

GeoEnrichment Boundaries Lookup

Version 2019.06.0

GeoEnrichment



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1 - Introduction

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GeoEnrichment Boundaries Lookup

The GeoEnrichment Boundaries Lookup is a GeoEnrichment dataset associating Pitney Bowes proprietary unique and persistent identifier, pbKey, to Boundary IDs and Boundary Names. This dataset is created by using Pitney Bowes Location Intelligence software to associate our best in class Location Intelligence boundary data to our Address Fabric, which is the most comprehensive address dataset on the market. This preprocessed data means users don't need to perform complex and time-consuming geospatial processing to understand the relationships between an address and the boundaries within which it falls. With the GeoEnrichment Boundaries Lookup, insights such as customer activity, school districts, and township administration are available through a quick and simple lookup.

The GeoEnrichment Boundaries Lookup is provided in a database loadable text format for easy integration into a variety of systems. It can be used within GIS, BI, and other database systems like Spectrum (instructions for loading GeoEnrichment Boundaries Lookup data into Spectrum can be found [here](#)). The GeoEnrichment Boundaries Lookup is available as a complete file, or as individual files delivered in conjunction with the following Pitney Bowes World Boundaries products:

- US Census Boundaries
- Neighborhoods
- Residential Neighborhoods
- Metro Areas
- Designated Market Areas
- Carrier Routes
- World Time Zones
- Schools
- Colleges
- 5 Digit ZIP Codes

Installation

GeoEnrichment Boundaries Lookup data is supplied a pipe-delimited text files (.TXT). To install the files:

1. Download the compressed file to a directory on your computer.
2. Extract the compressed data file to its final location.

Note: The compressed file contains a documentation link file. The documentation link file will extract to the same location as the data file.

3. Once unzipped, the data can be loaded into a database or any Spatial software such as MapInfo Professional or Spectrum Technology Platform of Pitney Bowes for further use.

For more information on using these products tools please visit:

[mapinfo product support](#) for MapInfo Professional, and

support.pb.com/spectrum for Spectrum

2 - Data Layouts

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GeoEnrichment Boundaries Lookup Table

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GeoEnrichment Boundaries Lookup Table

Field Name	Field Type	Description
pbkey	Char (12)	Unique persistent identifier for the address
BLK_ID	Char (15)	This is a block ID with 15-character code that is the concatenation of fields consisting of the 2-character state FIPS code, the 3-character county FIPS code, the 6-character census tract code, and the 4-character tabulation block code.
M_NBR_ID	Integer	Indicates the macroneighborhood ID
M_NBR_NAME	Char (100)	Indicates the macroneighborhood name
N_NBR_ID	Integer	Indicates the neighborhood ID
N_NBR_NAME	Char (100)	Indicates the neighborhood name
S_NBR_ID	Integer	Indicates the subneighborhood ID
S_NBR_NAME	Char (100)	Indicates the subneighborhood name
R_NBR_ID	Integer	Indicates the residential neighborhood ID
R_NBR_NAME	Char (100)	Indicates the residential neighborhood name
PLACE_ID	Char (10)	Indicates the place ID
PLACE_NAME	Char (50)	Indicates the place name
MCD_ID	Char (10)	Indicates the minor civil division ID
MCD_NAME	Char (50)	Indicates the minor civil division name

Field Name	Field Type	Description
METRO_ID	Integer	Indicates the metro area ID
METRO_NAME	Char (100)	Indicates the metro area name
DMA_ID	Char (3)	Indicates the designated market area ID
DMA_NAME	Char (60)	Indicates the designated market area name
CBSA_ID	Char (5)	Indicates the core based statistical area ID
CBSA_NAME	Char (70)	Indicates the core based statistical area name
CBSA_TYPE	Char (12)	Indicates the core based statistical area type
CR_ID	Char (9)	Indicates the carrier route ID
CR_NAME	Char (40)	Indicates the carrier route name
CONG_DIST_ID	Char (5)	Indicates the congressional district ID
CONG_DIST_NUM	Char (2)	Indicates the congressional district number
CTY_ID	Char (5)	Indicates the county ID
CTY_NAME	Char (50)	Indicates the county name
STATE_ID	Char (2)	Indicates the state ID
STATE_NAME	Char (30)	Indicates the state name
ISO_ID	Char (3)	Indicates the ISO ID
COUNTRY_NAME	Char (65)	Indicates the name of the country
TZ_OFFSET	Char (6)	Indicates the time zone offset

Field Name	Field Type	Description
TZ_ID	Integer	Indicates the time zone ID
TZ_NAME	Char (40)	Indicates the time zone name
SCHBDR_ID	Integer	Indicates the school boundary ID
SCH_NAME	Char (100)	Indicates the school name
SCHDIST_ID	Integer	Indicates the school district ID
SCHDIST_NAME	Char (100)	Indicates the name of district to which the school belongs
UNI_ID	Char (7)	Indicates the university ID
UNI_NAME	Char (3)	Indicates the name of the university
CAMPUS_NAME	Char (85)	Indicates the name of the campus to which the school belongs
ENC_ZIP_ID	Char (5)	It is a 5 digit zip code of the area that encloses a zip code point
ENC_ZIP_NAME	Char (100)	It is a primary name of the zip code of the area that encloses a zip code point

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US Census Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique persistent identifier for the address
BKG_KEY	Char (12)	Block group ID
PLC_KEY	Char (10)	Place ID
PLACENAME	Char (50)	Place name
MCD_KEY	Char (10)	Minor civil division ID
MCDNAME	Char (50)	Minor civil division name
CBSA	Char (5)	Core based statistical area ID
NAME	Char (70)	Core based statistical area Name
TYPE	Char (12)	Core based statistical area Type
CTY_KEY	Char (5)	County ID
COUNTYNAME	Char (50)	County name
ST_FIPS	Char (2)	State ID
ST_ABBREV	Char (2)	State name

Neighbourhood Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
OBJ_ID_M	Integer	It indicates the Macroneighbourhood ID
NAME_E_M	Char (100)	It indicates the Macroneighbourhood name
OBJ_ID_N	Integer	It indicates the neighbourhood ID
NAME_E_N	Char (100)	It indicates the neighbourhood name
OBJ_ID_S	Integer	It indicates the sub-neighbourhood ID
NAME_E_S	Char (100)	It indicates the Sub-neighbourhood Name

Residential Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
OBJ_ID	Integer	It indicates the residential neighbourhood ID
NAME_E	Char (100)	It indicates the residential neighbourhood name

Metro Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
OBJ_ID	Integer	It indicates the metro area ID
METRO	Char (100)	It indicates the metro area name

Designate Market Areas Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
DMA	Char (3)	It indicates the designated market area ID
DMANAME	Char (60)	It indicates the designated market area name

Carrier Routes

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address

Field Name	Field Type	Description
ZIPCRID	Char (9)	It indicates the carrier route ID
NAME	Char (40)	It indicates the carrier route name

Congressional Districts

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
CONG_DIST	Char (5)	It indicates the congressional district ID
DISTRICT	Char (2)	It indicates the congressional district number

World Time Zone Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
TIME_ID	Integer	Time Zone ID number
STDOFFSET	Char (6)	It indicates the time zone offset
TIMEZONE	Char (50)	It indicates the time zone name

Schools Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
NCES_SCHID	Integer	It indicates the school boundary ID
SCH_NAME	Char (100)	It indicates the school name
NCES_DISID	Integer	It indicates the school district ID
DISTRICT	Char (100)	It indicates the district name in which school comes

Colleges Boundaries

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
OBJ_ID	Char (7)	It indicates the university ID
NAME_E	Char (3)	It indicates the university name
CAMP_NAME	Char (85)	It indicates the campus name

5 Digit ZIP Codes

Field Name	Field Type	Description
PBKEY	Char (12)	Unique identifier for the address
ENC_ZIP_ID	Char (5)	It is a 5 digit zip code of the area that encloses a zip code point
ENC_ZIP_NAME	Char (100)	It is a primary name of the zip code of the area that encloses a zip code point

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