Vermont’s Greenhouse Gas Emissions

BY SOURCE (2010)

- **47%** – Transportation
- **31.6%** – Residential, Commercial and Industrial Use
- **10.3%** – Agriculture
- **4.1%** – Electricity Supply (Consumption)
- **3.6%** – Industrial Processes
- **3.2%** – Waste Management
- **0.2%** – Fossil Fuels
Vermont Comprehensive Energy Plan

Vermont's Energy Future

Volume 1

"I believe there is no greater challenge and opportunity for Vermont and our world than the challenge to change the way we use and produce energy."

Vermont Department of Public Service

December 2011

VTrans Working to Get You There

Department of Transportation
Ensure that 25% of all vehicles registered in Vermont are powered by renewable sources by 2030.

<table>
<thead>
<tr>
<th>Metric</th>
<th>2014 Value</th>
<th>CEP 2030 Goal Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of renewably-powered vehicles registered in Vermont, expressed as a percentage of all registered cars and trucks in Vermont</td>
<td>0.17%</td>
<td>25%</td>
</tr>
</tbody>
</table>
# Electric Vehicles Registered in Vermont

## As of July 2014

### Legend

**EV Registrations in Zip Code**

- 1 - 4
- 5 - 9
- 10 - 19
- 20 - 39

### Make & Model

<table>
<thead>
<tr>
<th>Make &amp; Model</th>
<th>Number Registered Statewide</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Passenger Cars</strong></td>
<td></td>
</tr>
<tr>
<td>Toyota Prius Plug-in</td>
<td>259</td>
</tr>
<tr>
<td>Ford CMax Energi</td>
<td>119</td>
</tr>
<tr>
<td>Chevrolet Volt</td>
<td>104</td>
</tr>
<tr>
<td>Nissan Leaf</td>
<td>75</td>
</tr>
<tr>
<td>Ford Fusion Energi PHEV</td>
<td>70</td>
</tr>
<tr>
<td>Mitsubishi iMIEV</td>
<td>25</td>
</tr>
<tr>
<td>Tesla Roadster and Model S</td>
<td>27</td>
</tr>
<tr>
<td>Smart Electric Drive</td>
<td>7</td>
</tr>
<tr>
<td>Ford Focus Electric</td>
<td>5</td>
</tr>
<tr>
<td>Other (e.g., after-market conversions)</td>
<td>9</td>
</tr>
<tr>
<td><strong>Total Passenger Cars</strong></td>
<td>700</td>
</tr>
<tr>
<td><strong>Other Electric Vehicles</strong></td>
<td></td>
</tr>
<tr>
<td>(not shown on map)</td>
<td></td>
</tr>
<tr>
<td>Neighborhood Electric Vehicles</td>
<td>70</td>
</tr>
<tr>
<td>Electric Motorcycles and Mopeds</td>
<td>13</td>
</tr>
<tr>
<td><strong>Total Plug-in Vehicles</strong></td>
<td>783</td>
</tr>
</tbody>
</table>

**Data Source:**

- Vermont Dept of Motor Vehicles vehicle registration database as of 6/24/2014.
- Data processed by Vermont Agency of Natural Resources Dept of Environmental Conservation. EVs distinguished by fuel type, model and/or VIN.
Top 20 Vehicle Models Registered in Vermont, 2012
(VT DMV 2012)
Vermont’s Comprehensive Energy Plan

2011 VMT Per Capita for U.S. States (FHWA, 2011)
Gasoline Consumption in Vermont
VT Joint Fiscal Office

- 1996: 324,668,927
- 1997: 330,000,000
- 1998: 329,747,149
- 1999: 330,000,000
- 2000: 330,000,000
- 2001: 330,000,000
- 2002: 330,000,000
- 2003: 361,189,501
- 2004: 361,189,501
- 2005: 361,189,501
- 2006: 350,000,000
- 2007: 350,000,000
- 2008: 350,000,000
- 2009: 350,000,000
- 2010: 350,000,000
- 2011: 350,000,000

VTrans: Working to Get You There
VTrans Electric Vehicle Fueling Infrastructure Plan and Implementation Strategy