

## PTV Postcode Boundaries

USA



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# 1 Introduction

Once a year PTV Logistics releases the product PTV Postcode Boundaries which includes different polygon and point layers containing postcode information. The attribution described in this document is limited to the layers provided for **USA**. There are also release notes with changes compared to the last version. The territory status depends on the revision date of the respective country.

The data set PTV Postcode Boundaries USA is based on HERE Postal Code Boundaries. The data is built on the most accurate and reliable information possible. However, data gaps or errors cannot be excluded.

## 2 General Information

|                               |  |
|-------------------------------|--|
| Product name:                 | PTV Postcode Boundaries  |
| Content of the data record:   | Postcode Boundaries/centroids in different variations  |
| Subset:                       | USA (all 50 states, the District of Columbia, Puerto Rico, the US Virgin Islands, Guam, American Samoa and the Northern Mariana Islands) |
| Source:                       | HERE Technologies, Amsterdam;<br>PTV Logistics GmbH, Karlsruhe   |
| Data type:                    | Postcode boundaries/centroids  |
| Geometry type:                | Polygon/Point  |
| Status of the data:           | Depending on the time of the last country update, see region related release notes   |
| Standard data format:         | MapInfo TAB, ESRI-Shape, FGDB (upon request)   |
| Projection/Datum information: | Projection Geographic Datum World Geodetic System 1984 (WGS84)<br>Units Decimal degrees (Precision Five decimal degrees)                 |
| Character Set:                | Windows Latin-1 ANSI (Windows-1252)  |
| Language:                     | English  |
| Update interval:              | Annual   |

### 3 Content and Field Description

The product includes three distinct versions of the 5-digit postcode (aka ZIP codes) boundaries (polygons), one version for 3-digit postcodes boundaries (polygons) and two centroid layers (points) based on the boundary layers. What distinguishes them in detail is described below:

- Ungeneralized with water holes: represents polygonal water features as holes in the postcode polygons if the features are greater than 5 square kilometers. Note: all the water features on coastlines (ocean and lake) will be kept for added detail (feature types that are affected: oceans, bays, etc.).
- Generalized without water holes: represents postcode polygons as a spanning set that limits the representation for polygonal water features or “water holes”. Water holes will exist for only the Great Lakes and Great Salt Lake. The coastline water features are generalized to lessen the impact on loading.
- High Definition, with county: Relative to the standard postcode boundaries, a significant amount of line work has been created for this HD version, to better segregate delivery to adjacent ZIP codes. Boundaries have increased detail to reflect postcode delivery more closely. Water holes will exist for only the Great Lakes and Great Salt Lake. Multi-part ZIP Code boundaries are allowed more often, when needed to reflect non-contiguous postal delivery.
- Centroid layers: centroids of all postcode boundaries

The polygon layers do not have gaps, or voids, in postal coverage, even if such a gap may exist in reality (such as a remote mountainous areas). This is by design, for aesthetic purposes and to ensure that a postcode is assigned to all geographic areas.

The data does also include 3-digit generalized postcode layers: a polygon and point layer. This data has been generalized from the 5-digit postcodes.

## Attributes for 5-digit polygon and point layers:

| Field name | Description   | Data type |
|------------|---|-----------|
| POSTCODE   | 5-digit postcode reference  | String    |
| ISO_CTRY   | Country Abbreviation  | String    |
| ADMIN1     | Country   | String    |
| ADMIN2     | State   | String    |
| ADMIN3     | County  | String    |
| ADMIN4     | City  | String    |
| ADMIN5     | Not applicable  | String    |
| STATE      | State abbreviation for the state within which the applicable postcode falls   | String    |
| AREA*      | Polygon area  | Double    |
| PC_NAME    | Name of postcode (ZIP) - for non-unique and PO box postcodes this represents the post office name and for unique organizations postcodes this represents the company or large user name   |           |
| PC_TYPE    | Postcode classification for each postcode reference.<br>Postcode types are as follows:<br>NON UNIQUE = General delivery postcode.<br>UNIQUE ORGANIZATION = Unique postcode records for companies receiving large quantities of mail.<br>PO BOX = Post Office box postcodes.<br>MILITARY** = APO, FPO, and DPO |           |
| COUNTY     | USPS county name within which the applicable postcode falls   |           |
| PA_NAME    | Postal area name (Last line city name from USPS sources)  |           |
| FIPS_PA    | Postal Area (Last Line City) Federal Information Processing Standards (FIPS) code   |           |
| FIPSCO     | County FIPS code  |           |
| FIPSST     | State FIPS code   |           |
| GNIS       | US County GNIS feature ID from the official geographic names repository for the United States.  |           |
| ACCURACY** | Relates to the source for the positional accuracy of each postcode point location. Values are provided as follows:<br>S= Street level accuracy<br>T= Town centroid accuracy<br>PC= Polygon centroid accuracy from FSA boundary<br>CS= Division, Province centroid accuracy                                    |           |
| ENC_PC**   | Postcode reference the postcode point falls within  |           |
| LINK_ID**  | Nearest HERE Map street link_id reference to the applicable point   | String    |

\* Included only in polygon layer

\*\* Included only in point layer

Attributes for 3-digit polygon and point layers:

| Field name | Description   | Data type |
|------------|---|-----------|
| POSTCODE   | 3-digit postcode reference  | String    |
| ISO_CTRY   | Country Abbreviation  | String    |
| ADMIN1     | Country   | String    |
| ADMIN2     | State   | String    |
| ADMIN3     | County  | String    |
| ADMIN4     | City  | String    |
| ADMIN5     | Not applicable  | String    |
| STATE      | State abbreviation for the state within which the applicable postcode falls | String    |
| AREA*      | Polygon area  | Double    |
| LINK_ID**  | Nearest HERE Map street link_id reference to the applicable point           | String    |

\* Included only in polygon layer

\*\* Included only in point layer