**Data Dictionary for City of Revere’s Tax Assessors Dataset**

**Overview**

This data dictionary describes the variables used in the City of Revere’s Tax Assessors database, and new variables and measurements proposed by the students working on this dataset.

The Tax Assessors database contains 51 variables that describe all 12,838 parcels in the City of Revere. The dataset is aggregated such that all parcels are attached to their designated loc\_id in the tax assessors’ data. The tax assessors’ data is then collapsed such that only the most recent information for each loc\_id is present. Therefore, there are 12,576 unique parcels and 73 variables that describe each parcel.

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| --- | --- | --- | --- | --- | --- |
| **Field Name** | **Type** | **Size** | **Valid Values** | **Null** | **Required** |
| **Extract from Assessor** | | | | | |
| **PROP\_ID** | C | 30 | Unlike the items below, this attribute may not come directly from the assessor’s database. It may sometimes be constructed from information typically found in multiple columns in the assessor’s database (see definition for more information). *It must be unique within the city or town* | NO | YES |
| **LOC\_ID** | C | 18 | M\_<X>\_<Y> (meters), F\_<X>\_<Y> (US Survey Feet); use to join to parcel polygons | NO | YES |
| **BLDG\_VAL** | N | 9 | Current assessed value for the main building(s) on the property |  | YES |
| **LAND\_VAL** | N | 9 | Current assessed value for land |  | YES |
| **OTHER\_VAL** | N | 9 | Other structures or physical improvements that are separately valued |  | YES |
| **TOTAL\_VAL** | N | 9 | Current total assessed value for land and structures. Because some databases include other categories of valuation not included above, this may not represent the total of the fields above |  | YES |
| **FY** | N | 4 | Fiscal year of assessed value formatted as YYYY (number, 4; cannot be null). | NO | YES |
| **LOT\_SIZE** | N | 11 | Deed area in EITHER square feet OR acres, but not both, to two decimal places |  | YES |
| **LS\_DATE** | C | 8 | Last sale date formatted as YYYYMMDD |  | YES |
| **LS\_PRICE** | N | 9 | Last sale price |  | YES |
| **USE\_CODE** | C | 4 | [**Land use code**](https://www.mass.gov/files/documents/2016/08/wr/classificationcodebook.pdf) as set by Dept. of Revenue | NO | YES |
| **SITE\_ADDR** | C | 80 | This field will contain the complete original site address as listed in the tax record |  | YES |
| **ADDR\_NUM** | C | 12 | This field will contain address number information, either a single house number with suffix (e.g., 25, 103 ½ or 12A) or a range of numbers (e.g., 12-16 or 12A–12B). |  | YES(2) |
| **FULL\_STR** | C | 60 | This field will contain the full street name, which may be stored in separate fields in the assessor database. |  | YES(2) |
| **LOCATION** | C | 60 | This is the place to put secondary location information. Frequently, descriptors such as “Side”, “South Side”, “Rear”, “Basement” as well as building and unit descriptors such as “#1” or “Unit A” are found in assessor data |  | YES(2) |
| **CITY** | C | 25 | City or town where the property is located |  | YES |
| **ZIP** | C | 10 | Zip code where the property is located, if available |  | YES |
| **OWNER1** | C | 80 | Name of first owner of record |  | YES |
| **OWN\_ADDR** | C | 80 | The complete owner mailing address, including the street number, name, etc.  Where the tax bill is sent. |  | YES |
| **OWN\_CITY** | C | 25 | The city for the property owner’s address |  | YES |
| **OWN\_STATE** | C | 2 | For US addresses, the state where the property owner resides, using the postal service abbreviations for state |  | YES(3) |
| **OWN\_ZIP** | C | 10 | The zip code of the owner’s address |  | YES |
| **OWN\_CO** | C | 30 | The country where the owner lives |  | YES |
| **LS\_BOOK** | C | 16 | Last sale Registry of Deeds book |  | YES(1) |
| **LS\_PAGE** | C | 14 | Last sale Registry of Deeds page |  | YES(1) |
| **REG\_ID** | C | 15 | This is the equivalent to Registry of Deeds book and page information but for registered or probate land |  | YES(2) |
| **ZONING** | C | 8 | This is the code to indicate the zoning district within which the property lies not including overlay zoning districts |  | YES |
| **YEAR\_BUILT** | N | 4 | format YYYY |  | YES |
| **BLD\_AREA** | N | 9 | Applies primarily to apartment buildings and commercial/industrial properties; assessor’s data is based on exterior building measurements. Building area may be recorded as gross square-feet, adjusted gross square-feet, or finished area. Basement area may or may not be included in finished area. Partial story-heights and attic areas may be treated differently by different CAMA systems. Gross area may include non-living areas such as porches and decks, or attached garages. |  | YES(2) |
| **UNITS** | N | 4 | Number of living/dwelling units and also other units, for example, commercial condos and storage units in a warehouse. |  | YES(2) |
| **RES\_AREA** | N | 7 | Applies primarily to 1, 2 & 3 family dwellings based on exterior building measurements or residential condominiums based on deeded unit areas. Building area may be recorded as gross square-feet, adjusted gross square-feet, or finished area. Basement area may or may not be included in finished area. Partial story-heights and attic areas may be treated differently by different CAMA systems. Gross area may include non-living areas such as porches and decks or attached garages. |  | YES(2) |
| **STYLE** | C | 20 | Code indicating style of structure (“colonial”, “ranch” etc.) |  | YES |
| **STORIES** | C | 6 | This is not the wall height. Story height is typically recorded as a full story for each floor, except under roof-line floors, which are adjusted by factors ranging from 10% to 90% of a full story depending on roof slope and wall height; examples include one-half stories and attics. Note that in the Patriot AssessPro database, letters (e.g. A, H) may be assigned to indicate partial story heights. |  | YES |
| **NUM\_ROOMS** | N | 3 | Total room count as determined by the assessor; primarily applied to residential properties. |  | YES |
| **LOT\_UNITS** | C | 1 | S (sq. ft.) or A (acres) (Added by vendor, not from assessor database) |  | YES |
| **TOWN\_ID** | N | 3 | MassGIS town identifier (1-351), added by MassGIS | NO | YES |
| **MA\_PROP\_ID** | C | 60 | Unique identifier for ASSESS record, added by MassGIS | NO | YES |
| **Added by Northeastern Big Data – Group 1** | | | | | |
| **Field Name** | **Type** | **Size** | **Valid Values** | **Null** | **Required** |
| **GeneralUse** | C | 60 | Code indicating general RICE land use (“Residential”, “Industrial”, ”Commercial”, “Exempt”, or “MixedUse” if multiple uses). | NO |  |
| **DensityPerLoc** | N | 60 | Number indicating number of units per acre for each LOC\_ID. When multiple PROP\_IDs exist for a single LOC\_ID, each record will shave the density measure for the parent LOC\_ID. |  |  |
| **MA\_OWNED** | N | 1 | Binary indicator showing whether or not the owner of the parcel lives in Massachusetts (“1”) or out of state (“0”) | NO |  |
| **Revere\_OWNED** | N | 1 | Binary indicator showing whether or not the owner of the parcel lives in Revere (“1”) or not (“0”) | NO |  |
| **ppsf** |  |  | dollars per square footage of a unit |  |  |
| **Markup** |  |  | Difference between last sell price and current total value |  |  |
| **HOME\_VAL** |  |  | Total value of a property divided by the number of units |  |  |
| **ROOM\_UNITS** |  |  | Number of rooms in a property divided by the number of units |  |  |
| **Affordable** |  |  | If the home\_val is less than $390,000 this variable is one, else 0. The value is defined in the Resident Study Group Report given to us by the municipality. |  |  |
| **Lon1** | N |  | Regeocoded longitutde for all TA data |  |  |
| **Lat1** | N |  | Regeocoded latitude for all TA data |  |  |
| **Homeowner** | N | 1 | Binary variable where “1” denotes whether the owner is a home owner and a 0 means there is a property owner. |  |  |
| (1) Only required if information is available (2) Only required if information needed is available in the assessor's database (3) Not required for owners with non-US addresses unless needed | | | | | |