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EcoComplex

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Assessment of Food Waste Generation in Mercer County, New Jersey

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This document reports the results of a study of the quantity of food waste generated by businesses and institutions in Mercer County, New Jersey. It expands the information contained in the 2007 Assessment of Biomass Energy Potential in New Jersey, conducted by the NJAES for the NJ BPU.

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1. Executive Summary

The purpose of this study was to identify and locate the major business and institutional food waste generators in Mercer County, New Jersey. This included estimating each one's annual generation of food waste and obtaining their latitude and longitude, allowing their locations to be mapped. Mapping will allow concentrations of waste generators to be identified, so that Anaerobic Digesters and other beneficial uses of food waste can be located close to the source to keep this waste out of landfills and to create sources of renewable energy.

This study expands the information contained in the 2007 Assessment of Biomass Energy Potential in New Jersey, conducted by the NJAES for the NJ BPU¹. It is meant to be a prototype for similar studies to be done for other New Jersey counties.

1.1. The Problem and the Opportunity

According to the U.S. EPA, more than 34 million tons of food waste was generated in the United States in 2010, and 33 million tons was disposed off, making it the single largest component of municipal solid waste (MSW) reaching landfills and incinerators.

The NJ DEP estimates that total food waste for the state in 2010 was 1,371,827 tons, of which 267,507 tons (19.5%) were recycled. DEP also estimates that 55,325 tons of food waste was generated in Mercer County in 2010.

Landfills generate large amounts of greenhouse gases, primarily Methane and CO₂. Methane (CH₄) is a greenhouse gas that remains in the atmosphere for approximately 9-15 years (<http://www.epa.gov/methane/>). It is over 20 times more effective in trapping heat in the atmosphere than carbon dioxide (CO₂) over a 100-year period.

While food waste is a major environmental problem, it is also a potential source of renewable energy for the generation of electric power, heat and biofuels. Keeping food waste out of landfills and using it as a feed stock for Anaerobic Digesters to produce biogas, which contains 60-65% methane and 35-40% carbon dioxide and consequently utilizing biogas for power, heat generation and/or displacing fossil transportation fuels will significantly reduce the amount of greenhouse gases released into the atmosphere.

1.2. Identification of Food Waste Generators

Food waste generators are generally divided into three broad categories: Business, Institutional and Residential. Residential generators were not a major category of this study, but according to the Food Marketing Institute (FMI), they produce 44% of U.S. food waste, so attention will have to be given to this source in the future.

¹ [Assessment of Biomass Energy Potential in New Jersey \(Rutgers NJAES Sustainable Energy Working Group\)](#)

For the purposes of this study, businesses include all types of establishments, which sell, utilize or manufacture food products in the operation of their businesses. Institutions include all types of establishments, in which food is prepared and consumed, but not sold to the general public. The characteristics of each type of business and institution were looked at, and information was gathered for as many individual generators as possible, within each category.

Food waste generator types were identified by using the North American Industry Classification System (NAICS) from the U.S. Census Bureau’s American FactFinder. This service provides demographic and geographic information on municipalities, counties and states. However, the primary source of the data used in this report was the website ReferenceUSA. It provided most of the needed information for businesses and some types of institutions; however, it was limited to returning the numbers of employees for businesses, and could not return numbers of beds, students or inmates, needed for institutions. Other resources were used to obtain this information.

The numbers of employees, beds, students or inmates, of each food waste generating source, were plugged into a series of equations originally developed for the Connecticut DEP and modified and expanded upon, as needed for this study. These equations calculate the amount of annual tons for each generator.

1.3. Results

Table 1.1 is a summary of the results for each category. Appendix B contains detailed tables for each generator category.

Summary of Mercer County Food Waste by Generator Category			
Category	Number of Facilities	Annual Tons	Annual Tons per Facility
Restaurants	351	11,662	33
Food Stores	53	5,604	106
Colleges	5	1,411	282
Hospitals	9	1,301	145
Healthcare	19	895	47
Hotels	15	833	56
School Districts	11	672	61
Correctional	2	515	258
Total Food Waste		22,893	

Table 1.1

2. Introduction

This study focuses on the quantity of food waste generated by businesses and institutions in Mercer County, New Jersey. It expands the information contained in the 2007 Assessment of Biomass Energy Potential in New Jersey, conducted by the NJAES for the NJ BPU.

According to the U.S. EPA, *“The amount of food wasted in the United States is staggering. In 2010, more than 34 million tons of food waste was generated, more than any other material category but paper. Food waste accounted for almost 14 percent of the total municipal solid waste stream, less than three percent of which was recovered and recycled in 2010. The rest —33 million tons— was thrown away, making food waste the single largest component of MSW reaching landfills and incinerators.”*²

Total MSW for New Jersey in 2010 was 9,869,266 tons³. NJ DEP estimates “food scraps” are 13.9% of MSW⁴. Therefore, total FW for the state in 2010 was $(9,869,266 \times 0.139) = 1,371,827$ tons, of which 267,507 tons (19.5%) were recycled⁵.

The NJ DEP estimates that 398,031 tons of MSW were generated in Mercer County, in 2010, and 13.9% of that, or 55,325 tons, was food waste.⁶

While food waste is a major environmental problem, it is also a potential source of energy for the generation of electric power, heat and biofuels. Keeping food waste out of landfills and utilizing it as a feedstock for Anaerobic Digesters will significantly reduce the amount of greenhouse gases released into the atmosphere, and produce a relatively clean-burning biogas, which can be used in many applications, and compost. Digester gas contains 60-65% methane and 35-40% carbon dioxide⁷.

The EPA states that *“Methane (CH₄) is a greenhouse gas that remains in the atmosphere for approximately 9-15 years. Methane is over 20 times more effective in trapping heat in the atmosphere than carbon dioxide (CO₂) over a 100-year period and is emitted from a variety of natural and human-influenced sources.”*⁸

However, the EPA also states that *“Methane is also a primary constituent of natural gas and an important energy source. As a result, efforts to prevent or utilize methane emissions can provide significant energy, economic and environmental benefits.”*

² [Food Waste | Organic Materials | US EPA](#)

³ “tons” are “as disposed tons (i.e., moisture content of MSW or recyclables has not been taken into account)”: email from Ross M. Hull, Environmental Specialist 3, NJ DEP

⁴ email from Jane Kozinski, Asst. Com., 08/20/2012

⁵ http://www.state.nj.us/dep/dshw/recycling/stat_links/10disposalrates.pdf

⁶ email from Jane Kozinski, Asst. Com., 08/20/2012

⁷ [wastegascomposition.pdf \(application/pdf Object\)](#)

⁸ [Basic Information about Food Waste | Organic Materials | US EPA](#)

It was the intention of this study to collect data for each of the following types of businesses and institutions. However, useable statistics could not be obtained for Food Manufacturers and Office Building cafeterias.

- Food stores of all types
- Restaurants of all types
- Hotels
- Food Manufacturers
- Office Buildings with cafeterias
- Hospitals, Nursing and Residential Care Facilities
- Schools and Colleges
- Correctional Facilities

Relevant county demographic data were also collected.

- Numbers of each type of food waste generator
- Locations of major generators
- Population of each municipality
- Area of each municipality

The data collected during this study will be used to determine the viability of constructing and operating Anaerobic Digesters, onsite at major generators, or at local “nodes” to service a number of generators, thereby reducing or eliminating the cost of transportation to a landfill, incinerator or other facility.

The energy contained in each ton of food waste is lower than for conventional fuels; therefore, transportation distances between a source and a waste-to-energy conversion facility can be a key factor in determining the economics of a bioenergy project. Also, food waste is very dense because of its high moisture content, weighing up to 900 lbs per cubic yard.⁹ Special accommodations also need to be made for its transport to minimize leakage.

The food waste generator location information (Latitude and Longitude), collected by this study will be used to identify potential locations for Anaerobic Digesters. Maps will be created to show the locations and densities of major producers, including residential population density.

3. Food Waste Generation Assessment

The purpose of the Food Waste Generation Assessment was to look closely at the characteristics each type of food waste generating facility, and where possible, gather information from as many individual generators as possible, within each category.

⁹ [022310_hayes.pdf \(application/pdf Object\)](#)

3.1. Generator Categories

Food waste generators are generally divided into three broad categories: Business, Institutional and Residential. Residential generation was not included in this study. This decision was based on collection cost and efficiency issues associated with house-to-house food waste collection, which were beyond the scope of this study, but according to the Food Marketing Institute (FMI), residences produce 44% of U.S. food waste¹⁰, so attention will have to be given to this source in the future.

Businesses include all types of establishments, which sell, utilize or manufacture food products in the operation of their businesses. Institutions include all types of establishments, in which food is prepared and consumed, but not sold to the general public.

There are significant differences as to how the results of this study could be applied to the three categories of generators. Businesses and institutions have different motivations for making financial decisions. They use different breakeven analyses for making investments, and there are different types of incentives for each: tax breaks, grants and political considerations. Also, policies and regulations come into play.

The FMI estimates that the food waste disposal rates by generator type are

- Residential -- 44%
- Full Service Restaurants – 20%
- Quick Service Restaurants – 13%
- Grocery Stores – 11%
- Institutional – 10%
- Industrial (food manufacturing) – 2%
 - (FMI believes that 2% is too low.)

3.2. Identification of Food Waste Generators

Generator types were identified by using the North American Industry Classification System (NAICS) from the U.S. Census Bureau's American FactFinder. This service provides population, housing, economic, and geographic information on municipalities, counties and states. Tables 3.1 and 3.2, below, list the NAICS codes used in this report. Appendix A gives more detailed definitions of these codes.

The numbers of businesses and institutions, for which data were gathered, are less than the numbers shown in Tables 3.1 and 3.2, because different sources had to be used to retrieve the required data for individual businesses and institutions. Also, the *Restaurant* and *Food Store* categories were filtered to eliminate small generators. The primary source of the data used in this report was ReferenceUSA. It provided most of

¹⁰ [FMI | Food Marketing Institute | Food Waste](#)

the needed information for businesses and some types of institutions; however, as described in *Section 4.2 Amount of Waste for Each Type of Generator*, it was limited to returning the numbers of employees for businesses, and could not return numbers of beds, students or inmates, needed for institutions. Various websites were used to obtain this information.

Business Generators of Food Waste in Mercer County –US Census Bureau CB1000A1, 2010 County Business Patterns			
Description	NAICS Code	Quantity	Number of Employees
Total Food Stores (Non-specialty)	4451	184	4125
1) Supermarkets	44511	106	3733
2) Small Groceries/ Convenience Stores	44512	78	392
Specialty Food Stores	4452	40	239
Total Restaurants	722	618	10525
1) Full Service*	7221	264	5056
2) Limited Service*	7222	354	354
Hotels and Motels	72111	33	1047

Table 3.1

*These codes were changed in 2012. See Appendix A.

Institutional Generators of Food Waste in Mercer County –US Census Bureau CB1000A1, 2010 County Business Patterns			
Description	NAICS Code	Quantity	Number of Beds/ Students/Inmates
Hospitals	622	9	2084
Nursing and Residential Care Facilities	623	87	--
Colleges	6113	5	--
Junior Colleges	6112	1	--
Elementary and Secondary Schools	6111	45	--
Correctional Facilities			3366

Table 3.2

3.3. Distribution of Food Waste Generators Within the County

Latitude and longitude were recorded for each business and institution, so that GIS mapping can be used to determine the locations and concentration of generators. This information can be used to identify potential sites for the installation of Anaerobic Digesters.

3.4. Residential Population Distribution Within the County

The population and area of each municipality in the county was obtained and population per square mile calculated. Maps showing population densities can be created from this information.

Currently, the only residential curbside pickup of food waste is in Princeton Township; however, it is anticipated that residential programs will be developed, in the future, and knowing the population densities will be very important.

4. Food Waste Supply Analysis

4.1. Methodology

Reports from food waste generation studies, generated by other jurisdictions, were reviewed in an attempt to find the most accurate methodology to use for our study. Reports from Connecticut, 2001 and a 2012 update; North Carolina, 2012; Boston, MA, 2009; Hawaii, 2006; California, 2006 and others were reviewed. We found that, with the exception of the *Targeted Statewide Waste Characterization Study, June 2006*, for The California Integrated Waste Management Board¹¹, these reports contain little original research. Generally, they cite earlier studies—some from the 90's.

The studies listed above, which most closely match what we are doing, are *Identifying, Quantifying, and Mapping Food Residuals from Connecticut Businesses and Institutions, September 2001*¹²; its update: *Updated Mapping of Food Residual Generation in Connecticut Final Report - Spring 2012*¹³; and *Wind and Waste – Diversifying Boston's Renewable Energies – 2009*¹⁴.

The Connecticut report contains a set of equations for estimating food waste for several business and institutional categories. This approach appears to be logical and makes use of readily available information for the businesses and institutions being studied. These equations are shown in Table 4.1, below.

¹¹ California 2006: [Disposal\34106006.pdf \(application/pdf Object\)](#)

¹² Connecticut September 2001: [ssomreport.pdf \(application/pdf Object\)](#)

¹³ Connecticut Spring 2012: [ct_food_residual_generator_report_2012.pdf \(application/pdf Object\)](#)

¹⁴ Boston 2009: [Team_2_Final_Report.pdf \(application/pdf Object\)](#)

Food Residuals Generation Estimates by Generator Category	
Health Care	Food waste (lbs/yr) = N of beds * 3.0 meals/bed/day * 0.6 lbs food waste/meal * 365 days/yr
Hospitals	Food waste (lbs/yr) = N of beds * 5.7 meals/bed/day * 0.6 lbs food waste/meal * 365 days/yr
Colleges, Universities, and Independent Preparatory Schools	
Residential Institutions	Food waste (lbs/yr) = 0.35 lbs/meal * N of students * 405 meals/student/yr
Non-Residential Institutions (e.g., community colleges)	Food waste (lbs/yr) = 0.35 lbs/meal * N of students * 108 meals/student/yr
Correctional Facilities	
	Food waste (lbs/yr) = 1.0 lb/inmate/day * N of inmates * 365 days/yr
Supermarkets	
	Food waste (lbs/year) = N of employees * 3,000 lbs/employee/yr
Restaurants	
	Food waste (lbs/year) = N of employees * 3,000 lbs/employee/yr

Table 4.1

The original report for Connecticut DEP was produced by the consulting firm Draper/Lennon, Inc. It references a number of earlier studies to quantify the amount of food waste generated by Healthcare Facilities, Colleges and Universities, and Supermarkets. The Correctional Facilities category uses a single study of New York state correctional facilities and compares the data to a study of one facility in Connecticut.

Restaurants data were limited to only Hartford County, in the earlier 2001 report, and a detailed explanation for this was given in the report's *Section Six*. However, all restaurants statewide data were added to the updated report, by U.S. EPA Region 1 for Connecticut. After reviewing the Connecticut reports, we felt it could be worthwhile to see if the values used in the equations, such lbs/meal, lbs/inmate and lbs/employee, could be verified by other studies. As of this time, the only relevant report using original research, more recent than the 2001 Connecticut report, is the *Targeted Statewide Waste Characterization Study, June 2006*, for The California Integrated Waste Management Board.

In its Summary of Approach, it states "A total of 371 commercial sites belonging to 14 industry groups participated in the study. Sites were recruited in the heavily urbanized areas of Los Angeles, Sacramento, San Diego, and San Francisco. In general, data was gathered from each participating site to confirm its industry group and size (in

terms of numbers of employees, numbers of hotel rooms, numbers of visitors, or square footage), to quantify and characterize the materials that are diverted, and to quantify and characterize the materials that are disposed”.

It goes on to state “...Disposed waste was characterized by obtaining one or more 200-pound samples from each site and hand-sorting it into 74 material categories. Both disposal and diversion rates were determined, either on a per-employee basis (pounds per employee per year), or per room, per thousand square feet, or per visitor, as appropriate to the nature of the business.”

Four of the fourteen California industry groups are relevant to our report:

- Fast-food restaurants
- Full-service restaurants
- Food stores
- Large hotels

The findings relevant to our report are shown in Table 4.2.

Food Waste Disposal and Diversion Rates, Cascadia Consulting Group for California Integrated Waste Management Board -- 2006				
Category	Disposal lbs./employee	Diversion lbs./employee	Total Generated lbs./employee	Percent Diverted
Fast Food Restaurants	2,191	300	2,491	12.0%
Full Service Restaurants	2,910	478	3,388	14.1%
Food Stores	3,000	1,632	4,632	35.2%
Large Hotels	1,421	562	1,983	28.3%

Table 4.2

Table 4.2 raises an important question: Do these categories of waste generators, in Mercer County today, divert anything near the amount being diverted in California in 2006?

The average diversion rate for the four categories in Table 4.2 is 22.4%. As stated in *Section 2 Introduction*, the NJ DEP estimates that 19.5% of New Jersey food waste was recycled in 2010. These percentages are close to each other, and the disposal amounts in the Connecticut and California studies, for full service restaurants and food stores, are close enough that we will use the Connecticut equations for them.

4.2. Amount of Waste for Each Type of Generator

Spreadsheets were created for each type of generator and are included in Appendix B. The primary data source was the ReferenceUSA website, which claims a database of 14 million U.S. businesses.

It was searched by NAICS code and geography (Mercer County, NJ), and it returned almost all of the data needed: Name, Address, Phone Number, etc., and also Number of Employees and Latitude and Longitude, which are critical to the calculations and mapping. Other resources were used, however, where data was needed on Number of Beds, Number of Inmates and Number of Students.

For this data it was necessary to search several websites, such as the American Hospital Directory, the New Jersey Department of Corrections, the New Jersey Department of Education, and in some cases, the websites of the businesses themselves.

The results for Restaurants, Food Stores, and Large Hotels were filtered by number of employees, as described in Sections 4.2.1, 4.2.2 and 4.2.3, respectively. This was done to keep the number of generators manageable and to report only the significant generators.

4.2.1. Restaurants

Our review of the California and Connecticut studies led us to create the following equation for Fast Food Restaurants:

$$\text{Food waste (lbs/year)} = \text{N of employees} * 2,200 \text{ lbs/employee/yr}$$

This resulted in a calculated 2,444 tons of annual food waste for the seventy-four Fast Food Restaurants having more than five employees.

For Full Service Restaurants, we kept the amount of food waste per employee at 3000 lbs/year, resulting in a calculated 9,218 tons of annual food waste for the 277 restaurants having more than ten employees.

The division of restaurants into two subcategories, with different equations, creates a potential classification problem. Many of the restaurants had two NAICS codes (Appendix B Restaurants): both Full-Service Restaurants and Limit-Service Restaurants. For this study, the codes were relied on as being accurate; however, examining the resultant spreadsheet raised questions about whether certain restaurants were in fact in the right subcategory. No attempt was made to determine the number of misclassified restaurants and the impact on the results of this study.

4.2.2. Food Stores

The equation in Table 4.1 for Food Stores resulted in a calculated amount of 5,604 tons of annual food waste for the fifty-three stores included in the calculation. Supermarkets were limited to those with greater than fifteen employees; convenience and specialty food stores to those with greater than five employees.

4.2.3. Large Hotels

We created the following equation for Large Hotels, based on the California study:

$$\text{Food waste (lbs/year)} = \text{N of employees} * 1,500 \text{ lbs/employee/yr}$$

This resulted in a calculated 833 tons of annual food waste for the fifteen hotels having more than twenty employees. It is uncertain how many of the hotels at the low end of the employee range have restaurants, so it is possible that the calculated amount of food waste is high.

4.2.4. Hospitals

The equation in Table 4.1 for Hospitals uses 5.7 meals/bed/day, which seemed high. The rationale for this number is explained in *Section 4.3.1* of the Draper/Lennon report for Connecticut:

Data from seven institutions surveyed during this study provided a range of values between 4.1 meals served per day per bed and 7.4 meals served per day per bed, with a mean value of 5.7 meals served per day per bed, and a median value of 5.6 meals per day per bed. (That this value is greater than three meals per day per bed reflects the large number of staff and visitor meals prepared and served.)

This resulted in a calculated 1,301 tons of annual food waste for the nine hospitals included in the calculation.

4.2.5. Health Care Facilities

The equation in Table 4.1 for Health Care Facilities (Nursing Homes) resulted in a calculated amount of 895 tons of annual food waste for the nineteen facilities included in the calculation.

4.2.6. Colleges and Universities

Table 4.1 includes one equation for residential institutions and another for non-residential institutions, i.e. community colleges. The difference between the two is the number of meals/student/year: 405 for residential and 108 for non-residential institutions.

These equations resulted in calculated amounts of 1358 tons for the four residential institutions and seventy-three tons for the one non-residential institution.

The Draper/Lennon report does not make any mention of staff meals, and these equations do not appear to factor them in. Including staff meals could significantly increase the amount of calculated waste: according to ReferenceUSA, Princeton University has 4500 employees.¹⁵

4.2.7. Correctional Facilities

The equation in Table 4.1 for Correctional Facilities resulted in a calculated amount of 515 tons of annual food waste for the two facilities in the county.

4.2.8. Primary and Secondary Schools

None of the reports cited in *Section 4.1 Methodology* included the amount of food waste generated by primary and secondary schools; however, studies from several jurisdictions were found on the Web. These were reviewed and the results used to develop an equation, which could be applied to Mercer County schools and possibly any other school system.

The studies reviewed included one each from California, Washington, and Minnesota. Note that these studies reported either daily pounds of food waste, or annual pounds per student. The number of meals served was not a factor.

4.2.8.1. California: *Davis Joint Unified School District Food Waste Diversion Project, Final Report, July 6, 2001*¹⁶.

From the report's Executive Summary: "*The Davis Joint Unified School District piloted food waste composting systems at Birch Lane, Cesar Chavez and Pioneer Elementary schools during the 2000-2001 school year. The goal of the Food Waste Diversion Project was to develop and test site-specific systems to reduce the lunch waste stream and in particular to reduce the food waste components of the lunch waste...*"

The relevant statistics for the three schools are shown in Table 4.3

¹⁵ From data retrieved for NAICS code 611310 Colleges, Universities, and Professional Schools, for Mercer County, NJ

¹⁶ [Davis2.pdf \(application/pdf Object\)](#)

Davis, CA Unified School District			
School	Pounds of Food Waste/Day	Number of Students	Pounds/Student/Day
Birch Lane Elemen.	89.3	649	0.14
Cesar Chavez Elemen.	102	623	0.16
Pioneer Elemen.	122.6	795	0.15

Table 4.3

4.2.8.2. Washington: Food to Flowers Food Waste Composting Program.¹⁷

The Thurston County Washington Dept. of Public Works Website states that “*The Food to Flowers Program helps schools in Thurston County set up systems to compost food waste and food-soiled paper from cafeterias, and to improve their overall waste reduction and recycling efforts.*”

The results for sixteen schools are shown below in Table 4.4.

¹⁷ [Lakes F2F SummaryReport March2011rev.pdf \(application/pdf Object\)](#)

Thurston County Washington Annual Lunchroom Organic Waste Weights in Pounds/Students at Food to Flowers Schools as of March 2011		
School	Annual Pounds/ Student	Daily Pounds/ Student
Centennial	13	0.07
Hansen	20	0.11
Griffen	18	0.10
Grand Mound	23	0.13
Parkside	23	0.13
Lake	25	0.14
Mt. Simmons	25	0.14
Peter G. Schmidt	26	0.14
Black Lake	25	0.14
Turnwater Hill	25	0.14
Rainier	31	0.17
Tenino	29	0.16
East Olympia	31	0.17
Aspire	29	0.16
Mt. View	31	0.17
Pleasant Glade	36	0.20
Average		0.14
Median		0.14

Table 4.4

4.2.8.3. Minnesota: Digging Deep Through School Trash, Minnesota Pollution Control Agency, September 2010¹⁸.

From the Executive Summary: *“This report details findings from a comprehensive school waste sort and composition study conducted in 2010 The Minnesota Pollution Control Agency (MPCA), in partnership with Hennepin County and the City of Minneapolis, evaluated the waste generated at six schools over a two-day period in April 2010. The subject schools included two elementary, two middle, and two high schools and included both urban and suburban schools. All six schools had ongoing recycling and organics composting programs.”*

¹⁸ <http://www.pca.state.mn.us/index.php/view-document.html?gid=14235>

“...All the waste from the schools’ trash, organics recycling, and recycling streams was collected for two days and identified by school, the waste stream, and the day it was generated. Collected waste was then sorted into 19 material categories. This allowed analysis of total generation and composition, as well as contamination of recycling and organics recycling, and capture rates for all of the schools.”

The results for the 6 schools are shown in Table 4.5.

Digging Deep Through School Trash, Minnesota Pollution Control Agency, September 2010				
School	Students	2-Day Food Waste in Pounds	1-Day Food Waste in Pounds	Daily Food Waste/ Student in Pounds
Burroughs Ele.	762	124.4	62.2	0.08
Clark Springs Ele.	584	258.8	129.4	0.22
Northeast Mid.	519	149.7	74.85	0.14
Hopkins West JHS	856	234.7	117.35	0.14
Minnetonka HS	2775	695.54	347.77	0.13
Washburn HS	818	226.89	113.445	0.14
Average				0.14
Median				0.14

Table 4.5

The above studies show a remarkably consistent 0.14 pounds/student/day. As mentioned above, the studies did not consider the number of meals served. The consistent 0.14 pounds/student/day implies that there is a fairly constant ratio of number of meals served to number of students enrolled. Perhaps the outlier numbers in the tables above are the result of schools having ratios that differ from the norm.

From this review of these studies, an equation was formulated, which was applied to the school districts of Mercer County:

$$\text{Food waste (lbs/yr)} = 0.14 \text{ lbs/student/day} * N \text{ of students} * 180 \text{ days/year}$$

The equation resulted in a calculated amount of 672 tons of annual food waste for the eleven school districts in the county.

4.3. Summary of Mercer County Food Waste Generation

Table 4.6 summarizes, by generator category, the food waste generated in Mercer County. It is sorted from highest to lowest.

Summary of Mercer County Food Waste by Generator Category			
Category	Number of Facilities	Annual Tons	Annual Tons per Facility
Restaurants	351	11,662	33
Food Stores	53	5,604	106
Colleges	5	1,411	282
Hospitals	9	1,301	145
Healthcare	19	895	47
Hotels	15	833	56
School Districts	11	672	61
Correctional	2	515	258
Total Food Waste		22,893	

Table 4.6

The result for School Districts is different than that for the other categories because each district has several generators (schools).

4.4. Residential Population Density

Determining the amount of residential food waste was not a part of this study. However, reporting the population information provides benefits for future residential collection programs. Table 4.7 shows the population density information.

Mercer County Municipalities Population Densities			
Municipality	Population	Area in Sq. Miles	Population/ Sq. Mile
East Windsor Township	27,190	15.6	1,743
Ewing Township	35,790	15.1	2,370
Hamilton Township	88,464	39.4	2,245
Hightstown Borough	5,494	1.2	4,578
Hopewell Borough	1,922	0.8	2,403
Hopewell Township	17,304	58.0	298
Lawrence Township	33,472	21.9	1,528
Pennington Borough	2,585	1.0	2,585
Princeton Borough	12,307	1.8	6,837
Princeton Township	16,265	16.3	998
Robbinsville Township	13,642	20.7	659
Trenton City	84,913	7.5	11,322
West Windsor Township	27,165	27.0	1,006

Table 4.7

The three highest density municipalities are Trenton City, Princeton Borough and Hightstown Bureau and are bolded in the table.

5. Discussion and Conclusions

Table 4.6 shows that 22,893 tons of food waste were generated by the businesses and institutions studied for this report. In *Section 2 Introduction*, it was reported that the NJ DEP estimated that the total amount of food waste generated in Mercer County, in 2010 was 55,325 tons.

Accepting the FMI's estimate that 44% of food waste is from residential sources (*Section 3.1 Generator Categories*) leaves 56% from businesses and institutions. Dividing 22,893 by 0.56 gives a result of 40,880 tons of total food waste, which is 26% less than the DEP amount. However, the numbers of restaurants and food stores were filtered by number of employees, significantly reducing the total numbers included in the calculations.

Table 4.6 was redone to include all restaurants and food stores in the county (Table 5.1). The total Annual Tons increased to 24,972; the estimate of total food waste becomes 44,592 tons, and the difference with the DEP amount decreased to 19%. While this difference is sizable, it must be kept in mind that estimates are being compared to estimates.

In *Section 2* it is stated that the amount of MSW is an estimate, and the percentage of that, which is food waste, is an estimate. The results provided in this study were calculated based on estimates of the amount of food waste generation in other states, in several different years.

Summary of Mercer County Food Waste by Generator Category Modified to Include all Restaurants and Food Stores			
Category	Number of Facilities	Annual Tons	Annual Tons per Facility
Restaurants	745	12,799	17
Food Stores	259	6,546	38
Colleges	5	1,411	282
Hospitals	9	1,301	145
Healthcare	19	895	47
Hotels	15	833	56
School Districts	11	672	61
Correctional	2	515	258
Total Food Waste		24,972	

Table 5.1

In spite of the difference between the NJ DEP's estimate of total food waste generated in Mercer County and the results of this study, it appears that the amounts calculated by this study of Mercer County are reasonable.

After reviewing the results of this study, it was felt that calculating the county food waste density and other relevant ratios would be useful for making future comparisons with other counties. Therefore, the total food waste, from Table 4.6, was used to calculate the business and institutional Food Waste Density for the county, where $FW\ Density = 22,893\ tons / 226\ sq.\ mi. = 101.3\ tons/sq.\ mi.$ In addition, the spreadsheet titled *New Jersey Population and Food Waste by County* (Appendix C) was then created. It lists, for each county, its population, number of households, area and the amount of MSW generated. These data were used to calculate the total food waste, and several ratios, e.g. persons per household, households per square mile, food waste per person, food waste per household and food waste per square mile. It is intended to use this table to help prioritize the next counties for studying.

This study has accomplished its purpose of developing a methodology for identifying and locating the major business and institutional food waste generators in Mercer County and calculating the amount of food waste they produce. Similar studies of the other counties of New Jersey should be accomplished relatively quickly and could be started at anytime. However, one issue needs to be addressed: Reference USA limits the maximum number of records that can be downloaded to a spreadsheet to 100 at a time, when accessing their site through a public library. This becomes very tedious when retrieving data for several hundred businesses. An arrangement (subscription?) with Reference USA, permitting the downloading of any number of records, should be looked into prior to doing a study of a large county, such as Bergen or Middlesex.

6. Areas for Further Study

6.1. Food Waste as a Percentage of MSW

In this study, 13.9% has been used as the percentage of MSW that is food waste. This number was cited in *Section 2* as being reported by NJ DEP. It also appears in reports from the U.S. EPA and other organizations; however, recent searches have returned other percentages, in the range of 12.0%-12.5%. It would be useful to do some additional research to see what the current thinking on this percentage is. An accurate amount of total food waste is necessary to accurately calculate the percentages of business, institutional, and residential food waste that make up the total (See 6.2, below).

6.2. Residential Food Waste as a Percentage of Total Food Waste

Starting with an accurate amount of total food waste, for any jurisdiction where the amount is available, and then performing a study, as was done here for Mercer County, would allow the percentage generated by each category of generator to be calculated. It would be necessary to include all sizes of businesses (not filter on number of employees, as we did for restaurants and food stores) to get an accurate amount for businesses.

As an example, taking the total business and institutional food waste from Table 5.1 and dividing it by total food waste, as estimated by DEP gives: $24,972/55,325 = 45\%$; making the residential percentage 55%. These percentages are the reverse of those reported by the FMI (*Section 3.1. Generator Categories*), but are they correct for Mercer County? Or did we miss some generators?

To get the business and institutional waste up to 56%, the amount of waste would have to be $55,325/0.56 = 30,982$ Tons. It is hard to believe that 6000 tons were missed in this study. Is it possible that residential food waste is over 50%, or is total food waste actually less than 13.9% of total MSW?

These examples confirm the need for further study of the values used in this report.

Appendices

Appendix A Definitions of NAICS Codes Used in This Report

Appendix B Food Waste Tables by Generator Category

Appendix C New Jersey Population and Food Waste by County

Appendix A -- Definitions of the NAICS Codes Used in This Report

The following definitions were obtained from the NAICS Association website:

www.naics.com

445110 Supermarkets and Other Grocery (except Convenience) Stores

This industry comprises establishments generally known as supermarkets and grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included in this industry are delicatessen-type establishments primarily engaged in retailing a general line of food.

445120 Convenience Stores

This industry comprises establishments known as convenience stores or food marts (except those with fuel pumps) primarily engaged in retailing a limited line of goods that generally includes milk, bread, soda, and snacks.

445210 Meat Markets

This industry comprises establishments primarily engaged in retailing fresh, frozen, or cured meats and poultry. Delicatessen-type establishments primarily engaged in retailing fresh meat are included in this industry.

445220 Fish and Seafood Markets

This industry comprises establishments primarily engaged in retailing fresh, frozen, or cured fish and seafood products.

445230 Fruit and Vegetable Markets

This industry comprises establishments primarily engaged in retailing fresh fruits and vegetables.

445292 Confectionery and Nut Stores

This U.S. industry comprises establishments primarily engaged in retailing candy and other confections, nuts, and popcorn not for immediate consumption and not made on the premises.

45299 All Other Specialty Food Stores

This U.S. industry comprises establishments primarily engaged in retailing miscellaneous specialty foods (except meat, fish, seafood, fruit and vegetables, confections, nuts, popcorn, and baked goods) not for immediate consumption and not made on the premises.

611210 Junior Colleges

This industry comprises establishments primarily engaged in furnishing academic, or academic and technical, courses and granting associate degrees, certificates, or diplomas below the baccalaureate level. The requirement for admission to an associate or equivalent degree program is at least a high school diploma or equivalent general academic training. Instruction may be provided in diverse settings, such as the establishment's or client's training facilities, educational institutions, the workplace, or the home, and through diverse means, such as correspondence, television, the Internet, or other electronic and distance-learning methods. The training provided by these establishments may include the use of simulators and simulation methods.

611310 Colleges, Universities, and Professional Schools

This industry comprises establishments primarily engaged in furnishing academic courses and granting degrees at baccalaureate or graduate levels. The requirement for admission is at least a high school diploma or equivalent general academic training. Instruction may be provided in diverse settings, such as the establishment's or client's training facilities, educational institutions, the workplace, or the home, and through diverse means, such as correspondence, television, the Internet, or other electronic and distance-learning methods. The training provided by these establishments may include the use of simulators and simulation methods.

Illustrative Examples:

Colleges (except junior colleges)

Theological seminaries offering baccalaureate or graduate degrees

Military academies, college level

Universities

Professional schools (e.g., business administration, dental, law, medical)

621493 Freestanding Ambulatory Surgical and Emergency Centers

This U.S. industry comprises establishments with physicians and other medical staff primarily engaged in (1) providing surgical services (e.g., orthoscopic and cataract surgery) on an outpatient basis or (2) providing emergency care services (e.g., setting broken bones, treating lacerations, or tending to patients suffering injuries as a result of accidents, trauma, or medical conditions necessitating immediate medical care) on an outpatient basis. Outpatient surgical establishments have specialized facilities, such as operating and recovery rooms, and specialized equipment, such as anesthetic or X-ray equipment.

Illustrative Examples:

Freestanding ambulatory surgical centers and clinics

Freestanding trauma centers (except hospitals)

Freestanding emergency medical centers and clinics

Urgent medical care centers and clinics (except hospitals)

622110 General Medical and Surgical Hospitals

This industry comprises establishments known and licensed as general medical and surgical hospitals primarily engaged in providing diagnostic and medical treatment (both surgical and nonsurgical) to inpatients with any of a wide variety of medical conditions. These establishments maintain inpatient beds and provide patients with food services that meet their nutritional requirements. These hospitals have an organized staff of physicians and other medical staff to provide patient care services. These establishments usually provide other services, such as outpatient services, anatomical pathology services, diagnostic X-ray services, clinical laboratory services, operating room services for a variety of procedures, and pharmacy services.

623110 Nursing Care Facilities (Skilled Nursing Facilities)

This industry comprises establishments primarily engaged in providing inpatient nursing and rehabilitative services. The care is generally provided for an extended period of time to individuals requiring nursing care. These establishments have a permanent core staff of registered or licensed practical nurses who, along with other staff, provide nursing and continuous personal care services.

Illustrative Examples:

Convalescent homes or convalescent hospitals (except psychiatric)
Nursing homes
Assisted living facilities for the elderly with nursing care
Rest homes with nursing care
Inpatient care hospices

623312 Assisted Living Facilities for the Elderly

This U.S. industry comprises establishments primarily engaged in providing residential and personal care services (i.e., without on-site nursing care facilities) for (1) the elderly or other persons who are unable to fully care for themselves and/or (2) the elderly or other persons who do not desire to live independently. The care typically includes room, board, supervision, and assistance in daily living, such as housekeeping services.

Illustrative Examples:

Assisted-living facilities without on-site nursing care facilities
Rest homes without nursing care
Assisted living facilities for the elderly without nursing care

721110 Hotels (except Casino Hotels) and Motels

This industry comprises establishments primarily engaged in providing short-term lodging in facilities known as hotels, motor hotels, resort hotels, and motels. The establishments in this industry may offer food and beverage services, recreational services, conference rooms and convention services, laundry services, parking, and other services.

722511 Full-Service Restaurants

This U.S. industry comprises establishments primarily engaged in providing food services to patrons who order and are served while seated (i.e., waiter/waitress service) and pay after eating. These establishments may provide this type of food service to patrons in combination with selling alcoholic beverages, providing carryout services, or presenting live nontheatrical entertainment. Prior to 2012 this code was 722110, and it is still being used by the Census Bureau.

722513 Limited-Service Restaurants

This U.S. industry comprises establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. Food and drink may be consumed on premises, taken out, or delivered to the customer's location. Some establishments in this industry may provide these food services in combination with selling alcoholic beverages. Prior to 2012 this code was 722211, and it is still being used by the Census Bureau.

Illustrative Examples:

Delicatessen restaurants
Pizza delivery shops
Family restaurants, limited service
Takeout eating places
Fast-food restaurants
Takeout sandwich shops
Limited-service pizza parlors

Appendix B -- Food Waste Tables by Generator Category

Grocery Stores

Restaurants

Hotels

Hospitals

Healthcare Facilities

Colleges and Universities

Correctional Institutions

School Districts

Mercer County Grocery Store Food Waste -- Store Data From ReferenceUSA											
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	Location Employee Size Actual (2011)	Annual Food Waste in Tons	Latitude	Longitude
1	Wegmans	240 Nassau Park Blvd	Princeton	NJ	08540	(609) 919-9300	445110	550	825	040.303686	-074.676143
2	Shop Rite Supermarket	1750 N Olden Avenue Ext	Ewing	NJ	08638	(609) 219-0202	445110	300	450	040.248335	-074.769154
3	Shop Rite Supermarket	3373 US Highway 1	Lawrenceville	NJ	08648	(609) 275-8555	445110	273	410	040.296724	-074.681207
4	Acme	4400 S Broad St	Trenton	NJ	08620	(609) 888-9898	445110	220	330	040.181511	-074.673360
5	Acme	953 Highway 33	Trenton	NJ	08690	(609) 890-2551	445110	200	300	040.228261	-074.670526
6	Shop Rite Supermarket	319 US Highway 130	East Windsor	NJ	08520	(609) 448-1040	445110	200	300	040.278833	-074.530320
7	Shop Rite Supermarket	2555 Pennington Rd	Pennington	NJ	08534	(609) 882-0711	445110	200	300	040.306167	-074.786619
8	Shop Rite Supermarket	130 Marketplace Blvd	Trenton	NJ	08691	(609) 581-5823	445110	200	300	040.192590	-074.643709
9	Pennington Quality Market	25 Route 31 S # X	Pennington	NJ	08534	(609) 737-0058	445110	170	255	040.325763	-074.797755
10	Mc Caffrey's Princeton Market	301 N Harrison St	Princeton	NJ	08540	(609) 683-1600	445110	160	240	040.364045	-074.651262
11	Shop Rite Supermarket	1235 Highway 33	Trenton	NJ	08690	(609) 890-8088	445110	150	225	040.227673	-074.663675
12	Bottom Dollar Food	2735 S Broad St	Trenton	NJ	08610	(609) 888-1384	445110	88	132	040.190233	-074.712654
13	Super Fresh	440 US Highway 130	East Windsor	NJ	08520	(609) 918-0500	445110	88	132	040.272791	-074.541142
14	Trader Joe's	3528 US Highway 1	Princeton	NJ	08540	(609) 897-0581	445110	88	132	040.309033	-074.664983
15	Wegmans	29 Emmons Dr # G30	Princeton	NJ	08540	(609) 243-8900	445110	88	132	040.311874	-074.665766
16	Super Fresh	2465 S Broad St # C1	Trenton	NJ	08610	(609) 888-4609	445110	84	126	040.192094	-074.721097
17	Acme	2495 US Highway 1 # 2	Lawrenceville	NJ	08648	(609) 883-9706	445110	80	120	040.259278	-074.726133
18	Risoldi's Market	3100 Quakerbridge Rd	Trenton	NJ	08619	(609) 586-5751	445110	80	120	040.246919	-074.686577
19	Marrazzo's Thriftway	1400 Parkway Ave	Ewing	NJ	08628	(609) 434-0020	445110	35	53	040.266931	-074.806310
20	Supreme Food Market	410 Lalor St	Trenton	NJ	08611	(609) 393-1988	445110	35	53	040.198465	-074.752270
21	Whole Foods Market	3495 US Highway 1 # 3	Princeton	NJ	08540	(609) 799-2919	445110	30	45	040.309297	-074.665070
22	Save-A-Lot	1601 Greenwood Ave	Trenton	NJ	08609	(609) 631-8174	445110	20	30	040.225750	-074.732834
23	Save-A-Lot	1510 N Olden Avenue Ext	Ewing	NJ	08638	(609) 396-0329	445110	17	26	040.242643	-074.753307
	Total for Supermarkets > 15 Employees								5,034		

Mercer County Grocery Store Food Waste -- Store Data From ReferenceUSA											
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	Location Employee Size Actual (2011)	Annual Food Waste in Tons	Latitude	Longitude
1	Wawa Food Market	3800 Quakerbridge Rd	Trenton	NJ	08619	(609) 584-8708	445120	30	45	040.264788	-074.675613
2	Wawa Food Market	140 University Pl	Princeton	NJ	08540	(609) 921-3677	445120	26	39	040.342921	-074.660291
3	Wawa Food Market	104 Hickory Corner Rd # A	East Windsor	NJ	08520	(609) 448-9552	445120	25	38	040.260828	-074.549648
4	Wawa Food Market	2001 Highway 33	Trenton	NJ	08690	(609) 890-7653	445120	22	33	040.222985	-074.647214
5	Wawa Food Market	2004 Nottingham Way	Trenton	NJ	08619	(609) 586-6616	445120	21	32	040.233325	-074.709541
6	Quick Chek	129 Route 31 N	Pennington	NJ	08534	(609) 730-9822	445120	15	23	040.356750	-074.798095
7	7-Eleven	2100 Pennington Rd	Ewing	NJ	08638	(609) 771-1535	445120	11	17	040.277265	-074.779958
8	7-Eleven	559 Lalor St	Trenton	NJ	08611	(609) 989-4763	445120	11	17	040.198785	-074.749201
9	Cosmetics Plus	163 Mercer St	Trenton	NJ	08611	(609) 520-0066	445120	10	15	040.217048	-074.760882
10	7-Eleven	415 Lawrenceville Rd	Trenton	NJ	08648	(609) 392-0979	445120	9	14	040.251319	-074.742771
11	7-Eleven	1517 Pennington Rd	Ewing	NJ	08618	(609) 771-1185	445120	8	12	040.250337	-074.776437
12	7-Eleven	2201 S Broad St	Trenton	NJ	08610	(609) 888-0509	445120	8	12	040.196768	-074.717747
13	7-Eleven	2583 Whitehorse Mercerville Rd	Trenton	NJ	08619	(609) 586-3527	445120	8	12	040.237224	-074.695717
14	7-Eleven	828 N Olden Ave	Trenton	NJ	08638	(609) 396-0043	445120	8	12	040.237258	-074.747185
15	Express Food Market	1469 Nottingham Way # 1	Trenton	NJ	08609	(609) 586-2929	445120	8	12	040.231755	-074.723063
16	Quik Trip	303 Brunswick Cir	Lawrenceville	NJ	08648	(609) 393-0931	445120	7	11	040.245086	-074.747560
17	7-Eleven	46 Twin Rivers Dr	East Windsor	NJ	08520	(609) 443-3111	445120	6	9	040.260727	-074.487523
18	7-Eleven	222 Dutch Neck Rd # 1	Hightstown	NJ	08520	(609) 443-2977	445120	6	9	040.269366	-074.544007
19	On The Run	1500 Pennington Rd	Ewing	NJ	08618	(609) 771-0013	445120	6	9	040.250209	-074.775329
	Total for Convenience Stores > 5 Employees								368		
1	Trenton Halal Packing Co	610 Roebling Ave	Trenton	NJ	08611	(609) 394-0331	445210	12	18	040.211273	-074.746032
2	Colonial Farms	137 E State St	Trenton	NJ	08608	(609) 695-8307	445210	8	12	040.219746	-074.762492
3	Honeybaked Ham	3371 US Highway 1 # 159	Lawrenceville	NJ	08648	(609) 452-1011	445210	8	12	040.296714	-074.681207
	Total for Meat Markets > 5 Employees								42		

Grocery Stores Sheet 1

Mercer County Grocery Store Food Waste -- Store Data From ReferenceUSA											
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	Location Employee Size Actual (2011)	Annual Food Waste in Tons	Latitude	Longitude
1	Nassau Street Seafood-Produce	256 Nassau St	Princeton	NJ	08542	(609) 921-0620	445220	10	15	040.352341	-074.651076
	Total for Seafood Markets > 5 Employees								15		
1	Cuttler Produce	619 Route 33 E	Hightstown	NJ	08520	(609) 371-2010	445230	20	30	040.264302	-074.529086
2	Hamilton Farmers Market	372 Highway 33	Mercerville	NJ	08619	(609) 890-8910	445230	10	15	040.233065	-074.685313
3	Pineland Farms	960 Spruce St	Trenton	NJ	08648	(609) 392-1550	445230	9	14	040.244443	-074.750266
	Total for Produce Markets > 5 Employees								59		
1	Bon Appetit	301 N Harrison St # 45	Princeton	NJ	08540	(609) 924-7755	445292	25	38	040.364045	-074.651262
	Total for Confectionery/Nut Stores > 5 Employees								38		
1	Halo Farm	970 Spruce St	Trenton	NJ	08648	(609) 695-3311	445299	20	30	040.244653	-074.751570
2	Carter & Cavero Old World	27 Palmer Sq W	Princeton	NJ	08542	(609) 356-0215	445299	7	11	040.349730	-074.661592
3	Russert's Deli & Food Market	35 Robbinsville Allentown # 35	Robbinsville	NJ	08691	(609) 259-7900	445299	6	9	040.213423	-074.620256
	Total for Other Specialty Food Stores > 5 Employees								50		
53	Total for all Food Stores							3736	5,604		

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
1	Panera Bread	510 Nassau Park Blvd	Princeton	NJ	08540	(609) 514-1456	722511	311811	55	61	040.303212	-074.680959
2	Panera Bread	375 Marketplace Blvd	Hamilton	NJ	08691	(609) 585-4007	722511	311811	46	51	040.194405	-074.641504
3	Panera Bread	136 Nassau St	Princeton	NJ	08542	(609) 683-5222	722511	311811	45	50	040.350453	-074.658335
4	Fedora Cafe	2633 Main St # 101	Trenton	NJ	08648	(609) 895-0844	722511	311811	12	13	040.297580	-074.729797
5	Main Street Kingston Eatery	56 Main Blvd	Ewing	NJ	08618	(609) 921-2778	722511	311811	10	11	040.267695	-074.788622
6	Saladworks	957 Highway 33 #9	Trenton	NJ	08690	(609) 890-2410	722511	311991	20	22	040.229028	-074.669239
7	Metro North	378 Alexander St	Princeton	NJ	08540	(609) 454-3121	722511	423450	12	13	040.334836	-074.654127
8	Saladworks	957 E State St # 33	Trenton	NJ	08609	(609) 890-3470	722511	424490	15	17	040.224380	-074.741536
9	Food For Life	168 Caroline Ave	Trenton	NJ	08610	(609) 392-5830	722511	445110	12	13	040.196535	-074.742946
10	Seafood Number 1	84 Pennington Ave	Trenton	NJ	08618	(609) 394-1288	722511	445220	12	13	040.227801	-074.766519
11	Everything Yogurt & Salad Cafe	50 E State St # 208	Trenton	NJ	08608	(609) 396-3809	722511	445299	15	17	040.220599	-074.765047
	Misc. Limited Service Restaurants >5 Employees									279		
1	Red Robin Gourmet Burgers	325 Marketplace Blvd	Trenton	NJ	08691	(609) 585-1100	722511	722513	85	94	040.194153	-074.641882
2	Mc Donald's	1885 N Olden Avenue Ext	Ewing	NJ	08638	(609) 883-2815	722511	722513	80	88	040.249848	-074.779870
3	Mc Donald's	103 Cass St	Trenton	NJ	08611	(609) 394-2200	722511	722513	75	83	040.208165	-074.750715
4	Mc Donald's	410 Highway 33	Trenton	NJ	08619	(609) 890-9605	722511	722513	63	69	040.233084	-074.684229
5	Mc Donald's	301 Brunswick Cir	Lawrenceville	NJ	08648	(609) 394-2800	722511	722513	60	66	040.245086	-074.747560
6	Mc Donald's	496 US Highway 130	East Windsor	NJ	08520	(609) 443-4433	722511	722513	52	57	040.268645	-074.543207
7	Chili's Grill & Bar	125 Marketplace Blvd	Trenton	NJ	8691	(609) 585-0028	722511	722513	50	55	040.192910	-074.643662
8	Hooters	400 Mercer Mall	Princeton	NJ	08540	(609) 520-9464	722511	722513	50	55	040.356250	-074.650218
9	Mc Donald's	855 Marketplace Blvd	Trenton	NJ	08691	(609) 581-9600	722511	722513	50	55	040.198305	-074.637082
10	On The Border Mexican Grill	3567 US Rt 1	West Windsor	NJ	08550	(609) 681-5656	722511	722513	50	55	040.292068	-074.619372
11	Mc Donald's	2603 S Broad St	Trenton	NJ	08610	(609) 888-9824	722511	722513	48	53	040.192051	-074.715714
12	Quiznos	75 Merrick Rd	Trenton	NJ	08691	(609) 585-1222	722511	722513	48	53	040.177663	-074.623173
13	Chili's Grill & Bar	3465 US Highway 1	Princeton	NJ	8540	(609) 987-8020	722511	722513	45	50	040.306449	-074.669764
14	Mc Donald's	603 Cass St	Trenton	NJ	08611	(609) 394-3875	722511	722513	42	46	040.205725	-074.754044
15	IHOP Restaurant	787 Highway 33	Trenton	NJ	08619	(609) 588-9994	722511	722513	40	44	040.229611	-074.676257
16	Wendy's	1730 N Olden Avenue Ext	Ewing	NJ	08638	(609) 771-4147	722511	722513	40	44	040.248126	-074.767556
17	Chuck E Cheese's	520 Nassau Park Blvd	Princeton	NJ	8540	(609) 514-0908	722511	722513	39	43	040.303147	-074.681038
18	Wendy's	198 Dutch Neck Rd	Hightstown	NJ	08520	(609) 371-7662	722511	722513	38	42	040.264302	-074.529086
19	Wendy's	1001 Highway 33	Trenton	NJ	08690	(609) 689-1942	722511	722513	37	41	040.227386	-074.667419
20	Burger King	21 Route 31 S	Pennington	NJ	08534	(609) 730-0999	722511	722513	35	39	040.324209	-074.799338
21	Burger King	2700 S Broad St	Trenton	NJ	08610	(609) 888-3652	722511	722513	35	39	040.191782	-074.712542
22	Chick-Fil-A	555 Marketplace Blvd	Hamilton	NJ	8691	(609) 581-7601	722511	722513	35	39	040.196363	-074.638823
23	Burger King	450 US Highway 130	East Windsor	NJ	08520	(609) 448-9646	722511	722513	34	37	040.264302	-074.529086
24	Taco Bell	25 Princeton Hightstown Rd	East Windsor	NJ	08520	(609) 448-2110	722511	722513	32	35	040.273724	-074.539749
25	Wendy's	3477 US Highway 1	Princeton	NJ	08540	(609) 514-8790	722511	722513	31	34	040.309035	-074.668802
26	Burger King	1839 US Highway 1	Trenton	NJ	08648	(609) 394-2851	722511	722513	30	33	040.249338	-074.737484
27	Five Guys Burgers & Fries	7 Scotch Rd	Ewing	NJ	08628	(609) 882-7999	722511	722513	30	33	040.264676	-074.801800
28	Taco Bell	3200 S Broad St	Trenton	NJ	08610	(609) 585-9555	722511	722513	30	33	040.188660	-074.704156

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
29	Taco Bell	91 Sloan Ave	Trenton	NJ	08619	(609) 890-1515	722511	722513	30	33	040.249562	-074.687589
30	Wendy's	2465 S Broad St # 37	Trenton	NJ	08610	(609) 888-5580	722511	722513	30	33	040.192094	-074.721097
31	KFC	1565 Princeton Ave	Ewing	NJ	08638	(609) 392-9045	722511	722513	28	31	040.241845	-074.751268
32	IHOP Restaurant	811 Parkside Ave	Trenton	NJ	08618	(609) 882-9083	722511	722513	27	30	040.237583	-074.785165
33	Burger King	1673 N Olden Avenue Ext	Ewing	NJ	08638	(609) 620-0374	722511	722513	25	28	040.245937	-074.764179
34	Burger King	200 Uncle Petes Rd	Trenton	NJ	08691	(609) 585-1155	722511	722513	25	28	040.176051	-074.635886
35	KFC	1191 Whitehorse Mercerville Rd	Trenton	NJ	08619	(609) 585-5973	722511	722513	25	28	040.208981	-074.693634
36	Wendy's	750 US Highway 130	Trenton	NJ	08691	(609) 581-0783	722511	722513	25	28	040.195818	-074.645914
37	Burger King	3160 Quakerbridge Rd	Trenton	NJ	08619	(609) 584-6208	722511	722513	24	26	040.248743	-074.685784
38	Pizza Hut	2458 US Highway 1	Trenton	NJ	08648	(609) 883-8703	722511	722513	24	26	040.257504	-074.725560
39	Taco Bell	1760 N Olden Avenue Ext	Ewing	NJ	08638	(609) 883-2910	722511	722513	23	25	040.248764	-074.770344
40	KFC	40 Princeton Hightstown Rd	East Windsor	NJ	08520	(609) 426-0709	722511	722513	21	23	040.274910	-074.540502
41	Boston Market	1729 N Olden Avenue Ext	Ewing	NJ	08638	(609) 219-1333	722511	722513	20	22	040.246812	-074.768510
42	Chee Burger Chee Burger	3349 US Highway 1 # 70	Lawrenceville	NJ	8648	(609) 799-2222	722511	722513	20	22	040.295684	-074.682592
43	Papa John's Pizza	175 Washington Rd	Princeton	NJ	08540	(609) 419-0900	722511	722513	20	22	040.327150	-074.631735
44	Popeye's Chicken & Biscuits	2595 Nottingham Way	Trenton	NJ	08619	(609) 586-8595	722511	722513	20	22	040.234555	-074.693106
45	SUBWAY	1201 Whitehorse Mercerville #A	Trenton	NJ	08619	(609) 581-8120	722511	722513	20	22	040.209307	-074.693506
46	Taco Bell	590 S Broad St	Trenton	NJ	08611	(609) 695-9300	722511	722513	20	22	040.210550	-074.756538
47	Domino's Pizza	1100 US Highway 130	Robbinsville	NJ	08691	(609) 208-0600	722511	722513	19	21	040.213614	-074.625187
48	Domino's Pizza	104 Hickory Corner Rd # B	East Windsor	NJ	8520	(609) 443-0888	722511	722513	18	20	040.260828	-074.549648
49	Domino's Pizza	807 S Olden Ave	Trenton	NJ	08610	(609) 392-3200	722511	722513	18	20	040.216198	-074.729600
50	Popeye's Chicken & Biscuits	1605 N Olden Avenue Ext	Ewing	NJ	08638	(609) 396-7150	722511	722513	18	20	040.243533	-074.758764
51	Burger King	1700 Nottingham Way	Trenton	NJ	08619	(609) 584-6957	722511	722513	17	19	040.232511	-074.717043
52	Papa John's Pizza	203 Scotch Rd	Ewing	NJ	08628	(609) 530-0193	722511	722513	17	19	040.277675	-074.806274
53	Domino's Pizza	61 State Rd	Princeton	NJ	8540	(609) 688-6870	722511	722513	16	18	040.364721	-074.664284
54	Domino's Pizza	33 Princeton Hightstown Rd	Princeton Jct	NJ	08550	(609) 897-0888	722511	722513	16	18	040.317682	-074.619982
55	KFC	1284 S Broad St	Trenton	NJ	08610	(609) 394-9727	722511	722513	15	17	040.203128	-074.740063
56	Domino's Pizza	1805 N Olden Avenue Ext	Ewing	NJ	8638	(609) 883-1000	722511	722513	14	15	040.252225	-074.759796
57	Papa John's Pizza	400 US Highway 130	East Windsor	NJ	08520	(609) 371-7272	722511	722513	13	14	040.274003	-074.537915
58	#1 Asian Bistro	100 Flock Rd	Trenton	NJ	08619	(609) 586-8006	722511	722513	12	13	040.249034	-074.681623
59	Captain Paul's Firehouse Dogs	2230 Princeton Pike	Lawrenceville	NJ	08648	(609) 323-7253	722511	722513	12	13	040.255880	-074.736724
60	Franky's	1500 S Clinton Ave # 1	Trenton	NJ	08610	(609) 777-5337	722511	722513	12	13	040.204819	-074.739865
61	King Foods	960 Spruce St	Trenton	NJ	08648	(609) 989-1047	722511	722513	12	13	040.244443	-074.750266
62	DQ Grill & Chill	200 Marketplce Blvd	Trenton	NJ	08691	(609) 581-2722	722511	722515	15	17	040.193720	-074.642080
63	Nathans Famous Hot Dogs & Hm	553 US Highway 130 # 319	Trenton	NJ	08691	(609) 581-2222	722511	722515	13	14	040.187189	-074.655415
	Limited Service Restaurants >5 Employees									2,165		

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
1	Cheesecake Factory	3320 US Highway 1	Lawrence Twp	NJ	08648	(609) 275-5887	722511		250	375	040.287514	-074.681567
2	Olive Garden Italian Rstrnt	3345 US Highway 1	Lawrenceville	NJ	08648	(609) 987-9207	722511		150	225	040.294442	-074.682990
3	Cracker Barrel Old Country Str	825 Marketplace Blvd	Trenton	NJ	8691	(609) 581-5462	722511		130	195	040.197641	-074.637473
4	Romano's Macaroni Grill	3569 US Highway 1	Princeton	NJ	08540	(609) 520-9700	722511		110	165	040.316227	-074.657926
5	TGI Friday's	3535 US Highway 1 # 275	Princeton	NJ	08540	(609) 520-0378	722511		101	152	040.314764	-074.660996
6	Rho	50 River View Plz	Trenton	NJ	08611	(609) 393-7300	722511		100	150	040.204351	-074.761798
7	K C Prime Restaurant	4160 Quakerbridge Rd	Trenton	NJ	08648	(609) 275-5418	722511		99	149	040.289474	-074.677040
8	Uno Chicago Grill	225 Sloan Ave	Trenton	NJ	08619	(609) 890-0864	722511		98	147	040.250298	-074.691409
9	Red Lobster	3255 US Highway 1	Lawrence Twp	NJ	08648	(609) 896-1011	722511		95	143	040.290853	-074.688584
10	Ruby Tuesday	500 Marketplace Blvd	Trenton	NJ	08691	(609) 581-7232	722511		90	135	040.194881	-074.640424
11	TGI Friday's	780 US Highway 130	Trenton	NJ	08691	(609) 581-6910	722511		90	135	040.197644	-074.642017
12	On The Border Mexican Grill	3567 US Highway 1	Princeton	NJ	08540	(609) 987-9222	722511		86	129	040.316227	-074.657926
13	Triumph Brewing Co	138 Nassau St # A	Princeton	NJ	08542	(609) 924-7855	722511		86	129	040.350388	-074.658160
14	TGI Friday's	319 US Highway 130 # 30	East Windsor	NJ	08520	(609) 490-1450	722511		80	120	040.278833	-074.530320
15	Jt's Restaurant & Pub	399 Monmouth St	East Windsor	NJ	08520	(609) 490-0001	722511		80	120	040.270104	-074.506475
16	Witherspoon Grill	57 Witherspoon St	Princeton	NJ	08542	(609) 924-6011	722511		80	120	040.350089	-074.659722
17	Outback Steakhouse	740 US Hwy No 130	Mercerville	NJ	08619	(609) 581-4350	722511		75	113	040.237224	-074.695717
18	Americana Diner & Restaurant	359 US Highway 130	East Windsor	NJ	08520	(609) 448-4477	722511		75	113	040.275711	-074.534930
19	Applebee's Neighborhood Grill	3330 US Highway 1	Trenton	NJ	08648	(609) 799-9559	722511		70	105	040.293978	-074.682566
20	Big Fish Seafood Bistro	3535 US Highway 1 # 8	Princeton	NJ	08540	(609) 919-1179	722511		70	105	040.314764	-074.660996
21	Perkins Restaurant & Bakery	50 Princeton Hightstown Rd	East Windsor	NJ	08520	(609) 443-0722	722511		60	90	040.274932	-074.541994
22	Alchemist & Barrister	28 Witherspoon St	Princeton	NJ	08542	(609) 924-5555	722511		60	90	040.350608	-074.660478
23	Charlie Brown's Steakhouse	2110 Whitehorse Mercerville Rd	Mercerville	NJ	8619	(609) 584-0222	722511		60	90	040.227102	-074.687344
24	Golden China Restaurant	51 Texas Ave	Lawrenceville	NJ	08648	(609) 882-6990	722511		60	90	040.296138	-074.731189
25	J B Winberie Restaurant & Bar	1 Palmer Sq E # 1	Princeton	NJ	08542	(609) 921-0700	722511		60	90	040.349404	-074.660736
26	Sticky Wicket	2465 S Broad St # F1	Trenton	NJ	08610	(609) 439-0007	722511		60	90	040.192094	-074.721097
27	Golden Dawn Diner III	2090 Whitehorse Mercerville Rd	Mercerville	NJ	08619	(609) 890-2606	722511		59	89	040.226867	-074.687326
28	Joe's Crab Shack	3191 US Highway 1	Lawrenceville	NJ	08648	(609) 896-0360	722511		55	83	040.287637	-074.692176
29	Mediterra Restaurant & Bar	29 Hulfish St	Princeton	NJ	08542	(609) 252-9680	722511		55	83	040.350784	-074.662166
30	Wildflowers Restaurant	2572 Pennington Rd	Pennington	NJ	08534	(609) 737-2392	722511		50	75	040.309482	-074.786304
31	Freddie's Tavern Inc	12 Railroad Ave	Ewing	NJ	08628	(609) 882-9845	722511		49	74	040.260482	-074.815214
32	Elements Restaurant	163 Bayard Ln	Princeton	NJ	08540	(609) 924-0078	722511		45	68	040.355102	-074.668978
33	Applebee's Neighborhood Grill	333 Highway 33	Trenton	NJ	08619	(609) 890-2828	722511		40	60	040.232691	-074.686787
34	Bill's Olde Tavern	2694 Nottingham Way	Trenton	NJ	08619	(609) 586-0192	722511		40	60	040.236837	-074.688500
35	City Streets Cafe	510 US Highway 130	East Windsor	NJ	8520	(609) 426-9400	722511		40	60	040.267966	-074.543802
36	Teresa's Caffe	23 Palmer Sq E	Princeton	NJ	08542	(609) 921-1974	722511		38	57	040.350003	-074.660728
37	P J's Pancake House Restaurant	154 Nassau St	Princeton	NJ	08542	(609) 924-1353	722511		35	53	040.350319	-074.657525
38	Outback Steakhouse	740 US Highway 130	Trenton	NJ	08691	(609) 581-2444	722511		30	45	040.195626	-074.642626
39	Amici Milano Restaurant	600 Chestnut Ave	Trenton	NJ	08611	(609) 396-6300	722511		30	45	040.210863	-074.746103
40	Blue Point Grill	258 Nassau St	Princeton	NJ	08542	(609) 921-1211	722511		30	45	040.352540	-074.651146

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
41	Ferry House	32 Witherspoon St	Princeton	NJ	08542	(609) 924-2488	722511		30	45	040.350761	-074.660537
42	T J's Pizzeria	25 Route 31 S # O	Pennington	NJ	08534	(609) 737-7166	722511		30	45	040.325763	-074.797755
43	Tessara	812 Highway 33	Trenton	NJ	08619	(609) 584-1700	722511		28	42	040.230960	-074.675061
44	Quinn Family Restaurants	101 Nassau Park Blvd	Princeton	NJ	08540	(609) 987-8404	722511		27	41	040.303227	-074.676933
45	Amarone's Windsor Inn	29 Church St	Windsor	NJ	08561	(609) 448-7144	722511		25	38	040.245131	-074.575251
46	Blue Bottle Cafe	101 E Broad St	Hopewell	NJ	08525	(609) 333-1710	722511		25	38	040.391222	-074.752971
47	Conte's Pizzeria	339 Witherspoon St	Princeton	NJ	8542	(609) 921-8041	722511		25	38	040.359715	-074.663359
48	Crystal Diner	2009 US Highway 1	Trenton	NJ	8648	(609) 392-3500	722511		25	38	040.251362	-074.735409
49	Fernando Grille	173 Mercer St	Hightstown	NJ	08520	(609) 443-4488	722511		24	36	040.267713	-074.526226
50	Padrino's Bistro	2452 Kuser Rd # F	Trenton	NJ	08690	(609) 587-7575	722511		24	36	040.204707	-074.663583
51	Boston Market	770 Highway 33	Trenton	NJ	08619	(609) 631-9200	722511		22	33	040.231433	-074.675588
52	Princetonian Diner	3509 US Highway 1	Princeton	NJ	08540	(609) 452-2272	722511		21	32	040.310976	-074.663893
53	P F Chang's China Bistro	3545 US Highway 1	Princeton	NJ	08540	(609) 799-5163	722511		20	30	040.314622	-074.658593
54	Acacia	2637 Main St	Lawrenceville	NJ	08648	(609) 895-9885	722511		20	30	040.297619	-074.729761
55	Clairmont Diner	431 US Highway 130	East Windsor	NJ	8520	(609) 443-8222	722511		20	30	040.271541	-074.538258
56	De Lorenzos Tomato Pies	2350 Highway 33 # 105	Robbinsville	NJ	8691	(609) 341-8480	722511		20	30	040.218369	-074.627949
57	Gary & Lenny's Ny Rstrnt-Deli	3331 US Highway 1	Lawrence Twp	NJ	08648	(609) 716-8300	722511		20	30	040.294962	-074.683042
58	Leonardo's	2021 US Highway 1	Lawrenceville	NJ	08648	(609) 396-4466	722511		20	30	040.251881	-074.734764
59	Mahzu Japanese Restaurant	761 Route 33 W # 302	Hightstown	NJ	08520	(609) 371-2888	722511		20	30	040.257401	-074.548751
60	Massimo's Trattoria	1035 Washington Blvd	Trenton	NJ	08691	(609) 448-2288	722511		20	30	040.223750	-074.635534
61	Metro Grill	172 Scotch Rd	Ewing	NJ	08628	(609) 882-2800	722511		20	30	040.273900	-074.803207
62	Michael's Restaurant	2991 US Highway 1	Lawrenceville	NJ	08648	(609) 530-1676	722511		20	30	040.276281	-074.706111
63	Pat's Original Diner	1300 S Broad St	Trenton	NJ	08610	(609) 392-2024	722511		20	30	040.202919	-074.739558
64	Prestige Diner	610 Route 33 E	East Windsor	NJ	08520	(609) 443-1211	722511		20	30	040.267173	-074.492737
65	Tropical Family Restaurant	778 Centre St	Trenton	NJ	08611	(609) 393-0076	722511		20	30	040.198017	-074.756217
66	Yankee Doodle Tap Room	10 Palmer Sq E	Princeton	NJ	08542	(609) 688-2600	722511		20	30	040.350307	-074.660852
67	Gallery Cafe At 206	206 Carnegie Ctr	Princeton	NJ	08540	(609) 734-0074	722511		18	27	040.320680	-074.648645
68	Princeton Sports Bar & Grill	128 1/2 Nassau St	Princeton	NJ	08542	(609) 921-7555	722511		18	27	040.350278	-074.658730
69	Moe's Southwest Grill	104 Hickory Corner Rd # 104	East Windsor	NJ	08520	(609) 443-6637	722511		16	24	040.260828	-074.549648
70	Palace	540 Lawrence Square Blvd S	Trenton	NJ	08648	(609) 689-1500	722511		16	24	040.271596	-074.672168
71	Paulies Anna Rose	234 W Upper Ferry Rd	Ewing	NJ	08628	(609) 882-1150	722511		16	24	040.259911	-074.832479
72	Brewsters Pub	529 US Highway 130	East Windsor	NJ	08520	(609) 448-8012	722511		15	23	040.266011	-074.543335
73	Chambers Walk Catering	2667 Main St	Lawrenceville	NJ	8648	(609) 896-5995	722511		15	23	040.297886	-074.730021
74	Cheeburger Cheeburger	549 US Highway 130	Trenton	NJ	8691	(609) 585-8899	722511		15	23	040.186931	-074.655828
75	Davinci Pizza	625 E State St # 33	Trenton	NJ	8609	(609) 838-1565	722511		15	23	040.224380	-074.741536
76	Divots At Miry Run	106 Sharon Rd # B	Robbinsville	NJ	8691	(609) 259-1010	722511		15	23	040.214284	-074.600241
77	Elements Asia	4110 Quakerbridge Rd # 8	Lawrenceville	NJ	08648	(609) 275-4988	722511		15	23	040.282359	-074.672674
78	Massimo's Ristorante Caffè	1633 Hamilton Ave	Trenton	NJ	08629	(609) 586-3777	722511		15	23	040.222250	-074.721544
79	Penang Malaysian & Thai Cuisin	635 Nassau Park Blvd	Princeton	NJ	08540	(609) 897-9088	722511		15	23	040.302374	-074.681667
80	Revere Restaurant	802 River Rd	Ewing	NJ	08628	(609) 882-6365	722511		15	23	040.247665	-074.834346
81	Sumo Sushi Japanese Restaurant	12 S Main St	Pennington	NJ	08534	(609) 737-8788	722511		15	23	040.327702	-074.791019

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
82	Villagio Iccara Trattoria	104 Yardville Allentown Rd	Trenton	NJ	08620	(609) 585-6668	722511		15	23	040.179123	-074.669954
83	Brothers Moon	7 W Broad St	Hopewell	NJ	08525	(609) 333-1330	722511		14	21	040.388745	-074.762107
84	Edo Sushi Restaurant	25 Route 31 S # E	Pennington	NJ	08534	(609) 737-1190	722511		13	20	040.325763	-074.797755
85	5 Guys Burgers & Fries	3100 Quakerbridge Rd	Trenton	NJ	08619	(609) 890-0327	722511		12	18	040.246919	-074.686577
86	Afghan Kabob Grill LLC	888 E State St # 33	Trenton	NJ	08609	(609) 584-5566	722511		12	18	040.224192	-074.745510
87	Ajihei	11 Chambers St	Princeton	NJ	08542	(609) 252-1158	722511		12	18	040.349610	-074.662468
88	Amerasia Buffet	934 Parkway Ave	Ewing	NJ	08618	(609) 883-9883	722511		12	18	040.255376	-074.792502
89	Americana Hospitality Group	375 US Highway 130 # 102	East Windsor	NJ	08520	(609) 371-3516	722511		12	18	040.274552	-074.535509
90	Annex Restaurant	128 Nassau St # 1-2	Princeton	NJ	08542	(609) 921-7556	722511		12	18	040.350278	-074.658730
91	Asian Bistro	31 State Dr	Princeton Jct	NJ	08550	(609) 378-5412	722511		12	18	040.292068	-074.619372
92	Asian Buffet	368 Highway 33	Mercerville	NJ	08619	(609) 689-3688	722511		12	18	040.233087	-074.685393
93	Asian Halah Meat & Kabab Haus	510 US Highway 130	East Windsor	NJ	08520	(609) 443-9555	722511		12	18	040.267966	-074.543802
94	B & K Catering	890 Bear Tavern Rd	Ewing	NJ	08628	(609) 771-0400	722511		12	18	040.280301	-074.833538
95	Bagel Boys	725 Highway 33	Trenton	NJ	08619	(609) 584-0313	722511		12	18	040.230920	-074.676973
96	Bell & Whistle	9 E Broad St	Hopewell	NJ	08525	(609) 466-7800	722511		12	18	040.389159	-074.761114
97	Best Choice Restaurant	866 E State St # 33	Trenton	NJ	08609	(609) 586-8858	722511		12	18	040.223899	-074.745953
98	Best Food In Town	1605 Rev S Howard Woodson Jr W	Trenton	NJ	08638	(609) 392-8880	722511		12	18	040.237257	-074.761089
99	Best Of Both Worlds	701 E State St	Trenton	NJ	08609	(609) 503-5801	722511		12	18	040.221568	-074.749438
100	Big Easy Restaurant	120 S Warren St	Trenton	NJ	08608	(609) 989-7900	722511		12	18	040.218851	-074.765719
101	Blue Pearl Restaurant	1562 Edgewood Ave	Trenton	NJ	08618	(609) 599-2583	722511		12	18	040.236935	-074.798765
102	Cafe 3131	3131 Princeton Pike # 6-103	Lawrenceville	NJ	08648	(609) 895-0311	722511		12	18	040.283243	-074.715935
103	Capuano Italian Ristorante	2025 Old Trenton Rd	Princeton Jct	NJ	08550	(609) 426-0020	722511		12	18	040.279826	-074.569633
104	Capuano Italian Ristorante	217 Clarksville Rd	Princeton Jct	NJ	08550	(609) 897-0091	722511		12	18	040.300431	-074.641201
105	Caribbean Bar & Grill	330 Mulberry St	Trenton	NJ	08638	(609) 218-5800	722511		12	18	040.237597	-074.740155
106	Caribe & Mar & Fried Chicken	1781 E State St	Trenton	NJ	08609	(609) 890-3480	722511		12	18	040.234844	-074.729317
107	Carnegie Center Deli	506 Carnegie Ctr	Princeton	NJ	08540	(609) 452-2900	722511		12	18	040.312069	-074.654092
108	Chapin Restaurant	146 Witherspoon St	Princeton	NJ	8542	(609) 924-5772	722511		12	18	040.353765	-074.661553
109	Charlie Brown Restaurant	71 Princeton Hightstown Rd	East Windsor	NJ	8520	(609) 448-1765	722511		12	18	040.264302	-074.529086
110	Chen's Brother	2450 Kuser Rd # D	Trenton	NJ	8690	(609) 890-8288	722511		12	18	040.204707	-074.663583
111	China Chen	50 E State St	Trenton	NJ	8608	(609) 695-1982	722511		12	18	040.220599	-074.765047
112	China Express Kitchen	730 S Olden Ave	Trenton	NJ	8629	(609) 588-8886	722511		12	18	040.216974	-074.729623
113	China Grill Buffet	101 Marketplace Blvd	Trenton	NJ	8691	(609) 581-8839	722511		12	18	040.18994	-074.643743
114	China Star	240 E State St	Trenton	NJ	8608	(609) 278-1919	722511		12	18	040.22077	-074.760068
115	China Wok	52 E Broad St	Hopewell	NJ	8525	(609) 466-8888	722511		12	18	040.391051	-074.757592
116	China Wok	50 E State St	Trenton	NJ	8608	(609) 695-1982	722511		12	18	040.220599	-074.765047
117	Chuck's Wings	4592 S Broad St	Trenton	NJ	8620	(609) 585-2555	722511		12	18	040.178797	-074.67056
118	Cielo Settimo Restaurant	17 E Front St	Trenton	NJ	8608	(609) 656-8877	722511		12	18	040.218955	-074.765284
119	City Deli Health Alternative	9 N Willow St	Trenton	NJ	8608	(609) 695-1119	722511		12	18	040.220979	-074.768378
120	Cosmo Food Market	901 Brunswick Ave	Trenton	NJ	8638	(609) 695-0069	722511		12	18	040.239304	-074.750129
121	Cross Culture	301 N Harrison St # 43	Princeton	NJ	8540	(609) 688-9400	722511		12	18	040.364045	-074.651262
122	Crown Fried Chicken	2 N Broad St	Trenton	NJ	8608	(609) 278-3662	722511		12	18	040.220521	-074.763929

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
123	Crystal Garden	102 Carnegie Ctr	Princeton	NJ	8540	(609) 987-1234	722511		12	18	040.324391	-074.644120
124	D & A V A Cafeteria	101 Eggerts Crossing Rd	Trenton	NJ	8648	(609) 396-1215	722511		12	18	040.269381	-074.742383
125	Da's Kitchen	21 E Broad St	Hopewell	NJ	8525	(609) 466-8424	722511		12	18	040.389428	-074.760231
126	Daphne's Diner	1124 US Highway 130	Trenton	NJ	8691	(609) 208-3104	722511		12	18	040.218155	-074.618860
127	Delhi 6	370 US Highway 130 # 14	East Windsor	NJ	8520	(609) 918-1786	722511		12	18	040.276650	-074.536318
128	Dory's Bar	552 Lambertson St	Trenton	NJ	08611	(609) 393-0351	722511		12	18	040.208702	-074.760398
129	Dos Gringo's Southwestern Grll	20 Main St	Pennington	NJ	08534	(609) 730-8226	722511		12	18	040.325948	-074.786731
130	Dosai Place	440 US Highway 130 # 12	East Windsor	NJ	08520	(609) 490-0070	722511		12	18	040.272791	-074.541142
131	Eating Disorders Program	253 Witherspoon St	Princeton	NJ	08540	(609) 497-4490	722511		12	18	040.356840	-074.661658
132	EFES Mediterranean Grill	235 Nassau St	Princeton	NJ	08540	(609) 683-1220	722511		12	18	040.351698	-074.652158
133	El Chapin Restaurant	802 Lambertson St	Trenton	NJ	08611	(609) 278-1200	722511		12	18	040.205105	-074.759229
134	El Rancho Bar Restaurant	200 Fulton St	Trenton	NJ	08611	(609) 393-2752	722511		12	18	040.209425	-074.748885
135	El Rancho Buffet & Restaurant	659 Abbington Dr	East Windsor	NJ	08520	(609) 336-7671	722511		12	18	040.265893	-074.488740
136	Eleven Front	11 W Front St	Trenton	NJ	08608	(609) 392-6900	722511		12	18	040.219295	-074.766702
137	Ellsworth's Sunrise Cafe	33 Princeton Hightstown Rd	Princeton Jct	NJ	08550	(609) 799-3490	722511		12	18	040.317682	-074.619982
138	Elsham Restaurant	1305 Chambers St	Trenton	NJ	08610	(609) 931-0513	722511		12	18	040.206710	-074.735489
139	Emanuel & Estelle Restaurant	1855 Greenwood Ave	Trenton	NJ	08609	(609) 838-2964	722511		12	18	040.228038	-074.728133
140	Enchantment LLC	2 Sedona Blvd	Trenton	NJ	08691	(609) 585-2221	722511		12	18	040.196083	-074.627299
141	Euro Nj	212 Carnegie Ctr	West Windsor	NJ	08550	(609) 799-8712	722511		12	18	040.292068	-074.619372
142	Farherty's	1339 River Rd	Pennington	NJ	08534	(609) 737-0253	722511		12	18	040.325948	-074.786731
143	Fat Shack	1410 Parkway Ave	Ewing	NJ	08628	(609) 323-7654	722511		12	18	040.267158	-074.806759
144	Fong Wah Chinese Restaurant	215 N Hermitage Ave # 6	Trenton	NJ	08618	(609) 392-2338	722511		12	18	040.231848	-074.783593
145	Friendly's Restaurant	1027 Washington Blvd	Trenton	NJ	08691	(609) 426-9205	722511		12	18	040.218475	-074.627910
146	Gaetano's	1800 E State St # 33	Trenton	NJ	08609	(609) 588-0868	722511		12	18	040.235481	-074.730702
147	Garden Cafe & Caterers-Prnctn	59 Paul Robeson Pl	Princeton	NJ	08540	(609) 497-9622	722511		12	18	040.351613	-074.664151
148	Garibaldi Cafe & Deli	17 E Park Ave	Trenton	NJ	08610	(609) 931-9400	722511		12	18	040.196882	-074.724267
149	Golden Dragon	677 Franklin St	Trenton	NJ	08611	(609) 989-8300	722511		12	18	040.209016	-074.738330
150	Great Wall Restaurant	25 George Dye Rd	Trenton	NJ	08690	(609) 584-8866	722511		12	18	040.223874	-074.645865
151	Hacienda Real	132 Kent St	Trenton	NJ	08611	(609) 393-2479	722511		12	18	040.214260	-074.744960
152	Haley's Homemade Sandwiches	1569 Parkway Ave	Ewing	NJ	08628	(609) 883-0838	722511		12	18	040.267642	-074.813849
153	Harini Indian Restaurant	3349 US Highway 1	Lawrenceville	NJ	08648	(609) 750-0488	722511		12	18	040.295684	-074.682592
154	He Yuan Chinese Restaurant	1200 Hamilton Ave # D	Trenton	NJ	08629	(609) 989-1376	722511		12	18	040.219985	-074.732855
155	Health Nutz Cafe	1315 Whitehorse Mercerville Rd	Trenton	NJ	08619	(609) 581-0513	722511		12	18	040.212021	-074.692621
156	Hon Sushi	3349 US Highway 1 # 69	Lawrenceville	NJ	08648	(609) 269-5795	722511		12	18	040.295684	-074.682592
157	Hong Kong Restaurant	164 Hamilton Ave	Trenton	NJ	08609	(609) 989-8885	722511		12	18	040.214333	-074.754317
158	Hot Peppers	761 Route 33 W # 103	Hightstown	NJ	08520	(609) 448-3615	722511		12	18	040.257401	-074.548751
159	Houlihan's	4220 Quakerbridge Rd	Lawrence Twp	NJ	08648	(609) 419-0200	722511		12	18	040.296138	-074.731189
160	Houlihan's	3371 Brunswick Pike Route 1	Lawrenceville	NJ	08648	(609) 419-0200	722511		12	18	040.296138	-074.731189
161	Hummingbird Restaurant	29 S Warren St	Trenton	NJ	08608	(609) 278-9555	722511		12	18	040.219486	-074.766289
162	Infini-T Cafe Spice Souk	4 Hulfish St	Princeton	NJ	08542	(609) 454-3959	722511		12	18	040.350959	-074.660751
163	Island Best	2003 Greenwood Ave	Trenton	NJ	08609	(609) 584-6977	722511		12	18	040.229368	-074.725194

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
164	Island Spice Cafe	1332 E State St	Trenton	NJ	08609	(609) 570-0235	722511		12	18	040.229247	-074.736340
165	Ivy Inn	248 Nassau St	Princeton	NJ	08542	(609) 921-8555	722511		12	18	040.352368	-074.651508
166	Jersey Girl Cafe	731 E State St # 33	Trenton	NJ	08609	(609) 586-0620	722511		12	18	040.224380	-074.741536
167	Joelle Country Grill	811 Highway 33	Trenton	NJ	08619	(609) 890-0720	722511		12	18	040.229638	-074.675449
168	Just Subs Vi LLC	4110 Quakerbridge Rd	Lawrenceville	NJ	08648	(609) 936-0600	722511		12	18	040.282359	-074.672674
169	Kam Buffet	635 S Clinton Ave	Trenton	NJ	08611	(609) 392-5100	722511		12	18	040.210198	-074.754065
170	Karenzo's	11 W Front St	Trenton	NJ	08608	(609) 392-7900	722511		12	18	040.219295	-074.766702
171	Katharina's Restaurant & Ctrng	304 S Broad St	Trenton	NJ	08608	(609) 392-6260	722511		12	18	040.215700	-074.761650
172	Kenji Fusion Asian	1280 E State St # 33	Trenton	NJ	08609	(609) 785-0009	722511		12	18	040.224380	-074.741536
173	Kenji Fusion Asian	1280 Highway 33	Trenton	NJ	08690	(609) 785-0008	722511		12	18	040.227770	-074.662012
174	King Wok Chinese Restaurant	1144 Greenwood Ave	Trenton	NJ	08609	(609) 396-7227	722511		12	18	040.224103	-074.737661
175	LA Forchetta Ristorante	15 Sunnybrae Blvd	Trenton	NJ	08620	(609) 585-0071	722511		12	18	040.185653	-074.678868
176	Lakemark Grill	900 Liberty St	Trenton	NJ	08611	(609) 278-8992	722511		12	18	040.208213	-074.739444
177	Latina Americana Cafe Svc	2825 S Broad St	Trenton	NJ	08610	(609) 931-0693	722511		12	18	040.190127	-074.710221
178	Latinoamericanos	244 E State St	Trenton	NJ	08608	(609) 695-5155	722511		12	18	040.220883	-074.759939
179	Lawrence Sub Shop	4040 Quakerbridge Rd	Mercerville	NJ	08619	(609) 570-0197	722511		12	18	040.274966	-074.669966
180	Lickeddy Split	2 Walnut Ave	Trenton	NJ	08609	(609) 393-0044	722511		12	18	040.224380	-074.741536
181	Longhorn Steakhouse	185 Marketplace Blvd	Trenton	NJ	08691	(609) 585-0015	722511		12	18	040.193893	-074.642272
182	Mama Wok	238 Nassau St	Princeton	NJ	08542	(609) 921-2388	722511		12	18	040.352284	-074.652198
183	Marco's Pizza	2580 Pennington Rd	Pennington	NJ	08534	(609) 737-0072	722511		12	18	040.310017	-074.786500
184	Marsilios Kitchen	71 W Upper Ferry Rd	Ewing	NJ	08628	(609) 882-8300	722511		12	18	040.265281	-074.819453
185	Mercer Street Charcol Grill	110 Mercer St	Hightstown	NJ	08520	(609) 308-2159	722511		12	18	040.268982	-074.524261
186	Mexican Mariachi Grill	3100 Quakerbridge Rd	Trenton	NJ	08619	(609) 588-5929	722511		12	18	040.246919	-074.686577
187	Mi Tierra	1120 S Broad St	Trenton	NJ	08611	(609) 393-0622	722511		12	18	040.204239	-074.742743
188	Mi Tierra	550 S Clinton Ave	Trenton	NJ	08611	(609) 392-5970	722511		12	18	040.213006	-074.753232
189	Michel Buffet	3 Tall Timbers Dr	Princeton	NJ	08540	(609) 688-0111	722511		12	18	040.325732	-074.717983
190	Mizuii Asian Bistro Inc	800 Denow Rd # B	Pennington	NJ	08534	(609) 737-6900	722511		12	18	040.301061	-074.778595
191	Moc Moc Japanese Cuisine	14 S Tulane St	Princeton	NJ	08542	(609) 688-8788	722511		12	18	040.350511	-074.658933
192	Moondoggie Cafe	33 Witherspoon St	Princeton	NJ	08542	(609) 252-0300	722511		12	18	040.350723	-074.660113
193	Mr China	359 Pennington Ave # 8	Trenton	NJ	08618	(609) 392-0222	722511		12	18	040.235743	-074.773957
194	Mystic Grill Taco	801 S Clinton Ave	Trenton	NJ	08611	(609) 394-2777	722511		12	18	040.208887	-074.750933
195	Nassau Bagel Co	179 Nassau St	Princeton	NJ	08542	(609) 497-3275	722511		12	18	040.350363	-074.656997
196	Nate's Pub	979 Lalor St	Trenton	NJ	08610	(609) 392-8659	722511		12	18	040.200155	-074.738308
197	New China Rest	2614 Quakerbridge Rd	Trenton	NJ	08619	(609) 631-9993	722511		12	18	040.236903	-074.688278
198	New England Hotdog	1286 State Hwy No 35	Hightstown	NJ	08520	(732) 856-9160	722511		12	18	040.264302	-074.529086
199	New King Dragon Chinese Food	304 White Horse Ave	Trenton	NJ	08610	(609) 931-0792	722511		12	18	040.194310	-074.701954
200	New Manila Grill	621 US Highway 130	Trenton	NJ	08691	(609) 931-9200	722511		12	18	040.188761	-074.650928
201	New Soul Grill	1975 N Olden Avenue Ext	Ewing	NJ	08618	(609) 771-4150	722511		12	18	040.251449	-074.787910
202	Number One Chinese Restaurant	510 US Highway 130 # 16	East Windsor	NJ	08520	(609) 443-6898	722511		12	18	040.267966	-074.543802
203	Number One Chinese Restaurant	510 Uw S Hwy No 130	Hightstown	NJ	08520	(609) 443-6893	722511		12	18	040.264302	-074.529086
204	Olden Ave Diner Inc	1980 N Olden Avenue Ext	Ewing	NJ	08618	(609) 771-4443	722511		12	18	040.252711	-074.788361

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
205	Osteria Procaccini	7 Tree Farm Rd	Pennington	NJ	08534	(609) 303-0625	722511		12	18	040.335906	-074.798982
206	Palermo's	310 Klockner Rd	Trenton	NJ	08619	(609) 838-7979	722511		12	18	040.245090	-074.710041
207	Palmer's Restaurant At Nassau	10 Palmer Sq E	Princeton	NJ	08542	(609) 683-9541	722511		12	18	040.350307	-074.660852
208	Paradise Indian Cuisine	3800 Quakerbridge Rd	Trenton	NJ	08619	(609) 838-1092	722511		12	18	040.264788	-074.675613
209	Peasant Grill	21 E Broad St # 1	Hopewell	NJ	08525	(609) 466-7500	722511		12	18	040.389428	-074.760231
210	Peasants Restaurant	1701 Hamilton Ave	Trenton	NJ	08619	(609) 838-1470	722511		12	18	040.222775	-074.719525
211	Peoples Choice Restaurant	801 Prospect St	Trenton	NJ	08618	(609) 656-1223	722511		12	18	040.234018	-074.772813
212	Persis Biryani Indian Grill	3800 Quakerbridge Rd	Trenton	NJ	08619	(609) 586-9119	722511		12	18	040.264788	-074.675613
213	Pete's Steak House	1855 N Olden Avenue Ext	Ewing	NJ	08638	(609) 771-6747	722511		12	18	040.249895	-074.776793
214	Piccolo Trattoria Inc	800 Denow Rd	Pennington	NJ	08534	(609) 737-9050	722511		12	18	040.301061	-074.778595
215	Pierre's Deli	60 Lake Dr	East Windsor	NJ	08520	(609) 371-8825	722511		12	18	040.261501	-074.495616
216	Planet Avana	449 S Broad St	Trenton	NJ	08611	(609) 989-7777	722511		12	18	040.212889	-074.759169
217	Ploy Siam Thai Cuisine	1041 Washington Blvd	Trenton	NJ	08691	(609) 371-9600	722511		12	18	040.218475	-074.627910
218	Pollo Campero Restaurant	508 Hamilton Ave	Trenton	NJ	08609	(609) 571-9263	722511		12	18	040.216994	-074.744293
219	Pollo Veloz	501 Division St	Trenton	NJ	08611	(609) 392-0033	722511		12	18	040.208993	-074.744252
220	Posedon Med Bar & Grill	2360 Highway 33	Trenton	NJ	08691	(609) 233-2749	722511		12	18	040.217867	-074.626516
221	Poseidon Mediterranean Bar	2360 E State Street Ext # 33	Trenton	NJ	08619	(609) 223-2749	722511		12	18	040.237224	-074.695717
222	Positano Grill	1980 N Olden Avenue Ext # J	Ewing	NJ	08618	(609) 671-9150	722511		12	18	040.252711	-074.788361
223	Primo Hoagies	4607 Nottingham Way	Trenton	NJ	08690	(609) 586-0062	722511		12	18	040.222747	-074.641140
224	Puerto Barrios	845 Chambers St	Trenton	NJ	08611	(609) 393-3663	722511		12	18	040.212870	-074.740056
225	Pure Restaurant & Lounge	3499 US Highway 1	Princeton	NJ	08540	(609) 919-0770	722511		12	18	040.310157	-074.665910
226	Qdoba Mexican Grill	140 Nassau St	Princeton	NJ	08542	(609) 921-2031	722511		12	18	040.350761	-074.658158
227	Rainbowtown Chinese Rest	111 S Warren St	Trenton	NJ	08608	(609) 989-0277	722511		12	18	040.219003	-074.766415
228	Rat's Restaurant	16 Fairgrounds Rd	Trenton	NJ	08619	(609) 584-7800	722511		12	18	040.244730	-074.715309
229	Rincon Del Sabor	110 Main St	Hightstown	NJ	08520	(609) 426-8681	722511		12	18	040.269387	-074.523534
230	Rinconcito Guatemalteco	929 Liberty St # B	Trenton	NJ	08611	(609) 396-8300	722511		12	18	040.208350	-074.738405
231	Rinconcito Latino	317 Hudson St	Trenton	NJ	08611	(609) 396-9101	722511		12	18	040.212574	-074.750885
232	Rosa's Restaurante & Pizziera	3442 S Broad St	Trenton	NJ	08610	(609) 581-9053	722511		12	18	040.187961	-074.698225
233	Rotisserie Flair	1045 Washington Blvd	Trenton	NJ	08691	(609) 301-7888	722511		12	18	040.223637	-074.635483
234	Sal De Forte's Ristorante	1400 Parkway Ave # B7	Ewing	NJ	08628	(609) 406-0123	722511		12	18	040.266931	-074.806310
235	San Juan Cafe	105 E State St	Trenton	NJ	08608	(609) 695-2222	722511		12	18	040.219931	-074.763941
236	Saravana Bhavan	295 Princeton Hightstown Rd	Princeton Jct	NJ	08550	(609) 716-7755	722511		12	18	040.292173	-074.584530
237	Seapoint Deli Hut	9901 Seapointe Blvd	Lawrence Twp	NJ	08648	(609) 465-5930	722511		12	18	040.296138	-074.731189
238	Shrimp Boat Restaurant	312 E State St	Trenton	NJ	08608	(609) 392-6707	722511		12	18	040.220867	-074.759239
239	Silver Spoon Buffet & Grill	319 US Highway 130 # 15	East Windsor	NJ	08520	(609) 448-3899	722511		12	18	040.278833	-074.530320
240	Simon's Heaven Food Court	242 E State St	Trenton	NJ	08608	(609) 503-5329	722511		12	18	040.220779	-074.760000
241	Spigola Ristorante Vino E Ccn	3817 Crosswicks Hamilton Sq Rd	Trenton	NJ	08691	(609) 585-5255	722511		12	18	040.191228	-074.646769
242	Steak & Salad	3320 US Highway 1 # 146	Lawrenceville	NJ	08648	(609) 799-7277	722511		12	18	040.287514	-074.681567
243	Sultan Wok & Sushi	33 Princeton Hightstown Rd # L	Princeton Jct	NJ	08550	(609) 799-9666	722511		12	18	040.317682	-074.619982
244	Super Bowl Chinese Restaurant	38 Robbinsville Allentown Rd	Trenton	NJ	08691	(609) 259-6888	722511		12	18	040.213407	-074.620067
245	Super Star East Buffet	311 Nassau Park Blvd	Princeton	NJ	08540	(609) 987-9168	722511		12	18	040.301313	-074.681390

Mercer County Restaurant Food Waste -- Restaurant Data From ReferenceUSA

Number	Company Name	Address	City	State	ZIP Code	Phone Number Combined	Primary NAICS	NAICS 1	Location Employee Size	Annual Food Waste in Tons	Latitude	Longitude
246	Superior Restaurant Group	3320 US Highway 1	Lawrenceville	NJ	08648	(609) 243-8973	722511		12	18	040.287514	-074.681567
247	Superior Restaurant Grp	1001 State Hwy No 33	Trenton	NJ	08619	(609) 689-1942	722511		12	18	040.237224	-074.695717
248	Szechuan House	2022 Nottingham Way	Trenton	NJ	08619	(609) 890-7600	722511		12	18	040.233491	-074.708718
249	Taqueria El Mariachi	109 S Olden Ave	Trenton	NJ	08609	(609) 989-8010	722511		12	18	040.225262	-074.738376
250	Taste Of Mexico	180 Nassau St	Princeton	NJ	08542	(609) 924-0500	722511		12	18	040.351050	-074.655989
251	Tattoni's Restaurant	1280 Highway 33 # 2	Trenton	NJ	08690	(609) 587-9700	722511		12	18	040.227770	-074.662012
252	Texas Roadhouse	1305 Highway 33	Trenton	NJ	08690	(609) 890-7427	722511		12	18	040.227181	-074.661663
253	Tico's Eatery & Juice Bar	33 Witherspoon St	Princeton	NJ	08542	(609) 252-0300	722511		12	18	040.350723	-074.660113
254	Tiger Noddles	3495 US Highway 1	Princeton	NJ	08540	(609) 799-1469	722511		12	18	040.309297	-074.665070
255	Tomo Japanese Restaurant	236 Nassau St	Princeton	NJ	08542	(609) 924-8897	722511		12	18	040.352100	-074.652442
256	Tonya's Cafe	200 Woolverton Ave	Trenton	NJ	08611	(609) 989-1904	722511		12	18	040.208165	-074.750715
257	Tortuga's Inc	44 Leigh Ave	Princeton	NJ	08542	(609) 924-5143	722511		12	18	040.355987	-074.664631
258	Tortugas Mexican Grill	1280 State Hwy No 33	Trenton	NJ	08619	(609) 838-9962	722511		12	18	040.237224	-074.695717
259	Toruga's Mexican	41 Leigh Ave	Princeton	NJ	08542	(609) 924-4705	722511		12	18	040.356439	-074.664850
260	Trenton Kabob House	226 E State St	Trenton	NJ	08608	(609) 278-0037	722511		12	18	040.220781	-074.760526
261	Tropical Breeze West Indian	1562 Edgewood Ave	Trenton	NJ	08618	(609) 392-3400	722511		12	18	040.236935	-074.798765
262	Ummi's Cooking	1332 E State St	Trenton	NJ	08609	(609) 570-0132	722511		12	18	040.229247	-074.736340
263	UNITELLER Financial Svc	1100 Chestnut Ave # A	Trenton	NJ	08611	(609) 392-1877	722511		12	18	040.207339	-074.745257
264	Villa Francesco's	21 Route 31 N	Pennington	NJ	08534	(609) 730-0681	722511		12	18	040.336204	-074.797594
265	Villa Mannino Ristorante	73 US Highway 130	Trenton	NJ	08620	(609) 298-9000	722511		12	18	040.164345	-074.689212
266	Villa Romanza Ristorante Itali	429 Route 156	Hamilton	NJ	08620	(609) 585-1717	722511		12	18	040.183178	-074.661565
267	Whittaker Fried Chicken	461 Whittaker Ave	Trenton	NJ	08611	(609) 777-9300	722511		12	18	040.210564	-074.748284
268	Wok L	24 Jamaica Way	Trenton	NJ	08610	(609) 585-3585	722511		12	18	040.197702	-074.687924
269	Yardy Caribbean Cafe	1980 N Olden Avenue Ext	Ewing	NJ	08618	(609) 323-7827	722511		12	18	040.252711	-074.788361
270	Yardy Food	1980 N Olden Avenue Ext	Ewing	NJ	08618	(609) 323-7490	722511		12	18	040.252711	-074.788361
271	Yummy Sushi	1400 Parkway Ave # A3	Ewing	NJ	08628	(609) 883-8818	722511		12	18	040.266931	-074.806310
272	Yummy Sushi	2350 Highway 33 # 107	Trenton	NJ	08691	(609) 259-8388	722511		12	18	040.218369	-074.627949
273	Zorba's Brother	80 Nassau St # 1	Princeton	NJ	08542	(609) 279-0999	722511		12	18	040.349854	-074.660287
274	Homestead Inn	800 Kuser Rd	Trenton	NJ	08619	(609) 890-9851	722511		11	17	040.218014	-074.712473
275	Mamma Flora's Trattoria	1750 N Olden Avenue Ext # C7	Ewing	NJ	08638	(609) 434-1188	722511		11	17	040.248335	-074.769154
276	Palace Of India	235 Nassau St # A	Princeton	NJ	08540	(609) 688-8923	722511		11	17	040.351698	-074.652158
277	Woody's Bar-B-Q	3371 US Highway 1	Lawrenceville	NJ	08648	(609) 454-3234	722511		11	17	040.296714	-074.681207
	Full Service Restaurants > 10 Employees									9,218		
351	Total for all Restaurants								8,367	11,662		

Mercer County Hotel Food Waste -- Hotel Data From ReferenceUSA											
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	Location Employee Size Actual	Annual Food Waste in Tons	Latitude	Longitude
1	Hyatt Regency-Princeton	102 Carnegie Ctr	Princeton	NJ	08540	(609)987-1234	721110	325	244	040.324391	-074.644120
2	Nassau Inn	10 Palmer Sq E	Princeton	NJ	08542	(609)921-7500	721110	190	143	040.350307	-074.660852
3	Holiday Inn	399 Monmouth St	East Windsor	NJ	08520	(609)632-0005	721110	125	94	040.270104	-074.506475
4	Chauncey Conference Ctr	660 Rosedale Rd	Princeton	NJ	08540	(609)921-3600	721110	80	60	040.346348	-074.715460
5	Residence Inn-Princeton-South	4225 US Highway 1	Princeton	NJ	08540	(609)329-9600	721110	65	49	040.356250	-074.650218
6	Courtyard-Hopewell	360 Scotch Rd	Ewing	NJ	08628	(609)771-8100	721110	60	45	040.286259	-074.810167
7	Hilton Garden Inn-Hamilton	800 US Highway 130	Trenton	NJ	08691	(609)585-6789	721110	50	38	040.198671	-074.639464
8	Element	370 Scotch Rd	Ewing	NJ	08628	(609)671-0050	721110	30	23	040.287321	-074.804850
9	Element Ewing Hopewell	1000 Sam Weinroth Rd	Ewing	NJ	08628	(609)671-0050	721110	30	23	040.285167	-074.809249
10	Residence Inn	3563 US Highway 1	Princeton	NJ	08540	(609)799-0550	721110	30	23	040.315107	-074.657996
11	Springhill Suites	1000 Charles Ewing Blvd	Ewing	NJ	08628	(609)530-0900	721110	30	23	040.252156	-074.806463
12	Comfort Inn	3270 US Highway 1	Lawrence Twp	NJ	08648	(609)896-3700	721110	25	19	040.290515	-074.686295
13	Hampton Inn	384 Monmouth St	East Windsor	NJ	08520	(609)426-1600	721110	25	19	040.269712	-074.507976
14	Hyatt Place-Princeton	3565 US Highway 1	Princeton	NJ	08540	(609)720-0200	721110	24	18	040.316920	-074.658857
15	Days Inn	460 Route 33 E	East Windsor	NJ	08520	(609)448-3200	721110	22	17	040.268289	-074.505403
15	Total for Hotels with > 20 Employees							1,111	833		

Mercer County Hospital Food Waste -- Hospital Data From ReferenceUSA and American Hospital Directory

Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	NAICS 1	Location Staffed Beds	Annual Food Waste in Tons	Latitude	Longitude
1	University Medical Ctr	253 Witherspoon St # 1	Princeton	NJ	08540	(609) 497-4310	622110	621111	406	253	040.356840	-074.661658
2	Trenton Psychiatric Hospital	101 Sullivan Way	Ewing	NJ	08628	(609) 633-1500	622210	622110	400	250	040.240799	-074.806157
3	Robert Wood Johnson Univ Hosp	Hamilton Health Pl 1	Trenton	NJ	08690	(609) 584-6500	622110		248	155	040.222854	-074.655594
4	Capital Health System-Mercer	446 Bellevue Ave	Trenton	NJ	08618	(609) 393-1640	611310	621399	202	126	040.230100	-074.777959
5	Ann Klein Forensic Center	1609 Stuyvesant Ave	West Trenton	NJ	08628	(609) 633-0900	622210		200	125	040.245773	-074.798576
6	Capital Health System Inc	408 Scotch Rd	Pennington	NJ	08534	(609) 730-4803	621493	621111	199	124	040.309080	-074.812695
7	St Francis Medical Ctr	601 Hamilton Ave	Trenton	NJ	08629	(609) 599-5000	622110		180	112	040.216339	-074.741427
8	St. Lawrence Rehab. Hospital	2381 Lawrenceville Rd.	Lawrenceville	NJ	08648	(609) 896-9500	621493	621111	139	87	040.221889	-074.641784
9	Princeton House Behavioral	905 Herrontown Rd	Princeton	NJ	08540	(609) 688-3707	622210		110	69	040.387234	-074.653162
9	Total for all Hospitals								2,084	1,301		

Mercer County Healthcare Facility Food Waste -- Facility Data From ReferenceUSA; Number of Beds from several sources												
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	NAICS 1	Number of Beds	Annual Food Waste in Tons	Latitude	Longitude
1	Acorn Glen	775 Mount Lucas Rd	Princeton	NJ	08540	(609) 430-4000	623312	623110	120	39	040.385711	-074.652640
2	Arcadia Nursing & Rehab Ctr	1501 US Hwy No 33	Hamilton Square	NJ	08690	(609) 588-1114	623110		126	41	040.222854	-074.655594
3	Bear Creek Assisted Living	291 Village Rd E # 1	West Windsor	NJ	08550	(609) 918-1075	623312	623311	100	33	040.270003	-074.592398
4	Care One At Ewing	1201 Parkway Ave	Ewing	NJ	08628	(609) 882-6900	623312	623110	100	33	040.261766	-074.799696
5	Care One At Hamilton(Asst. Liv. & Long Term)	1660 Whitehorse Hamilton Sq Rd	Trenton	NJ	08690	(609) 586-4600	623312	623110	126	41	040.213146	-074.679026
6	Community Hospice Of Greenwood	50 Walter St	Ewing	NJ	08628	(609) 883-6026	623110		162	53	040.261090	-074.800530
7	Greenwood House	53 Walter St	Ewing	NJ	08628	(609) 883-5391	621610	623311	137	45	040.261669	-074.801151
8	Hamilton Continuing Care	1059 Old Trenton Rd	Hamilton	NJ	08690	(609) 588-0091	611691	621399	180	59	040.250841	-074.655764
9	Hamilton Grove Healthcare	2300 Hamilton Ave	Trenton	NJ	08619	(609) 588-5897	621999	623110	240	79	040.230768	-074.706322
10	Lawrenceville Nursing & Rehab	112 Franklin Corner Rd	Lawrenceville	NJ	08648	(609) 896-1494	623110		100	33	040.281668	-074.716993
11	Mercerville Nursing Ctr	2240 Whitehorse Mercerville Rd	Mercerville	NJ	08619	(609) 586-7500	624310	623110	114	37	040.228746	-074.687429
12	Presbyterian Home At Wheaton	20 Lanning Blvd	East Windsor	NJ	08520	(609) 448-7738	623110		84	28	040.277174	-074.538653
13	Princeton Care Ctr	728 Bunn Dr	Princeton	NJ	08540	(609) 924-9000	624310	623110	119	39	040.380262	-074.652212
14	Providence	80 W Upper Ferry Rd	Ewing	NJ	08628	(609) 883-0020	623110		101	33	040.265926	-074.820890
15	Providence Nursing & Rehab	439 Bellevue Ave	Trenton	NJ	08618	(609) 599-2462	623110	531110	106	35	040.229207	-074.777738
16	Royal Health Gate Nursing	1314 Brunswick Ave	Trenton	NJ	08638	(609) 656-9291	623110		149	49	040.242948	-074.744115
17	St Joseph's Nursing Home	1 Bishops Dr	Lawrenceville	NJ	08648	(609) 896-0006	813319	623110	120	39	040.288391	-074.738308
18	Trent Center West Social Svc *	465 Greenwood Ave # 1	Trenton	NJ	08609	(609) 394-3587	624190	623110	327	107	040.217305	-074.752276
19	Water's Edge Convalescent Ctr	512 Union St	Trenton	NJ	08611	(609) 393-8622	623110		215	71	040.207122	-074.761525
19	Total for all Healthcare Facilities								2,726	895		

* Facility has 218 apartments. Estimate 1.5 residents per apartment.

Mercer County College and University Food Waste -- Data From ReferenceUSA and NJ Department of Education

Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	Number of Full-Time Students	Annual Food Waste in Tons	Latitude	Longitude
1	College Of New Jersey	2000 Pennington Rd	Ewing	NJ	08618	(609) 771-1855	611310	6,561	465	040.271373	-074.782903
2	Princeton Theological Seminary	64 Mercer St	Princeton	NJ	08540	(609) 497-7704	611310	499	35	040.345549	-074.665402
3	Princeton University	33 Washington Rd	Princeton	NJ	08544	(609) 258-3000	611310	7,813	554	040.339821	-074.652418
4	Rider University	2083 Lawrenceville Rd	Lawrence Twp	NJ	08648	(609) 896-5000	611310	4,294	304	040.279804	-074.738418
4	Total for all Residential Institutions							18,668	1,358		
1	Mercer County Community College	1200 Old Trenton Road	West Windsor	NJ	08550	(609)586-4800	611210	3,839	73	40.251341	-74.648767
1	Total for all Non-Residential Institutions							3,839	73		
5	Total for all Institutions							22,507	1,431		

Mercer County Correction Facilities Food Waste -- Facility Data From NJ Dept. of Corrections and Mercer County												
Number	Company Name	Address	City	State	ZIP Code	Phone Number	Primary NAICS	NAICS 1	Number of Inmates	Annual Food Waste in Tons	Latitude	Longitude
1	New Jersey State Prison (1)	2nd and Cass Streets	Trenton	NJ	08611	(609)292-9700			1,944	355	40.205594	-74.756982
2	Mercer County Correction Center (2)	1750 River Road	Lambertville	NJ	08530	(609) 583-3553			880	161	40.329027	-74.023346
2	Total for all Correction Facilities								2,824	515		

(1) Number of inmates as of 01/03/2012

(2) Number of beds

Mercer County School Districts Annual Food Waste			
Number	District	Total Enrollment	Annual Food Waste in Tons
1	Area Vocational Technical Schools of Mercer County	360	5
2	EAST WINDSOR REGIONAL SCHOOL DISTRICT	5,018	63
3	Ewing Township Public Schools	3,687	46
4	Hamilton Township	12,301	155
5	Hopewell Valley Regional School District	3,797	48
6	Lawrence Township Public Schools	4,024	51
7	Mercer County Special Services School District	555	7
8	Princeton Regional Schools	3,294	41
9	Robbinsville Public Schools	2,853	36
10	Trenton Public Schools	7,687	97
11	West Windsor-Plainsboro Regional School District	9,797	123
11	Total for all School Districts		672

Appendix C – New Jersey Population and Food Waste by County

New Jersey Population and Food Waste by County -- 2010 Data

County	Population (1)	Households (2)	Persons/ Household	Area Sq. Mi.	Population/ Sq.Mi.	Households/ Sq. Mi.	MSW Disposal Tons	MSW Recycled Tons	Total MSW Tons	Food Waste Tons (3)	Food Waste (lbs.)/ Person	Food Waste (lbs.)/ Household	Food Waste (Tons)/ Sq.Mi.
Atlantic	274,549	101,645	2.70	561	489	181	241,824	117,740	359,563	49,979	364	983	89
Bergen	905,116	333,874	2.71	234	3,865	1,426	609,889	482,484	1,092,373	151,840	336	910	648
Burlington	448,734	165,284	2.71	805	558	205	314,758	237,081	551,839	76,706	342	928	95
Camden	513,657	190,670	2.69	222	2,311	858	363,868	227,036	590,904	82,136	320	862	369
Cape May	97,265	45,420	2.14	255	381	178	91,025	69,118	160,143	22,260	458	980	87
Cumberland	156,898	50,825	3.09	489	321	104	113,950	102,869	216,819	30,138	384	1,186	62
Essex	783,969	277,426	2.83	126	6,209	2,197	454,118	370,367	824,485	114,603	292	826	908
Gloucester	288,288	102,632	2.81	325	888	316	184,038	214,568	398,606	55,406	384	1,080	171
Hudson	634,266	237,726	2.67	47	13,585	5,092	369,882	171,352	541,234	75,232	237	633	1,611
Hunterdon	128,349	47,182	2.72	430	299	110	76,176	37,792	113,968	15,842	247	672	37
Mercer	366,513	129,213	2.84	226	1,622	572	235,890	162,142	398,031	55,326	302	856	245
Middlesex	809,858	277,398	2.92	310	2,615	896	553,312	373,473	926,785	128,823	318	929	416
Monmouth	630,380	232,513	2.71	472	1,336	493	430,089	316,854	746,943	103,825	329	893	220
Morris	492,276	178,638	2.76	469	1,050	381	295,927	245,454	541,381	75,252	306	843	160
Ocean	576,567	222,396	2.59	636	906	350	391,740	238,375	630,115	87,586	304	788	138
Passaic	501,226	161,428	3.10	185	2,705	871	411,253	222,150	633,403	88,043	351	1,091	475
Salem	66,083	25,117	2.63	338	196	74	40,154	26,760	66,914	9,301	281	741	28
Somerset	323,444	114,431	2.83	305	1,062	376	246,393	105,194	351,587	48,871	302	854	160
Sussex	149,265	55,842	2.67	521	286	107	78,281	35,549	113,830	15,822	212	567	30
Union	536,499	184,808	2.90	103	5,194	1,789	348,418	164,082	512,500	71,238	266	771	690
Warren	108,692	41,601	2.61	358	304	116	66,484	31,360	97,844	13,600	250	654	38
Total	8,791,894	3,176,069	2.77	7,417	1,185	428	5,917,468	3,951,798	9,869,266	1,371,828	312	864	185

(1) 2010 U.S. Census Bureau

(2) 2006-2010 U.S. Census Bureau

(3) Assumes that 13.9% of MSW is food waste.