

# Spectrum™ Technology Platform

Version 12.0 SP2

Property GeoEnrichment Database Guide



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# 1 - Introduction

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Database Descriptions

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## Database Descriptions

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 the following four versions:

Database Name	Description
<ul style="list-style-type: none"> <li>• <b>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>Property Attributes - Standard</b></li> </ul>	Expands the 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>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>Property Attributes - Historical Sales</b></li> </ul>	Provides sales history from the year 2000 to present on the properties in the United States.

# 2 - Data Layouts

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## Property Attributes Data

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.

### Duplicate Data Handling

Addresses with duplicate pbKey values are delivered in a separate tab 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.

Short names for field names are defined below.

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

Field Name	Short Name	Length	Description	B*	S*	U*
PbKey	PBKEY	Char (17)	Proprietary unique lookup key that ties to the Pitney Bowes Address Fabric dataset.	X	X	X
LinkID	LinkID	varchar (50)	ID to Link to 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 owner of the property	X	X	X
OwnerMiddleName	MNAME	Varchar (50)	Middle name of the owner of the property	X	X	X
OwnerLastName	LNAME	Varchar (50)	Last name of the owner of the property	X	X	X
OwnerSuffix	SUFFIX	Varchar (10)	Jr., Sr., I, II, etc	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
Owner2FirstName	FNAME2	Varchar (50)	First name of the second owner of the property	X	X	X
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)	Jr., Sr., I, II, etc	X	X	X
BusinessName	BUSNAME	Varchar (255)	Name of the Business owner of the property	X	X	X
PropOwnerType	RECTYPE	Varchar (1)	Defines whether a residence or business owns the property. R - Residential B - Business *NOTE: This does not represent 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
PropStreetPreDir	PREDIR	Varchar (2)	Street Pre Directional: N, S, E, W, NE, etc	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
PropStreetName	STREET	Varchar (28)	Street Name or Post Office (PO) Box name, or Rural Route (RR) # Box name, or Highway Contract (HC) # Box name	X	X	X
PropStreetSuffix	STRTYPE	Varchar (4)	Physical Street Suffix: ST, AVE, PL, BLVD, PKWY, etc	X	X	X
PropStreetPostDir	POSTDIR	Varchar (2)	Street Post Direction: N, S, E, W, NE, etc	X	X	X
PropUnitType	APTTYPE	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 Code	X	X	X
PropVacancy	VACANT	Varchar (1)	Vacant: Whether the physical address is determined to be Vacant by USPS. Y - Identified as Vacant N - Someone living at that address		X	X



Field Name	Short Name	Length	Description	B*	S*	U*
PropCategory	PROP_CAT	Varchar (1)	A code to easily identify 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 PreDirectional: N, S, E, W, NE, etc		X	X
TaxPropStreetName	STREET2	Varchar (28)	Street Name or PO Box name, or RR # Box name, or HC # Box name		X	X
TaxPropStreetSuffix	STRTYPE2	Varchar (4)	Physical Street Suffix: ST, AVE, PL, BLVD, PKWY, etc		X	X
TaxPropStreetPostDir	POSTDIR2	Varchar (2)	Street Post Direction: N, S, E, W, NE, etc		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

Field Name	Short Name	Length	Description	B*	S*	U*
TaxPropState	STATE2	Varchar (2)	State Abbreviation		X	X
TaxPropZip	ZIP2	Varchar (5)	Zip Code		X	X
TaxPropZip4	Z42	Varchar (4)	Zip+4 Code		X	X
TaxPropVacancy	VACANT2	Varchar (1)	Vacant: Whether the physical address is determined to be Vacant by USPS. Y - Identified as Vacant N - Someone living at that address		X	X
<b>Property Location Information</b>						
FIPSCode	FIPSCD	Varchar (5)	Federal Information Processing Standards codes used nationally to numerically identify a specific county or political jurisdiction. First 2 pos - Numeric State Code, Last 3 pos - County Code	X	X	X
CensusTract	PROP_CENSUSTRACT	Varchar (10)	Comprised of Census Tract, Census Block and Census Block Suffix. These numbers are established by the US Department of Commerce (Bureau Of The Census)		X	
MuniName	PROP_MUNINAME	Varchar (30)	Municipality name of where property is located		X	

Field Name	Short Name	Length	Description	B*	S*	U*
Township	PROP_TOWNSHIPCD	Varchar (3)	The "Township" portion of 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)	If the property is in a specific subdivision so noted on deed recordings; used for 'look ups' etc on advanced search within some counties			X
ZoningCode	PROP_ZONING	Varchar (10)	The data contained in this field is based upon County and/or Local established Zoning Codes. (e.g., R, PD, R2, RM15)		X	
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 Excel® spreadsheet provided with your Property Attributes dataset download.			X

Field Name	Short Name	Length	Description	B*	S*	U*
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	
<b>LandUseCode</b>	<b>PROP_LANDUSE</b>	Integer	A Land Use code converted from various county Land Use codes to aid in search and extract functions. (e.g., 112, 138, 100, 102). Please see "LandUseCode" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
PropertyAPN	PROP_APN	Varchar (45)	Assessor's Parcel Number in a formatted form. Dashes and decimals are commonly used to break an APN down into logical components (e.g., 101-32-021.A)	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
PropertyAPNSeqNumber	PROP_APNSEQNBR	Varchar (3)	Internal sequence number used to ensure "unique-ness" of the Assessor's Parcel Number (e.g., 10132021A seq 001)	X	X	X
<b>Additional Information</b>						
OwnerIndicator	PROP_OWNEROCC	Varchar (1)	Absentee Owner Indicator Code Descriptions: 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 was obtained directly from a county or local source: M - Mailing Address S - Local Source		X	X
CorporationCode	PROP_CORPIND	Varchar (1)	Code to indicate 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
ResidentialZipCode	PROP_RESCD	Varchar (1)	Code to indicate whether the property is located in a residential zipcode: Y - Yes N - No		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
LandUseCondensed	PROP_IND	Integer	A general code used to easily recognize specific property types (e.g, Residential, Condominium, Commercial). Please see "LandUseCondensed" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X
MobileHome	PROP_MOBHOME	Varchar (1)	Code to indicate 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	Length	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 Excel® 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
BuildingStoriesCount	PROP_STORIESNBR	Float	Number of stories associated with the building (e.g., 2, 1.5).	X	X	X
BuildingUnitNumber	PROP_APTNBR	Varchar (10)	Number of units inside the building		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
BuildingQuality	PROP_QLTY	Varchar (3)	Type of 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)	The primary building type (e.g., Bowling Alley, Supermarket). Please see "BuildingType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X



Field Name	Short Name	Length	Description	B*	S*	U*
<b>BuildingImproveType</b>	<b>PROP_BLDGIMPCD</b>	Varchar (3)	The primary improvement type (e.g., Grain Silo, Hanger, Marina). Please see "BuildingImproveType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X
<b>BuildingCondition</b>	<b>PROP_COND</b>	Varchar (3)	This represents 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>BuildingConstructType</b>	<b>PROP_CNSTRTYPE</b>	Varchar (3)	The 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>BuildingExternalWallsType</b>	<b>PROP_EXTNW</b>	Varchar (3)	The type and/or finish of the 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Length	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
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 taxing authorities		X	X

Field Name	Short Name	Length	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 & Improvement values as provided by the county or local taxing/assessment authority	X	X	X
LandAssessedValue	PROP_ASSED_LANDVAL	Bigint	The Assessed Land Values as provided by the county or local taxing/assessment authority	X	X	X
ImproveAssessedValue	PROP_ASSED_IMPVAL	Bigint	The Assessed Improvement Values as provided by the county or local taxing/assessment authority	X	X	X
TotalMarketValue	PROP_MRKTVAL	Bigint	Total Market Value of the property's Land & Improvement values as provided by the county or local taxing/assessment authority		X	X
LandMarketValue	PROP_MRKT_LANDVAL	Bigint	Market Land Values as provided by the county or local taxing/assessment authority		X	X
ImproveMarketValue	PROP_MRKT_IMPVAL	Bigint	Market Improvement Values as provided by the county or local taxing/assessment authority		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
TotalAppraisedValue	PROP_APPRAISED_VAL	Bigint	The Total Appraised Value of the property's Land & Improvement values as provided by the county or local taxing/assessment authority		X	X
LandAppraisedValue	PROP_APPRAISED_LANDVAL	Bigint	The Appraised Land Values as provided by the county or local taxing/assessment authority		X	X
ImproveAppraisedValue	PROP_APPRAISED_IMPVAL	Bigint	The Appraised Improvement Values as provided by the county or local taxing/assessment authority		X	X
<b>Property Attributes Information</b>						
YearBuilt	PROP_YRBLD	Varchar (4)	Original Year Building Construction - YYYY	X	X	X
EffectiveYearBuilt	PROP_EFFYRBLD	Varchar (4)	This is the first year the building was assessed with its current components (e.g., YYYY, a building is originally constructed in 1960 and a bedroom and bath was added to the building in 1974. The Year Built would be 1960 and the Effective Year Built would be 1974)		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>BuildingView</b>	<b>PROP_VIEW</b>	Varchar (3)	View from building (e.g., Gulf, Mountains, Pool). Please see "BuildingView" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
<b>LocationProCon</b>	<b>PROP_LCTN_INFL</b>	Varchar (3)	Positive or negative aspects associated with the location of the property (e.g., waterfront, flood plane, airport). Please see "LocationProCon" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
FrontFeet	PROP_FRONTFT	Integer	The linear feet across the front of the lot - facing the street		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
DepthFeet	PROP_DEPTHFT	Integer	The linear feet between the front and back of the lot		X	X
LandAcres	PROP_ACRES	Float	Total land mass in Acres.			X
LandSqFt	PROP_LANDSQFT	Integer	Total land mass is Square Feet	X	X	X
UniBuildingSqFt	PROP_UNVBLDSQFT	Integer	The Building Square Footage that can most accurately be used for assessments or comparables (e.g., Living, Adjusted, Gross)	X	X	X
UniBuildingSqFtCode	PROP_BLDSQFTIND	Varchar (1)	The codes appearing in this field indicate the source used to populate the Universal Building Square Feet 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	The size of the building in Square Feet. This field is most commonly populated as a cumulative total when a county does not differentiate between Living and Non-living areas		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
LivingSqFt	PROP_LIVINGSQFT	Integer	Area of a building that is used for general living. 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
GroundFloorSqFt	PROP_GRDFLRSQFT	Integer	Square footage 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 all square feet under the roof		X	X
GrossSqFtAdjusted	PROP_ADJGROSSSQFT	Integer	Square footage used by the county or local taxing / assessment 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



Field Name	Short Name	Length	Description	B*	S*	U*
TotalRoomCount	PROP_RMS	Integer	Total number of rooms contained in the primary building	X	X	X
BedroomCount	PROP_BEDRMS	Integer	Total number of bedrooms contained in the primary building	X	X	X
BathsCalculated	PROP_BATHSCALC	Float	Total number of Bathrooms in whole numbers (e.g., a home containing 2 1/2 baths would have the number 3 stored in this field as, three actual rooms have been designated for this purpose). (e.g., 2, 3, 4)	X	X	X
BathsCount	PROP_BATHS	Float	Total number of Bathrooms as provided by our 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 the number 2 stored in this field		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 the number 1 stored in this field		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

Field Name	Short Name	Length	Description	B*	S*	U*
3QtrBathsCount	PROP_3QTRBATHS	Integer	Total number of 3 Quarter Baths (typically comprised of a sink, toilet & shower stall)		X	X
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
<b>CoolType</b>	<b>PROP_AC</b>	Varchar (3)	The type of air conditioning method used to cool the building (e.g., Central, Wall Unit, Evaporative). Please see "CoolType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>BasementType</b>	<b>PROP_BSMTF</b>	Varchar (3)	The type of basement found in the building (e.g., Finished, Half, Crawl). Please see "BasementType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
Fireplace	PROP_FRPL	Varchar (1)	Y - Fireplace is located within the building	X	X	X
FireplaceCount	PROP_FRPLNBR	Integer	This represent the number of fireplace openings located within the building		X	X
<b>FireplaceType</b>	<b>PROP_FRPLTYPE</b>	Varchar (3)	The type of fireplace (e.g., 2 Story / 3 Openings, 2 Story Brick). Please see "FireplaceType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>FoundationType</b>	<b>PROP_FND</b>	Varchar (3)	The type of foundation (e.g., Continuous Footing, Pier, Mud Sill). Please see "FoundationType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>FlooringType</b>	<b>PROP_FLR</b>	Varchar (3)	The type of floor construction (e.g., Concrete, Plywood). Please see "FlooringType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>FramingType</b>	<b>PROP_FRAME</b>	Varchar (3)	The type of roof framing used (e.g., Bar Joist, Reinforced Concrete, Flexicore). Please see "FramingType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X
<b>GarageType</b>	<b>PROP_GAR</b>	Varchar (3)	Type of garage or carport present (e.g., Attached Finished, Enclosed Carport, Basement Garage). Please see "GarageType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>HeatType</b>	<b>PROP_HEAT</b>	Varchar (3)	Type or method of heating (e.g., Hot Water, Heat Pump, Baseboard, Radiant). Please see "HeatType" 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 Excel® 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)	Type of parking found on the property. This is typically commercial or communal (e.g., Condos) in nature. Please see "ParkingType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X

Field Name	Short Name	Length	Description	B*	S*	U*
Pool	PROP_POOL	Varchar (1)	Y - Pool is present on property	X	X	X
<b>PoolType</b>	<b>PROP_POOLCD</b>	Varchar (3)	Type of pool, construction or pool amenities (e.g., Kidney, Gunite, Vinyl, Jacuzzi, Heated). Please see "PoolType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X
<b>RoofCover</b>	<b>PROP_ROOFCOVER</b>	Integer	Type of roof covering (e.g., Clay Tile, Aluminum, Shake). Please see "RoofCover" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
<b>RoofShape</b>	<b>PROP_ROOFTYPE</b>	Varchar (3)	Type of roof shape (e.g., Gambrel, Gable, Flat, Mansard). Please see "RoofShape" 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 Excel® spreadsheet provided with your Property Attributes dataset download.	X	X	X
<b>EnergyType</b>	<b>PROP_ENERGY</b>	Varchar (3)	Type of electricity or energy use within the building (e.g., Average Wiring, Underground Wired, Private Source). Please see "EnergyType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X



Field Name	Short Name	Length	Description	B*	S*	U*
FuelType	PROP_FUEL	Varchar (3)	Type of fuel used for heating of water and building (e.g., Solar, Gas, Oil). Please see "FuelType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.		X	X
SewerType	PROP_SEWER	Varchar (3)	Type Of Sewer System On The Property: 0 - None 999 - Bypass SPU - Public SCE - Cesspool SSE - Septic SPR - Private STR - Storm SCO - Commercial		X	X
WaterType	PROP_WATER	Varchar (3)	Type Of Water Service On The Property: 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 on which the property was last updated	X	X	X
<b>Assessor/Deed Information</b>						
HomesteadExemption	PROP_HOMESTEAD	Varchar (1)	Y - Owner qualified for a Homeowner/Homestead exemption			X

Field Name	Short Name	Length	Description	B*	S*	U*
VeteranExemption	PROP_XMTVET	Varchar (10)	If State has such an exemption and it has been granted then a flag is assigned: - Combat Vet - Veteran			X
DisabledExemption	PROP_XMT_DISABLED	Varchar (10)	If State has such an exemption and it has been granted then a flag is assigned: - Disabled - Blind			X
TaxBillAmount	PROP_TAXAMT	Decimal(11,2)	The Total Tax amount from the tax bill, provided by the county or local taxing/assessment authority.			X
TaxBillYear	PROP_TAXYR	Varchar (4)	The tax or assessment year for which the taxes were billed - YYYY			X
SaleDocumentYear	PROP_DOCYR	Varchar (4)	The year a sales transaction document was recorded (e.g., YYYY)			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 at the county - YYYYMMDD			X

Field Name	Short Name	Length	Description	B*	S*	U*
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	Price of the sale as depicted on the recorded sales transaction		X	X
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_APNCDD	Varchar (1)	Depicts 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 (e.g., YYYY)	X	X	X

Field Name	Short Name	Length	Description	B*	S*	U*
SaleTransactionType	PROP_SALESTRANSCD	Varchar (2)	This 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 - YYYYMMDD			X
PriorCompletedDate	PROP_SALEDATE_PRIOR	Date	Date the sales transaction was legally completed - YYYYMMDD			X
PriorAmount	PROP_SALEAMT_PRIOR	Bigint	Price of the sale as depicted on the recorded sales transaction			X
PriorFinancialCode	PROP_SALECD_PRIOR	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
PriorParcelType	PROP_APNCD_PRIOR	Varchar (1)	Depicts multiple or split parcel sales: D - MULTI / DETAIL PARCEL SALE M - MULTIPLE PARCEL SALE X - MULTI / SPLIT PARCEL SALE S - SPLIT PARCEL SALE			X

Field Name	Short Name	Length	Description	B*	S*	U*
PriorDeedCode	PROP_DEEDCD_PRIOR	Varchar (2)	Type of deed used for recording (e.g., Agreement of Sale, Assumption, Correction Deed). Please see "PriorSaleDeedCode" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
PriorDocumentYear	PROP_DOCYR_PRIOR	Varchar (4)	The year a sales transaction document was recorded (e.g., YYYY)			X

Field Name	Short Name	Length	Description	B*	S*	U*
PriorDeedType	PROP_DEEDTYPE_PRIOR	Varchar (1)	The type of deed used to record the prior sales transaction (e.g., Grant, Quit, Foreclosure). Please see "PriorSaleDeedType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
PriorTransactionType	PROP_SALESTRANSCD_PRIOR	Varchar (3)	This 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	Amount associated with the mortgage of the prior sale			X
<b>Mortgage Information</b>						

Field Name	Short Name	Length	Description	B*	S*	U*
OwnerType	PROP_OWNERCD	Varchar (3)	The type of ownership in terms of: owners in common; joint. Please see "OwnerType" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
SellerCarryBack	PROP_SELLCARRYBACK	Varchar (1)	Seller provided some financing and it was recorded; more per family financing do not record in any timely manner; also often noted more under 'first' or 'second' lender: Y - Yes A - Assumed			X
MortgageTitleCompany	PROP_TITTLECOMPANY	Varchar (60)	Title Company			X
MortgageLoanToValue	PROP_LOANTOVAL	Integer	If provided on the note and recorded, loan to value ratio (e.g., 47, 118, 61, 185)			X
MortgageAmount	PROP_MTGAMT	Bigint	Amount of Mortgage Loan in USD Dollars\$			X
MortgageDate	PROP_MTGDATE	Date	Date Mortgage was initiated - YYYYMMDD			X

Field Name	Short Name	Length	Description	B*	S*	U*
MortgageType	PROP_MTGLOANCD	Varchar (5)	Associated with the Mortgage type: 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)	Deed used for recording. Please see "MortgageDeed" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm	PROP_MTGTERM	Integer	The length of time per the mortgage (e.g., 15 years, 30 years, etc)			X
MortgageDueDate	PROP_MTGDUEDATE	Date	Date Mortgage becomes due - YYYYMMDD			X
MortgageAssumeAmount	PROP_MTGASSUMPTIONAMT	Integer	Amount of prior mortgage that was assumed and rolled in. (e.g., 65750, 130000, 162500, 50000)			X



Field Name	Short Name	Length	Description	B*	S*	U*
MortgageLenderName	PROP_LENDERNAME	Varchar (60)	Name of Lender for the Mortgage			X
MortgageRefinance	PROP_MTGREFICD	Varchar (1)	Was it a refinance of existing/prior mortgage: Y - Yes T - Trust			X
MortgageEquity	PROP_RMSEQUITYCD	Varchar (1)	Y - If equity in property was acknowledged			X
MortgageIntRate	PROP_MTGINTRATE	Float	Rate Associated with Mortgage			X
MortgageIntRateType	PROP_MTGINTRATETYPE	Varchar (3)	Mortgage Rate Type: FIX - Fixed ADJ - Adjustable VAR - Variable BAL - Balloon			X
MortgageAmount2	PROP_MTGAMT2	Bigint	Amount of 2nd mortgage			X
MortgageDate2	PROP_MTGDATE2	Date	Date 2nd Mortgage was initiated - YYYYMMDD			X
MortgageType2	PROP_MTGLOANCD2	Varchar (5)	Associated with the 2nd Mortgage type: 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

Field Name	Short Name	Length	Description	B*	S*	U*
<b>MortgageDeed2</b>	<b>PROP_MTGDEEDCD2</b>	Varchar (6)	2nd Deed used for recording. Please see "MortgageDeed" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm2	PROP_MTGTERM2	Integer	The length of time per the 2nd mortgage (e.g., 15 years, 30 years, etc)			X
MortgageDueDate2	PROP_MTGDUEDATE2	Date	Date 2nd Mortgage becomes due - YYYYMMDD			X
MortgageAssumeAmt2	PROP_MTGASSUMPTIONAMT2	Integer	Amount of 2nd mortgage that was assumed and rolled in. (e.g., 65750, 130000, 162500, 50000)			X
MortgageLenderName2	PROP_LENDERNAME2	Varchar (60)	Name of Lender 2			X
MortgageRefinance2	PROP_MTGREFICD2	Varchar (1)	Was it a refinance of existing/prior 2nd mortgage: Y - Yes T - Trust			X
MortgageEquity2	PROP_RMSEQUITYCD2	Varchar (1)	Y - If 2nd equity in property was acknowledged			X

Field Name	Short Name	Length	Description	B*	S*	U*
MortgageIntRate2	PROP_MTGINTRATE2	Float	2nd Rate Associated with 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 3rd mortgage			X
MortgageDate3	PROP_MTGDATE3	Date	Date 3rd Mortgage was initiated - YYYYMMDD			X
MortgageType3	PROP_MTGLOANCD3	Varchar (5)	Associated with the 3rd Mortgage type: 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

Field Name	Short Name	Length	Description	B*	S*	U*
<b>MortgageDeed3</b>	<b>PROP_MTGDEEDCD3</b>	Varchar (6)	3rd Deed used for recording. Please see "MortgageDeed3" 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 Excel® spreadsheet provided with your Property Attributes dataset download.			X
MortgageTerm3	PROP_MTGTERM3	Integer	The length of time per the 3rd mortgage (e.g., 15 years, 30 years, etc)			X
MortgageDueDate3	PROP_MTGDUEDATE3	Date	Date 3rd Mortgage becomes due - YYYYMMDD			X
MortgageAssumeAmt3	PROP_MTGASSUMPTIONAMT3	Integer	Amount of 3rd mortgage was assumed and rolled in. (e.g., 65750, 130000, 162500, 50000)			X
MortgageLenderName3	PROP_LENDERNAME3	Varchar (60)	Name of Lender 3			X
MortgageRefinance3	PROP_MTGREFICD3	Varchar (1)	Was it a refinance of existing/prior 3rd mortgage: Y - Yes T - Trust			X
MortgageEquity3	PROP_RMSEQUITYCD3	Varchar (1)	Y - If 3rd equity in property was acknowledged			X

Field Name	Short Name	Length	Description	B*	S*	U*
MortgageIntRate3	PROP_MTGINTRATE3	Float	3rd Rate Associated with 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)	Some counties use different values to identify the parcel boundary and the property attributes. This Parcel APN value may be the same or a reformatted version of the PROP_APN which is also provided.	X	X	X
DupeQTY	DUPE_QTY	Integer	Number of records associated with the unique pbKey	X	X	X
DupeUniqueFlag	UNIQUE_FLAG	Char (1)	U – Indicates that the pbKey is Unique S – Indicates that the records is the Survivor record of a duplicate group, and is present in the GEM data and the duplicates file D – Indicates a Duplicate record, and is present only in the duplicates file.	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 unique lookup key that ties to the Pitney Bowes Address Fabric dataset.
LinkID	LINKID	varchar (50)	ID to Link to Property Attributes Dataset
PropOwnerType	RECTYPE	varchar (1)	Record Type: R - Residential B - Business
BusinessType	BUSINESS	varchar (255)	Business Name
OwnerFirstName	FNAME	varchar (50)	First Name
OwnerMiddleName	MNAME	varchar (50)	Middle Name
OwnerLastName	LNAME	varchar (50)	Surname
OwnerSuffix	SUFFIX	varchar (10)	Jr., Sr., I, II, etc
OwnerGender	GENDER	varchar (1)	Gender Code: M - Male F - Female
OwnerDOB	DOB	varchar (8)	Date of Birth - YYYYMMDD
<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 PreDirectional: N, S, E, W, NE, etc
PropStreetName	STREET	varchar (28)	Street Name or PO Box name, or RR # Box name, or HC # Box name

Field Name	Short Name	Field Type	Description
PropStreetSuffix	STRTYPE	varchar (4)	Physical Street Suffix: ST, AVE, PL, BLVD, PKWY, etc
PropStreetPostDir	POSTDIR	varchar (2)	Street Post Direction: N, S, E, W, NE, etc
PropUnitType	APPTYPE	varchar (4)	Unit Designator
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 Code
PropVacancy	VACANT	varchar (1)	Vacant: Y - Physical Address Identified by USPS 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
MortgageLenderName	PROP_LENDERNAME	varchar (60)	Name of Lender
MortgageAmount	PROP_MTGAMT	bigint	Amount of Mortgage Loan in USD Dollars\$
SaleTransactionDate	PROP_RECDATE	varchar (8)	The date the sales transaction was recorded at the county - YYYYMMDD

Field Name	Short Name	Field Type	Description
TaxBillAmount	PROP_TAXAMT	Decimal (11,2)	The Total Tax amount from the tax bill, provided by the county or local taxing/assessment authority.
TaxBillYear	PROP_TAXYR	varchar (4)	The tax or assessment year for which the taxes were billed - YYYY
TotalAssessedValue	PROP_ASSED_VAL	Bigint	The Total Assessed Value of the property's Land & Improvement values as provided by the county or local taxing/assessment authority (2 implied decimals)



# 3 - Frequently Asked Questions

In this section

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FAQs

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## FAQs

1. How is data gathered and how often?
  - Depends on each local jurisdiction process and timing for tax assessment, usually once a year per property
2. REC\_TYPE
  - This field displays the owner of the property, B being owned by a business (this can include trusts) and R being a resident owned property. This is not whether the property is a business or residential property.
3. PROP\_ZONING
  - We do not have a list of the zoning codes. Each county has their own so there are literally thousands of values.
  - We do not do anything with the codes, so they are not cleansed or standardized in any way.
4. PROP\_TAXAMT
  - Represents the amount of the tax bill for the property (and associated with the tax bill year in the next field).
5. PROP\_TAXYR
  - Some of the data may show old assessed year however some counties may not assess every year yet the data can still be accurate and up to date
6. PROP\_LANDUSE
  - An expanded or more detailed list of what the land can be used for or what can be built on the land.
7. PROP\_IND
  - A condensed version or category of what is currently on the land.
8. Alternative Address (STREET2, CITY2, etc)
  - The location (address) of where the tax bill for the property is sent.
  - If the property is a vacation or second home, and the owner does not live there full time, it could be different from the main address.
  - If the property has two names on the title – i.e., John Smith and Mary Smith - the Alternate Owner will be the second person listed on the recording, and the Alternate address will be associated with the Alternate owner. In this case it will usually be the same as the main address.
  - The important part to note is that it is where the tax bill is sent. So even if the main location is a vacant property or a property with no address, it will almost always have an address for

where to send the tax bill. With properties that do have a street address, it will have a high percentage of the same address, because the owner only has one property and/or there is a second considered owner in the same property (husband, wife, or tenant of owner).

#### 9. Missing Address

- The main address fields are representative of the actual location of the property, however could be missing street information. Examples of this would be parcels of land such as a field, alleyway, undeveloped subdivision, or just plain vacant land. Also, some counties may not assign a street address to a property until there is a building permit for it.

#### 10. VACANT - Address fields not as populated as alternate address VACANT field

- In terms of the vacancy, sometimes the primary location will not have information if it is a vacant property or not, depending on the type of land, whereas, 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. PROP\_ASSED\_LANDVAL

- The Total Assessed Value is gathered directly from over 3,000 County Assessors offices around the country. The Total Assessed Value consists of the Parcel's land & improvement values as provided by the county or local taxing/assessment authority. Infutor does not calculate this field.

#### 12. PROP\_HEAT

- Includes a list of all possible heating types. Some assessors are more specific than others. Ex: Some cases OOE, Electric Heat, is basic and sufficient. If the assessor has more information past that then they will fill it in, whereas others may use as a basic indicator.

#### 13. PROP\_CORPIND

- Indicates whether a corporation owns the property or not. There can be a corporate owner and the property could be a residential property.

#### 14. PROP\_RESCD

- Indicates whether the property is located within a residential zip code.

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If you have any questions or concerns, you may contact our support team directly by calling or emailing the following:

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