Vermont’s GIS & Geographic Names
An Overview
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geodata.vermont.gov
July 12, 2022
WHAT VCGI DOES

BUILD
Foundational Datasets

LEAD
Development and use of Statewide Geographic Information System (GIS) and the Coordination it requires

EMPOWER
Data access, visualization and use
WHAT VCGI DOES*

- ELEVATION
- IMAGERY
- PARCELS/BOUNDARIES

*A sample. Also, what VCGI does not do: name features
Aren’t y’all done mapping yet...?
A GEOGRAPHIC INFORMATION SYSTEM for VERMONT

A Program of Work
April 1983

School of Natural Resources
University of Vermont

1983

1992

Changing With Technology
DATA DOWNLOAD

DATA.GOV WITH Needs

VT Municipalities
Regional Planning Commissions
State Agencies

Vermont Open Geodata Portal

17 TB

454

DATA.SERVICE

APPS LIKE NETFLIX FOR MAPS

APP

DATA DOWNLOAD

> TB

Photo Credit: Taylor Vick
Changing In Space
Changing w/ Preferences, Norms

*formerly Billymead

*formerly Carthage
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**GNTYPE**

- **12 Values**
VT Data - Geographic Names

Open data VCGL
VT Center for Geographic Information

Summary
Geographic names in Vermont derived from GNIS.

Detailed Information:
- Dataset: Feature Layer
- Month 5, 2021
- Released: March 5, 2021
- Published Date: March 14, 2006
- No data
- 11,281 Records
- View data table
- Anyone can see this content
- Custom License
- View license details

Attributes (12):
- Name
- Type
- Action
- GNISID
- Number
- GNAME
- Text
- GNTP
- Type
- CNTRYNAME
- Text
- GUADNAME
- Text
- TOWNNAME
- Text
- CNTRYGEOID
- Text
- PRIM_LAT_DESC
- Number
- PRIM_LONG_DEC
- Number

I want to...
- Create a Map
  Start a map with this data
- Create a Story
  Open in ArcGIS StoryMaps
- View API Resources
  Try out the API Explorer

Metadata:

Identification Information:
- Title: Basemap and landmarks GEONAME
- Edition: 2014A
- Geographic Names Information System (GNIS)
- Source: Geographic Names Information System (GNIS)
- Issue: Identification 2014A
- Publication Information:
  - Publication Place: Montpelier, VT
  - Publisher: GIS Database Administrator

Description:
Basemap and landmarks GEONAME is derived from the U.S. Geological Survey’s U.S. Geographic Names Information System (GNIS) by spatially enabling and spatially joining GNIS data.

Purpose: Geographic names in Vermont derived from GNIS

Time Period of Content:
- Time Period: Annual
  - Begin Date: 2000
  - End Date: 2014

Status:
Change: Complete
Maintenance and Update Frequency: Annually

Spatial Domain:
- Bounding Coordinates:
  - North: -73.456
  - East: -71.4882
  - South: 45.9092
  - West: 42.0511

Keywords:
- Theme Keyword: Thematica: ID 19119 Topic Category
- Theme Keyword: imageryBaseMapsEarthCover
- Theme Keyword: None
- Theme Keyword: Geographic names, USGS Data
- Theme Keyword: geographic names
- Theme Keyword: usgs data
- Place Keyword: None
- Place Keyword: Vermont

Access Constraints:
- VCGL makes no representations of any kind, including but not limited to the warranties of merchantability or fitness for a particular use, nor are any such warranties to be implied with respect to use of the data. No responsibility is assumed by the Vermont Center for Geographic Information or the U.S. Geological Survey for any consequence of use of such data.
ArcGIS Living Atlas of the World is the foremost collection of geographic information from around the globe. It includes maps, apps, and data layers to support your work.

What's new

Explore items recently added to ArcGIS Living Atlas of the World, learn about GIS events, and discover ways to use content.

Working with Enhanced Contrast basemaps to improve accessibility

WCAG accessible basemaps are now available in ArcGIS Living Atlas as "Enhanced Contrast" basemaps for easier readability for those visually impaired. Learn more about these basemaps and how to customize them for your specific mapping requirements.

Enhance your pop-ups using Living Atlas

Pop-ups are a powerful way to display data within your map, and ArcGIS Living Atlas offers a wealth of hosted data layers that can help you see this context around your location. Learn how ArcGIS expert Pam Rutledge can help you enhance pop-ups with additional information from other layers without having to clone those layers in the map.

The Basemap category includes maps and layers that provide reference maps for our world and context for your work. The basemaps can provide general reference information, creative styles for focused maps, component layers to create basemaps, and historical maps.
Improve the Esri Basemaps

Improve Esri Basemaps by providing feedback, creating and editing large scale features, or sharing your data layers and services. Watch this video for a tour of what you can do, and read these blogs and stories for news on basemap releases, user stories, and community program updates.
The Vermont Geographic Area Names and Codes Standard aims to provide uniform spelling of and accounting for the current geographic entities of Vermont in digital format.
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DRAFT STANDARDS AND GUIDELINES FOR PUBLIC COMMENT

Documents posted below are drafts of proposed new or changes to existing Vermont GIS standards and guidelines, which are overseen by the Enterprise GIS Consortium. Please visit the Standards and Guidelines page to see final versions.

The public comment period per each document up for review is shown below. The review period is 30 days.

To provide comment, please contact us by email during the review period, and please read the procedure describing adoption of GIS Data Standards in Vermont.

Current Drafts for Review


Summary of changes in the June 2022 update:

- Creation of the City of Essex Junction (formerly the Village of Essex Junction). The Federally-assigned TOWNGEOID for this entity is forthcoming and will be added to the standard and data as soon as available.
- Moved Village of Essex Junction from active to “historical”
- Replaced references to the former Southern Windsor Regional Planning Commission (SW) with Mount Ascutney Regional Commission (MA)
- Inclusion of four new fields in “commcode” database:
  - CENSUS2020 – flags if geographic entity was recognized in 2020 Census
  - AOE_CODE – code denoting municipalities within Agency of Education data
  - LAT – latitude of town clerk’s office for municipality (E911 Landmark location used in absence of town office)
  - LONG – longitude of town clerk’s office for municipality (E911 Landmark location used in absence of town office)

The document has also been renamed from VT Geographic Area Codes Standard to VT Geographic Area Names and Codes Standard.

All approved changes to the standard will be reflected in the associated key/lookup/crosswalk tables, available...
IX. Approved name changes by The Board are shared with the U.S. Board on Geographic Names (Geographic Names Information System / GNIS). When posted to GNIS, the Vermont Center for Geographic Information (VCGI) incorporates approved name changes in Vermont’s spatial data layers and applications.

Potential Addition
(something to the effect):

IX. Approved name changes by The Board are shared with the U.S. Board on Geographic Names (Geographic Names Information System / GNIS). When posted to GNIS, the Vermont Center for Geographic Information (VCGI) incorporates approved name changes in Vermont’s spatial data layers and applications.
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