

**Worksheet for Calculation of Residential Solid Waste Generated Per Capita for
Cities and Towns with Populations of 5,000 or more***

Type in available data in cells with red boxes;
gray cells produce calculations through
formulas.

See numbered directions on left for how to
obtain needed data.

Town:

Litchfield, CT

Fiscal Year Being Calculated:

2018 - 2019

Type in available data in cells with red boxes.

*Towns with a population of fewer than 5,000 may calculate their residential solid waste generated per capita using similar methodology but adapted to their needs. For additional support, please contact info@sustainablect.org.

| | | | |
|--|---|--|---------------|
| 1. Determine the total residential solid waste generated for your municipality or town, in pounds, for the fiscal year (July 1st to June 30th). | | (i) Tons (T) from Curbside | 2,663 |
| (i) For towns and cities that use a subscription service for curbside collection, gather data from each hauler that holds a permit to collect waste in your community. For municipal or contract curbside collection, use residential tons associated with the households in the program. | (A) Total Residential Solid Waste Generated (lbs) (fiscal year, July 1st-June 30th) | (ii) Tons (T) from Transfer Station | |
| | | (iii) Tons (T) from Other Source | |
| | | Total Tons (T) | 2,663 |
| (ii) If you have a transfer station that collects residential waste then include that number in the Transfer Station field. | | Total Converted to Pounds (lbs) | 5,326,000 |
| <i>Total Tons is converted to Pounds by multiplying by 2000</i> | | | |
| 2. Go to the United States Census Bureau's Quick Facts website: https://www.census.gov/quickfacts | | | |
| a. In the search box on the top left, type in the name of your town. If more than one entry comes up, please select the one with the county name included. | | | |
| 3. Under the "Family & Living Arrangements" section, determine your town or city's average "Persons per household": _____ (B) | | (B) Average Persons Per Household | 2.86 |
| NOTE: If you know the number of homes picked up in your community, please use that number in cell E24 to override the formula in response to question 7 on line 25 of this spreadsheet. If you don't have the exact number, please go through the exercise below to estimate the number of households. | | | |
| 4. Go to the United States Census Bureau's Explore Census Data website: https://data.census.gov | | | |
| a. Click on Advanced Search | | | |
| b. On the Table ID line, type DP04 | | | |
| c. Click Search on the lower right of the screen | | | |
| d. Click Filter in the upper left of the screen | | | |
| e. On the search line, begin typing the name of the City or Town | | | |
| f. A series of options will appear with check boxes. Check the box next to your City or Town | | | |
| g. Click Hide on upper right of screen | | | |
| 5. Under "Housing Occupancy," determine the percent of "Occupied Housing Units for your municipality" and record the number as a decimal (e.g., record 95.6% as 0.956): _____ (C) | | (C) % of Occupied Housing Units | 87.20% |
| 6. Scroll down a little further and click on the "Units in Structure" section. Look at the estimated number of units for each of the following: | | (i) 1-unit, detached | |
| 1-unit, detached: _____ (i) | | (ii) 1-unit, attached | |
| 1-unit, attached: _____ (ii) | | (iii) 2 units | |
| 2 units: _____ (iii) | | (iv) 3 or 4 units | |
| 3 or 4 units: _____ (iv) | | (v) 4 units and above (if applicable) | |
| 4 units and above: _____ (v) (if applicable) | | | |
| Total: _____ (D)*** | | (D) Units in Structure | |
| ***This number represents the total number of homes where residential (vs. commercial) trash is collected from. In some community residential pick-up may occur in unit structures greater than 4. If so, then include this in (v). | | Total housing units | 3,248 |
| 7. Multiply the decimal version of the percent occupied housing units (C) by the total number of housing structures from which residential class is collected (D): _____ (E) | | (E) | 2,832 |
| 8. Multiply that number (E) by the average persons per household (B): _____ (F) | | (F) | 8,100 |
| 9. Divide the waste total (A) by the number in (F). | | Residential Solid Waste Generated Per Capita Per Year (in pounds) | 657.51 |