

CHANGE LOG

Wisconsin County-Administered Zoning

Last Update: September 9, 2017

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Change Log Overview

This document describes updates made to the statewide **zoning layer**, starting at Version 2.0.0 (V2.0.0) and ending at the most current version, Version 3 (**V3.0.0**). A main focus in developing this statewide zoning layer is to preserve the authoritative nature of data created by county zoning ordinances and annotated within GIS data. In keeping with this concept, during the development of this layer, alterations to the zoning, parcel, or tax roll data itself was done only under the advisement of the county contributors.

The Statewide Parcel Map & the Production of Statewide Zoning Layers

The Version 3 Statewide Parcel Map Database Project (V3 Project) is a collaboration between the State Cartographer's Office and the Wisconsin Land Information Program (WLIP). The V3 Project is the secondary development cycle within the Statewide Parcel Map Initiative and involves the aggregation of statewide zoning layers. The Statewide Parcel Map Initiative was established by Act 20 of 2013. For more information, please see Statewide Parcel Project pages at Wisconsin Department of Administration and Wisconsin State Cartographer's Office.

Version 2 Data Release "V2"

The V2.0.0 release of the zoning layers was the first formal release of statewide zoning layers to the public. The V1 parcel project did not aggregate zoning data. Following the semantic versioning scheme of MAJOR.MINOR.PATCH increments, the Version 2 zoning layer is first MAJOR release of the zoning layers. This database is known as *V2.0.0_Wisconsin_Zoning_<ZONING TYPE>.gdb* (for example, *V200_Wisconsin_Zoning_SHORELAND.gdb*). There were no MINOR or PATCH releases to the V2 zoning layers.

Version 3 Data Release "V3"

The V3.0.0 zoning layers are the second formal release of statewide zoning layers to the public. Following the semantic versioning scheme of MAJOR.MINOR.PATCH increments, the Version 3 zoning layer is the second MAJOR release of the zoning layers. This database is known as *V3.0.0_Wisconsin_Zoning_<ZONING TYPE>.gdb* (for example, *V300_Wisconsin_Zoning_SHORELAND.gdb*).

Subsequent Data Releases

When updates are required to be made to any of the statewide zoning layers, a new version will be released and titled with semantic versioning scheme of MAJOR.MINOR.PATCH increments. The scheme will be included in the file geodatabase name. For example, Version 4.0.0 will be known as *V4.0.0_Wisconsin_Zoning_<Zoning Type>.gdb*.

Known Issues

There are some issues that will remain unresolved in the statewide zoning database. These issues may persist in the database due to various factors, including:

- Lack of a feasible solution
- Lack of authorization from data contributor to make change
- Conceptual-level anomalies

All known issues will be listed in the "Known Issues" section of this document below.

Attribute Schema

The attribute schema for the most current version of the statewide parcel layer can be found [here](#). This document includes zoning layer attribute specifications and other documentation. If a change is made to the schema, the change will be noted in this change log and in-line with database changes.

Current Download

For the most recent version of the statewide zoning layer, see the project's download page, www.sco.wisc.edu/parcels/data.

V3 Change Log

V3.0.0

Release Date: 7/30/17

Release Description: Secondary release of the statewide zoning layers (AIRPORT ZONING, FARMLAND ZONING, FLOODPLAIN ZONING, GENERAL ZONING, and SHORELAND ZONING)

Database Names:

V3.0.0_Wisconsin_Zoning_SHORELAND.gdb

V3.0.0_Wisconsin_Zoning_GENERAL.gdb

V3.0.0_Wisconsin_Zoning_FLOODPLAIN.gdb

V3.0.0_Wisconsin_Zoning_FARMLAND.gdb

V3.0.0_Wisconsin_Zoning_AIRPORT.gdb

Changes (vs. V2.0.0):

***Note:** This layer (V3.0.0) is a complete reconstruction of all five Statewide Wisconsin zoning layers. All features represented within this layer have been directly submitted to the V3 parcel project by data contributors. Nowhere within this layer has geometric or tabular data from the V2 project been used or propagated.

1. **Geometric coverage improvements:** Geometric improvements exist for all five layers, both in quantity of features and total area covered. The V3 layers total as follows when compared against the V2 layers:
 - SHORELAND V3: 47,068 – V2: 36,360 = 10,708 Difference
 - GENERAL V3: 402,407 – V2: 410,532 = -8,125 Difference
 - FLOODPLAIN V3: 40,566 – V2: 23,002 = 17,564 Difference
 - FARMLAND V3: 257,689 – V2: 214,366 = 43,323 Difference
 - AIRPORT V3: 5,002 – V2: 4,300 = 702 Difference
 - TOTALS V3: 752,732 – V2: 688,560 = 64,172 Difference (9% increase)
2. **Attribute improvements:** While it is expected that significant attribute improvements against the V2 layers exist in the V3 layers, especially with relation to attribute completeness, these improvements remain unquantified.
3. **Added attributes:** There are no added attributes since the V1 and V2 layers.
4. **Attribute quality improvements:** Several attribute quality improvements are expected across various attribute fields, while these improvements are not quantified, the below list describes the nature of the expected improvements, per attribute:
 - **ZONINGCLASS:**
 - ▶ Included domains were vetted more closely against their DESCRIPTION or LINK fields to ensure users can find a definition for the class if one exists.
 - **DESCRIPTION or LINK:**
 - ▶ Completeness of one of these two fields was scrutinized to ensure users can find a definition for the class if one exists, more definitions are available in V3.0.0.

V2 Change Log

V2.0.0

Release Date: 8/31/16

Release Description: Primary release of the statewide zoning layers (AIRPORT ZONING, FARMLAND ZONING, FLOODPLAIN ZONING, GENERAL ZONING, and SHORELAND ZONING)

Database Names:

V2.0.0_Wisconsin_Zoning_SHORELAND.gdb

V2.0.0_Wisconsin_Zoning_GENERAL.gdb

V2.0.0_Wisconsin_Zoning_FLOODPLAIN.gdb

V2.0.0_Wisconsin_Zoning_FARMLAND.gdb

V2.0.0_Wisconsin_Zoning_AIRPORT.gdb

Changes:

1. N/A - (no changes as this is the primary release)

V1 Change Log – N/A

Release Date: N/A (Layer was not aggregated or released during this project cycle).

Known Issues

Incomplete Geometric Coverage

Issue Date: 8/31/16

Last Update: 7/30/17

Issue Description: Each of the five zoning layers will lack coverage in some geographic areas.

Issue Status: Unresolved—some contributing counties were unable to provide all GIS zoning data requested for this project. This is the result of two particular conditions:

1. A county may not administer one or more of the zoning types, in this case the omission of data is valid
2. A county may administer a zoning type but not maintain the zoning type as a GIS-compatible format. It is anticipated that these cases will be resolved over time, as contributors begin to create/maintain such GIS zoning data.

As of V3.0.0, there remain some counties who have zoning administered by county but do not maintain the zoning in a GIS format. These counties are noted in the [attribute schema](#) documentation.

