcetypename="School Bus"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="53" sourcetypename="Single Unit Long-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="52" sourcetypename="Single Unit Short-haul Truck"/>
		<onroadvehicleselection fueltypeid="2" fueltypedesc="Diesel Fuel" sourcetypeid="42" sourcetypename="Transit Bus"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="32" sourcetypename="Light Commercial Truck"/>
		<onroadvehicleselection fueltypeid="9" fueltypedesc="Electricity" sourcetypeid="21" sourcetypename="Passenger Car"/>
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		<onroadvehicleselection fueltypeid="5" fueltypedesc="Ethanol (E-85)" sourcetypeid="31" sourcetypename="Passenger
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Truck"/>
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</offroadvehiclesccs>
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<pollutantprocessassociation pollutantkey="79" pollutantname="Non-Methane Hydrocarbons" processkey="13" processname="Evap Fuel Leaks"/>
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<outputvmtdata value="true"/>
<outputsho value="true"/>
<outputsh value="true"/>
<outputshp value="true"/>
<outputshidling value="true"/>
<outputstarts value="true"/>
<outputpopulation value="true"/>
<scaleinputdatabase servername="localhost" databasename="in_2040_9015_2016conformity_summer_20160826"
description=""/>
<pmsize value="0"/>
<outputfactors>
    <timefactors selected="true" units="Hours"/>
    <distancefactors selected="true" units="Miles"/>
    <massfactors selected="true" units="U.S. Ton" energyunits="Joules"/>
</outputfactors>
<savedata>

</savedata>
```

```
    <donotexecute>

    </donotexecute>

    <generatordatabase shouldsave="false" servername="" databasename="" description=""/>
        <donotperformfinalaggregation selected="false"/>
    <lookuptableflags scenarioid="" truncateoutput="true" truncateactivity="true" truncatebaserates="true"/>
</runspec>
```

Appendix D

ACRONYMS

Acronyms

Acronym	Meaning
CAAA	Clean Air Act Amendments (1990)
CO	Carbon Monoxide
COG	Council of Government
CTDOT	Connecticut Department of Transportation
CTDEEP	Connecticut Department of Environmental Protection
EPA	U.S. Environmental Protection Agency
FSD	Final Scope Development (Now PD)
ISTEA	Intermodal Surface Transportation Efficiency Act
MAP-21	Moving Ahead for Progress in the 21st Century Act
MOVES	Mobile Vehicle Emission Simulator
MPO	Metropolitan Planning Organization
NAAQS	National Ambient Air Quality Standards
NH_3	Ammonia
NOx	Nitrogen Oxides
PD	Preliminary Design (Formerly FSD)
PDWP	Project Development Work Program
$PM_{2.5}$	Fine Particulate Matter
PMT	Person Miles Traveled
RA	Regional Administer
ROP	Rate of Progress
RTP	Regional Transportation Plan (generally refers to Regional Transportation Plan Update)
SAFETEA-LU	Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users
SD	Study and Development
SIP	State Implementation Plan
SO_x	Sulfur Oxides
STIP	Statewide Transportation Improvement Program
TCM	Transportation Control Measure
TIP	Transportation Improvement Program
USDOT	U.S. Department of Transportation
USEPA	U.S. Environmental Protection Agency
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compound