

# Property Attributes Data

Version 2019.06.0

GeoEnrichment



# Table of Contents

## 1 - Introduction

---

Property Attributes Data	4
Installation	4
Property Attributes Data Descriptions	6

## 2 - Data Layouts

---

GeoEnrichment Data Fields	8
Historical Sales Data Fields	48

## 3 - Frequently Asked Questions

---

FAQs	53
------	----

# 1 - Introduction

## In this section

---

Property Attributes Data	4
Installation	4
Property Attributes Data Descriptions	6

# Property Attributes Data

Pitney Bowes Property Attribute dataset lets you enrich your location information with more than 200 property attribute fields on over 149 million US properties. This includes 99% of the properties in the USA, including residential and commercial properties.

GeoEnrichment Property Attributes is a variant of this dataset.

## Features

Now it's easy to get more value from your Location Intelligence with Property Attributes Data. Incorporate details on the property owner, zoning, land use, and condition. Know the exact square footage, plus the number and types of rooms. Delve into financing, taxes, and sales history. With the right details, you can reduce risk, evaluate worth and improve the customer experience. Key data elements include:

- Property Owner
- Property Owner Address
- Property Type (business, residential)
- Property Attributes (land use, year built, square footage, number of bedrooms and bathrooms, presence of pool or fireplace, roof type)
- Assessor Information (Homestead data, tax amount and tax year, recording dates, deed type, sales date and seller name, sale type)
- Historical Sale Information
- Location (X,Y) or link to X,Y
- Property Attributes Data can be linked with Pitney Bowes's Address Fabric data
- Fill rate metrics are also available with data

## Coverage

Property Attributes Data contains property records for The United States of America. Data is available for ~3100 counties across the USA.

# Installation

## *To Install the Property Attributes GeoEnrichment Data*

1. Download your database(s). The database is downloaded as a .7z file.
2. Extract the .7z file.

**Note:** Tip: A tool that supports extracting the .7z formats is "7-Zip". This open-source tool can be downloaded from: <http://www.7-zip.org/download.html>

**Note:** Pitney Bowes does not endorse 7Zip products, it is listed for the convenience of our users. Address questions about the particular plug-in or file viewer to the respective vendor.

3. 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.

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

# Property Attributes Data Descriptions

## GeoEnrichment Data Descriptions

### *GeoEnrichment Data*

Property Attributes GeoEnrichment data is available in an H2DB file compatible with Pitney Bowes Spectrum™ Technology Platform, and a .txt file. The data contains the pbKey™ which can be used to link this data with Address Fabric and other PB data products.

Property Attributes GeoEnrichment Data is offered in four versions:

Name	Description
<ul style="list-style-type: none"> <li>• <b>GeoEnrichment Property Attributes - Basic</b></li> </ul>	Provides all the basics about the property, ownership, and land use.
<ul style="list-style-type: none"> <li>• <b>GeoEnrichment Property Attributes - Standard</b></li> </ul>	Expands basic data with more information such as market value, build construction, and roof type. Contains all the property details that enable insurers to determine insurance rates and financial services to determine loan valuations.
<ul style="list-style-type: none"> <li>• <b>GeoEnrichment Property Attributes - Ultimate</b></li> </ul>	Offers all of the available data in the property attributes tax assessment based datasets.
<ul style="list-style-type: none"> <li>• <b>GeoEnrichment Property Attributes - Historical Sales</b></li> </ul>	Provides sales history from the year 2000 to present on the properties in the United States.

### *Duplicate Data Handling*

Addresses with duplicate pbKey™ values are delivered in a separate pipe delimited file. The layout is the same as the main file and can be searched by the pbKey™. The record that is identified as the Survivor record is in both versions of the data; it is the record in the duplicate group with the highest property value.

# 2 - Data Layouts

## In this section

---

GeoEnrichment Data Fields	8
Historical Sales Data Fields	48

## GeoEnrichment Data Fields

This section describes the output fields that are returned for each Property Attributes dataset. For more details and for highlighted field names, refer to the Excel<sup>®</sup> spreadsheet that is provided with your Property Attributes dataset download.

Short Names for field names in the table below:

- Basic = B\*, Standard = S\* and Ultimate = U\*

Field Name	Short Name	Field Type	Description	B*	S*	U*
PbKey	PBKEY	Char (17)	Proprietary persistent unique lookup key that ties to the Pitney Bowes Master Location Dataset.	X	X	X
LinkID	LinkID	varchar (50)	ID to link to the property attributes historical sales dataset	X	X	X
OwnerID	OWNID	varchar (50)	Property owner ID	X	X	X
OwnerFirstName	FNAME	Varchar (50)	First name of the property owner	X	X	X
OwnerMiddleName	MNAME	Varchar (50)	Middle name of the property owner	X	X	X
OwnerLastName	LNAME	Varchar (50)	Last name of the property owner	X	X	X
OwnerSuffix	SUFFIX	Varchar (10)	Generational suffix such as, Jr., Sr., I, II, etc	X	X	X
Owner2FirstName	FNAME2	Varchar (50)	First name of the second owner of the property	X	X	X



Field Name	Short Name	Field Type	Description	B*	S*	U*
Owner2MiddleName	MNAME2	Varchar (50)	Middle name of the second owner of the property	X	X	X
Owner2LastName	LNAME2	Varchar (50)	Last name of the second owner of the property	X	X	X
Owner2Suffix	SUFFIX2	Varchar (10)	Generational suffix such as, Jr., Sr., I, II, etc	X	X	X
BusinessName	BUSNAME	Varchar (255)	If property is owned by a business, the name of that business.	X	X	X
PropOwnerType	RECTYPE	Varchar (1)	If the value is B, indicates that a business owns the property; otherwise, the value is R.  R - Residential B - Business  *NOTE: This field does not indicate if the property is residential or commercial.	X	X	X
OwnerPhone	PHONE	Varchar (10)	Phone number for the owner of the property	X	X	X
Owner2Phone	PHONE2	Varchar (10)	Phone number for the second owner of the property	X	X	X
<b>PROPERTY SITUS ADDRESS INFORMATION</b>						
PropAddressFull	ADDRESS	Varchar (64)	Full address for the physical location of the property	X	X	X
PropHouseNumber	HOUSE	Varchar (10)	House number	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
PropStreetPreDir	PREDIR	Varchar (2)	Street directional prefix such as, N, S, E, W, NE, SE, NW, SW	X	X	X
PropStreetName	STREET	Varchar (28)	Street name. May also be a post office (PO) box number, rural route (RR) number, or highway contract (HC) box number.	X	X	X
PropStreetSuffix	STRTYPE	Varchar (4)	Street suffix: ST, AVE, PL, BLVD, PKWY, etc.	X	X	X
PropStreetPostDir	POSTDIR	Varchar (2)	Street directional extension: N, S, E, W, NE, SE, NW, SW	X	X	X
PropUnitType	APPTYPE	Varchar (4)	Unit designator: Apt, Unit, etc	X	X	X
PropUnitNumber	APTNBR	Varchar (8)	Unit number	X	X	X
PropCity	CITY	Varchar (28)	City name	X	X	X
PropState	STATE	Varchar (2)	State abbreviation	X	X	X
PropZip	ZIP	Varchar (5)	Zip Code	X	X	X
PropZip4	Z4	Varchar (4)	Zip+4 extension	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
PropVacancy	VACANT	Varchar (1)	Indicates whether the physical address has been determined to be vacant by the USPS.  Y - Identified as Vacant  N - Someone living at that address  U - Unknown		X	X
PropCategory	PROP_CAT	Varchar (1)	Code identifying the property as residential or commercial.  R - Residential  C - Commercial  V - Vacant  O - Other	X	X	X
<b>TAX BILL PROPERTY ADDRESS INFORMATION</b>						
TaxPropAddressFull	TAXADDRESS	Varchar (64)	Full Address for where the tax bill is sent		X	X
TaxPropHouseNumber	HOUSE2	Varchar (10)	House number		X	X
TaxPropStreetPreDir	PREDIR2	Varchar (2)	Street directional prefix: N, S, E, W, NE, SE, NW, SW		X	X
TaxPropStreetName	STREET2	Varchar (28)	Street name. May also be a post office (PO) box number, rural route (RR) number, or highway contract (HC) box number.		X	X
TaxPropStreetSuffix	STRTYPE2	Varchar (4)	Street suffix: ST, AVE, PL, BLVD, PKWY, etc		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
TaxPropStreetPostDir	POSTDIR2	Varchar (2)	Street directional extension: N, S, E, W, NE, SE, NW, SW		X	X
TaxPropUnitType	APTTYPE2	Varchar (4)	Unit designator: Apt, Unit, etc		X	X
TaxPropUnitNumber	APTNBR2	Varchar (8)	Unit number		X	X
TaxPropCity	CITY2	Varchar (28)	City name		X	X
TaxPropState	STATE2	Varchar (2)	State abbreviation		X	X
TaxPropZip	ZIP2	Varchar (5)	Zip Code		X	X
TaxPropZip4	Z42	Varchar (4)	Zip+4 extension		X	X
TaxPropVacancy	VACANT2	Varchar (1)	Indicates whether the physical address has been determined to be vacant by the USPS.  Y - Identified as Vacant  N - Someone living at that address  U - Unknown		X	X
<b>PROPERTY LOCATION INFORMATION</b>						
FIPSCode	FIPSCD	Varchar (5)	State + county FIPS code combination. First two digits are the state FIPS code, last three digits are the county FIPS code.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
CensusTract	PROP_CENSUSTRACT	Varchar (10)	Combination of Census Tract, Census Block, and Census Block Suffix codes.		X	
MuniName	PROP_MUNINAME	Varchar (30)	Name of the municipality in which the property is located		X	
Township	PROP_TOWNSHIPCD	Varchar (3)	The township portion of "township-range-section" geographical coordinates based on local surveys. Townships typically run north or south of pre-determined meridian in six mile intervals. (e.g., 7, 11S, 1N, 36S)		X	
Subdivision	PROP_SUBDIVISION	Varchar (30)	Indicates if the property is located in a specific subdivision, as noted in deed records.		X	
ZoningCode	PROP_ZONING	Varchar (10)	County or local zoning code		X	

Field Name	Short Name	Field Type	Description	B*	S*	U*
Range	PROP_RANGE	Varchar (3)	The "range" portion of geographical coordinates based on local surveys. Ranges typically run east or west of pre-determined meridian in six mile intervals. (e.g., 3W, 8, 89, 31E)  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	
Section	PROP_SECTION	Varchar (3)	The "Section" portion of geographical coordinates based on local surveys. Sections are 1 square mile and there are 36 sections within the intersection of a Range / Township. (e.g., 27, 40, 16, 11)		X	
LandUseCode	PROP_LANDUSE	Integer	Land use code.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
PropertyAPN	PROP_APN	Varchar (45)	Formatted assessor's parcel number (APN).	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
PropertyAPNSeqNumber	PROP_APNSEQNBR	Varchar (3)	Internal sequence number used to ensure "uniqueness" of the Assessor's Parcel Number (e.g., 10132021A seq 001)	X	X	X

---

**ADDITIONAL INFORMATION**


---

OwnerIndicator	PROP_OWNEROCC	Varchar (1)	Absentee owner indicator code.  A - Absentee(Mail And Situs Not Equal)  M - Situs Address Taken From Mail  O - Owner Occupied  S - Situs From Sale (Occupied)  T - Situs From Sale (Absentee)	X	X	X
AddressIndicator	PROP_ADDRIND	Varchar (1)	Indicates whether the property address was obtained directly from a county or local source:  M - Mailing Address  S - Local Source		X	X
CorporationCode	PROP_CORPIND	Varchar (1)	Indicates whether the property is owned by a corporation.  A property can be owned by a corporation and still be a residential property.  Y - Yes  N - No		X	X

---

Field Name	Short Name	Field Type	Description	B*	S*	U*
ResidentialZipCode	PROP_RESCD	Varchar (1)	Indicates whether the property is located in a residential zipcode:  Y - Yes N - No		X	X
<b>LandUseCondensed</b>	<b>PROP_IND</b>	Integer	Code indicating property type (condominium, commercial, etc.).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
MobileHome	PROP_MOBHOME	Varchar (1)	Indicates whether the property is a mobile home:  Y - Yes N - No		X	X
BuildingCount	PROP_NRBBLD	Integer	Total number of buildings on the property	X	X	X



Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>BuildingStyle</b>	<b>PROP_STYLE</b>	Varchar(3)	Type of building style (e.g., Colonial, Cape Code, Bungalow). Please see "BuildingStyle" table for code descriptions and/or click on the field name to view individual codes descriptions.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>BuildingStoriesCode</b>	<b>PROP_STORIESCD</b>	Varchar(3)	Type / number of stories (e.g., Split Foyer, Tri Level, 2 Story). Please see "BuildingStoriesCode" table for code descriptions and/or click on the field name to view individual codes descriptions.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
BuildingStoriesCount	PROP_STORIESNBR	Float	Number of stories. Note: Two decimal places are implied in this field. Thus, a value of 200 indicates a 2-story structure. (e.g., 2, 1.5).	X	X	X
BuildingUnitNumber	PROP_APTNBR	Varchar (10)	Number of units inside the building		X	X
BuildingQuality	PROP_QLTY	Varchar (3)	Construction quality of building: QAV - Average QBA - Below Average QVV - Above Average QPO - Poor QEX - Excellent QLU - Luxury 999 - Bypass QGO - Good QLO - Low QFA - Fair QEC - Economical		X	X
<b>BuildingType</b>	<b>PROP_BLDGCD</b>	Varchar (3)	Code indicating primary building type. (e.g., Bowling Alley, Supermarket).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>BuildingImproveType</b>	<b>PROP_BLDGIMPCD</b>	Varchar (3)	Code indicating primary improvement type.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
<b>BuildingCondition</b>	<b>PROP_COND</b>	Varchar (3)	Code indicating the physical condition of the building (e.g., Good, Fair, Under Construction). Please see "BuildingCondition" table for code descriptions and/or click on the field name to view individual codes descriptions.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>BuildingConstructType</b>	<b>PROP_CNSTRTYPE</b>	Varchar (3)	Code indicating primary method of construction (e.g., Steel / Glass, Concrete Block, Log). Please see "BuildingConstructType" table for code descriptions and/or click on the field name to view individual codes descriptions.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>BuildingExternalWallsType</b>	<b>PROP_EXTNW</b>	Varchar (3)	Code indicating type and/or finish of exterior walls. (e.g., Vinyl Siding, Brick Veneer, Frame / Stone). Please see "BuildingExternalWallsType" table for code descriptions and/or click on the field name to view individual codes descriptions.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
ReplacementCost	PROP_REPLACECALC	Bigint	The approximate cost to insurers should the property be a total loss. Replacement cost is calculated from an algorithm created in-house at Pitney Bowes, based on construction cost data received from Craftsman Book Company.		X	X
ReplacementCostConfidence	PROP_REPLACE_CONF	Varchar (10)	This is the PB Replacement Cost confidence value which defines the estimate of the correctness of replacement cost value for a property.  Possible values are:  <b>High:</b> The replacement cost calculation are 75-100% correct, based on construction cost data received from Craftsman Book Company  <b>Moderate:</b> The replacement cost calculation are 50-75% correct, based on construction cost data received from Craftsman Book Company  <b>Low:</b> The replacement cost calculation are 0-50% correct, based on construction cost data received from Craftsman Book Company		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
TotalValueCalculation	PROP_VALCALC	Bigint	The total (e.g., Land + Improvement) Value closest to current market value used for assessment by county or local taxing authorities		X	X
TotalValueIndicator	PROP_VAL_CALCIND	Varchar (1)	Type of values used to seed the total value calculated field: A - Assessed M - Market P - Appraised T - Transitional		X	X
LandValueCalculation	PROP_LAND_VALCALC	Bigint	The land value closest to current market value used for assessment by county or local taxing authorities.		X	X
LandValueIndicator	PROP_LAND_VALCALC_IND	Varchar (1)	The land value closest to current market value used for assessment by county or local taxing authorities: A - Assessed M - Market P - Appraised T - Transitional		X	X
ImproveValueCalculation	PROP_IMP_VALCALC	Bigint	The improvement value closest to current market value used for assessment by county or local tax authorities.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
ImproveValueIndicator	PROP_IMP_VALCALC_IND	Varchar (1)	The improvement value closest to current market value used for assessment by county or local taxing authorities: A - Assessed M - Market P - Appraised T - Transitional		X	X
TotalAssessedValue	PROP_ASSED_VAL	Bigint	The total assessed value of the property's land and improvement values as provided by the county or local tax/assessment authority.	X	X	X
LandAssessedValue	PROP_ASSED_LANDVAL	Bigint	The assessed land values as provided by the county or local tax/assessment authority.	X	X	X
ImproveAssessedValue	PROP_ASSED_IMPVAL	Bigint	The assessed improvement values as provided by the county or local tax/assessment authority.	X	X	X
TotalMarketValue	PROP_MRKTVAL	Bigint	Total market value of the property's land and improvement values as provided by the county or local tax/assessment authority		X	X
LandMarketValue	PROP_MRKT_LANDVAL	Bigint	Market land values as provided by the county or local tax/assessment authority.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
ImproveMarketValue	PROP_MRKT_IMPVAL	Bigint	Market improvement values as provided by the county or local tax/assessment authority.		X	X
TotalAppraisedValue	PROP_APPRAISED_VAL	Bigint	The total appraised value of the property's land and improvement values as provided by the county or local tax/assessment authority.		X	X
LandAppraisedValue	PROP_APPRAISED_LANDVAL	Bigint	The appraised land values as provided by the county or local tax/assessment authority.		X	X
ImproveAppraisedValue	PROP_APPRAISED_IMPVAL	Bigint	The appraised improvement values as provided by the county or local tax/assessment authority.		X	X
<b>PROPERTY ATTRIBUTES INFORMATION</b>						
YearBuilt	PROP_YRBLD	Varchar (4)	Year in which the building was constructed.	X	X	X
EffectiveYearBuilt	PROP_EFFYRBLD	Varchar (4)	The first year in which the building was assessed with its current components. If, for example, a building was constructed in 1960 and added to in 1974, YearBuilt would be 1960 and EffectiveYearBuilt would be 1974.		X	X



Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>BuildingView</b>	<b>PROP_VIEW</b>	Varchar (3)	Code indicating view from the building.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
<b>LocationProCon</b>	<b>PROP_LCTN_INFL</b>	Varchar (3)	Code indicating positive or negative factors associated with the location.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
FrontFeet	PROP_FRONTFT	Integer	Frontage - length of the street-facing portion of the property, in feet.	X		X
DepthFeet	PROP_DEPTHFT	Integer	Length between the front and back of the property, in feet.	X		X
LandAcres	PROP_ACRES	Float	Total land mass in acres.			X
LandSqFt	PROP_LANDSQFT	Integer	Total land area in square feet	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
UniBuildingSqFt	PROP_UNVBLDSQFT	Integer	Building square footage, used for assessments or comparables (e.g., Living, Adjusted, Gross)	X	X	X
UniBuildingSqFtCode	PROP_BLDSQFTIND	Varchar (1)	Code indicating the source used to populate the UniBuildingSqFt field:  R - GROUND FLOOR LEVEL  H - HEATED AREA  M - MAIN OR BASE AREA  B - BUILDING  A - ADJUSTED  L - LIVING  G - GROSS	X	X	X
BuildingSqFt	PROP_BLDSQFT	Integer	Area of the structure in square feet. This field is contains a cumulative total when there liveable and non-liveable areas are not differentiated.		X	X
LivingSqFt	PROP_LIVINGSQFT	Integer	Area of a building that is used for general habitation. This is typically the area of a building that is heated or air conditioned and does not include garage, porch or basement square footage		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
GroundFloorSqFt	PROP_GRDFLRSQFT	Integer	Area of the part of the building which is level with the ground (typically the front of the building). This is generally above the basement(s) and below the second floor.		X	X
GrossSqFt	PROP_GROSSSQFT	Integer	Square footage for the entire building. Typically this represents the entire area under the roof.		X	X
GrossSqFtAdjusted	PROP_ADJGROSSSQFT	Integer	Square footage used by the local assessing authority to determine improvement value. This figure is typically 100% of the living area, plus lower percentage of non-living area.		X	X
BasementSqFt	PROP_BSMTSQFT	Integer	Total square footage associated with basement portion of a building. This would include both finished and unfinished areas.		X	X
ParkingSqFt	PROP_PRKGSQ FT	Integer	Total square footage of the primary garage or parking area (e.g., commercial). This includes both finished and unfinished areas.		X	X
TotalRoomCount	PROP_RMS	Integer	Total number of rooms in the primary building.	X	X	X
BedroomCount	PROP_BEDRMS	Integer	Total number of bedrooms in the primary building.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
BathsCalculated	PROP_BATHSCALC	Float	Total number of bathrooms, expressed in whole numbers. Example: A home with 2-1/2 baths would have a value of 3 in this field, since three actual rooms were designated for this purpose.	X	X	X
BathsCount	PROP_BATHS	Float	Total number of bathrooms as provided by the data sources (e.g., 4, 2.5, 1.75).	X	X	X
FullBathsCount	PROP_FULLBATHS	Integer	Total number of full baths (typically comprised of a sink, toilet, and bathtub / shower stall). A home containing 2 - 1/2 baths would have a value of 2.		X	X
HalfBathsCount	PROP_HALFBATHS	Integer	Total number of half baths (typically comprised of a sink & toilet). A home containing 2 -1/2 baths would have a value of 1.		X	X
1QtrBathsCount	PROP_1QTRBATHS	Integer	Total number of quarter baths (typically comprised only of a sink, as found in many laundry rooms)		X	X
3QtrBathsCount	PROP_3QTRBATHS	Integer	Total number of 3 quarter baths (typically comprised of a sink, toilet & shower stall)		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
BathsFixtureCount	PROP_BATHFIXS	Integer	The total number of bathroom fixtures (Typically a full bath would have 4 fixtures. 1 sink, 1 toilet, 1 bathtub, 1 shower head)		X	X
CoolType	PROP_AC	Varchar (3)	Code indicating the type of air conditioning used in the building.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
BasementType	PROP_BSMTF	Varchar (3)	Code indicating the type of basement. (e.g., Finished, Half, Crawl).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
Fireplace	PROP_FRPL	Varchar (1)	Indicates if a fireplace is located in the building.	X	X	X
FireplaceCount	PROP_FRPLNBR	Integer	The number of fireplace openings located within the building.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
FireplaceType	PROP_FRPLTYPE	Varchar (3)	Code indicating the type of fireplace(s) in the building.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
FoundationType	PROP_FND	Varchar (3)	Code indicating the type of foundation. (e.g., Continuous Footing, Pier, Mud Sill).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
FlooringType	PROP_FLR	Varchar (3)	Code indicating the type of floor construction. (e.g., Concrete, Plywood).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>FramingType</b>	<b>PROP_FRAME</b>	Varchar (3)	Code indicating the type of roof framing used in the structure. (e.g., Bar Joist, Reinforced Concrete, Flexicore).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
<b>GarageType</b>	<b>PROP_GAR</b>	Varchar (3)	Code indicating type of garage or carport.(e.g., Attached Finished, Enclosed Carport, Basement Garage).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>HeatType</b>	<b>PROP_HEAT</b>	Varchar (3)	Code indicating type of heating system. (e.g., Hot Water, Heat Pump, Baseboard, Radiant).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
ParkingCapacity	PROP_PRKGSPACES	Integer	Total number of parking spaces or car capacity associated with the garage or parking type.	X	X	X
<b>ParkingType</b>	<b>PROP_PRKGTYPE</b>	Varchar (3)	Code indicating the type of parking found on the property, typically in communal properties, such as apartments or condominiums, or commercial buildings.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
Pool	PROP_POOL	Varchar (1)	Indicates if pool is present.	X	X	X



Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>PoolType</b>	<b>PROP_POOLCD</b>	Varchar (3)	Code indicating the type of pool construction and amenities. (e.g., Kidney, Gunite, Vinyl, Jacuzzi, Heated).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
<b>RoofCover</b>	<b>PROP_ROOFCOVER</b>	Integer	Code indicating the type of roof covering. (e.g., Clay Tile, Aluminum, Shake).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>RoofShape</b>	<b>PROP_ROOFTYPE</b>	Varchar (3)	Code indicating roof shape. (e.g., Gambrel, Gable, Flat, Mansard).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>EnergyType</b>	<b>PROP_ENERGY</b>	Varchar (3)	Code indicating type of electrical service in the building.(e.g., Average Wiring, Underground Wired, Private Source).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
<b>FuelType</b>	<b>PROP_FUEL</b>	Varchar (3)	Code indicating type of heating fuel used. (e.g., Solar, Gas, Oil).  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.		X	X
<b>SewerType</b>	<b>PROP_SEWER</b>	Varchar (3)	Type of sewer system: 0 - None 999 - Bypass SPU - Public SCE - Cesspool SSE - Septic SPR - Private STR - Storm SCO - Commercial		X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
WaterType	PROP_WATER	Varchar (3)	Type of water service: 0 - None 999 - Bypass WPU- Public WSC - Spring/Creek WWE - Well WPR - Private WCO - Commercial WPW - Public Well WCI - Cistern		X	X
RecordLastUpdate	PROP_LASTUPDATE	Date	Date that property information was last updated.	X	X	X
<b>ASSESSOR/DEED INFORMATION</b>						
HomesteadExemption	PROP_HOMESTEAD	Varchar (1)	Indicates if the owner qualifies for a homeowner or homestead exemption.			X
VeteranExemption	PROP_XMTVET	Varchar (10)	Indicates whether the owner has a combat veteran exemption.			X
DisabledExemption	PROP_XMT_DISABLED	Varchar (10)	Indicates if the owner has a disability exemption.			X
TaxBillAmount	PROP_TAXAMT	Decimal(12)	The Total amount of the tax bill, provided by the county or local tax/assessment authority.			X
TaxBillYear	PROP_TAXYR	Varchar (4)	The tax or assessment year for which the taxes were billed.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
SaleDocumentYear	PROP_DOCYR	Varchar (4)	The year a sales transaction document was recorded.			X
SaleDeedType	PROP_SALESDEEDCD	Varchar (1)	The type of deed used to record the sales transaction: U - Foreclose Q - Quit Claim X - Multi CNTY/ST or Open-End-MTG T - Deed of Trust G - Deed D - Release of Deed of Trust/MTG F - Final Judgement J - Mechanic Liens L - Lis Pendens N - Notice of Default R - Release/Recision S - Loan Assignment			X
SaleTransactionDate	PROP_RECDATE	Date	The date the sales transaction was recorded by the county.			X
SellerName	PROP_SELLERNAME	Varchar (60)	The seller's name as it appears on the recorded sales transaction.	X		X
SaleDate	PROP_SALEDATE	Date	Date the sales transaction was legally completed - YYYYMMDD	X		X
SaleAmount	PROP_SALEAMT	Bigint	Sale prices as shown in the recorded sales transaction.	X		X

Field Name	Short Name	Field Type	Description	B*	S*	U*
SaleFinancialCode	PROP_SALECD	Varchar (1)	Financial consideration code: V - Verified R - Lease P - Sale Price (Partial) C - Confirmed N - Stamps on Back/Non-Disclosed F - Sale Price (Full) E - Estimated L - Committed			X
SaleParcelType	PROP_APNCD	Varchar (1)	Indicates multiple or split parcel sales: D - MULTI / DETAIL PARCEL SALE M - MULTIPLE PARCEL SALE X - MULTI / SPLIT PARCEL SALE S - SPLIT PARCEL SALE			X
SaleParcelCount	PROP_APNCNT	Integer	Number of parcels associated with the sale (e.g., 14 parcels recorded on the same document number)			X
SaleLastAssessedYear	PROP_ASMTYR	Varchar (4)	Year of last assessment of property by the county.	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
SaleTransactionType	PROP_SALESTRANSCD	Varchar (2)	Identifies situations associated with the sale: 1 - Resale 2 - Refinance 3 - Subdivision/new construction 4 - Timeshare 6 - Construction Loan 7 - Seller Carryback 9 - Nominal D - Release of Deed S - Assignment of Deed of Trust			X
<b>PRIOR SALE INFORMATION</b>						
PriorTransactionDate	PROP_RECDATE_PRIOR	Date	The date the sales transaction was recorded at the county.			X
PriorCompletedDate	PROP_SALEDATE_PRIOR	Date	Date the sales transaction was legally completed.			X
PriorAmount	PROP_SALEAMT_PRIOR	Bigint	Price of the sale as depicted on the recorded sales transaction.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
PriorFinancialCode	PROP_SALECD_PRIOR	Varchar (1)	Financial consideration code, associated with prior sale: V - Verified R - Lease P - Sale Price (Partial) C - Confirmed N - Stamps on Back/Non-Disclosed F - Sale Price (Full) E - Estimated L - Committed			X
PriorParcelType	PROP_APNCD_PRIOR	Varchar (1)	Indicates multiple or split parcel sales: D - MULTI / DETAIL PARCEL SALE M - MULTIPLE PARCEL SALE X - MULTI / SPLIT PARCEL SALE S - SPLIT PARCEL SALE			X
PriorDeedCode	PROP_DEEDCD_PRIOR	Varchar (2)	Code indicating type of deed used for recording.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
PriorDocumentYear	PROP_DOCYR_PRIOR	Varchar (4)	The year a sales transaction document was recorded.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
PriorDeedType	PROP_DEEDTYPE_PRIOR	Varchar (1)	Code indicating the type of deed used to record the prior transaction.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
PriorTransactionType	PROP_SALESTRANSCD_PRIOR	Varchar (3)	Identifies situations associated with the sale:  1 - Resale 2 - Refinance 3 - Subdivision/new construction 4 - Timeshare 6 - Construction Loan 7 - Seller Carryback 9 - Nominal D - Release of Deed S - Assignment of Deed of Trust			X
PriorMortgageAmount	PROP_MTGAMT_PRIOR	Bigint	Mortgage amount associated with the mortgage of the prior sale.			X

---

**MORTGAGE INFORMATION**


---



Field Name	Short Name	Field Type	Description	B*	S*	U*
<b>OwnerType</b>	<b>PROP_OWNERCD</b>	Varchar (3)	Code indicating type of ownership terms.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
SellerCarryBack	PROP_SELLCARRYBACK	Varchar (1)	Indicates if seller provided any part of the financing.			X
MortgageTitleCompany	PROP_TITLECOMPANY	Varchar (60)	Title company			X
MortgageLoanToValue	PROP_LOANTOVAL	Integer	Loan-to-value ratio, if provided.			X
MortgageAmount	PROP_MTGAMT	Bigint	Mortgage amount, in US dollars.			X
MortgageDate	PROP_MTGDATE	Date	Date Mortgage was initiated.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageType	PROP_MTGLOANCD	Varchar (5)	Type of Mortgage: WRP - Wrap-Around Mortgage VA - Veterans Affairs FHA - Federal Housing Administration CNV - Conventional SBA - Small Business Administration PP - Private Party Lender CDA - Community Development Authority CNS - Construction LH - Lease Hold Mortgage PMM - Purchase Money Mortgage			X
<b>MortgageDeed</b>	<b>PROP_MTGDEEDCD</b>	Varchar (6)	Code indicating the type of mortgage deed.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm	PROP_MTGTERM	Integer	Length of mortgage term.			X
MortgageDueDate	PROP_MTGDUEDATE	Date	Date on which the mortgage becomes due.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageAssumeAmount	PROP_MTGASSUMPTIONAMT	Integer	Amount of any prior mortgage that was rolled into, and assumed by, the current mortgage.			X
MortgageLenderName	PROP_LENDERNAME	Varchar (60)	Name of mortgage lender			X
MortgageRefinance	PROP_MTGREFICD	Varchar (1)	Indicates if transaction was a refinance of an existing mortgage. Y - Yes T - Trust			X
MortgageEquity	PROP_RMSEQUITYCD	Varchar (1)	Indicates if equity in property was acknowledged.			X
MortgageIntRate	PROP_MTGINTRATE	Float	Mortgage interest rate			X
MortgageIntRateType	PROP_MTGINTRATETYPE	Varchar (3)	Mortgage rate type: FIX - Fixed ADJ - Adjustable VAR - Variable BAL - Balloon			X
MortgageAmount2	PROP_MTGAMT2	Bigint	Amount of second mortgage			X
MortgageDate2	PROP_MTGDATE2	Date	Date on which second Mortgage was initiated.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageType2	PROP_MTGLOANCD2	Varchar (5)	Indicates type of second mortgage: WRP - Wrap-Around Mortgage VA - Veterans Affairs FHA - Federal Housing Administration CNV - Conventional SBA - Small Business Administration PP - Private Party Lender CDA - Community Development Authority CNS - Construction LH - Lease Hold Mortgage PMM - Purchase Money Mortgage			X
<b>MortgageDeed2</b>	<b>PROP_MTGDEEDCD2</b>	Varchar (6)	Code indicating type of deed used to record second mortgage.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm2	PROP_MTGTERM2	Integer	Term of second mortgage. (e.g., 15 years, 30 years, etc)			X
MortgageDueDate2	PROP_MTGDUEDATE2	Date	Due date of second mortgage			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageAssumeAmt2	PROP_MTGASSUMPTIONAMT2	Integer	Amount that was assumed by, and rolled into, second mortgage.			X
MortgageLenderName2	PROP_LENDERNAME2	Varchar (60)	Lender for second mortgage			X
MortgageRefinance2	PROP_MTGREFICD2	Varchar (1)	Indicates if second mortgage was a refinance of an existing mortgage. Y - Yes T - Trust			X
MortgageEquity2	PROP_RMSEQUITYCD2	Varchar (1)	Indicates if equity in property was acknowledge in second mortgage.			X
MortgageIntRate2	PROP_MTGINTRATE2	Float	Interest rate of second mortgage			X
MortgageIntRateType2	PROP_MTGINTRATETYPE2	Varchar (3)	Mortgage rate type 2: FIX - Fixed ADJ - Adjustable VAR - Variable BAL - Balloon			X
MortgageAmount3	PROP_MTGAMT3	Bigint	Amount of third mortgage			X
MortgageDate3	PROP_MTGDATE3	Date	Date third mortgage was initiated			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageType3	PROP_MTGLOANCD3	Varchar (5)	Indicates type of third mortgage: WRP - Wrap-Around Mortgage VA - Veterans Affairs FHA - Federal Housing Administration CNV - Conventional SBA - Small Business Administration PP - Private Party Lender CDA - Community Development Authority CNS - Construction LH - Lease Hold Mortgage PMM - Purchase Money Mortgage			X
MortgageDeed3	PROP_MTGDEEDCD3	Varchar (6)	Code indicating type of deed used to record third mortgage.  <b>Note:</b> For detailed code description refer to the spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm3	PROP_MTGTERM3	Integer	Term of third mortgage			X
MortgageDueDate3	PROP_MTGDUEDATE3	Date	Date on which third mortgage becomes due.			X
MortgageAssumeAmt3	PROP_MTGASSUMPTIONAMT3	Integer	Amount that was assumed by, and rolled into, third mortgage.			X

Field Name	Short Name	Field Type	Description	B*	S*	U*
MortgageLenderName3	PROP_LENDERNAME3	Varchar (60)	Lender of third mortgage			X
MortgageRefinance3	PROP_MTGREFICD3	Varchar (1)	Indicates if third mortgage was a refinance of an existing mortgage: Y - Yes T - Trust			X
MortgageEquity3	PROP_RMSEQUITYCD3	Varchar (1)	Indicates if equity in property was acknowledged in third mortgage			X
MortgageIntRate3	PROP_MTGINTRATE3	Float	Interest rate of third mortgage			X
MortgageIntRateType3	PROP_MTGINTRATETYPE3	Varchar (3)	Mortgage rate type 3: FIX - Fixed ADJ - Adjustable VAR - Variable BAL - Balloon			X
<b>PARCEL INFORMATION</b>						
ParcelAPN	PARCEL_APN	Varchar (45)	Assessor's parcel number. May be the same or a reformatted version of the PROP_APN also provided.	X	X	X
DupeQTY	DUPE_QTY	Integer	Number of records associated with the unique pbKey	X	X	X

Field Name	Short Name	Field Type	Description	B*	S*	U*
DupeUniqueFlag	UNIQUE_FLAG	Char (1)	<p>U – Indicates that the pbKey is Unique</p> <p>S – Indicates that the records is the Survivor record of a duplicate group, and is present in the GEM data and the duplicates file</p> <p>D – Indicates a Duplicate record, and is present only in the duplicates file.</p>	X	X	X

## Historical Sales Data Fields

This section describes the output fields that are returned for each Property Attributes dataset. For more details and for highlighted field names, refer to the Property Attributes Historical Sales Data spreadsheet that is provided with your Property Attributes dataset download.

Field Name	Short Name	Field Type	Description
Pbkey	PBKEY	Char (17)	Proprietary persistent unique lookup key that ties to the Pitney Bowes Master Location Dataset.
LinkID	LINKID	varchar (50)	ID to link to the property attributes historical sales dataset



Field Name	Short Name	Field Type	Description
PropOwnerType	RECTYPE	varchar (1)	If the value is B, indicates that a business owns the property; otherwise, the value is R.  R - Residential B - Business  *NOTE: This field does not indicate if the property is residential or commercial.
BusinessType	BUSINESS	varchar (255)	Business name
OwnerFirstName	FNAME	varchar (50)	First name of the property owner
OwnerMiddleName	MNAME	varchar (50)	Middle name of the property owner
OwnerLastName	LNAME	varchar (50)	Last name of the property owner
OwnerSuffix	SUFFIX	varchar (10)	Generational suffix such as, Jr., Sr., I, II, etc
OwnerGender	GENDER	varchar (1)	Gender of the owner: M - Male F - Female
OwnerDOB	DOB	varchar (8)	Date of birth of the owner.
<b>PHYSICAL PROPERTY ADDRESS INFORMATION</b>			
PropAddressFull	ADDRESS	varchar (64)	Full address for the physical location of the property
PropHouseNumber	HOUSE	varchar (10)	House number
PropStreetPreDir	PREDIR	varchar (2)	Street directional prefix such as, N, S, E, W, NE, SE, NW, SW

Field Name	Short Name	Field Type	Description
PropStreetName	STREET	varchar (28)	Street name. May also be a post office (PO) box number, rural route (RR) number, or highway contract (HC) box number.
PropStreetSuffix	STRTYPE	varchar (4)	Street suffix: ST, AVE, PL, BLVD, PKWY, etc.
PropStreetPostDir	POSTDIR	varchar (2)	Street directional extension: N, S, E, W, NE, SE, NW, SW
PropUnitType	APPTYPE	varchar (4)	Unit designator: Apt, Unit, etc
PropUnitNumber	APTNR	varchar (8)	Unit number
PropCity	CITY	varchar (28)	City name
PropState	STATE	varchar (2)	State abbreviation
PropZip	ZIP	varchar (5)	Zip Code
PropZip4	Z4	varchar (4)	Zip+4 extension
PropVacancy	VACANT	varchar (1)	Indicates whether the physical address has been determined to be vacant by the USPS.  Y - Identified as vacant  N - Someone living at that address
<b>HISTORICAL SALE INFORMATION</b>			
SaleAmount	PROP_SALEAMT	Float	Price of the sale as depicted on the recorded sales transaction

Field Name	Short Name	Field Type	Description
MortgageLenderName	PROP_LENDERNAME	varchar (60)	Name of the mortgage lender
MortgageAmount	PROP_MTGAMT	bigint	Mortgage amount, in US dollars.
SaleTransactionDate	PROP_RECDATE	varchar (8)	The date the sales transaction was recorded by the county.
TaxBillAmount	PROP_TAXAMT	Decimal (11,2)	The Total amount of the tax bill, provided by the county or local tax/assessment authority.
TaxBillYear	PROP_TAXYR	varchar (4)	The tax or assessment year for which the taxes were billed.
TotalAssessedValue	PROP_ASSED_VAL	Bigint	The total assessed value of the property's land and improvements as provided by the county or local taxing/assessment authority (2 implied decimals)

# 3 - Frequently Asked Questions

In this section

---

FAQs

53

## FAQs

1. How often do you gather data?
  - Data is generally collected monthly. The timing depends on each jurisdiction's assessment process.
2. What information does the PropOwnerType field contain?
  - This field indicates if the owner of a property is a business (including trusts) or a private individual. It does not indicate whether the property is a commercial or residential property.
3. Is there a list of zoning codes contained in the ZoningCode field?
  - No. Each jurisdiction develops its own zoning codes, so there are literally thousands of values. We present these codes as-is; they are not cleansed during standardization.
4. What information is displayed in the TaxBillAmount field?
  - This field shows the amount of property tax due for the year in the TaxBillYear field.
5. Is the fact that the TaxBillYear field doesn't show a current year concerning?
  - No. Some jurisdictions do not assess annually. This field may show a non-current year and the data is still accurate.
6. What information is shown in the LandUseCode field?
  - This field contains a detailed list of the purposes for which land can be used or what structures can be built on it.
7. What data does the LandUseCondensed field contain?
  - This field contains a categorization of what is currently on the land.
8. In what cases are alternative addresses used?
  - In the majority of cases, the property address and the address to which a tax bill is sent will be one and the same. Instances where an alternate address is present in the record include, but are not limited to the property being a secondary residence that the owner does not occupy most of the time, or if the property has multiple owners who reside at different addresses.
9. Why are addresses missing from some records?
  - Address fields may be blank for certain property types, such as fields, alleyways, undeveloped subdivisions, or vacant land. Also, some jurisdictions may not assign a street address to a property until a building permit is issued for the property.
10. What does VACANT stand for in address field?

- In terms of vacancy, sometimes the primary location will not have information if it is a vacant property or not, depending on the type of land; there may be they have a much clearer idea of whether the alternate address is vacant or not because of the tax bill being sent there (also ~95% is not vacant).

11. How is a value in the LandAssessedValue field calculated?

- Total assessed value is gathered from over 3,000 assessors' offices across the US. The value in this field is a combination of the parcel's land and improvement values, as provided by the local tax/assessment authority. Infutor does not calculate this field.

12. What information is contained in the HeatType field?

- This field indicates the type of heat used in a building. Some assessors are more specific than others and may include more than just basic information.

13. What information is presented in the CorporationCode field?

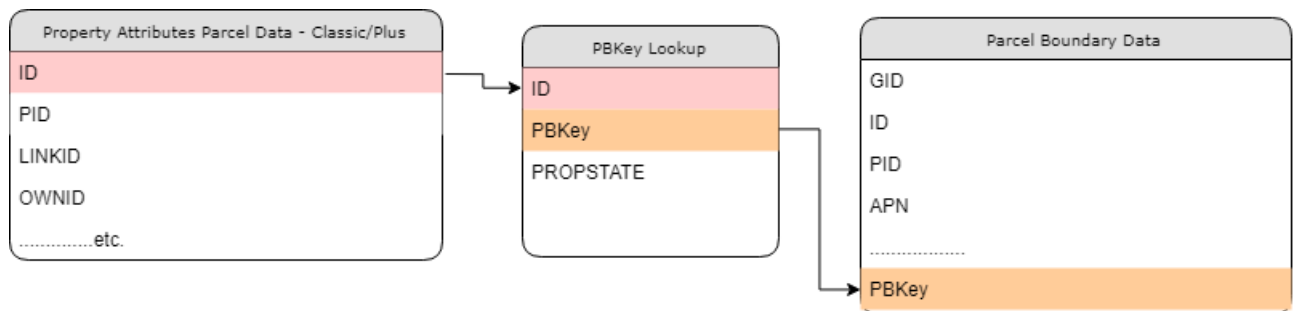
- The code in this field indicates whether a property is owned by a corporation. It does not indicate the nature of the property. A property may be owned by a corporation and be a residential property.

14. What information does the ResidentialZipCode field contain?

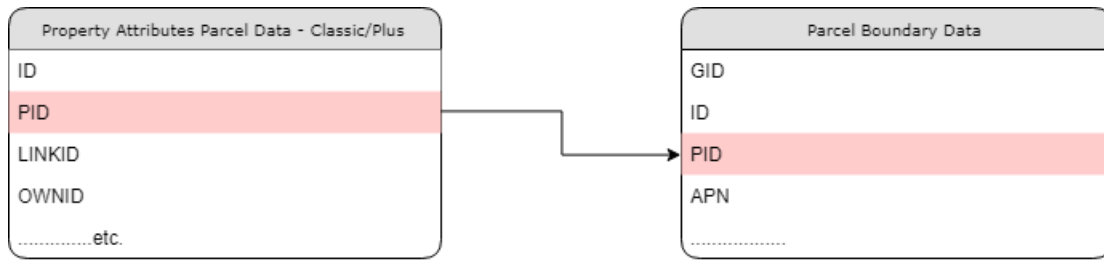
- This field indicates whether a particular property's boundaries lie within the boundaries of a residential ZIP code.

15. How the linkage between Property Attributes Parcels and Parcel Boundary data with the PBKey Lookup table works?

- The linkage in this scenario is explained by the following diagram:



- A pbKey™ may not be present in some records. In that case you can directly link those records using the PID field present in both Property Attributes Parcel and Parcel Boundary data, as shown below:



# Notices



© 2019 Pitney Bowes Software Inc. All rights reserved. MapInfo and Group 1 Software are trademarks of Pitney Bowes Software Inc. All other marks and trademarks are property of their respective holders.

### *USPS® Notices*

Pitney Bowes Inc. holds a non-exclusive license to publish and sell ZIP + 4® databases on optical and magnetic media. The following trademarks are owned by the United States Postal Service: CASS, CASS Certified, DPV, eLOT, FASTforward, First-Class Mail, Intelligent Mail, LACS<sup>Link</sup>, NCOA<sup>Link</sup>, PAVE, PLANET Code, Postal Service, POSTNET, Post Office, RDI, Suite<sup>Link</sup>, United States Postal Service, Standard Mail, United States Post Office, USPS, ZIP Code, and ZIP + 4. This list is not exhaustive of the trademarks belonging to the Postal Service.

Pitney Bowes Inc. is a non-exclusive licensee of USPS® for NCOA<sup>Link</sup>® processing.

Prices for Pitney Bowes Software's products, options, and services are not established, controlled, or approved by USPS® or United States Government. When utilizing RDI™ data to determine parcel-shipping costs, the business decision on which parcel delivery company to use is not made by the USPS® or United States Government.

### *Data Provider and Related Notices*

Data products contained on this media and used within Pitney Bowes Software applications are protected by various trademarks and by one or more of the following copyrights:

- © Copyright United States Postal Service. All rights reserved.
- © 2014 TomTom. All rights reserved. TomTom and the TomTom logo are registered trademarks of TomTom N.V.
- © 2016 HERE
- Fuente: INEGI (Instituto Nacional de Estadística y Geografía)
- Based upon electronic data © National Land Survey Sweden.
- © Copyright United States Census Bureau
- © Copyright Nova Marketing Group, Inc.
- Portions of this program are © Copyright 1993-2007 by Nova Marketing Group Inc. All Rights Reserved
- © Copyright Second Decimal, LLC
- © Copyright Canada Post Corporation
- This CD-ROM contains data from a compilation in which Canada Post Corporation is the copyright owner.
- © 2007 Claritas, Inc.

The Geocode Address World data set contains data licensed from the GeoNames Project ([www.geonames.org](http://www.geonames.org)) provided under the Creative Commons Attribution License ("Attribution

License") located at <http://creativecommons.org/licenses/by/3.0/legalcode>. Your use of the GeoNames data (described in the LUCA User Manual) is governed by the terms of the Attribution License, and any conflict between your agreement with Pitney Bowes Software, Inc. and the Attribution License will be resolved in favor of the Attribution License solely as it relates to your use of the GeoNames data.

# Product Support

If you have any questions or concerns, you may contact our support or fulfillment team directly by phone or email:

## *Software Support*

Call: 1.800.367.6950

Email - [software.support@pb.com](mailto:software.support@pb.com)

Email - [pbs\\_fulfillment@pb.com](mailto:pbs_fulfillment@pb.com) for issues related to order fulfillment

## *Technical Support*

- Visit: <https://www.pitneybowes.com/us/support.html>

## *Global Contact*

For global contacts information on different software solution products kindly visit the link shared below:

<https://www.pitneybowes.com/us/contact-dcs.html>



3001 Summer Street  
Stamford CT 06926-0700  
USA

[www.pitneybowes.com](http://www.pitneybowes.com)