

## NYSP2I Food Waste Estimator – Summary of Data Sources

| Category  | Generation Factor | Factor Unit     | Reference  |
|---|-------------------|-----------------|--|
| Colleges and Universities - Residential         | 2.72              | lb/student/wk   | (Draper/Lennon, Inc., 2001)  |
| Colleges and Universities - Residential         | 0.35              | lb/meal         | (Draper/Lennon, Inc., 2001)  |
| Colleges and Universities - Non-Residential     | 0.72              | lb/student/wk   | (Draper/Lennon, Inc., 2001)  |
| Colleges and Universities - Non-Residential     | 0.35              | lb/meal         | (Draper/Lennon, Inc., 2001)  |
| NYS Correctional Facilities                     | 4.55              | lb/inmate/wk    | (New York State Department of Corrections and Community Supervision, 2013) |
| Food Wholesale and Distribution                 | 430               | lb/employee/wk  | (Energy Trust, 2010)   |
| Schools - Elementary                            | 1.13              | lb/student/wk   | (RecyclingWorks Massachusetts, 2020)                                       |
| Schools - Elementary                            | 0.43              | lb/meal         | (Environmental Protection Agency, 2020)                                    |
| Schools - Middle                                | 0.73              | lb/student/wk   | (RecyclingWorks Massachusetts, 2020)                                       |
| Schools - Middle                                | 0.43              | lb/meal         | (Environmental Protection Agency, 2020)                                    |
| Schools - High                                  | 0.35              | lb/student/wk   | (RecyclingWorks Massachusetts, 2020)                                       |
| Schools - High                                  | 0.43              | lb/meal         | (Environmental Protection Agency, 2020)                                    |
| Hospitals                                       | 23.94             | lb/bed/wk       | (RecyclingWorks Massachusetts, 2020)                                       |
| Hospitals                                       | 0.47              | lb/meal         | (Environmental Protection Agency, 2020)                                    |
| Hotels and Motels                               | 6.63              | lb/room/wk      | (RecyclingWorks Massachusetts, 2020)                                       |
| Hotels and Motels                               | 38.13             | lb/employee/wk  | (CCG, 2006)  |
| Nursing Homes                                   | 12.6              | lb/bed/wk       | (RecyclingWorks Massachusetts, 2020)                                       |
| Restaurants - full service                      | 57.69             | lb/employee/wk  | (Draper/Lennon, Inc., 2002)  |
| Restaurants - full service                      | 1.00              | lb/meal         | (RecyclingWorks Massachusetts, 2020)                                       |
| Restaurants - limited service                   | 42.31             | lb/employee/wk  | (Mercer, 2013)   |
| Restaurants - limited service                   | 0.5               | lb/meal         | (RecyclingWorks Massachusetts, 2020)                                       |
| Grocery, Specialty Foods and Convenience Stores | 57.69             | lb/employee/wk  | (Draper/Lennon, Inc., 2001)  |
| Venues and Events                               | 4.2               | lb/seat/wk      | (RecyclingWorks Massachusetts, 2020)                                       |
| Venues and Events                               | 1                 | lb/meal         | (RecyclingWorks Massachusetts, 2020)                                       |
| Venues and Events                               | 0.45              | lb/visitor/wk   | (RecyclingWorks Massachusetts, 2020)                                       |
| County Jails and Other Institutions             | 7                 | lb/inmate/wk    | (Marion, 2000)   |
| Supercenters                                    | 19.23             | lb/employee/wk  | (ReFED, 2016)  |
| Residential Household                           | 6.55              | lb/household/wk | (Environmental Protection Agency, 2020)                                    |

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|----------------------|-------------------|-------------|--------------------------------------|
| Corporate Cafeterias | 0.625             | lb/meal     | (RecyclingWorks Massachusetts, 2020) |

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