## Massachusetts Parcels Codebook

`fy`: Year that this data was recorded.

`town`: String containing the town that the parcel is located in.

`census_tract`: String containing the `geoid` for the census tract that the parcel is located in.

`use_code`: The parcel's property type classification code defined by MA. See their documentation for a guide.

`lot_size_acres`: The area of the parcel in acres.

`building_value`: The assessed value of the built structure on the parcel.

`land_value`: The assessed value of the parcel's land.

`other_value`: The assessed value of other property on the parcel.

`total_value`: The total value of the parcel. This is the sum of `building_value`, `land_value`, and `other_value`.

`last_sale_date`: The date when this home was last sold.

`last_sale_year`: The year when this home was last sold.

`last_sale_price`: The price at which the home was last sold.

`n_units`: The reported number of housing units on the parcel.

`n_rooms`: The reported number of rooms in the house.

`n_stories`: The reported number of stories in the house.

`style`: A string containing the style of home on the house. This has not been cleaned and is not standardized across towns.

`year_built`: The reported year that the home was built.

`building_area`: The reported area of the building. A building can contain residential or commercial floorspace. This reports the total.

`residential_area`: The reported area of the *residential* portion of the building.

`longitude`: The longitude (x-coordinate) of the center of the parcel.

`latitude`: The latitude (y-coordinate) of the center of the parcel.

`z_zoning_id`: A generated id for the zoning regulation boundary.

`z_zoning_code`: The zoning regulation boundary's code.

`z_permit_2fam`: Does this zoning area allow 2 family homes ("duplexes"). Can be three values, "By Right", "By Permit" which requires a special permitting process by the town council, or "Not Allowed".

`z_permit_3_4fam`: Does this zoning area allow 3-4 family homes ("triplexes/quadplexes"). Can be three values, "By Right", "By Permit" which requires a special permitting process by the town council, or "Not Allowed".

`z_permit_5_19fam`: Does this zoning area allow 5-19 unit buildings. Can be three values, "By Right", "By Permit" which requires a special permitting process by the town council, or "Not Allowed".

`z_permit_20_fam`: Does this zoning area allow 20+ unit buildings. Can be three values, "By Right", "By Permit" which requires a special permitting process by the town council, or "Not Allowed".

`z_dupac`: The number of dwelling units allowed to be built per acre of parcel.

`z_max_height`: The maximum height that a building is allowed to be.

`z_mls_acres`: The minimum allowed lot size in acres.

`z_residential`: Is the neighborhood zoned to be just residential housing. If `TRUE`, then commercial lots are not allowed.

`z_mixed`: Is the neighborhood zoned to be mixed-use. If `TRUE`, then commercial lots and residential units are allowed.

`z_nonresidential`: Is the neighborhood zoned to be just commercial housing. If `TRUE`, then residential lots are not allowed.

**Data Info**

```
Rows: 1,834,184
Columns: 33
$ fy               <dbl> 2019, 2020, 2022, 2023, 2013, 2019, 2020, 2022, 2023,~
$ town             <chr> "Southborough", "Southborough", "Southborough", "Sout~
$ census_tract     <chr> "25027741101", "25027741101", "25027741101", "2502774~
$ use_code         <dbl> 101, 101, 101, 101, 101, 101, 101, 101, 101, 101, 101~
$ lot_size_acres   <dbl> 0.31, 0.31, 0.31, 0.31, 1.34, 1.34, 1.34, 1.34, 1.34,~
$ building_value   <dbl> 165500, 171500, 182900, 169400, 344700, 414500, 44940~
$ land_value       <dbl> 210400, 219400, 302700, 281600, 169200, 206500, 21470~
$ other_value      <dbl> 7900, 8700, 8700, 8700, 0, 0, 0, 0, 0, 2000, 2200, 22~
$ total_value      <dbl> 383800, 399600, 494300, 459700, 513900, 621000, 66410~
$ last_sale_date   <date> 1987-12-04, 1987-12-04, 1987-12-04, 2022-09-26, 2008~
$ last_sale_year   <dbl> 1987, 1987, 1987, 2022, 2008, 2008, 2019, 2019, 2022,~
$ last_sale_price  <dbl> 196500, 196500, 196500, 435500, 101, 101, 101, 101, 1~
$ n_units          <dbl> 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,~
$ n_rooms          <dbl> 6, 6, 6, 6, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 9, 7, 7, 7,~
$ n_stories        <dbl> 1, 1, 1, 1, 2, 2, 2, 2, 2, 1, 1, 1, 1, 2, 2, 2, 2, 2,~
$ style            <chr> "OLD STYLE", "OLD STYLE", "OLD STYLE", "OLD STYLE", "~
$ year_built       <dbl> 1928, 1928, 1928, 1928, 2007, 2007, 2007, 2007, 2007,~
$ building_area    <dbl> 1837, 1837, 1837, 1837, 2817, 2817, 2817, 2817, 2817,~
$ residential_area <dbl> 1837, 1837, 1837, 1837, 2817, 2817, 2817, 2817, 2817,~
$ longitude        <dbl> -71.52156, -71.52156, -71.52156, -71.52156, -71.52145~
$ latitude         <dbl> 42.30717, 42.30717, 42.30717, 42.30717, 42.28848, 42.~
$ z_zoning_id      <chr> "Southborough --- 3", "Southborough --- 3", "Southbor~
$ z_zoning_code    <chr> "277RB", "277RB", "277RB", "277RB", "277RA", "277RA",~
$ z_permit_2fam    <chr> "By Permit", "By Permit", "By Permit", "By Permit", "~
$ z_permit_3_4fam  <chr> "By Permit", "By Permit", "By Permit", "By Permit", "~
$ z_permit_5_19fam <chr> "By Permit", "By Permit", "By Permit", "By Permit", "~
$ z_permit_20_fam  <chr> "By Permit", "By Permit", "By Permit", "By Permit", "~
$ z_dupac          <dbl> 6, 6, 6, 6, 2, 2, 2, 2, 2, 6, 6, 6, 6, 6, 6, 2, 2, 2,~
$ z_max_height     <dbl> 35, 35, 35, 35, 35, 35, 35, 35, 35, 35, 35, 35, 35, 3~
$ z_mls_acres      <dbl> 0.3443526, 0.3443526, 0.3443526, 0.3443526, 1.0000000~
$ z_residential    <lgl> TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE,~
$ z_mixed          <lgl> TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE, TRUE,~
$ z_nonresidential <lgl> FALSE, FALSE, FALSE, FALSE, FALSE, FALSE, FALSE, FALS~
```