

Spectrum™ Technology Platform

Version 2018.2.0

GroundView®: Settlement Spaces



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1 - Introduction

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Demographics

Demographics are descriptors of people and places. The demographic data described begins with people but is summarized at Census Block Group level.

Pitney Bowes U.S. Groundview® Demographic Data for the United States is a comprehensive set of over 8,200 variables. The same has been divided into multiple topics with few hundred variables for better consumption and analysis.

Demographics Lookup

Demographics suite consists of an H2 database named `demographics_index`. This database contains `pbkey` linked to the `bkg_key`. This `bkg_key` in the `demographics_index` database can be looked up in the demographics attribute database using the `pbkey` field defined.

Field Name	Field Type	Description
<code>pbkey</code>	char (17)	<code>pbKey</code> [™] unique identifier
<code>bkg_key</code>	char (12)	Unique value for demographics data records.

Installation

1. Download the data zip to a directory on your computer.
2. Unzip the data, to find the base data zip with the documentation link file.
3. Unzip the base data folder to find the final `.h2.db` file.

Note: For example, if you have downloaded the zip file with name **Groundview_Business_Summary_AK_H2DB201803.7z**, then you need to extract this file to find another zips named as **groundview_business_summary_naics_attribute.7z**, **groundview_business_summary_sic_dataset1_attribute.7z**, and **groundview_business_summary_sic_dataset2_attribute.7z** with a documentation link file and an index file named as **demographics_index_AK.7z**. Finally extract any of

the zip file such as, **groundview_business_summary_naics_attribute.7z** to find the **groundview_business_summary_naics_attribute.h2.db** as final data file.

4. Copy the data to any directory. Note the file name and path.

Note: You may install databases on a mapped drive, but performance will be affected since you will be accessing them on a network rather than accessing them locally.

5. After you install the database files, you will need to define the database as a resource.

For more information, see "Adding a GeoEnrichment Module Database Resource" in the applicable version of the *GeoEnrichment Guide* at support.pb.com/spectrum.

After downloading data and installing the Spectrum Client you need to configure the GeoEnrichment Module in the Spectrum, for data processing. For that, follow the steps mentioned in the document available [here](#).

Address Fabric Version Compatibility

These databases require Address Fabric October 2018 vintage.

The Address Fabric is based on October 2018 geocoding data.

2 - Data Layouts

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Settlement Space

Field Name	Field Type	Description
pbkey	char(12)	2016 Geography Code
settlement_space	integer	Settlement Space Code
hhdsy	integer	2016 Estimated Households
totpopcy	integer	2016 Total Population
adulscy	integer	2016 Total Adult Population
adumalecy	integer	2016 Total Adult Male Population
adufemalecy	integer	2016 Total Adult Female Population

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Data Support: 800.367.6950

Software Support: 800.762.5158

Email: software.support@pb.com

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