

# Appendix A Data Sources Inventory

Data	Agency/Source	Description	Where to Obtain
<b>Transportation</b>			
Programmed Projects	VTrans	<ul style="list-style-type: none"> <li>Highway and bridge construction projects scheduled for implementation</li> </ul>	VTrans Program Development
Traffic Counts	VTrans	<ul style="list-style-type: none"> <li>AADT by segment with Route Log information (tables or interactive maps)</li> <li>Vehicle classification counts by segment</li> <li>Turning movements</li> </ul>	<a href="http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm">http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm</a>
Traffic Growth Factors	VTrans	<ul style="list-style-type: none"> <li>Growth factors (5 and 20 year) based on regression analysis</li> </ul>	<a href="http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm">http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm</a>
Seasonal Traffic Counts and Adjustment Factors	VTrans	<ul style="list-style-type: none"> <li>Highest hourly counts at each site</li> <li>Daily and monthly adjustment factors for seasonality</li> </ul>	<a href="http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm">http://www.aot.state.vt.us/techservices/Documents/TrafResearch/Publications/pub.htm</a>
State Highway Inventory – Route Logs	VTrans	<ul style="list-style-type: none"> <li>Inventory (width, curves/grades, classification, etc.)</li> <li>ADT and crash history</li> <li>Sufficiency ratings</li> <li>Past projects</li> <li>Structures</li> </ul>	VTrans Mapping and GIS Unit
Traveler Characteristics		<ul style="list-style-type: none"> <li>Origins and Destinations</li> <li>Trip Purposes</li> </ul>	Primary data collection – Several techniques available (license plate video matching, roadside interview, postcard, etc.)
Online Map Center	VTrans	<ul style="list-style-type: none"> <li>Town highway maps</li> </ul>	<a href="http://www.aot.state.vt.us/techservices/PlanSupport/MapGIS/Town_Maps1.htm">http://www.aot.state.vt.us/techservices/PlanSupport/MapGIS/Town_Maps1.htm</a>
Statewide Travel Demand Model	VTrans	<ul style="list-style-type: none"> <li>Projections of traffic volumes on highways of statewide significance</li> </ul>	VTrans Policy and Planning – Modeling section
Statewide Accident Database	VTrans	<ul style="list-style-type: none"> <li>Accident locations, severity, and causes</li> </ul>	VTrans Program Development – Highway Research section Accident locations in GIS format at: <a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Vermont Crash Data Resource Book	VT Dept. of Public Safety	<ul style="list-style-type: none"> <li>Summarizes crashes by severity (fatal, injury, total) by town</li> </ul>	<a href="http://www.vhighwaysafety.com/resources.html">http://www.vhighwaysafety.com/resources.html</a>
Pavement Management System	VTrans	<ul style="list-style-type: none"> <li>Pavement condition</li> </ul>	VTrans Program Development – Pavement Management section Some information at <a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Bridge Management System	VTrans	<ul style="list-style-type: none"> <li>Bridge condition, location of posted and weight-restricted structures</li> </ul>	VTrans Program Development – Bridge section
Burlington Area Traffic Data (interactive maps and database)	CCMPO	<ul style="list-style-type: none"> <li>AADT by location</li> <li>Turning movements</li> <li>Bicycle/pedestrian counts</li> </ul>	<a href="http://www.ccmpto.org/data/counts.html">http://www.ccmpto.org/data/counts.html</a>

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<b>Transportation</b>			
Transportation Network Spatial Data	Vermont Center for Geographic Information	<p>GIS data files assembled from various primary sources, including:</p> <ul style="list-style-type: none"> <li>• Road centerline files</li> <li>• Functional classification of roads</li> <li>• Railroad centerline files</li> <li>• Railroad crossings</li> <li>• Automatic traffic recorder locations</li> <li>• Airport, park-and-ride locations</li> <li>• Urban areas as defined by VTTrans</li> <li>• Pavement type and condition, roadway base materials</li> <li>• Roadway widths</li> <li>• Designated speed zones</li> <li>• AADT</li> <li>• Accident locations, high-accident locations</li> </ul>	<a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Digital Orthophotos	VT Department of Taxes – VT Mapping Program	<ul style="list-style-type: none"> <li>• 1:5000 orthophotographic coverage of state (1/2 meter pixels) provides visual information on road geometry, development, access, land use</li> <li>• 1:1250 available for urban areas</li> </ul>	Available on CD-ROM – See <a href="http://www.state.vt.us/tax/mapping.shtml">http://www.state.vt.us/tax/mapping.shtml</a>
Statewide Travel Demand Model	VTTrans	<ul style="list-style-type: none"> <li>• Statewide projections of households through 2020 by TAZ.<sup>1</sup></li> </ul>	VTTrans Policy and Planning – Modeling section
U.S. Census Data	U.S. Census Vermont State Data Center	<ul style="list-style-type: none"> <li>• Population and household characteristics by town (1990, 2000)</li> <li>• Current population estimates</li> <li>• Employment and journey-to-work characteristics by town (CTPP)</li> <li>• Origins/destinations of commuters (CTPP)</li> </ul>	<a href="http://www.census.gov">http://www.census.gov</a> <a href="http://crs.uvm.edu/census/">http://crs.uvm.edu/census/</a>

<sup>1</sup> Employment projections may be released upon execution of a nondisclosure agreement.

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<b><i>Socioeconomic</i></b>			
Burlington Area Census Data – Town Profiles from CTPP	CCMPO	<ul style="list-style-type: none"> <li>Household size, vehicle availability, and journey to work data</li> </ul>	<a href="http://www.ccmpto.org/data/ctpp/">http://www.ccmpto.org/data/ctpp/</a>
Center for Public Health Statistics	Vermont Department of Health	<ul style="list-style-type: none"> <li>Historical population data by town</li> </ul>	<a href="http://www.healthyvermonters.info/pubs.shtml">http://www.healthyvermonters.info/pubs.shtml</a>
Labor Market Information	Vermont Department of Employment and Training	<ul style="list-style-type: none"> <li>Historical employment data by town</li> </ul>	<a href="http://www.vtlmi.info/">http://www.vtlmi.info/</a>
Vermont Community Profile Reports	Vermont Agency of Human Services	<ul style="list-style-type: none"> <li>Recent data and trends on various social indicators (health, employment, crime, etc.)</li> </ul>	<a href="http://www.ahs.state.vt.us/pubs.cfm">http://www.ahs.state.vt.us/pubs.cfm</a>
Vermont Sprawl Database	UVM – Center for Rural Studies	<p>Summary town-level data (provided in spreadsheets) including:</p> <ul style="list-style-type: none"> <li>Population and socioeconomic from census and DOH</li> <li>Employment from census and DET</li> <li>Land cover from UVM analysis</li> <li>Transportation data (VMT, AADT, roadway mileage by class, total crashes, etc.) from VTrans</li> <li>Household transportation and journey-to-work from U.S. Census</li> <li>Tax data (total parcels, valuation) from VT Dept. of Taxes</li> <li>Links to regional, state, and national data, including Census (official state data center for U.S. Census)</li> </ul>	<a href="http://crs.uvm.edu/">http://crs.uvm.edu/</a>
<b><i>Land Use and Environmental</i></b>			
E911 Data		<ul style="list-style-type: none"> <li>Statewide GIS address database for 911 system (residential and commercial driveways)</li> </ul>	<a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Grand List Data		<ul style="list-style-type: none"> <li>Town-level list of taxable and nontaxable properties</li> </ul>	From individual towns or cities

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<b>Land Use and Environmental (continued)</b>			
Parcel Data		<ul style="list-style-type: none"> <li>• Size, shape, use, structures, assessed value, other information on parcels</li> <li>• GIS parcel data is publicly available for about two-thirds of Vermont towns and cities</li> </ul>	From individual towns, cities, or RPCs See also <a href="http://www.vcgi.org/">http://www.vcgi.org/</a> (information on availability)
Vermont GIS Data (various)	Vermont Center for Geographic Information	GIS data files assembled from various primary sources, including: <ul style="list-style-type: none"> <li>• Political boundaries</li> <li>• Land cover/land use</li> <li>• Lakes, ponds, watershed boundaries</li> <li>• Wetlands inventory</li> <li>• Rare, threatened, and endangered species</li> <li>• Core habitats</li> <li>• Cemeteries</li> <li>• Conserved lands</li> <li>• Elevation data</li> </ul>	<a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Vermont Conserved Lands Database	UVM – Center for Spatial Analysis	<ul style="list-style-type: none"> <li>• GIS database of public and private conserved lands</li> </ul>	<a href="http://www.uvm.edu/~envnr/sal/vtcons.html">http://www.uvm.edu/~envnr/sal/vtcons.html</a> <a href="http://www.vcgi.org/">http://www.vcgi.org/</a>
Digital Orthophotos	VT Department of Taxes –VT Mapping Program	<ul style="list-style-type: none"> <li>• 1:5000 orthophotographic coverage of state (1/2 meter pixels) provides visual information on road geometry, development, access, land use</li> <li>• 1:1250 available for urban areas</li> </ul>	Available on CD-ROM – See <a href="http://www.state.vt.us/tax/mapping.shtml">http://www.state.vt.us/tax/mapping.shtml</a>
Digital Elevation Models	VT Department of Taxes –VT Mapping Program	<ul style="list-style-type: none"> <li>• Files that allow generation of slope, aspect, perspective view, and contour data using specific software</li> </ul>	Available on CD-ROM – See <a href="http://www.state.vt.us/tax/mapping.shtml">http://www.state.vt.us/tax/mapping.shtml</a>
Windshield Survey		<ul style="list-style-type: none"> <li>• Visual information on road geometry, development, access</li> </ul>	Primary data collection
Community Planning (various)	VT Planning Information Center	<ul style="list-style-type: none"> <li>• Variety of community planning resources – GIS data, land data, demographics, historic resources, air quality</li> </ul>	<a href="http://www.vpic.info">http://www.vpic.info</a>