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# Solid Waste Management

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Catherine E. Heigel, Director

S.C. Department of Health & Environmental Control



# About this Report

The mission of the S.C. Department of Health and Environmental Control (DHEC) is to protect human health and the environment.

For the past 26 years, the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-10 et seq. – has played an integral role in furthering this mission. The Act establishes a comprehensive framework for the safe, cost-effective and efficient management of solid waste and authorizes DHEC to:

- **Develop and implement a regulatory framework for the proper siting, design, construction, operation and closure of solid waste management facilities** (Section 44-96-260);
- **Develop a state solid waste management plan (State Plan)** (Section 44-96-60). The Act also requires county governments or regions to develop plans that are consistent with the State Plan and designed to achieve the state's recycling and waste reduction goals (Section 44-96-80);
- **Promote waste reduction, recycling and resource conservation before disposal** (Section 44-96-50); and
- **Set waste reduction and recycling goals** (Section 44-96-50).

The Act (Section 44-96-60) also requires DHEC to publish an annual report based in part on information that

counties and solid waste facilities are required to provide. (See page 2 for more information.)

“The South Carolina Solid Waste Management Annual Report” must be submitted to the Governor and General Assembly annually by March 15.

This report, which serves as an update to the State Plan, reflects solid waste management activities in fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016) and includes:

- **The amount of material recycled by commodity and county;**
- **The amount and type of solid waste disposed of by county;**
- **The amount of solid waste imported and exported;**
- **A listing of permitted solid waste facilities;**
- **A summary of the state's used motor oil recycling program;**
- **Recycling data for state agencies and colleges/universities;**
- **An update on solid waste planning;**
- **Key state programs that assist local governments in meeting the requirements of the Act;** and
- **Recommendations for improving solid waste management.**



## Acknowledgements

The “**South Carolina Solid Waste Management Annual Report for Fiscal Year 2016**” is submitted by the S.C. Department of Health and Environmental Control (DHEC) in compliance with the S.C. Solid Waste Policy and Management Act of 1991 (S.C. Code of Laws § 44-96-60). In addition, Act 119 of 2005 mandates that agencies provide all reports to the General Assembly electronically. This report was published on March 15, 2017 by DHEC’s Office of Solid Waste Reduction and Recycling.

The report serves as an update to the State Plan.

**BUREAU OF LAND & WASTE MANAGEMENT CHIEF:**  
Daphne Neel

**DIVISION OF MINING & SOLID WASTE MANAGEMENT DIRECTOR:** Joan Litton

**EDITOR:** Amanda St. John

**ASSISTANT EDITOR:** Kristen Hare

**LAYOUT/GRAPHICS:** Gregg Glymph

**CONTRIBUTORS:** Richard Chesley, Amanda Edwards, Adah Gorton, Karla Isaac, Justin Koon, Michaela Kraus, Jessica McLain, Stefanie Vandiver and Jana White

**ECONOMIC INVESTMENT DATA:** S.C. Department of Commerce

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## What is measured?

This report measures two types of solid waste and how they are managed – municipal solid waste (MSW) and total solid waste (TSW). See Table 1.1 for definitions. As required by the Act, the focus of this report is on MSW (Section 44-96-50).

## Who reports?

Permitted solid waste facilities (e.g., Class 3 landfills) are required by the Act (Section 44-96-290) and subsequent regulation (R.61-107.19) to submit annual reports on disposal data to DHEC. County governments, regions, state agencies and state-supported colleges/universities are required to report recycling data annually to DHEC

(Section 44-96-80 and Section 44-96-140). Recycling data also is collected from municipalities, businesses and the recycling industry (and allocated to the counties where the material was generated), but these entities are not required to report. Because reporting by municipalities and businesses is strictly voluntary, data collection from these sources is inconsistent from year to year. (See Recommendation No. 1 on page 6.)

## When Using this Report

All data is carefully vetted. When reviewing the tables, keep in mind that in general recycling tonnage is rounded to the nearest hundredth and disposal data is rounded to the nearest ton. Some totals do not add up due to rounding.

**TABLE 1.1: What is MSW and TSW?**

MSW	TSW
South Carolina adopted the U.S. Environmental Protection Agency's definition of MSW with few exceptions in October 2000. This was done as part of a nationwide effort to have consistency among the states on how solid waste disposal and recycling activities are measured.	TSW provides a much more comprehensive look at how much waste is generated, disposed of and recovered than MSW.
MSW is defined in the Act (Section 44-96-50) as certain waste items generated from residential, commercial, institutional and industrial sources. MSW includes appliances, automobile tires, newspapers, office paper, cans, bottles, food waste, yard trimmings (mulched or composted) and packaging. South Carolina added tire-derived fuel, yard trimmings used as boiler fuel and motor oil recycled by do-it-yourself oil changers to its definition of MSW.	For the purposes of this report, TSW includes MSW as well as construction and demolition (C&D) debris, land-clearing debris, industrial process waste, automobile bodies and municipal sludge as well as combustion ash.

**TABLE 1.2: South Carolina's MSW Goals**

<b>40% by 2020</b>	South Carolina's goal is to recycle at least 40 percent of its MSW by FY20.
<b>3.25 p/p/d by 2020</b>	The state's goal is to reduce MSW disposal to 3.25 pounds (or less) per person per day (p/p/d) by FY20.

## Recycling Rate Equation

The equation below is used for calculating the MSW and TSW recycling rates.

$$\text{RECYCLING RATE (\%)} = \frac{\text{AMOUNT RECYCLED}}{\text{AMOUNT GENERATED*}} \times 100$$

\*Generated = Recycled + Disposed Of

## A Note on the Numbers

It is important to note that the recycling data collected for this report does not completely reflect recycling efforts across South Carolina.

The Act (Section 44-96-290) and subsequent regulation (R.61-107.19) requires permitted solid waste facilities (e.g., Class 3 landfills) to report disposal data annually to DHEC resulting in nearly 100 percent of this information being collected.

In addition, the Act requires county governments (Section 44-96-80) as well as state agencies and state-supported colleges/universities (Section 44-96-140) to report recycling data. Businesses, however, are not required to report but can voluntarily provide information on their recycling activities. Businesses are not required to report, but can voluntarily provide information on their recycling activities.

It is estimated that MSW generation is about 60 percent residential and 40 percent commercial. Given that businesses are not required to report, the data collected from this source is inconsistent and incomplete and impacts the state's annual MSW recycling rate.

# The Year at a Glance



This report provides an overview of the amount of solid waste generated, disposed of and recycled in South Carolina for fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016) as required by the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-60.

This report defines and measures two specific types of solid waste – municipal solid waste (MSW) and total solid waste (TSW). (See page 2 for definitions.) As required by the Act, the focus of this report is on MSW (Section 44-96-50).

Recycling Rate for FY16	Waste Disposal Rate for FY16
<b>25.4%</b>	<b>3.6 p/p/d*</b>

\*Pounds Per Person Per Day

## Numbers, Changes & Trends, FY01 to FY16

- **South Carolina's population grew from 4 million people in 2000 to 4.9 million in 2016** – a 23 percent increase. Despite that significant growth, South Carolinians disposed of only 118,023 additional tons of MSW in FY16 than in FY01.
- **Per capita disposal in South Carolina decreased a little more than 14 percent** – dropping from about 4.2 pounds in FY01 to 3.6 pounds in FY16.
- **South Carolinians have disposed of 3.2 million tons of MSW and recycled 1.2 million tons of material** on average each FY since FY01.
- **Recycling is traditionally measured by weight not volume.** Given that, it is important to note that not only have the materials in the waste stream changed in the past 15 years (less paper and glass, more plastic and food waste), but so has their weight. Manufacturers wanting to lower costs (and save raw materials) strive to make their products as light as possible. A plastic water bottle, for example, weighs 37 percent less than it did a decade ago. Aluminum cans and even glass bottles weigh less.



## The Top 10 Takeaways for FY16

- 01** In FY16, the amount of MSW generated (recycled plus disposed of) was **4,308,161 tons**. Of that amount, 1,094,569 tons (25.4 percent) were recycled and 3,213,592 tons (74.6 percent) were disposed of in MSW landfills.
- 02** The amount of MSW disposed of increased **155,204 tons (5 percent)**.
- 03** The state's per capita disposal increased slightly to **3.6 pounds**.
- 04** The amount of MSW recycled decreased **17,632 tons (1.6 percent)**.
- 05** On average, each South Carolinian recycled about **438 pounds of MSW**.
- 06** The amount of MSW recycled fell for the **third straight FY**. But it was the eighth consecutive FY (and 12 of the past 13 FYs) that residents recycled more than 1 million tons of material. More than 19 million tons of MSW have been recycled since FY01.
- 07** **Tonnages for four commodities increased – Glass, Plastic, Organics and Banned Items.**
- 08** **Twenty-five counties met the waste disposal goal of 3.25 pounds or less disposal per day.** Anderson County – with a 42 percent recycling rate – was the only county to meet the state's recycling goal (40 percent).
- 09** **Residential recycling increased 15,911 tons – mostly due to a significant increase in the amount of Banned Items recovered.**
- 10** **Inconsistent reporting remains an issue impacting the integrity of the recycling rate.**

# South Carolina Solid Waste by the Numbers



**TABLE 2.1: S.C. Population**

YEAR	POPULATION
2012	4,679,230
2013	4,723,723
2014	4,774,839
2015	4,832,482
<b>2016<sup>1</sup></b>	<b>4,896,146</b>

**TABLE 2.2: S.C. MSW Recycled<sup>2</sup> by FY**

FISCAL YEAR	RECYCLED IN TONS	RECYCLING RATE BY PERCENT	RECYCLED IN P/P/D
2012	1,229,100	29.5%	1.4
2013	1,371,960	31.5%	1.6
2014	1,263,495	29.2%	1.4
2015	1,101,190	26.5%	1.3
<b>2016</b>	<b>1,094,569</b>	<b>25.4%</b>	<b>1.2</b>

**TABLE 2.3: S.C. TSW Recycled by FY**

FISCAL YEAR	RECYCLED IN TONS	RECYCLING RATE BY PERCENT	RECYCLED IN P/P/D
2012	5,314,842	40.8%	6.2
2013	7,700,976	49.3%	8.9
2014	6,030,557	43.2%	6.9
2015	2,974,363	26.3%	3.4
<b>2016</b>	<b>2,788,140</b>	<b>25.0%</b>	<b>3.1</b>

**TABLE 2.4: S.C. MSW Disposed<sup>2</sup> of by FY**

FISCAL YEAR	DISPOSED OF IN TONS	DISPOSED OF IN P/P/D
2012	2,935,876	3.4
2013	2,985,852	3.5
2014	3,067,942	3.5
2015	3,058,388	3.5
<b>2016</b>	<b>3,213,592</b>	<b>3.6</b>

**TABLE 2.5: S.C. TSW Disposed of by FY**

FISCAL YEAR	DISPOSED OF IN TONS	DISPOSED OF IN P/P/D
2012	7,696,559	9.0
2013	7,906,522	9.2
2014	7,918,780	9.1
2015	8,317,621	9.4
<b>2016</b>	<b>8,376,283</b>	<b>9.4</b>

**TABLE 2.6: S.C. MSW Generated<sup>2</sup> by FY**

FISCAL YEAR	GENERATED IN TONS	GENERATED IN P/P/D
2012	4,164,976	4.9
2013	4,357,812	5.1
2014	4,331,437	5.0
2015	4,159,578	4.7
<b>2016</b>	<b>4,308,161</b>	<b>4.8</b>

**TABLE 2.7: S.C. TSW Generated by FY**

FISCAL YEAR	GENERATED IN TONS	GENERATED IN P/P/D
2012	13,011,401	15.2
2013	15,607,497	18.1
2014	13,949,336	16.0
2015	11,291,984	12.8
<b>2016</b>	<b>11,164,423</b>	<b>12.5</b>

**NOTES:**

1. The population data used in this report reflects the most recent estimate available from the U.S. Census Bureau.
2. See Table 9.11 on page 97 for a breakdown by county of MSW recycling, disposal and generation.
3. Rounding of numbers may affect some totals.





# Recommendations for Improving Solid Waste Management



The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-60 – requires the S.C. Department of Health and Environmental Control (DHEC) to make annual recommendations to the Governor and General Assembly on how to improve the management of solid waste in the state.

Much has been accomplished since the passage of the Act. Each of South Carolina's 46 counties has a recycling program. The state's recycling infrastructure has grown to 85 curbside programs, 579 recycling drop-off centers and 912 used oil collection sites for do-it-yourself oil changers. College/university programs have excelled. Recycling is available at each of South Carolina's state parks and historic sites. Companies set zero waste goals. In the past five years, more than \$1 billion in capital investments has been made and 3,000 jobs created in the state's recycling industry.

At the same time, more rigorous requirements for landfills and other solid waste facilities were developed and implemented to better protect human health and the environment. The state's composting regulation was revised in order to support increased organics recovery.

The accomplishments are significant but much remains to be done.

Despite individuals, businesses, organizations, schools, colleges/universities and government agencies recycling more than ever, nearly 75 percent of the municipal solid waste (MSW) generated in South Carolina was disposed

of in landfills during fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016). Disposal of valuable material is a waste of resources and lost economic opportunity. What steps need to be taken to keep it out of the landfill?

South Carolina is well prepared to answer this question by building on the foundation created by the requirements, policies and goals outlined in the Act that include:

- **Ensuring that landfills and other solid waste facilities are properly sited, designed, constructed, operated and closed** to protect human health and the environment;
- **Promoting regional cooperation** to manage solid waste more efficiently;
- **Promoting waste reduction, reuse and recycling** above other methods that preclude further use of the material;
- **Working towards achieving South Carolina's waste reduction and recycling goals;** and
- **Providing and improving outreach, education and access of information** to residents, businesses, organizations, schools and others on solid waste management issues.

The recommendations that follow are key steps South Carolina can take to manage its waste more safely and efficiently, meet its waste reduction and recycling goals and realize more of the economic benefits of recycling.

Recommendations for FY16	
1. Improve reporting.	8. Develop a Solid Waste Emergency Fund.
2. Reduce food waste.	9. Recover more construction and demolition (C&D) debris.
3. Recover more yard trimmings.	10. Local governments should look for ways to grow more efficient recycling programs.
4. School districts should more fully embrace recycling.	11. Prevent illegal dumping and facilitate removal of existing waste tire dumps.
5. State agencies should review programs and look for ways to improve.	12. Prevent illegal dumping of other material.
6. Colleges and universities should continue to lead by example.	13. Maintain and continue to develop recycling markets.
7. End the myth that recycling is free.	

# 01

## Improve reporting.

The focus of this report, as required by the Act, is MSW (see definition on page 2) and specifically the state's MSW recycling rate. It is important to know that South Carolina's recycling rate reflects what is reported to DHEC on an annual basis – not necessarily what is actually recovered for recycling.

Currently, only county governments, state agencies and state-supported colleges/universities are required to report recycling efforts to DHEC. Businesses are not required to report – so it is unclear how much recycling data is missed. Lack of reporting by businesses becomes more significant when it is generally accepted that MSW generation is roughly 60 percent residential and 40 percent commercial.

There are efforts to secure commercial recycling numbers. Many counties ask businesses for recycling information, but most local governments don't have the resources to address this issue. DHEC, through its S.C. Smart Business Recycling Program and Green Hospitality Program, provides a Web-based reporting tool. DHEC

and local governments also work with processors to gather statewide commercial recycling tonnages. All of these efforts provide some numbers, but lead to incomplete and inconsistent reporting from year to year. It is important to note that permitted solid waste facilities are required to report to DHEC all material disposed of in South Carolina landfills or exported for disposal.

The state's recycling rate is calculated by dividing the state's total recycling tonnage by the state's total generation tonnage (recycling total combined with disposal total). DHEC receives complete information on disposal and residential recycling, but incomplete information on commercial recycling. Given that, the state's recycling rate is skewed and does not accurately reflect recycling efforts across all sectors.

With a goal to reduce per capita MSW disposal to 3.25 pounds or less and recycle 40 percent of all MSW generated by 2020, it is critical that the reporting of recycling efforts across all sectors (residential, commercial/institutional and industrial) improve.

### RECOMMENDATIONS

**Encourage large industries, businesses, recycling processors and haulers to report recycling data.** Work on this recommendation with the S.C. Department of Commerce. If this effort fails, consider updating the Act to require mandatory reporting for recycling processors and businesses with more than 50 employees.

**Continue providing technical assistance and training to local governments** to secure and provide accurate reporting of residential tonnages and ways to secure more recycling data from commercial and industrial sectors.

**Promote the benefits of having accurate and comprehensive recycling data.** Governments and businesses that comprise the state's recycling industry will be able to properly plan, determine recycling behaviors from different sectors, measure recycling of specific commodities, and more efficiently maintain and/or develop recycling markets.





Food waste is the No. 1 item thrown away by Americans accounting for 38.4 million tons (21.6 percent) of the nation's discards in 2014 according to the U.S. Environmental Protection Agency (EPA). Of that amount, only about 1.9 million tons (5 percent) were diverted from landfills for composting. South Carolina produced an estimated 641,916 tons of food waste in FY16 – 14.9 percent of the MSW generated in the state.

It is estimated that between 30-40 percent of all food grown and processed nationwide is never eaten – a loss

**About 42 million Americans are food insecure including 13 million children and 5 million seniors.**

valued at more than \$160 billion annually according to the U.S. Department of Agriculture. Added to those numbers is the loss of natural resources used to produce food that is not consumed. At the same time, about 42 million Americans are food insecure including 13 million children and 5 million seniors according to Feeding America.

Several of the recommendations in last year's annual report addressing the issue were implemented this past fiscal year including the creation of a statewide public-private stakeholder group. As part of their input, DHEC took the lead on developing the Don't Waste Food SC campaign to make the public, businesses, schools, the hospitality industry, organizations and others aware of the issue and provide information on how they can help prevent food waste.



*DHEC Director Catherine Heigel speaks at the Don't Waste Food SC kick-off at Harvest Hope Food Bank in Columbia. The campaign, launched July 13, 2016, is designed to increase awareness of the economic, environmental and social impacts of food waste. More information about the Don't Waste Food SC campaign is provided on the following page.*

## RECOMMENDATIONS

**DHEC should work with the S.C. Department of Education, the S.C. Department of Agriculture and other key stakeholders to promote food waste reduction priorities and initiatives in the state's public schools.**

These efforts should include best practices for cafeterias, donation and share tables following federal and state guidelines. These efforts also should include making food waste prevention and reduction an integral part of their solid waste management program.

**DHEC should work with the state's hospitality association and other stakeholders to promote food waste reduction at restaurants and other dining facilities.** These efforts should include developing, promoting and implementing best practices to reduce food waste and providing information and guidance on federal and state legislation that outlines liability protection for donation. Part of these efforts can be integrated into existing DHEC initiatives including the S.C. Smart Business Recycling Program and the Green Hospitality Program.

**The S.C. Department of Commerce should continue its work to encourage and secure infrastructure growth by recruiting companies that haul, process and manage organics.**

**Local government recycling programs should promote what consumers can do at home to prevent food waste and encourage backyard composting.**

**DHEC should continue to work with EPA, the S.C. Department of Commerce, local governments and other stakeholders on the development of organics recovery infrastructure throughout the state.**

03

## Recover more yard trimmings.

Yard trimmings comprised the third largest component (34.5 million tons or 13.3 percent) of the nation’s MSW in 2014, but were the fourth-highest recovered commodity with 21 million tons (61 percent of what was generated) composted according to the EPA.

It is estimated that South Carolina generated 572,985 tons of yard trimmings in FY16. Of that amount, only 38 percent (221,524.6 tons) was recovered through composting and mulching. If South Carolina is to achieve its waste reduction and recycling goals set for 2020, the recovery of yard trimmings must increase to the numbers seen nationally.

Composting keeps material out of the landfill, conserves resources, produces a nutrient-rich soil amendment that reduces the need for chemical fertilizers and creates jobs.

***Composting saves landfill space, conserves resources, makes a good soil amendment, reduces the need for pesticides and creates jobs.***

Still, managing yard trimmings provides challenges for local governments. While banned from Class 3 landfill disposal (with the intent of encouraging composting), yard trimmings still can be disposed of in Class 2 landfills providing local governments an easier management option. There are additional costs to managing yard trimmings as well as finding the space needed for composting or grinding operations. It is also much more economically viable to recover material in urban settings with higher populations than rural areas. The lack of markets for the material also often remains an issue.

### RECOMMENDATIONS

**Local governments should recover yard trimmings and report their activities.** In FY16, only 22 of the state’s 46 counties reported any recovery of yard trimmings.

**Local governments should work together as well as with schools, colleges/universities and businesses to strive for economies of scale in the recovery of yard trimmings.**

**Local governments should offer backyard composting programs and provide technical assistance, outreach and compost bin sales.** DHEC should continue offering grant funding to support these programs.

**DHEC should work with the S.C. Department of Education to grow school composting programs.** DHEC should continue to teach and promote composting to teachers and students through its “Action for a Cleaner Tomorrow” environmental curriculum supplement and provide technical assistance and grant funding.

**The S.C. Department of Commerce should continue its work to drive infrastructure investment and market development.**

**DHEC and the S.C. Department of Commerce should develop an action plan to aggressively pursue the diversion of all organics from landfills.** This plan should review all current activity, collection infrastructure, marketing strategies and markets.



The Don't Waste Food SC campaign – a collaborative outreach campaign created to reduce the No. 1 item thrown away in the state – was introduced this past July.

The campaign, created by DHEC, is designed to increase awareness of the economic, environmental and social impacts of food waste. It centers on prevention, donation and composting and provides information and technical assistance to stakeholders. It also challenges stakeholders – the faith-based community, food banks, food rescue organizations, grocery stores, composters, haulers, restaurants, hospitality facilities and governments – to do their part.

Visit [www.scdhec.gov/dontwastefoodsc](http://www.scdhec.gov/dontwastefoodsc) to learn more.



## School districts should more fully embrace recycling.

South Carolina has more than 1,260 public schools in 81 school districts with 50,000-plus teachers and 750,000 students. The sheer number of schools, staff and students results in a significant amount of waste generated – the vast majority of which could be prevented, recycled or composted.

Unfortunately, many South Carolina schools that have recycling programs only collect one or two materials.

In some instances, lack of available markets or haulers is an issue. In other instances, school budgets and administrative constraints may prevent some schools from implementing programs.

The findings of a school waste study done by the Minnesota Pollution Control Agency found that Minnesota schools generate one-half pound of waste per student per day. Using that figure, South Carolina's public school students produce an estimated 375,000 pounds (187.5 tons) of waste per day. The study also found that more than 78 percent of a school's waste could be recovered through paper and container recycling as well as composting.

The amount of waste generated and the potential amount that could be recovered are too large to ignore.

*The amount of waste generated that could be recovered is too large to ignore.*

Unfortunately, there are many reasons schools do not recycle, but primarily it is because recycling is not free. Recycling is not free for local government or college/university recycling programs. Recycling – often mistakenly promoted as an activity that will pay for itself – has never been free. As with any program or service – there are costs.

It is commonly accepted that recycling has fundamental values such as conserving resources, saving energy, reducing the need to build landfills and supporting the state's recycling industry that in turn creates businesses and jobs. The result is that – ironically – recycling is taught in the classroom as a desirable behavior that results in environmental and economic benefits in many schools that don't have a recycling program.

Recycling and schools can be a perfect partnership. A recycling and/or composting program provides teachers the opportunity not only to offer a classroom lesson but a valuable real-life lesson as well to students – who ultimately will more likely understand and support South Carolina's local government programs. Waste reduction, recycling and composting programs allow schools to reduce their environmental footprint and make a substantial contribution in helping the state achieve its waste reduction and recycling goals.

### RECOMMENDATIONS

**The S.C. Department of Education should encourage and assist public schools in setting up and expanding waste reduction, recycling and composting programs.** These services should be an accepted standard – not an exception.

**School district administrators and boards should recognize that the cost of managing waste includes recycling and composting services and budget accordingly.**

**School districts should review their waste management costs and contracts.** It may be possible to modify a contract and save some disposal revenue that can be applied to recycling and/or composting initiatives (e.g., one of the waste roll-off containers can be turned into a recycling roll off). If the waste hauler does not offer recycling services, a school district should consider requiring those services in its next contract. In addition, include provisions to assist with recycling programs in any housekeeping responsibilities and/or commercial cleaning contracts.

**Recycling programs should be carefully planned, built and implemented – starting small if necessary.** Local government recycling programs and school districts should work together. Local government recycling coordinators can provide invaluable technical assistance (e.g., what to collect, type and size of containers, collection options, market options).

**Waste reduction initiatives should be implemented** (e.g., double-sided printing, reusing paper, stopping unwanted mail, bulk purchasing) **throughout each district.**

**DHEC should develop a Green Schools program to encourage and recognize schools for their waste reduction, recycling, composting and food waste prevention efforts.**

05

## State agencies should review programs and look for ways to improve.

State agencies are required by the Act to recycle, buy recycled-content products and annually report their recycling activities and recycled-content purchases to DHEC.

Beyond being required, state agencies have a responsibility to lead by example and are held accountable for operating in an environmentally responsible manner. State agencies generate significant quantities of recyclables and have the ability to make

thousands of purchasing decisions each year. By altering a few behaviors, state agencies can be significant supporters of recycling markets, in turn helping the state's economy.

In FY16, 59 state agencies reported recycling more than 9,400 tons of material. (See Section 7.) The number of agencies reporting – despite being required to report – has been inconsistent and dropped 19 percent from FY15.

### RECOMMENDATIONS

**DHEC and the S.C. Department of Corrections should assist state agencies in reviewing their recycling programs to discover areas of improvement.**

**DHEC should continue to pursue the Green Government Initiative to encourage and improve recycling, buying recycled and reporting by all state agencies through consistent communications and technical assistance to state agencies.**

**DHEC should offer a one-day certification program to each agency's recycling contact(s).**

**State agencies should use their considerable purchasing power to buy recycled-content products to support South Carolina's recycling industry.**

**DHEC and the S.C. Department of Commerce should work with the S.C. Department of Administration to update, promote and improve the implementation of South Carolina's Environmentally Preferred Purchasing Policy.** The list of recycled-content products and specifications should be updated annually as required by the Act and promoted to all stakeholders. In addition, a list of state-term contracts containing recycled-content products as well as a state-wide system to track and report recycled-content purchases should be developed.

### More to Know

Learn more about the recycling efforts of South Carolina's state agencies and colleges/universities.

Visit [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle) and select "Data and Reports."



### Recycling Requirements for State Agencies & Colleges/Universities

The Act (Section 44-96-140) requires state agencies and state-supported colleges/universities to:

- **Establish recycling programs for the collection of selected material** including, but not limited to, aluminum, cardboard, glass, lead-acid batteries, paper, plastic, tires and used motor oil;
- **Establish a program to reduce the amount of solid waste generated to the maximum feasible extent possible;** and
- **Report the type and amount of material recycled and all products purchased containing recycled-content material by September 15 of each year to DHEC.** The Act sets a goal that at least 25 percent of all product purchases contain recycled-content material.

DHEC is required to submit a report on this information to the Governor and General Assembly by November 1 of each year.



Due to their educational mission, large student populations, high community visibility and active involvement in research and new technology, South Carolina's colleges/universities have a special role and responsibility in confronting the challenges of sustainability. That role includes contributing solutions to these challenges through not only teaching and research but transforming that work into action on campus. This action, in turn, may be able to be replicated in communities across the state.

*South Carolina's colleges/universities have some of the state's best recycling programs.*

Few institutions in South Carolina have established such successful recycling programs as colleges/universities. In fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016), colleges/universities reported recycling 44,712 tons of material – a 212 percent increase from FY15.

In addition, many colleges/universities have developed comprehensive sustainability programs and have taken the lead on composting and green purchasing.

#### RECOMMENDATIONS

Colleges/universities should continue to lead by example and expand or improve their recycling efforts with a focus on food waste reduction and recovery.

Colleges/universities should work with local governments and communities to focus on partnership possibilities (e.g., marketing of material, sharing operations).

Colleges/universities should develop and implement green purchasing policies.

Colleges/universities should stimulate recycling markets through green procurement practices by using the 7.5 percent price preference for recycled-content products and look for sustainable alternatives for larger and less frequent purchases. In addition, colleges/universities should join state agencies in adding green products and vendors to South Carolina's environmentally preferred purchasing policy.



*Clemson University continues to have one of the nation's top collegiate recycling programs. In addition to campus-wide recycling, the school also collects materials at all of its sporting events. A team of student volunteers is essential for making the program successful.*



07

## End the myth that recycling is free.

Recycling is not free. It never was. When recycling re-emerged into the nation’s consciousness in the 1990s, it was almost always promoted to residents that recycling would pay for itself through the revenue earned from the sale of the recovered material combined with avoided disposal costs. Many residents believed it then and still believe it now as well as a second myth that every material recycled has great value.

Both of these myths need to end. Residents must be made aware that they are paying for two basic solid waste management options: disposal and recycling. Both management choices help protect human health and the environment. But once a material is disposed of in a landfill, it has less value and the potential to produce only limited economic activity.

Conversely, recycling offers a chance to earn revenue, avoid disposal costs and generate further economic activity. Material that is recycled and reintroduced into a manufacturing process supports economic growth and

development through the creation of businesses, markets and jobs necessary to support those activities.

The economic impact study (see Section 4) completed in 2014 shows the significant, positive impact the recycling industry has on South Carolina’s economy.

Residents also need to know that recyclables are commodities that are subject to the same market fluctuations in value as other commodities. Unfortunately, it is generally accepted that the market value of recyclables are more volatile than other commodities. Those highs and lows are unpredictable. When prices are good, revenues are good. When prices are down, programs are more stressed.

Local governments should carefully consider and measure the true costs of any option to managing solid waste and communicate that information to residents. All aspects should be considered including long-term management, monitoring, post-closure, environmental impacts and lost opportunities for material recovery.

### RECOMMENDATIONS

**DHEC and the S.C. Department of Commerce should promote the findings of the economic impact of recycling study conducted by the University of South Carolina.** Key findings include showing that recycling can cost less than disposal during positive markets and that the recycling industry creates more jobs than the average South Carolina industry. See “The Economic Impact of Recycling” on page 19 for more information about this study.

**DHEC should provide information to increase awareness of the costs of solid waste management.** Integrate that campaign into the RecycleMoreSC campaign and other potential avenues.

**Local governments should consider not having a separate charge for recycling or a specific commodity, but rather provide one cost with an explanation of all of the solid waste services offered.**

08

## Develop a Solid Waste Emergency Fund.

During this reporting period, the S.C. Office of Inspector General identified a lack of funding mechanisms to address environmental emergencies caused by the management of solid waste.

Given this direction, DHEC began discussions with stakeholders to identify funding options that would be used to create a solid waste emergency fund to address

this issue and would allow cost recovery from responsible parties.

### RECOMMENDATION

**DHEC should continue its efforts to establish a solid waste emergency fund.**

## Recover more construction and demolition (C&D) debris.

C&D debris is material generated during the construction, renovation and demolition of buildings, roads and bridges. This material includes concrete, drywall, asphalt, wood, bricks, shingles, metal, glass and plastic. The reuse and recycling of C&D material has significant environmental and economic benefits. (See the box below).

Measurement of the generation and recovery of C&D debris is difficult. While not included in MSW measurement, it is accepted that the material is one of the largest components of the nation's total solid waste stream. More than 3 million tons of material was disposed of in South Carolina's 90 Class 2 (C&D debris) landfills in

FY16. Another 600,000 tons of C&D debris was reported recycled. Given that, it is estimated that only 16 percent of the C&D debris generated in the state was recovered.

*Only about 600,000 tons of C&D debris were recovered in FY16.*

South Carolina, like other states, faces two key barriers to increased recovery – low disposal costs and lack of markets. It is almost always less expensive for contractors and builders to dispose of the material than take the time to separate, store and find a market for it.

The failure to recycle or properly dispose of the material collected, along with limited markets, can lead to the creation of illegal stockpiles or dumped C&D debris.

### RECOMMENDATIONS

**DHEC and the S.C. Department of Commerce should develop an action plan with key stakeholders to address C&D debris recycling.** The plan should include policy strategies, infrastructure development, market development, technical assistance, guidance, outreach/education and a goal to cut C&D debris in half by 2030.

**DHEC should develop a comprehensive Web-based clearinghouse addressing C&D debris.**

**Local governments should consider ordinances and/or disposal bans to increase recovery that will assist infrastructure and market development.**

### The Benefits of C&D Debris Recycling

The recovery of C&D debris has many environmental and economic benefits including:

- **Conserving resources;**
- **Reducing transportation costs when the material is reused onsite;**
- **Reducing the need for landfills;**
- **Offsetting the environmental impact** associated with the extraction and consumption of natural resources and production of new materials;
- **Providing increased business opportunities** within the local community when deconstruction and selective demolition methods are used;
- **Creating jobs;** and
- **Lowering building project expenses** through avoided purchases, disposal costs and the donation of recovered material to qualified 501 (c) (3) charities – which provides a tax benefit.



10

## Local governments should look for ways to grow more efficient recycling programs.

Every local government recycling program – urban or rural, small or large and everything in between – can always improve. Each program should constantly strive to increase participation and the amount of material

recovered while at the same time reducing the amount of unwanted material collected. Every improvement makes a program’s and South Carolina’s overall recycling efforts more successful.

### RECOMMENDATIONS

**Strive to offer continual outreach/education to provide a clear and consistent message.** Significant revenue is used to purchase trucks, recycling containers and the overall infrastructure of a program. A comprehensive outreach/education program will help provide a good return on that investment. Develop, implement and stick with the outreach/education plan. (See “Education is key to successful recycling programs” on the following page.)

**Continue to work with other recycling professionals and organizations for fresh ideas and assistance.**

**Work with local businesses and recycling processors to promote commercial waste reduction and recycling.** Use the S.C. Smart Business Recycling Program to help with reporting of these activities.

**Work with schools.** See Recommendation No. 4 on page 9.

**Always keep track of and evaluate the market prices programs receive for their material.** Track revenue earned and avoided disposal costs.

**Identify improvements that can be made without additional costs.**

**Recycle beyond the curb. Add drop-off locations to keep or add a commodity that it not accepted at the curb.**

**Offer assistance with and resources for backyard composting.**

**Add recycling bins in public spaces.**

**Offer promotional events to collect hard-to-recycle items.**

**Buy recycled.** It is the final step in making recycling work.

## RecycleMoreSC Campaign helps brand recycling in South Carolina

The RecycleMoreSC campaign is designed to reinvigorate recycling in South Carolina by:

- **Promoting the economic and environmental benefits of recycling;**
- **Providing tools to local governments to present a clear, consistent message across the state;** and
- **Challenging residents, businesses and others to do their part and recycle more.**

The campaign is the centerpiece effort of the 40by2020 Partnership. The partnership is a group of public and private stakeholders dedicated to sharing knowledge, coordinating resources and working together to help South Carolina meet or exceed its 40 percent recycling goal set for 2020.

The partnership includes Pratt Industries, Sonoco Recycling, the S.C. Beverage Association, PalmettoPride, the S.C. Department of Commerce and DHEC.

Learn more at [www.recyclemoresc.org](http://www.recyclemoresc.org).



## Education is key to successful recycling programs.

Recycling is a choice. Residents either decide to throw away the aluminum can, plastic bottle or cardboard or place the item into a recycling container. Getting residents to make recycling the choice has a significant impact on a community's recycling success.

Education/outreach plays the key role in the success of any program. Begin with the basics.

Residents need to know what to recycle, where to recycle, how to recycle and the value of recycling. Beyond that, education/outreach programs also should strive to motivate and encourage participation that makes residents better recyclers and results in higher recycling rates. Education also ends wish-cycling – the new but extremely common practice of residents placing non-recyclable items into the recycling container hoping they can be recycled. Unwanted material makes processing recyclables more difficult and costly, creates more waste and increases costs for local governments.

Each local government should develop and implement an annual education/outreach plan. There are many options to consider including:

- **Place a sticker on the roll cart or bin of what is accepted and what isn't.** Do "Oops" Tags to remind residents what is not accepted. Do "Thank You" Tags to provide positive feedback.
- **Update website and make information as easy-to-find as possible beginning with how to get a bin or roll cart and what is and isn't accepted.**

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**Residents need to know what, where and how to recycle as well as the value of recycling.**

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- **Review signage at convenience centers.** Make sure it is easy to follow so residents know what to do. Post temporary signage as needed to reinforce an issue or message.
- **Mail an annual postcard to all households serviced with easy, basic information** (e.g., yes and no lists, where to get more information). Consider a refrigerator magnet with same information. Include recycling information in new home packets.
- **Advertise when and where possible** (e.g., billboards, posters in libraries or stores, bus advertisements, neighborhood newsletters, social media). Collection trucks (public or private) should have recycling signage.
- **Target non-recyclers.** Learn from your collectors which neighborhoods are not recycling.
- **Consider neighborhood recycling captains to get out the word.** Make the initiative part of the overall message. Identify neighborhoods, residents and businesses that are excelling and promote them (e.g., media opportunities, website, newsletters).
- **Provide the economic and environmental benefits of recycling to local decision makers.** Share successes.
- **Adopt the RecycleMoreSC campaign with branded material already in place.** Provide waste reduction and recycling information beyond the program (e.g., how to reduce food waste, donating clothes, recycling at work, retailer options for items such as electronics and rechargeable batteries).
- **Adopt the Don't Waste Food SC campaign.**



# 11

## Prevent illegal dumping of waste tires and facilitate removal of existing waste tire dumps.

South Carolinians generate an estimated 4.5 million waste tires every year. When managed improperly – dumped or stored illegally – tires can become a health hazard by holding water and attracting mosquitoes as well as creating potential fire hazards and unsightly nuisances.

Unfortunately, many waste tires do not take a direct route to a tire recycler. The state continues to have illegal dumping and is working to identify responsible parties to remove and manage illegally dumped tires. The cleanup of existing piles, however, is not a solution. Preventing the creation of waste tire piles is critical to the success of any waste tire management program.

When managed properly, tires can be used in construction activities and new products as well as burned for energy recovery. Most waste tires generated in South Carolina are chipped and burned in place of other fuels (e.g., coal).

Tires also are used as a substitute for gravel or other aggregates in septic tank drain fields or other drainage applications. Wire-free tire rubber can be used for higher-value products. Chipped tire rubber, for example, can be used in place of wood chips in playgrounds. Finely ground

tire rubber can be formed into running tracks or molded into industrial mats.

The proper management of waste tires continues to be a priority. DHEC has initiated steps to prevent illegal tire dumping and to help ensure the movement of tires to recycling facilities. These initiatives include a regulation revision (R.61-107.3 Solid Waste Management: Waste Tires) that became effective in 2015. The revision clarifies reporting and record keeping as well as expands the operational, permitting and registration requirements for haulers, collectors and processors of waste tires. Still, more work is needed.

One important change is new financial assurance requirements for certain waste tire haulers. Waste tire haulers that haul tires for compensation by other persons are now required to provide \$10,000 in financial assurance in order to become registered. Financial assurance is not required for persons who haul 15 or fewer tires at any time or for those who haul tires they have generated in the course of their own business.

DHEC is working with stakeholders to ensure understanding of the provisions of the regulation and provides technical assistance upon request.

### RECOMMENDATIONS

**Improve markets.** Strong markets for waste tires can't happen without end-users that are knowledgeable about opportunities for using recycled tire rubber in manufacturing and engineering applications and can't be sustained without healthy waste tire processors to supply quality product. DHEC and the S.C. Department of Commerce – in conjunction with tire manufacturers, tire processors, research institutions and others – should continue efforts to promote higher-value uses for waste tires and a climate where the economics of waste tire processing can sustain suppliers of processed tire material.

**Gain an understanding of the potential dangers of crumb tire rubber.** DHEC should work with EPA and other stakeholders to learn about and communicate any health risks from using crumb rubber in certain applications (e.g., playgrounds, sports turfs).

**Minimize the opportunities for illegal tire disposal.** DHEC efforts should include full implementation of the manifesting and registration requirements. Tire generators and retailers must verify their waste tires are hauled only by legally registered haulers and that they are delivered to appropriate facilities. DHEC should work with waste tire generators, haulers, local governments and waste tire processors to ensure that only properly bonded waste tire haulers are used to move tires.

**Engage law enforcement and anti-littering organizations.** DHEC should work with state and local law enforcement and anti-littering organizations to locate illegal tire dumps and stockpiles and identify offenders. DHEC also should work with law enforcement to deter illegal dumping and to ensure offenders are dealt with consistently and with all available force of law and regulation. DHEC should work with anti-littering agencies, non-profits, local governments and community leaders to increase awareness of tire dumping issues and to promote cooperation between law enforcement and environmental groups.

**Involve local governments.** DHEC should continue to assist county and municipal governments in implementing waste tire management programs that prevent illegal dumping and encourage the purchase of high-value products made from waste tires. DHEC also should work with local governments to develop programs that expedite the removal of tire dumps and stockpiles.

**Perform a comprehensive review of the waste tire program.** DHEC and other stakeholders should identify statutory, regulatory or process changes that would help incentivize the proper management of waste tires, prevent illegal dumping and encourage development of a more robust recycling industry.

**Develop a waste tire website.** DHEC should create a comprehensive Web-based clearinghouse addressing waste tire issues that impact all stakeholders (e.g., public, recyclers, haulers, retailers, local governments).



## Prevent illegal dumping of other material.

Tires, C&D debris, land-clearing debris and electronics are the materials most frequently dumped illegally.

*Illegal dumping often results in property owners or taxpayers paying for the cleanup.*

The most common practice is dumping material in a remote area. Another common problem is when material is collected for recycling and stockpiled with a minimum amount being recycled and the remainder left unmanaged. Both activities result in the creation of illegal dumping that degrades property values and puts human health and the environment at risk. Both activities often result in property owners or taxpayers paying for the cleanup.

The underlying causes of illegal dumping are varied, but generally fall into the following categories:

- **Low Risk** – Haulers that dump tires and land-clearing debris and other material face a low risk of being identified because the material they dump is difficult to trace to the source. Law enforcement and judicial bodies also may not consider the impact of this dumping on the health, environmental or economic welfare of a community, resulting in low fines and penalties against dumpers.
- **Cost Factors** – The cost of properly recycling or disposing of certain materials creates an incentive for illegal dumping. The average fee (\$106 per ton) to recycle waste tires, for example, is higher in South



Carolina than the cost (an average of \$41 per ton) to properly dispose of MSW in a landfill. In addition, when a recycled material has a low intrinsic value, the costs to process and sell the material may be greater than the revenue received from its sale. Collectors may stockpile material to avoid processing costs.

- **Generator Responsibility** – Waste generators sometimes encourage illegal dumping by choosing the lowest cost option available to dispose of waste, without regard for how their waste is managed.
- **Statutory and Regulatory Exemptions** – The Act (Section 44-96-170) provides regulatory exemptions for recycling activities. While this is a positive incentive for legitimate recyclers, some operators use these loopholes to claim they are performing a recycling activity when, in fact, their activities more closely resemble unpermitted landfills.

### RECOMMENDATIONS

DHEC and other regulatory agencies, local governments, businesses and residents should work together to prevent illegal dumping.

The S.C. Department of Commerce should continue to strive to develop strong markets for recyclable material as well as higher-value end uses.

South Carolina should consider statutory and regulatory changes to hold haulers, processors and generators more accountable for the proper collection and transport as well as the recycling or disposal of solid waste and recyclables.

Local governments should implement more robust litter control policies and practices, including cooperation between law enforcement agencies, and consider adding litter control staff.

## Maintain and continue to develop recycling markets.

Recycling markets and market development are indispensable components of sustainable materials management as well as economic development. Markets use material that otherwise would be disposed of and keeps it in circulation – conserving resources, creating jobs and helping protect the environment. Recycling only works when there are businesses willing to buy and process the material that is collected.

Nationally, recycling markets (i.e., recovered commodity prices) remain one of the industry’s biggest concerns. In the past FY and beyond, markets remained flat or declined, but at the same time virtually no curbside programs were dropped.

South Carolina has several key players focused on recycling markets. The S.C. Department of Commerce’s Recycling Market Development Advisory Council (RMDAC) works to create, maintain and grow markets. The state also is a member of the Southeast Recycling Development Council (SERDC). SERDC represents 11 states that work toward coordinating efforts to promote recycling and help companies across the region secure a clean, consistent supply of recovered material.

### RECOMMENDATIONS

**RMDAC should continue to work to identify and grow recycling markets, develop strategies to help increase the recovery of material.**

**The S.C. Department of Commerce should continue to work with stakeholders to improve infrastructure to increase the quality and quantity of recovered food waste.**

**The S.C. Department of Commerce should continue its work on increasing plastics recovery and supporting the recycling industry through the “Your Bottle Means Jobs” campaign.**

**Encourage the recycling industry to assist stakeholders (e.g., local governments and businesses) to improve the quantity and quality of recovered material through outreach, technical assistance and partnerships.**

**Promote the economic impact of recycling to decision makers and the public.**

**DHEC and the S.C. Department of Commerce should work to promote and increase green purchasing by state government and to increase the use of recycled-content material developed by South Carolina companies.**

***Recycling only works when there are businesses willing to buy and process collected material.***

South Carolina has a robust recycling infrastructure with more than 520 companies (See Section 4) and access to other markets in the Southeast that need recovered material. These markets are available for most commodities – but not all – and continue to be impacted by low regional landfill tipping fees, commodity price fluctuations and competition with virgin material.

Glass markets remain a huge issue nationwide. Numerous programs in the state have dropped curbside glass collection due to low value, the cost of collection and hauling, and limited markets. Other key market issues include increasing the recovery of plastic, carpet, food waste and construction and demolition debris.

### Create a job today.

The plastics recycling industry in the Carolinas is responsible for more than 3,500 jobs and is growing. Unfortunately, it is estimated that more than 70 percent of all plastic bottles are thrown away – depriving companies of enough material to run their plants efficiently.

To address this issue, the S.C. Department of Commerce and other stakeholders created the Your Bottle Means Jobs campaign. If each South Carolina household recycled just two more plastic bottles a week, 300 jobs could be created and the industry would continue to invest and expand.

Visit [www.yourbottlemeansjobs.com](http://www.yourbottlemeansjobs.com) to learn more.



# The Economic Impact of Recycling



Recycling is an essential part of the nation's and South Carolina's economy. By transforming waste into valuable raw material, recycling stimulates economic development, creates jobs and businesses, produces tax revenue and generates income for businesses and local governments from the sale of recyclables.

The state's recycling industry has a \$13 billion annual impact on South Carolina's economy according to a 2014 study done by the College of Charleston. It is comprised of more than 520 companies that collect, haul, process and broker material, sell equipment and manufacture recycled-content products. It includes 10 plastic reclaimers, five recycled paper manufacturing facilities, three steel mills and one recycled aluminum manufacturer. Overall, the industry also provides more than 22,000 direct jobs, \$2.7 billion in annual labor income and nearly \$330 million in state and local taxes every year.

The recycling industry continued to grow in 2016 with five new or existing companies making \$102 million in capital investments and creating 356 jobs according to the S.C. Department of Commerce. In the past five years, the industry has announced \$1.1 billion in capital investments and 3,000 jobs created.

## New Economic Impact Study Released

The S.C. Department of Commerce released the results of a new study done by the University of South Carolina's Darla Moore School of Business on the economic impact of recycling. The study, done in conjunction with the S.C. Department of Health and Environmental Control's

(DHEC) Office of Solid Waste Reduction and Recycling, had several key findings including:

- **Recycling can cost less than disposal during positive market trends.** The relative cost of recycling vs. disposal is largely dependent on the price that recycling firms can sell processed recycled materials for on the open market. According to the study, the price for processed recycled materials peaked at \$146 per ton in 2011 and dropped to \$52 per ton by 2016. As a result, recycling was about \$28 per ton cheaper than disposal in 2011, but was \$9 per ton more expensive than disposal in 2016.
- **The recycling industry in South Carolina supports an employment multiplier of 2.4.** This implies that for every 10 jobs generated in the recycling industry an additional 14 jobs are created elsewhere in the South Carolina economy. Thus, the recycling industry has the ability to scale up employment at a higher rate than the average South Carolina industry; and
- **Small increases in household recycling can have a substantial statewide impact.** For example, if just one percent of all South Carolina households were to recycle an additional eight newspapers per month, this additional effort could generate an annual gain of up to \$3.8 million in economic activity for the state, 16 jobs and about \$794,000 in labor income. Similar results can be observed for many recycled goods across commodity types.

The complete report, "The Benefits of Increased Household Recycling Rates in South Carolina: A Commodity-Level Analysis," can be found at [https://sccommerce.com/sites/default/files/all/sc\\_recycling\\_economic\\_impact.pdf](https://sccommerce.com/sites/default/files/all/sc_recycling_economic_impact.pdf).

## Recycling Market Development

The S.C. Department of Commerce's Recycling Market Development Advisory Council (RMDAC) supports the state's recycling industry by working to build markets, increase material recovery and promote the impact of recycling on South Carolina's economy.

Established by the S.C. Solid Waste Policy and Management Act of 1991, RMDAC is comprised of 14 members appointed by the Governor that represent the solid waste industry, recycling sectors, government, higher education and the public.

The Recycling Market Development Division staff coordinates the activities of the council while providing technical and economic development assistance to assist recycling businesses and the industry. Key market development activities for the past fiscal year include composting, food waste, carpet, plastic and glass.



**South Carolina**  
**Department of Commerce**

**Just right for business.**

Learn more at <https://sccommerce.com/events/recycling-market-development-advisory-council>.

# The Economics of Managing Solid Waste in South Carolina

The collection, proper disposal and recycling of solid waste are essential services that have long been recognized as a critical segment of a community's infrastructure.

These services are no simple task. They include disposal, recycling, staffing, outreach/education, trucks, fuel, equipment, buildings, land, insurance and managing facilities (e.g., landfills, transfer stations).

These services are also expensive. Local governments spent more than \$342 million to manage solid waste in fiscal year (FY) 2016 (July 1, 2105 to June 30, 2016) and more than \$1.9 billion since FY11 according to the full-cost disclosure information reported to DHEC.

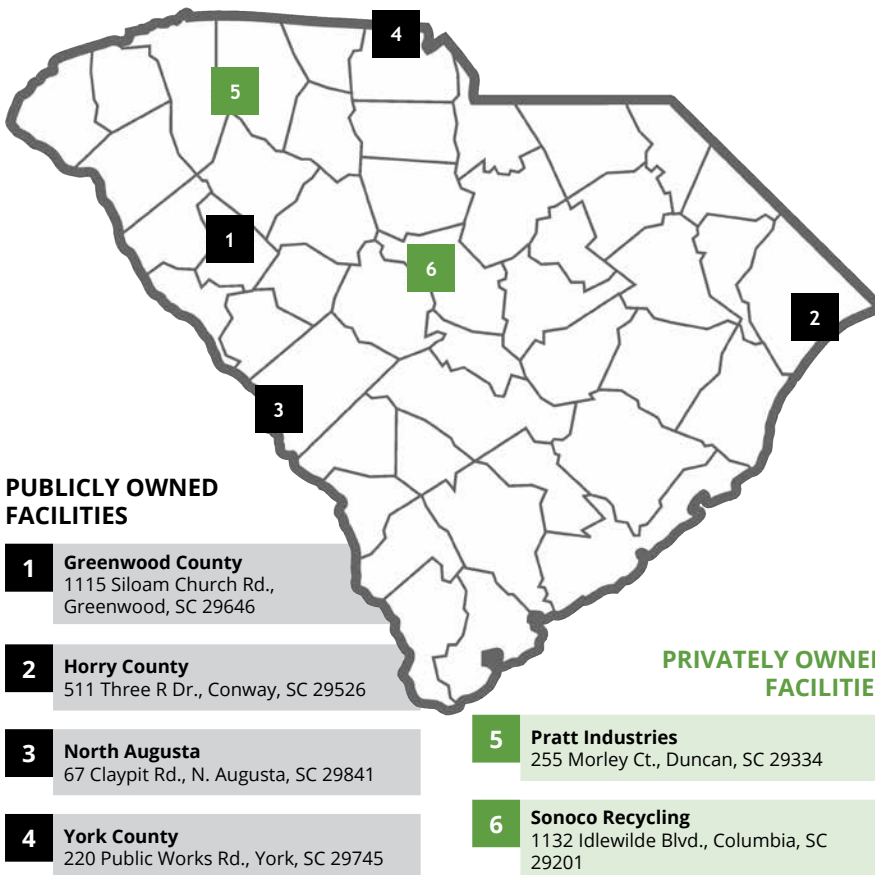
Local governments face a difficult balancing act of costs and services. Recycling programs compete with the low cost of disposal in South Carolina. The state's average tipping fee is \$41 per ton – about \$3.50 less per ton than the regional average according to a 2016 study.

The true cost of recycling is much more difficult to measure in part due to outside factors beyond the services provided to residents. Recycling programs are impacted by the markets and materials recovery facilities (MRFs) that are available.

South Carolina has robust state and regional markets for many but not all materials. The state has only six MRFs. (See Figure 4.1.) South Carolina also lacks a MRF in the low country leaving a huge regional gap that includes one of the state's largest county recycling programs. All of this impacts costs.

Recycling allows local governments to avoid disposal costs – an often forgotten positive – and earn revenue from the sale of recyclables. Unfortunately, this revenue is inconsistent because recyclables are commodities that are subject to the same change in value as other commodities. Commodity prices have been low for the past few years, but began to improve near the end of fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016).

**FIGURE 4.1: South Carolina's Materials Recovery Facilities in FY16**



## Estimated Lost Revenue

It is estimated that nearly 590,000 tons of easily recyclable material – aluminum cans, cardboard, glass bottles and jars, office paper, plastic bottles and steel cans – were disposed of in FY16.\* Using the state's average tipping fee of \$41 per ton, it is projected that local governments spent more than \$24 million to dispose of this material.

It is also estimated that more than \$52 million in potential revenue from the sale of this material was lost based on the average revenue received per ton as reported by local governments of each of these types of material.

\* The estimated amount of material disposed of that could have been recycled is calculated by using the U.S. Environmental Protection Agency's most recent municipal solid waste (MSW) generation rates to South Carolina's FY16 generation.



# Recycling by Commodity

## SECTION 05

The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-60 – requires the S.C. Department of Health and Environmental Control (DHEC) to report the amount of municipal solid waste (MSW) recycled by commodity and county. This information is gathered from counties – which are required to provide this data to DHEC (Section 46-96-80) – and from voluntary reporting by businesses and municipalities.

This section highlights the commodities that comprise MSW as defined by South Carolina – glass, metal, paper, plastic, organics, banned items, miscellaneous items and commingled recyclables. Glass, metal, paper and plastic are considered traditional commodities and serve as the foundation of local government recycling programs.

Appliances, electronics, lead-acid batteries, used motor oil and whole waste tires are banned by law from any type of landfill disposal. Yard trimmings are banned from disposal in Class 3 landfills. The majority of yard trimmings, however, are disposed of in Class 2 landfills. See Table 9.1 on page 86 for a breakdown of landfill classifications.

Miscellaneous recyclables include antifreeze, cooking oil, fluorescent bulbs, hazardous household material (HHM), inkjet/toner cartridges, mattresses, paint, rechargeable batteries, textiles, used motor oil filters and wood packaging. Levels of collection differ in local government programs.

HHM is reported as a miscellaneous item and highlighted in this report because it poses a potential risk to human health and the environment. For information on local government HHM programs, see Table 5.19.

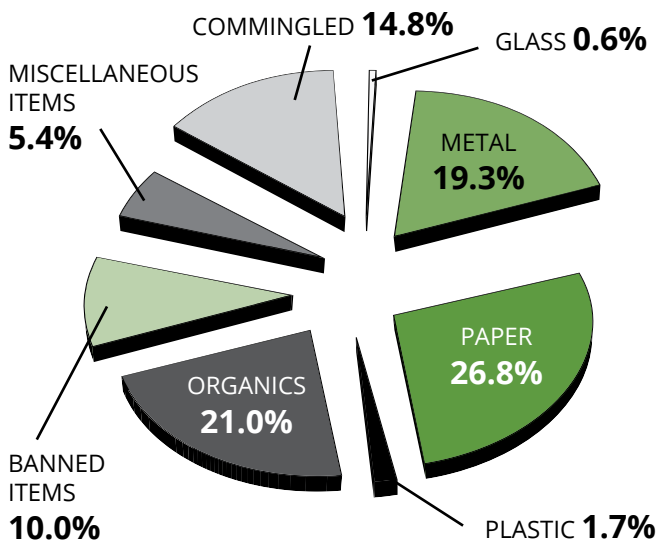
Commingled recyclables consist of a variety of material collected together and not reported by individual material type.

**Paper, metal and organics comprised more than 67 percent of the MSW recycled in FY16.**

Overall, paper was the top commodity recovered – comprising 26.8 percent of the MSW recycled in FY16. Metal, paper and organics combined to make up more than 67 percent of the MSW recycled.

See Chart 5.1 and Table 5.2 for a breakdown of commodities recycled by percent and amount for FY16. See page 30 for a breakdown of the amount of each commodity recycled since FY12.

**CHART 5.1: MSW Commodities Recycled as a Percentage of All MSW Recycled in FY16\***



\*NOTES: Commodities are measured by weight. Percentages do not equal 100 percent due to rounding.

**TABLE 5.2: Amount of MSW Commodities Recycled in FY16**

COMMODITY	TONS
Banned Items	110,393.99
Commingled	162,322.97
Glass	6,670.82
Metal	211,342.13
Miscellaneous	59,765.63
Organics	231,681.95
Paper	293,367.30
Plastic	19,024.17
<b>TOTAL</b>	<b>1,094,568.95</b>



**TABLE 5.3: Glass Recycled by County in Tons**

COUNTY	BROWN	CLEAR	GREEN	MIXED	COUNTY TOTAL
Abbeville	0.09	0.07	0.04	0.04	0.24
Aiken	0.09	0.07	0.04	0.04	0.24
Allendale	0.00	0.00	0.00	0.01	0.01
Anderson	148.94	133.65	168.79	31.49	482.87
Bamberg	0.09	0.07	0.04	0.03	0.23
Barnwell	0.00	0.00	0.00	0.01	0.01
Beaufort	0.34	0.32	0.04	902.42	903.12
Berkeley	0.39	0.00	0.00	0.01	0.40
Calhoun	0.00	0.00	0.00	0.00	0.00
Charleston	0.09	0.07	0.04	11.88	12.08
Cherokee	18.80	25.20	9.80	0.31	54.11
Chester	0.09	0.07	0.04	38.37	38.57
Chesterfield	0.00	0.00	0.00	0.00	0.00
Clarendon	0.00	0.00	0.00	0.01	0.01
Colleton	0.09	0.07	0.04	0.04	0.24
Darlington	0.00	0.00	0.00	0.01	0.01
Dillon	0.09	0.07	0.04	0.04	0.24
Dorchester	0.09	0.07	0.04	108.50	108.70
Edgefield	0.00	0.00	0.00	0.01	0.01
Fairfield	0.09	0.07	0.04	63.19	63.39
Florence	0.00	0.00	0.00	0.01	0.01
Georgetown	0.10	0.11	0.04	0.14	0.39
Greenville	0.09	0.07	0.04	47.28	47.48
Greenwood	0.00	0.00	0.00	1.42	1.42
Hampton	0.09	0.07	0.04	0.04	0.24
Horry	0.10	0.11	0.04	808.10	808.35
Jasper	0.00	0.00	0.00	11.15	11.15
Kershaw	0.00	0.00	0.00	11.63	11.63
Lancaster	0.09	0.07	0.04	0.04	0.24
Laurens	8.55	54.16	0.04	0.04	62.79
Lee	0.09	0.07	0.04	0.03	0.23
Lexington	152.49	203.42	86.44	69.94	512.29
Marion	0.00	0.00	0.00	0.01	0.01
Marlboro	0.00	0.00	0.00	0.00	0.00
McCormick	0.00	0.00	0.00	0.01	0.01
Newberry	0.09	0.07	0.04	81.70	81.90
Oconee	97.06	141.07	151.79	0.04	389.96
Orangeburg	0.09	0.07	0.04	0.04	0.24
Pickens	68.18	77.27	71.17	49.30	265.92
Richland	18.13	2.11	3.67	163.8	187.71
Saluda	0.00	0.00	0.00	0.01	0.01
Spartanburg	0.09	0.07	0.04	1,383.69	1,383.89
Sumter	55.46	11.99	55.41	507.58	630.44
Union	0.00	0.00	0.00	0.31	0.31
Williamsburg	0.00	0.00	0.00	0.01	0.01
York	178.93	261.26	165.09	4.44	609.71
<b>STATE TOTAL</b>	<b>748.91</b>	<b>911.79</b>	<b>712.96</b>	<b>4,297.17</b>	<b>6,670.82</b>

**TABLE 5.4: Metal Recycled by County in Tons**

COUNTY	ALUMINUM	FERROUS	NON-FERROUS	STEEL	MIXED SCRAP	COUNTY TOTAL
Abbeville	5.86	5.15	0.00	0.15	374.30	385.46
Aiken	0.25	0.11	0.00	0.15	65.20	65.71
Allendale	0.01	3.95	0.00	0.16	8.48	12.60
Anderson	158.37	27,365.73	7,758.47	4.20	2,189.86	37,476.63
Bamberg	0.17	0.11	0.00	0.15	10.80	11.23
Barnwell	2.74	0.00	0.00	0.15	102.55	105.44
Beaufort	43.76	2,840.58	170.00	0.21	731.75	3,786.30
Berkeley	111.38	217.31	610.50	50.75	1,121.39	2,111.33
Calhoun	1.30	0.00	0.00	0.15	181.39	182.84
Charleston	39.57	33.60	0.00	0.15	1,277.46	1,350.77
Cherokee	10.82	20.76	0.02	33.80	249.83	315.21
Chester	10.03	14.47	0.00	1.01	103.59	129.10
Chesterfield	3.52	44.12	0.00	0.15	379.98	427.77
Clarendon	0.02	0.00	0.00	0.15	0.74	0.91
Colleton	7.37	5.52	0.00	0.16	402.11	415.16
Darlington	1.16	0.96	0.00	0.16	378.59	380.87
Dillon	1.33	1.07	0.40	0.16	155.24	158.20
Dorchester	0.65	1,071.57	1,208.00	18.75	5,387.57	7,686.54
Edgefield	4.97	5.04	0.00	18.75	310.74	339.50
Fairfield	3.50	2.11	0.00	0.15	431.44	437.20
Florence	1.28	58.91	0.00	18.76	172.81	251.76
Georgetown	94.10	4,156.43	0.00	2.61	246.30	4,499.44
Greenville	9.16	4,110.07	573.23	67.90	19,925.29	24,685.65
Greenwood	110.51	23,010.97	0.00	2.05	383.00	23,506.53
Hampton	0.18	4.06	0.00	0.16	145.16	149.56
Horry	448.17	11,196.11	1,849.56	420.94	10,681.51	24,596.29
Jasper	3.10	5.41	0.00	0.16	262.72	271.39
Kershaw	26.52	17.50	0.00	18.75	56.74	119.51
Lancaster	3.40	2.11	0.00	0.15	120.57	126.23
Laurens	59.99	4,615.47	0.00	0.15	732.49	5,408.10
Lee	2.15	0.11	24.24	0.15	62.16	88.81
Lexington	156.86	15,238.10	1,327.50	27.16	5,331.91	22,081.54
Marion	1.16	0.96	0.00	0.16	1.28	3.56
Marlboro	4.30	222.96	0.00	0.16	1.10	228.52
McCormick	2.60	5.04	0.00	18.75	181.04	207.43
Newberry	5.31	478.24	5.00	5.50	749.37	1,243.42
Oconee	36.00	347.97	50.00	0.16	1,092.22	1,526.35
Orangeburg	1.28	1,308.11	0.00	0.15	813.97	2,123.51
Pickens	16.96	60.07	121.12	2.82	1,738.74	1,939.71
Richland	479.14	6,285.73	83.53	113.03	1,657.32	8,618.75
Saluda	2.89	5.04	0.00	0.15	242.46	250.54
Spartanburg	323.64	11,135.37	332.47	957.18	2,920.90	15,669.55
Sumter	123.47	436.53	0.00	103.40	4,702.15	5,365.55
Union	3.11	5.95	0.00	0.17	8.55	17.78
Williamsburg	2.89	7.21	0.00	0.16	50.18	60.44
York	141.32	9,019.36	77.25	111.09	3,174.42	12,523.45
<b>STATE TOTAL</b>	<b>2,466.26</b>	<b>123,365.94</b>	<b>14,191.29</b>	<b>2,001.27</b>	<b>69,317.36</b>	<b>211,342.13</b>

**TABLE 5.5: Paper Recycled by County in Tons**

COUNTY	CARDBOARD	MAGAZINES	NEWSPAPER	OFFICE PAPER	PAPERBOARD	TELEPHONE BOOKS	MIXED PAPER	COUNTY TOTAL
Abbeville	913.22	0.02	0.02	4.80	0.00	0.00	145.72	1,063.78
Aiken	2,501.25	0.02	0.02	4.07	0.00	0.00	6.42	2,511.78
Allendale	45.28	0.00	0.00	7.71	0.00	0.01	0.06	53.06
Anderson	8,832.43	1.63	0.60	89.49	8.00	0.09	2,716.67	11,648.91
Bamberg	135.23	0.02	0.02	0.78	0.00	0.00	0.06	136.11
Barnwell	487.32	0.00	0.00	1.34	0.00	0.00	35.74	524.40
Beaufort	3,944.72	0.17	647.44	1,554.21	36.96	0.08	1,688.17	7,871.75
Berkeley	3,992.89	4.51	0.35	39.10	0.08	0.10	19.54	4,056.54
Calhoun	265.57	1.00	1.00	9.21	1.00	1.00	1.03	277.81
Charleston	11,608.44	2.17	0.14	867.39	11.84	1.08	133.03	12,624.09
Cherokee	3,106.00	0.32	0.40	176.16	0.00	0.07	559.28	3,842.23
Chester	849.62	0.02	0.02	2.79	0.00	0.01	93.73	946.19
Chesterfield	1,235.73	0.19	0.11	2.13	0.00	0.01	0.18	1,238.35
Clarendon	601.53	0.00	0.00	1.43	0.00	0.00	0.16	603.12
Colleton	2,606.66	0.17	15.94	9.69	0.00	0.08	0.31	2,632.85
Darlington	745.36	0.02	0.00	1.68	0.00	0.00	0.33	747.39
Dillon	395.00	0.23	0.13	2.41	0.00	0.00	0.11	397.88
Dorchester	2,337.24	0.17	0.14	92.21	0.00	0.08	456.82	2,886.66
Edgefield	458.06	0.00	105.44	1.54	0.00	0.00	57.41	622.45
Fairfield	509.96	0.02	0.02	5.38	0.00	0.01	221.93	737.32
Florence	3,113.87	0.02	0.00	22.97	0.00	0.14	29.09	3,166.09
Georgetown	1,595.92	2.04	220.16	22.77	0.08	0.02	538.23	2,379.22
Greenville	17,914.47	0.02	0.02	209.49	0.00	0.03	4,614.62	22,738.65
Greenwood	3,908.31	0.25	0.25	40.36	0.00	0.00	1,300.20	5,249.38
Hampton	246.67	0.02	0.02	9.06	0.00	0.00	27.08	282.85
Horry	22,853.24	14.54	5,201.56	2,527.59	0.58	10.32	640.05	31,247.88
Jasper	526.72	1.16	52.74	8.57	0.00	0.08	0.78	590.05
Kershaw	1,305.26	0.00	0.00	2.20	0.00	0.00	34.19	1,341.65
Lancaster	1,555.87	0.02	0.02	2.05	0.00	0.01	9.52	1,567.49
Laurens	2,633.01	0.02	64.04	11.62	0.06	0.00	144.35	2,853.10
Lee	438.11	0.02	6.83	2.01	0.00	0.00	2.17	449.14
Lexington	29,862.89	8.24	24.05	3,800.70	0.20	0.10	4,222.72	37,918.90
Marion	419.83	0.02	0.00	2.64	0.00	0.00	0.14	422.63
Marlboro	593.67	0.21	0.11	581.11	28.60	0.00	238.90	1,442.60
McCormick	227.37	0.00	22.27	1.30	0.00	0.00	71.66	322.60
Newberry	3,002.85	0.02	0.07	38.15	0.00	0.00	2,076.70	5,117.79
Oconee	6,389.60	0.02	360.63	10.63	0.00	0.03	534.63	7,295.54
Orangeburg	2,892.65	2.12	23.72	62.73	1.05	0.00	7.22	2,989.49
Pickens	3,606.06	0.02	593.73	170.07	0.00	0.03	199.71	4,569.62
Richland	21,274.80	13.62	1,315.54	2,082.81	12.68	1,000.07	4,982.89	30,682.41
Saluda	134.02	0.00	44.75	1.30	0.00	0.00	71.60	251.67
Spartanburg	36,487.59	2.74	2.72	1,008.72	2.30	2.44	17,593.92	55,100.43
Sumter	4,194.20	0.72	440.64	108.23	0.00	0.02	1,515.10	6,258.91
Union	1,629.15	0.32	0.40	18.89	0.00	0.07	0.63	1,649.46
Williamsburg	514.98	0.02	89.00	3.62	0.00	0.50	7.57	615.69
York	9,654.19	13.10	584.28	136.98	6.12	8.78	1,037.96	11,441.40
<b>STATE TOTAL</b>	<b>222,546.81</b>	<b>69.96</b>	<b>9,819.33</b>	<b>13,760.08</b>	<b>108.55</b>	<b>1,024.26</b>	<b>46,038.32</b>	<b>293,367.30</b>

**TABLE 5.6: Plastic Recycled by County in Tons**

COUNTY	HDPE	LDPE	PET	PP	PS	VINYL	COMMINGLED PET & HDPE	MIXED PLASTIC	COUNTY TOTAL
Abbeville	38.92	18.31	0.04	0.00	0.00	0.00	0.00	166.07	223.34
Aiken	0.36	43.36	0.18	0.00	0.00	0.00	0.00	51.82	95.72
Allendale	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.09	1.10
Anderson	116.12	143.00	21.50	0.00	0.00	0.00	0.00	2,684.28	2,964.90
Bamberg	0.04	0.00	0.04	0.00	0.00	0.00	0.00	2.32	2.40
Barnwell	0.07	4.85	0.01	0.00	0.00	0.00	20.73	0.05	25.71
Beaufort	0.73	14.99	0.41	0.00	0.00	0.00	439.34	2,021.27	2,476.74
Berkeley	84.54	105.18	0.83	0.00	0.00	1.00	0.00	34.72	226.27
Calhoun	23.08	23.00	10.00	0.00	0.00	0.00	0.00	1,154.03	1,210.11
Charleston	5.31	178.24	1.53	0.00	0.00	0.00	0.00	444.10	629.18
Cherokee	0.62	17.03	0.81	0.00	0.00	0.00	25.20	28.27	71.93
Chester	3.56	7.51	0.10	0.00	0.00	0.00	0.00	49.33	60.50
Chesterfield	20.62	95.65	0.23	0.00	0.00	0.00	0.00	2.08	118.57
Clarendon	0.16	10.19	0.08	0.00	0.00	0.00	0.00	0.17	10.60
Colleton	0.49	30.68	0.31	0.00	0.00	0.00	0.04	0.97	32.49
Darlington	0.23	15.12	0.13	0.00	0.00	0.00	0.00	0.76	16.24
Dillon	0.11	4.51	0.08	0.00	0.00	0.00	0.00	0.48	5.18
Dorchester	0.53	38.13	0.35	0.00	0.00	0.00	0.00	162.68	201.69
Edgefield	0.05	2.08	0.01	0.00	0.00	0.00	37.97	4.84	44.95
Fairfield	43.23	6.00	0.10	0.00	0.00	0.00	0.00	0.53	49.86
Florence	0.91	61.10	0.52	0.00	0.00	0.00	0.00	19.08	81.61
Georgetown	28.97	29.38	55.44	0.00	0.00	0.00	0.00	81.31	195.10
Greenville	33.40	162.33	8.30	0.00	0.00	0.00	0.00	164.75	368.79
Greenwood	4.87	8.77	13.21	0.00	0.00	0.00	0.00	3.90	30.75
Hampton	0.04	0.00	0.04	0.00	0.00	0.00	0.00	19.99	20.07
Horry	331.86	260.82	639.11	0.00	0.00	0.00	22.00	354.70	1,608.49
Jasper	0.09	9.53	0.03	0.00	0.00	0.00	0.00	5.07	14.72
Kershaw	100.08	3.68	0.03	0.00	0.00	0.00	0.00	9.70	113.49
Lancaster	0.46	30.42	0.30	0.00	0.00	0.00	0.00	97.75	128.93
Laurens	0.12	26.73	0.09	0.00	0.00	0.00	0.00	71.01	97.95
Lee	3.40	0.00	1.36	0.00	0.00	0.00	0.00	82.86	87.62
Lexington	189.69	310.94	97.31	0.00	0.00	2.00	0.00	1,343.02	1,942.96
Marion	278.20	13.74	66.12	0.00	0.00	161.00	0.00	90.24	609.30
Marlboro	1.34	8.47	0.08	0.00	0.00	0.00	0.00	75.15	85.04
McCormick	0.01	0.00	0.00	0.00	0.00	0.00	15.54	4.84	20.39
Newberry	33.85	24.63	0.19	0.00	0.00	0.00	27.92	415.82	502.41
Oconee	0.13	19.32	0.49	0.00	0.00	0.00	0.00	120.58	140.52
Orangeburg	7.24	20.23	5.12	0.00	0.00	0.00	0.00	201.30	233.89
Pickens	36.54	41.81	40.30	0.00	0.00	0.00	21.05	68.26	207.96
Richland	10.10	123.57	4.08	0.00	0.00	0.00	10.64	281.51	429.90
Saluda	0.01	0.00	0.00	0.00	0.00	0.00	25.13	0.06	25.20
Spartanburg	2.03	66.04	5.98	0.00	0.00	0.00	0.00	2,121.99	2,196.04
Sumter	88.00	31.04	141.33	0.00	0.00	0.00	94.22	103.94	458.53
Union	0.04	2.65	0.02	0.00	0.00	0.00	0.00	0.20	2.91
Williamsburg	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.06
York	19.38	545.78	64.96	0.00	0.00	1.07	6.37	310.37	947.91
<b>STATE TOTAL</b>	<b>1,509.55</b>	<b>2,558.80</b>	<b>1,181.15</b>	<b>0.00</b>	<b>0.00</b>	<b>165.07</b>	<b>746.15</b>	<b>12,863.45</b>	<b>19,024.17</b>

**TABLE 5.7: Banned Items Recycled by County in Tons**

COUNTY	APPLIANCES	ELECTRONICS	LEAD-ACID BATTERIES	TIRES	USED MOTOR OIL	COUNTY TOTAL
Abbeville	1.55	69.47	81.89	429.16	27.21	609.28
Aiken	0.12	1.94	326.28	1,172.37	129.45	1,630.16
Allendale	0.63	29.94	16.54	63.39	5.40	115.90
Anderson	2,215.66	732.21	891.02	2,076.78	95.59	6,011.26
Bamberg	0.12	0.18	24.50	282.08	21.26	328.14
Barnwell	0.09	43.15	70.96	250.71	31.40	396.31
Beaufort	1,493.25	241.77	339.33	2,110.84	106.52	4,291.71
Berkeley	170.89	402.29	398.86	1,959.34	111.95	3,043.33
Calhoun	0.09	25.92	24.60	162.80	85.77	299.18
Charleston	1,184.12	531.63	794.37	4,791.00	173.32	7,474.44
Cherokee	49.06	64.77	106.85	1,069.63	22.45	1,312.76
Chester	0.12	56.68	63.79	354.72	40.40	515.71
Chesterfield	0.09	166.17	90.97	533.40	28.47	819.10
Clarendon	0.09	84.58	71.73	355.42	16.80	528.62
Colleton	0.66	57.73	85.42	664.62	2.36	810.79
Darlington	0.09	42.03	120.34	661.62	24.99	849.07
Dillon	0.12	77.10	55.07	505.57	16.20	654.06
Dorchester	0.12	215.69	272.68	1,309.65	99.34	1,897.48
Edgefield	0.09	9.57	49.07	220.30	57.38	336.41
Fairfield	0.12	117.45	34.42	494.61	34.88	681.48
Florence	2,312.09	284.96	279.95	1,441.78	82.32	4,401.10
Georgetown	0.32	165.01	109.73	844.23	42.38	1,161.67
Greenville	581.85	622.78	1,049.07	9,923.57	148.67	12,325.94
Greenwood	0.09	32.61	188.87	1,240.66	32.20	1,494.43
Hampton	23.99	92.48	32.96	303.65	19.71	472.79
Horry	1.32	1,179.28	1,727.86	5,647.01	147.40	8,702.87
Jasper	4.10	141.92	57.97	196.51	24.80	425.30
Kershaw	88.07	723.46	120.28	683.34	69.20	1,684.35
Lancaster	0.12	655.59	187.63	885.95	53.11	1,782.40
Laurens	0.12	182.72	180.35	650.40	54.82	1,068.41
Lee	0.03	57.68	24.49	290.60	26.01	398.81
Lexington	1,909.48	485.07	735.83	1,183.41	212.32	4,526.11
Marion	0.09	0.22	85.34	202.29	63.40	351.34
Marlboro	0.09	1.68	45.07	157.74	5.13	209.71
McCormick	0.09	2.85	928.05	46.17	14.14	991.30
Newberry	0.12	132.82	71.10	953.68	27.80	1,185.52
Oconee	11.46	2.47	128.79	1,069.14	198.61	1,410.47
Orangeburg	0.12	1,371.99	228.89	1,044.03	105.27	2,750.30
Pickens	0.66	353.86	231.58	1,313.13	92.45	1,991.68
Richland	5,715.02	1,119.65	1,320.41	4,211.81	122.55	12,489.44
Saluda	0.09	8.56	33.08	168.51	35.51	245.75
Spartanburg	0.15	1,760.36	778.12	3,146.85	169.07	5,854.55
Sumter	3,490.92	275.81	203.10	1,589.07	71.52	5,630.42
Union	0.66	81.85	47.51	279.45	12.77	422.24
Williamsburg	0.09	140.86	49.52	189.43	1.00	380.90
York	36.86	862.24	509.03	3,887.38	135.49	5,431.00
<b>STATE TOTAL</b>	<b>19,295.08</b>	<b>13,709.07</b>	<b>13,273.24</b>	<b>61,017.79</b>	<b>3,098.79</b>	<b>110,393.99</b>



**TABLE 5.8: Miscellaneous Items Recycled by County in Tons**

COUNTY	ANTIFREEZE	CARPET	CARPET PADDING	COOKING OIL/GREASE	FLUORESCENT BULBS	HHM	INKJET/TONER CARTRIDGES	MATTRESSES
Abbeville	0.49	0.00	0.00	8.43	1.56	0.00	0.11	0.01
Aiken	1.19	0.00	0.00	9.39	0.61	0.00	0.21	0.01
Allendale	0.15	0.00	0.00	0.03	0.03	0.00	0.13	0.00
Anderson	0.50	0.00	0.00	102.80	3.99	0.00	3.68	0.01
Bamberg	0.00	0.00	0.00	0.00	0.01	0.00	0.02	0.01
Barnwell	0.15	0.00	0.00	2.66	0.04	0.00	0.11	0.00
Beaufort	8.06	0.00	0.00	46.19	2.64	0.00	2.04	0.01
Berkeley	17.10	7.50	117.51	18.02	2.84	0.00	3.06	0.00
Calhoun	0.00	0.00	0.00	0.00	2.45	0.00	0.07	0.00
Charleston	34.20	0.75	0.02	64.86	15.08	0.00	1.72	5.79
Cherokee	0.33	0.00	0.00	2.66	0.37	0.00	0.28	0.02
Chester	0.72	0.00	0.00	13.83	0.19	8.00	0.16	0.01
Chesterfield	0.18	0.00	0.00	48.45	2.26	0.00	0.02	0.00
Clarendon	0.15	0.00	0.00	3.29	0.03	0.00	0.11	0.00
Colleton	0.41	0.00	0.00	8.87	0.08	0.00	3.48	0.01
Darlington	0.40	0.00	0.00	60.78	0.08	0.00	0.11	0.00
Dillon	0.40	0.00	0.00	3.82	0.21	0.00	0.11	0.01
Dorchester	2.44	103.23	0.00	35.14	0.87	0.00	0.21	0.01
Edgefield	0.49	0.00	0.00	2.30	0.09	0.00	0.11	0.00
Fairfield	0.18	0.00	0.00	8.41	0.11	0.00	0.02	0.01
Florence	0.72	0.00	0.00	22.13	0.08	0.00	0.55	0.00
Georgetown	0.41	15.68	0.40	2,000.62	0.18	5.41	0.56	0.01
Greenville	31.39	0.00	0.00	73.49	16.66	0.00	1.60	0.01
Greenwood	1.12	0.00	0.00	6.66	1.28	0.00	2.21	0.00
Hampton	0.37	0.00	0.00	0.03	0.06	0.00	0.13	0.01
Horry	1,535.25	389.47	207.36	986.04	7.27	0.00	4.85	18.88
Jasper	0.48	0.00	0.00	5.06	0.06	0.00	0.14	0.00
Kershaw	2.65	0.00	0.00	2.96	0.12	0.00	0.11	0.00
Lancaster	1.33	0.00	0.00	8.13	0.05	0.00	0.11	0.01
Laurens	0.49	0.00	0.00	5.49	0.65	0.00	0.31	0.01
Lee	0.00	0.00	0.00	0.00	0.10	0.00	0.02	0.01
Lexington	46.61	206.97	176.6	62.48	39.67	17.48	2.16	180.98
Marion	365.40	0.00	0.00	5.34	0.08	0.00	0.11	0.00
Marlboro	0.25	0.00	0.00	5.30	0.19	0.00	0.35	0.00
McCormick	0.49	0.00	0.00	0.33	0.09	0.00	0.11	0.00
Newberry	1.11	0.00	0.00	4.85	1.67	0.00	0.11	0.01
Oconee	19.13	0.00	0.00	63.02	3.47	0.00	2.71	0.01
Orangeburg	1.15	0.00	0.00	20.09	3.43	0.00	67.51	0.01
Pickens	1.90	0.00	0.00	28.82	4.62	0.00	2.35	0.01
Richland	3.12	18.99	13.31	46.55	11.56	23.01	9.78	176.95
Saluda	0.49	0.00	0.00	0.03	0.09	0.00	0.11	0.00
Spartanburg	21.91	120.00	0.00	29.68	16.60	20.75	0.73	0.03
Sumter	8.75	0.02	0.01	11.79	6.09	0.00	1.00	0.01
Union	0.33	0.00	0.00	5.50	0.35	0.00	0.27	0.02
Williamsburg	0.40	2.00	0.00	0.03	0.08	0.00	0.36	15.00
York	937.89	426.40	0.00	93.70	21.05	3.51	11.00	0.01
<b>STATE TOTAL</b>	<b>3,050.67</b>	<b>1,291.01</b>	<b>515.21</b>	<b>3,928.04</b>	<b>169.07</b>	<b>78.16</b>	<b>125.00</b>	<b>397.89</b>

*Continued on the following page*

**TABLE 5.8: Miscellaneous Items Recycled by County in Tons (continued)**

COUNTY	PAINT	RECHARGEABLE BATTERIES	TEXTILES	USED OIL FILTERS	WOOD PACKAGING	OTHER ITEMS	TOTAL
Abbeville	0.00	0.44	330.80	1.79	57.59	60.44	461.66
Aiken	0.00	1.14	0.01	0.17	360.77	153.78	527.28
Allendale	0.00	0.02	0.01	1.08	0.05	0.10	1.60
Anderson	1.25	0.38	388.75	2.88	2,699.57	681.08	3,884.89
Bamberg	0.00	0.01	0.01	0.00	0.01	0.06	0.13
Barnwell	0.00	0.02	0.01	0.07	0.05	1.53	4.63
Beaufort	327.22	5.09	0.01	13.36	389.26	238.20	1,032.08
Berkeley	0.05	2.48	11.06	47.55	1,199.23	137.98	1,564.37
Calhoun	0.00	0.11	0.01	0.00	31.10	0.04	33.78
Charleston	79.30	3.77	0.01	33.20	2,836.15	44.12	3,118.97
Cherokee	0.01	0.10	0.01	3.19	230.05	0.45	237.46
Chester	7.00	0.32	0.01	1.72	13.28	0.12	45.36
Chesterfield	0.00	0.14	4,670.16	5.10	0.14	142.54	4,868.99
Clarendon	0.00	0.02	0.01	0.07	0.05	0.10	3.83
Colleton	0.00	0.02	0.01	0.45	0.06	0.11	13.50
Darlington	0.00	0.13	0.01	0.27	143.05	0.10	204.93
Dillon	0.00	0.02	0.01	0.27	0.06	0.10	5.01
Dorchester	0.00	1.83	8.06	5.05	868.56	0.13	1,025.54
Edgefield	0.00	0.02	8.06	2.32	0.20	0.92	14.51
Fairfield	0.00	0.08	0.01	2.20	0.15	0.06	11.23
Florence	0.00	0.43	8.06	3.62	260.05	0.11	295.76
Georgetown	58.32	0.03	1,587.51	0.28	313.81	5.67	3,988.89
Greenville	2.10	3.11	346.19	12.24	2,338.37	68.76	2,893.92
Greenwood	0.00	0.21	0.01	0.48	705.13	0.91	718.01
Hampton	0.00	0.02	0.01	1.77	0.05	0.12	2.57
Horry	65.30	76.83	1,518.74	108.65	1,048.66	5.88	5,973.17
Jasper	0.00	0.00	0.01	0.38	0.00	3.04	9.17
Kershaw	0.00	0.17	8.06	1.87	117.05	0.11	133.10
Lancaster	5.23	2.73	0.01	27.50	199.91	0.14	245.15
Laurens	0.00	0.07	0.01	0.38	17.36	0.93	25.70
Lee	0.00	0.00	0.01	4.03	0.01	66.40	70.58
Lexington	0.70	3.78	71.01	323.96	5,457.45	323.35	6,913.20
Marion	0.00	0.03	0.01	20.63	100.05	0.10	491.75
Marlboro	0.00	0.08	0.01	0.83	20.00	21.04	48.05
McCormick	0.00	0.02	8.06	1.21	0.20	0.92	11.43
Newberry	0.25	0.25	0.01	99.71	1,389.2	0.93	1,498.11
Oconee	0.00	1.36	131.07	16.95	944.42	111.51	1,293.65
Orangeburg	0.25	1.14	0.01	3.40	1,055.61	164.74	1,317.34
Pickens	0.00	0.36	679.06	413.05	390.46	4.01	1,524.63
Richland	2.34	5.99	135.38	112.09	853.98	61.62	1,474.66
Saluda	0.00	0.02	0.00	1.75	0.20	0.91	3.60
Spartanburg	16.60	6.35	159.08	6.88	7,398.49	181.61	7,978.69
Sumter	0.01	0.47	87.22	110.87	237.85	1.18	465.27
Union	0.00	0.02	0.01	1.23	0.50	0.17	8.40
Williamsburg	0.00	0.02	0.01	0.27	14.84	0.10	33.11
York	100.03	8.37	57.96	1,257.16	2,351.91	19.03	5,288.00
<b>STATE TOTAL</b>	<b>665.96</b>	<b>127.99</b>	<b>10,214.55</b>	<b>2,651.91</b>	<b>34,044.93</b>	<b>2,505.23</b>	<b>59,765.63</b>

**TABLE 5.9: Organics Recycled by County**

COUNTY	FOOD WASTE	YARD TRIMMINGS (boiler fuel)	YARD TRIMMINGS (composted)	YARD TRIMMINGS (mulched)	TONS
Abbeville	0.01	0.00	0.00	0.01	0.02
Aiken	0.01	0.00	0.00	0.01	0.02
Allendale	0.01	0.00	0.00	0.00	0.01
Anderson	30.01	0.00	0.00	0.01	30.02
Bamberg	0.01	0.00	0.00	0.01	0.02
Barnwell	0.01	0.00	0.00	0.00	0.01
Beaufort	42.60	5,281.50	1,799.00	0.13	7,123.23
Berkeley	5.17	0.00	26.44	44.29	75.90
Calhoun	0.01	0.00	0.00	0.00	0.01
Charleston	5,200.64	0.00	66,573.57	1.38	71,775.59
Cherokee	0.02	0.00	0.00	1,123.26	1,123.28
Chester	0.01	0.00	0.00	0.01	0.02
Chesterfield	0.01	0.00	0.00	0.00	0.01
Clarendon	0.01	0.00	0.00	0.00	0.01
Colleton	0.01	0.00	0.00	0.13	0.14
Darlington	0.01	0.00	0.00	0.00	0.01
Dillon	0.01	0.00	0.00	0.01	0.02
Dorchester	38.81	0.00	0.00	14,827.20	14,866.01
Edgefield	0.01	0.00	0.00	0.00	0.01
Fairfield	0.01	0.00	0.00	1,200.01	1,200.02
Florence	0.01	0.00	0.00	1,823.25	1,823.26
Georgetown	1.16	199.10	0.28	0.16	200.70
Greenville	573.71	0.00	0.00	29,938.06	30,511.77
Greenwood	925.01	0.00	0.00	0.00	925.01
Hampton	0.01	0.00	0.00	1,789.01	1,789.02
Horry	344.59	0.00	37,114.10	2.16	37,460.85
Jasper	0.01	0.00	0.00	0.12	0.13
Kershaw	0.01	0.00	0.00	5,065.00	5,065.01
Lancaster	0.01	0.00	0.00	0.01	0.02
Laurens	0.01	0.00	0.00	185.60	185.61
Lee	0.01	0.00	0.00	155.01	155.02
Lexington	128.01	0.00	6,710.88	10,001.59	16,840.48
Marion	0.01	0.00	0.00	0.00	0.01
Marlboro	0.01	0.00	2,581.00	0.00	2,581.01
McCormick	0.01	0.00	0.00	0.00	0.01
Newberry	2,553.16	0.00	0.00	3,347.61	5,900.77
Oconee	0.01	0.00	0.00	4,211.90	4,211.91
Orangeburg	39.81	0.00	0.00	0.01	39.82
Pickens	271.36	0.00	1,230.59	5,382.56	6,884.51
Richland	0.01	0.00	0.00	2,757.80	2,757.81
Saluda	0.01	0.00	0.00	0.00	0.01
Spartanburg	0.02	0.00	67.79	4,285.84	4,353.65
Sumter	0.01	535.90	209.37	0.01	745.29
Union	0.02	0.00	0.00	10.83	10.85
Williamsburg	0.01	0.00	0.00	0.00	0.01
York	2.98	0.00	0.00	13,042.07	13,045.05
<b>STATE TOTAL</b>	<b>10,157.37</b>	<b>6,016.50</b>	<b>116,313.02</b>	<b>99,195.06</b>	<b>231,681.95</b>

**TABLE 5.10: Commingled Items Recycled by County**

COUNTY	TONS
Abbeville	1.28
Aiken	3,148.73
Allendale	2.91
Anderson	24,388.43
Bamberg	4.68
Barnwell	0.27
Beaufort	4,401.01
Berkeley	3,235.24
Calhoun	67.13
Charleston	41,359.83
Cherokee	61.36
Chester	50.62
Chesterfield	576.41
Clarendon	0.27
Colleton	38.62
Darlington	609.1
Dillon	1.28
Dorchester	5,113.48
Edgefield	43.85
Fairfield	14.87
Florence	2,727.08
Georgetown	29.12
Greenville	24,036.04
Greenwood	2,220.07
Hampton	16.88
Horry	1,888.17
Jasper	16.66
Kershaw	61.11
Lancaster	813.02
Laurens	38.68
Lee	11.41
Lexington	8,853.71
Marion	35.57
Marlboro	0.00
McCormick	0.27
Newberry	391.10
Oconee	15.81
Orangeburg	72.44
Pickens	1,283.72
Richland	20,220.44
Saluda	18.20
Spartanburg	10,096.16
Sumter	1.72
Union	363.86
Williamsburg	4.80
York	5,987.57
<b>STATE TOTAL</b>	<b>162,322.97</b>

**TABLE 5.11: Amount of Glass Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	10,646.59
2013	9,183.02
2014	5,979.56
2015	6,288.69
<b>2016</b>	<b>6,670.82</b>

**TABLE 5.12: Amount of Metal Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	323,820.77
2013	340,623.29
2014	349,233.40
2015	236,137.31
<b>2016</b>	<b>211,342.13</b>

**TABLE 5.13: Amount of Paper Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	395,775.10
2013	474,784.31
2014	316,216.86
2015	305,797.77
<b>2016</b>	<b>281,320.45</b>

**TABLE 5.14: Amount of Plastic Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	18,211.66
2013	19,813.86
2014	16,077.12
2015	17,311.26
<b>2016</b>	<b>23,636.67</b>

**TABLE 5.15: Amount of Banned Items Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	328,791.42
2013	337,863.96
2014	95,691.21
2015	92,566.37
<b>2016</b>	<b>110,393.99</b>

**TABLE 5.16: Amount of Miscellaneous Items Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	70,045.05
2013	57,141.48
2014	115,843.91
2015	70,943.61
<b>2016</b>	<b>59,765.63</b>

**TABLE 5.17: Amount of Organics Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	1,624.64*
2013	8,906.25*
2014	257,980.35
2015	203,571.24
<b>2016</b>	<b>323,211.88</b>

\*This amount is included in the total for Miscellaneous Items under Food Scraps.

**TABLE 5.18: Amount of Commingled Recycled in South Carolina by FY**

FISCAL YEAR	TONS
2012	81,809.84
2013	92,550.41
2014	106,472.43
2015	168,573.82
<b>2016</b>	<b>162,322.97</b>

**TABLE 5.19: HHM Collected by Counties in FY16**

COUNTY	TONS
Beaufort*	327.22
Charleston*	79.30
Georgetown	63.71
Greenville*	2.10
Horry*	65.05
Lancaster*	5.23
Lexington	17.48
Richland	23.01
Spartanburg	35.75
York	86.15

\*Only paint was reported.

# Used Motor Oil Recycling

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-160 – requires the S.C. Department of Health and Environmental Control (DHEC) to publish an annual report on the state’s used motor oil recycling program for do-it-yourself oil changers (DIYers).

The Act requires transporters of used motor oil to register and report to DHEC the amount hauled each calendar year. For purposes of this report, however, the amount of used motor oil collected is presented by fiscal year (FY) – July 1 to June 30 – as reported by counties.

According to the Act, the report must include:

- **The amount of used motor oil collected in each county;**
- **The number of used motor oil collection sites available in each county; and**
- **A summary of local government programs receiving grant funding from DHEC.**

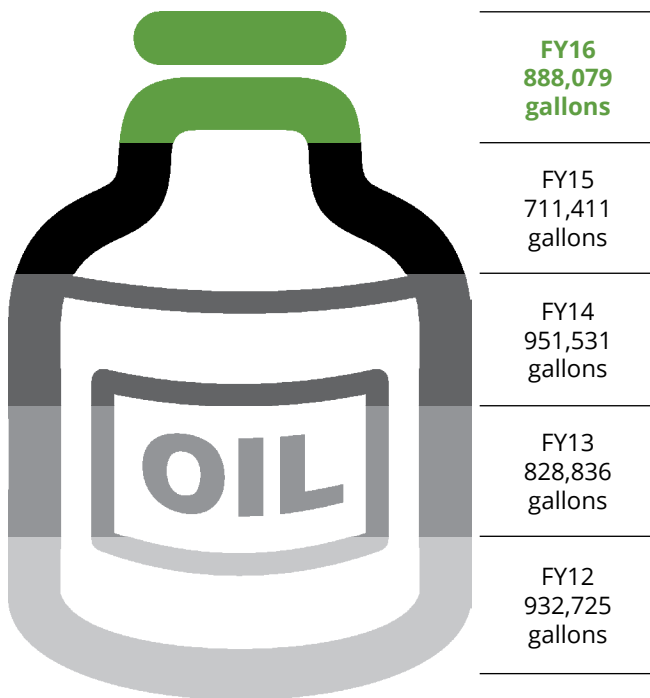
*Nearly  
888,079 gallons of  
used motor oil were  
collected from DIYers  
in South Carolina  
during FY16.*

Overall, there are few barriers to recycling used motor oil, filters and bottles. Despite a continuing price drop, some local governments still earn revenue from the sale of used motor oil. Scrap dealers and steel mills accept drained and crushed used motor oil filters. Bottles, if properly drained, can be recycled with other plastic bottles.

Chart 6.1 illustrates the success of the used motor oil collection program by FY.

Table 6.2 lists the number of sites and gallons collected by county as well as grant awards to the county or municipalities within that county.

**CHART 6.1: Gallons of Used Motor Oil Recycled by S.C. DIYers by FY**



There is a fee of 2 cents per quart of motor oil collected at the wholesale level. Part of this funding is used to provide grants for local governments focusing on DIY used motor oil collection and recycling. In FY16, \$704,893 was awarded to local government programs and primarily used for the purchase of equipment and supplies associated with used motor oil collection sites. Funds also were used to cover costs for used motor oil filter recycling, public education and professional development of local government recycling coordinators and others.

In addition to used motor oil, most county and some municipal recycling programs collect used motor oil filters and bottles from DIYers.

The amount of used motor oil filters and motor oil bottles recycled is difficult to determine or is not always available. For example, many counties collect and market filters with other metals. Given that, the data presented in Section 5 (Table 5.7) does not reflect the full extent of used motor oil filter recycling in the state.

In South Carolina, only used motor oil recycled by DIYers is counted as part of the state’s municipal solid waste recycling rate. In FY16, DIYers recycled nearly 888,079 gallons (or about 3,099 tons) of used motor oil – an increase of nearly 25 percent from the previous FY.



**TABLE 6.2: Number of DIY Used Motor Oil Collection Sites, FY16 Grants Awarded, Gallons Collected and Tonnage Equivalent by County for FY16**

GRANTEE	NUMBER OF SITES	GALLONS	TONS	GRANT AMOUNT
Abbeville	13	7,774.30	27.21	\$10,804.00
Aiken	32	36,985.70	129.45	\$4,300.00
Allendale	6	1,542.80	5.40	◆
Anderson	33	27,311.40	95.59	\$11,750.00
Bamberg	10	6,074.20	21.26	◆
Barnwell	14	8,971.40	31.40	◆
Beaufort	20	30,434.30	106.52	\$7,210.00
Berkeley	31	31,985.70	111.95	\$15,800.00
Calhoun	10	24,505.70	85.77	◆
Charleston	30	49,520.00	173.32	\$10,872.00
Cherokee	18	6,414.20	22.45	\$6,850.00
Chester	15	11,542.80	40.40	\$4,950.00
Chesterfield	13	7,848.50	28.47	\$4,114.00
Clarendon	20	4,800.00	16.80	\$6,317.00
Colleton	19	674.30	2.36	\$6,263.50
Darlington	19	7,140.00	24.99	\$16,890.00
Dillon	18	4,628.50	16.20	\$14,350.00
Dorchester	21	28,382.80	99.34	\$12,340.00
Edgefield	9	16,394.30	57.38	◆
Fairfield	13	9,965.70	34.88	\$15,684.00
Florence	30	23,520.00	82.32	\$9,837.50
Georgetown	22	12,108.60	42.38	\$33,085.00
Greenville	40	42,477.10	148.67	\$19,250.00
Greater Greenville Sanitation	◆	◆	◆	\$750.00
City of Greenville	◆	◆	◆	\$4,750.00
City of Simpsonville	◆	◆	◆	\$3,135.00
Greenwood	14	9,200.00	32.20	\$5,765.50
Hampton	13	5,631.40	19.71	\$7,523.00
Horry	45	42,114.30	147.40	\$43,535.00
Jasper	7	7,085.70	24.80	\$5,030.00
Kershaw	17	19,771.40	69.20	\$15,275.00
Lancaster	16	15,174.30	53.11	\$26,750.00
Laurens	13	15,662.80	54.82	\$12,667.00
Lee	10	7,431.40	26.01	◆
Lexington	34	60,662.80	212.32	\$13,420.00
Marion	9	18,114.30	63.40	\$4,377.50
Marlboro	17	1,465.70	5.13	\$18,708.00
McCormick	4	4,040.00	14.14	◆
Newberry	15	7,942.80	27.8	\$10,461.00
Oconee	21	56,745.70	198.61	\$39,250.00
Orangeburg	30	30,077.10	105.27	◆
Pickens	19	26,414.20	92.45	\$20,060.00
Richland	31	35,014.20	122.55	\$45,120.00
Columbia, City of	◆	◆	◆	\$5,750.00
Saluda	9	10,145.70	35.51	◆
Spartanburg	43	48,305.70	169.07	\$41,000.00
Spartanburg, City of	◆	◆	◆	\$2,858.00
Sumter	22	20,431.50	71.52	\$22,906.00
Sumter, City of	◆	◆	◆	\$3,750.00
Union	10	3,648.50	12.77	◆
Williamsburg	25	285.71	1.00	\$23,575.00
York	41	38,711.40	135.49	\$17,750.00
Rock Hill, City of	◆	◆	◆	\$7,450.00
Three Rivers SWA <sup>1</sup>	◆	◆	◆	\$86,110.00
Tri-County SWA <sup>2</sup>	◆	◆	◆	\$6,500.00
<b>TOTAL</b>	<b>912</b>	<b>888,078.91</b>	<b>3,098.79</b>	<b>\$704,893.00</b>

1. The Three Rivers Solid Waste Authority (SWA) provides solid waste management services to local governments in Aiken, Allendale, Bamberg, Barnwell, Calhoun, Edgefield, McCormick, Orangeburg and Saluda counties.

2. The Tri-County SWA provides solid waste management services to local governments in Edgefield, McCormick and Saluda counties.

◆ Grant funding awarded to municipalities and regional authorities primarily is used to promote used motor oil recycling. Collection sites operated and/or used motor oil collected by a municipality are included in the county's total.

**NOTES:** The majority of sites listed above are provided by local governments, but the total number (912) includes retailers, quick lubes and auto parts stores. Gallons are converted to weight (1 gallon = 7 pounds).

# Recycling: State Agencies & Colleges/Universities

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-140 – requires state agencies and state-supported colleges/universities to:

- **Establish recycling programs for the collection of selected material** including, but not limited to, aluminum, cardboard, glass, lead-acid batteries, paper, plastic, tires and used motor oil;
- **Make necessary modifications to their programs to ensure material is recycled to the maximum extent possible;** and
- **Report the type and amount of material recycled as well as information on the purchase of recycled-content products by September 15** of each year to the S.C. Department of Health and Environmental Control (DHEC).

*State agencies and colleges/universities recycled more than 54,000 tons of material in FY16.*

report and reflects recycling and buying recycled activities for fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016). For more details, see the box below.

Data regarding the amount of material recycled was received either directly from the state agency or college/university that completed the survey provided by DHEC or from vendors providing recycling services. Both public and private colleges/universities are included in this report although only state-supported colleges/universities are required by the Act to provide information.

In FY16, state agencies and colleges/universities recycled more than 54,000 tons of material – an increase of about 176 percent from the 19,615 tons recycled in FY15. This data was compiled from the information

reported by 59 state agencies, two state agency complexes (collectively 22 state agencies) and 28 colleges/universities.

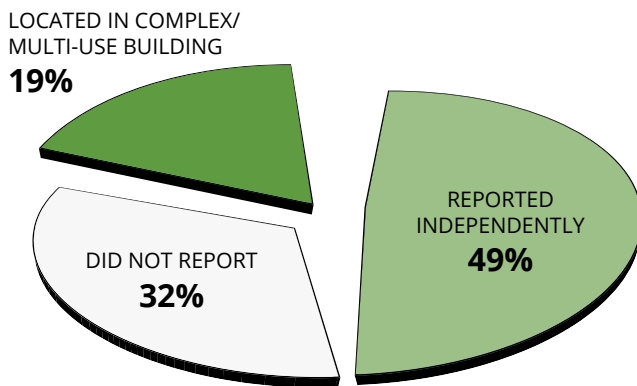
Overall, state agencies reported recycling 9,462 tons of material in FY16 – about a 79 percent increase from the 5,289 tons recycled the previous FY. Paper was the most recycled commodity followed by metal.\*

Colleges/universities reported recycling about 44,712 tons of material – a 212 percent increase from the 14,325 tons recycled the previous FY. C&D debris was the most recycled commodity followed by paper. In FY16, colleges/universities recycled 36,536 tons of C&D debris – an increase of 845 percent from the previous FY.

The percentage of state purchases that contain recycled material cannot be determined because no statewide system to track those purchases exists. The recycled-content products purchased most frequently by state agencies and colleges/universities were office paper and inkjet/toner cartridges.

DHEC is required to submit a report on this information to the Governor and General Assembly by November 1 of each year. This section is a condensed version of the

**CHART 7.1: Percentage of State Agencies Reporting Recycling Data**



## Want more information?

Visit [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle) (then select "Data and Reports") to see the full report about the recycling efforts of South Carolina's state agencies and colleges/universities.



## Recycling by State Agencies

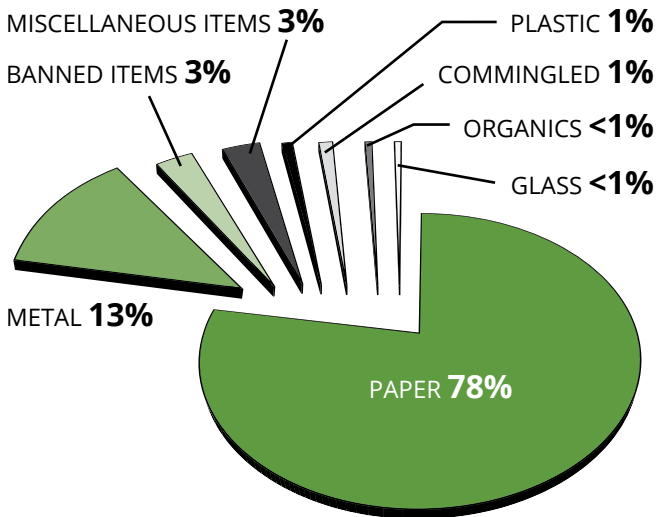
State agencies reported recycling 9,462 tons of material – an increase of about 79 percent from FY15. Compared to the previous FY, there were noteworthy decreases in glass recycling (about 45 percent) and banned items (47 percent). More material was commingled in FY16 – resulting in a decrease in individual commodity numbers. The largest contributions to the FY16 increase in recycling were paper, metal and plastic. Paper and metal were the most recycled products.

**State agencies recycled 9,462 tons of material in FY16 – about 79 percent more than FY15.**

Fifty-nine individual state agencies reported this year compared to 72 in FY15. Due to the housing of state agencies within multi-office buildings and complexes, those located within the Capitol Complex and the South Trust Building in Columbia are reported under those titles. State agencies within these structures who reported their own numbers are listed as individual agencies.

For a complete list of state agencies that reported FY16 data, see pages 36-37.

**CHART 7.3: Percentage of MSW Recycled by State Agencies**



NOTES: Percentages may not add up to 100 percent due to rounding of numbers. While C&D debris is included in the "State Agencies & Colleges/Universities Recycling & Buying Recycled Annual Report," it is not included in the state's MSW recycling rate.

**TABLE 7.2: Commodities Recycled in Tons**

COMMODITIES RECYCLED		AMOUNT
<b>Banned Items</b>	Appliances	11.81
	Electronics	20.52
	Lead-acid batteries	13.48
	Tires	40.78
	Used motor oil	205.49
<b>TOTAL BANNED ITEMS</b>		<b>292.08</b>
<b>Commingled Recyclables</b>	May include: aluminum cans; cardboard; glass; paper; and/or plastic	88.63
<b>TOTAL COMMINGLED RECYCLABLES</b>		<b>88.63</b>
<b>Glass</b> (Containers and Packaging)	Brown	19.94
	Clear	1.83
	Green	0.97
	Other/Mixed Glass	4.57
<b>TOTAL GLASS</b>		<b>27.31</b>
<b>Metal</b>	Aluminum (cans, foil)	125.29
	Ferrous metals	192.28
	Steel cans	194.55
	Other/mixed metal	755.61
<b>TOTAL METAL</b>		<b>1,267.73</b>
<b>Organics</b>	Food waste (composted)	1.25
	Yard trimmings (composted)	0.55
	Yard trimmings (mulched)	21.95
<b>TOTAL ORGANICS</b>		<b>23.75</b>
<b>Paper</b>	Books	12.33
	Cardboard	822.62
	Magazines	8.00
	Newspapers and inserts	4.64
	Office paper	434.01
	Paperboard	15.28
	Phone books	1,003.33
	Other/mixed paper	5,053.16
	<b>TOTAL PAPER</b>	
<b>Plastic</b>	HDPE	2.21
	LDPE	0.02
	PET	1.04
	Vinyl	0.01
	Other/mixed plastic	127.55
<b>TOTAL PLASTIC</b>		<b>130.81</b>
<b>Miscellaneous Items</b>	Antifreeze	18.54
	Clothing/textiles	81.30
	* Wood includes furniture, cabinets and pallets	87.49
	Cooking oil	2.41
	** Other includes batteries, cereal bags, non-hazardous sludge, oil absorbents, and tar waste	10.54
	Fluorescent bulbs	6.45
	Inkjet/toner cartridges	0.37
	Paint (oil or latex)	0.65
	Mattresses/box springs	1.29
	Rechargeable batteries	20.28
	Used oil filters	11.27
	Wood*	35.20
Other**		
<b>TOTAL MISCELLANEOUS ITEMS</b>		<b>275.79</b>
<b>TOTAL FOR ALL</b>		<b>9,462.49</b>

## Recycling by Colleges/Universities

Colleges/universities reported recycling about 44,712 tons of material – a 212 percent increase from the 14,325 tons recycled the previous FY. This increase is largely influenced by C&D debris. In FY16, colleges/universities recycled more than 36,536 tons of C&D debris – an increase of 845 percent from the previous FY.

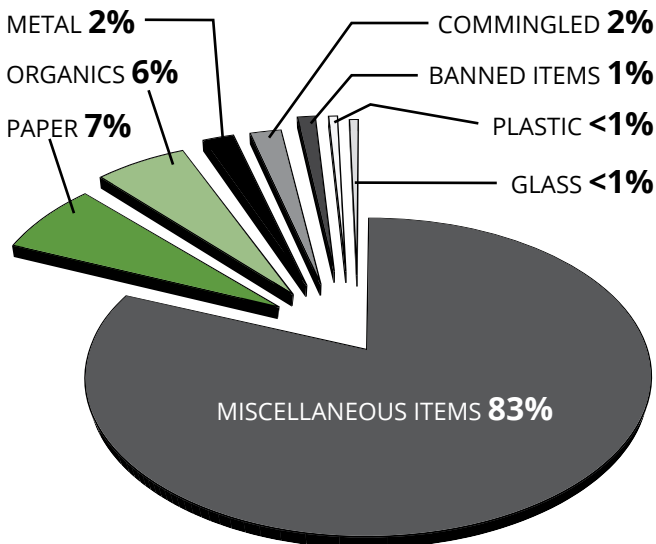
*Recycling by the state's colleges/universities increased by 212 percent in FY16.*

Compared to FY15, plastic and glass recycling almost doubled while commingled material, metal and paper all decreased. The most recycled commodities in FY16 were C&D debris, paper and organics.

Twenty-eight colleges/universities reported recycling and buying recycled data for FY16 (compared to 39 reporting in FY15) with 13 colleges/universities reporting an increase in their total recycling compared to FY15. One university reported for the first time in FY16.

For a complete list of colleges/universities that reported FY16 data, see pages 37-38.

**CHART 7.5: Percentage of MSW Recycled by Colleges/Universities**



NOTES: Percentages may not add up to 100 percent due to rounding of numbers. While C&D debris is included in the "State Agencies & Colleges/Universities Recycling & Buying Recycled Annual Report," it is not included in the state's MSW recycling rate.

**TABLE 7.4: Commodities Recycled in Tons**

COMMODITIES RECYCLED		AMOUNT
<b>Banned Items</b>	Appliances	3.02
	Electronics	277.84
	Lead-acid batteries	15.22
	Tires	14.80
	Used motor oil	16.34
<b>TOTAL BANNED ITEMS</b>		<b>327.22</b>
<b>Commingled Recyclables</b>	May include: aluminum cans; cardboard; glass; paper; and/or plastic	949.77
<b>TOTAL COMMINGLED RECYCLABLES</b>		<b>949.77</b>
<b>Glass</b> (Containers and Packaging)	Brown	0.01
	Clear	0.07
	Green	0.00
	Other/Mixed Glass	56.72
<b>TOTAL GLASS</b>		<b>56.80</b>
<b>Metal</b>	Aluminum (cans, foil)	8.88
	Ferrous metals	67.72
	Steel cans	2.69
	Other/mixed metal	588.64
<b>TOTAL METAL</b>		<b>667.93</b>
<b>Organics</b>	Food waste (composted)	993.31
	Yard trimmings (composted)	1,416.14
	Yard trimmings (mulched)	34.55
<b>TOTAL ORGANICS</b>		<b>2,444.00</b>
<b>Paper</b>	Books	38.53
	Cardboard	1,553.66
	Magazines	8.23
	Newspapers and inserts	2.54
	Office paper	751.61
	Paperboard	0.15
	Phone books	1.87
	Other/mixed paper	572.54
	<b>TOTAL PAPER</b>	
<b>Plastic</b>	HDPE	2.90
	LDPE	1.00
	PET	0.70
	Vinyl	0.00
	Other/mixed plastic	60.45
<b>TOTAL PLASTIC</b>		<b>65.05</b>
<b>Miscellaneous Items</b>	Antifreeze	4.09
	Carpet	2.57
	Carpet padding	0.83
	Clothing/textiles	0.01
	C&D debris	36,535.99
	Cooking oil	66.08
	Fluorescent bulbs	19.08
	Inkjet/toner cartridges	15.68
	Mattresses/box springs	5.84
	Paint (oil or latex)	2.34
Rechargeable batteries	1.28	
Used oil filters	401.55	
Wood*	171.39	
Other**	45.59	
<b>TOTAL MISCELLANEOUS ITEMS</b>		<b>37,272.32</b>
<b>TOTAL FOR ALL</b>		<b>44,712.22</b>

## State Agencies Reporting for FY16

- Adjutant General's Office
- Arts Commission
- Attorney General's Office
- Capitol Complex\*
- Commission for the Blind
- Commission on Higher Education
- Commission on Indigent Defense
- Commission on Prosecution Coordination
- Comptroller General's Office
- Criminal Justice Academy
- Department of Administration – Executive Budget Office
- Department of Administration – Surplus Property Office
- Department of Agriculture
- Department of Archives and History
- Department of Consumer Affairs
- Department of Corrections
- Department of Disabilities and Special Needs
- Department of Education
- Department of Employment and Workforce
- Department of Health and Environmental Control
- Department of Juvenile Justice
- Department of Labor, Licensing and Regulation
- Department of Mental Health
- Department of Motor Vehicles
- Department of Natural Resources
- Department of Parks, Recreation and Tourism
- Department of Probation, Parole and Pardon Services
- Department of Public Safety
- Department of Revenue
- Department of Transportation
- Education Lottery Commission
- Emergency Management Division
- First Steps
- Forestry Commission
- Governor's Mansion
- Higher Education Tuition Grants Commission
- Human Affairs Commission
- Law Enforcement Division (SLED)

- Legislative Services Agency
- Legislative Audit Council
- National Guard
- Office of Regulatory Staff
- Office of the State Auditor
- Patriots Point Naval and Maritime Museum
- Public Employee Benefit Authority (PEBA)
- Public Service Commission of South Carolina
- Retirement System Investment Commission (RSIC)
- SCETV
- School for the Deaf and Blind
- Sea Grant Consortium
- Secretary of State
- South Trust Building\*\*
- State Accident Fund
- State Board for Technical and Comprehensive Education
- State Ethics Commission
- State Housing Finance and Development Authority
- State Library
- State Museum Commission
- State Supreme Court
- Wil Lou Gray Opportunity School
- Worker's Compensation Commission

***The following state agencies are located within the Capitol Complex.***

- Administrative Law Court
- Board of Financial Institutions
- Commissioner of Banking
- Court of Appeals
- Department of Administration
- Department of Internal Operations
- Education Oversight Committee
- House of Representatives
- Office of Internal Operations
- Office of the Governor
- Office of the Lieutenant Governor
- Office of the State Treasurer
- Revenue and Fiscal Affairs Office
- Senate

***The following state agencies are located within the South Trust Building.***

- Department of Commerce
- Department of Insurance
- Economic Development Authority
- Office of Local Government
- Office of the Insurance Reserve Fund

- (State Fiscal Accountability Authority)
- Procurement Services (State Fiscal Accountability Authority)
- Rural Infrastructure Authority
- S.C. Conservation Bank

## State Agencies NOT Reporting for FY16

- Aeronautics Division
- Commission for Minority Affairs
- Confederate Relic Room and Museum
- Department of Alcohol and Other Drug Abuse Services
- Department of Health and Human Services
- Department of Social Services
- Election Commission
- Energy Office
- Governor's School for Science and Mathematics
- Governor's School for the Arts and Humanities
- John de la Howe School
- Judicial Department
- Lieutenant Governor's Office On Aging
- Lowcountry Council of Governments
- Lowcountry Graduate Center
- Medical Malpractice Patients' Compensation Fund
- Office of the Inspector General
- Patients' Compensation Fund
- School Improvement Council
- Solicitor's Office, 1st Judicial Circuit
- Solicitor's Office, 2nd Judicial Circuit
- Solicitor's Office, 3rd Judicial Circuit
- Solicitor's Office, 4th Judicial Circuit
- Solicitor's Office, 5th Judicial Circuit
- Solicitor's Office, 7th Judicial Circuit
- Solicitor's Office, 8th Judicial Circuit
- Solicitor's Office, 9th Judicial Circuit
- Solicitor's Office, 10th Judicial Circuit
- Solicitor's Office, 11th Judicial Circuit
- Solicitor's Office, 12th Judicial Circuit
- Solicitor's Office, 13th Judicial Circuit
- Solicitor's Office, 14th Judicial Circuit
- Solicitor's Office, 15th Judicial Circuit
- Solicitor's Office, 16th Judicial Circuit
- State Ports Authority
- Statewide Independent Living Council
- Transportation Infrastructure Bank
- Vocational Rehabilitation Department





*Student volunteers participate in a waste audit on the campus of Furman University.*

### Colleges/Universities Reporting for FY16

- Allen University
- Aiken Technical College
- Central Carolina Technical College
- Charleston Southern University
- Clemson University
- Coastal Carolina University
- College of Charleston
- Florence Darlington Technical College
- Francis Marion University
- Greenville Technical College
- Horry-Georgetown Technical College
- Midlands Technical College
- Medical University of South Carolina
- Northeastern Technical College
- Orangeburg-Calhoun Technical College
- Piedmont Technical College
- South Carolina State University
- Spartanburg Community College
- Technical College of the Lowcountry
- The Citadel, The Military College of South Carolina
- University of South Carolina (USC)
- USC Aiken
- USC Beaufort
- USC Sumter
- USC Upstate
- Williamsburg Technical College
- Winthrop University
- York Technical College

### Colleges/Universities NOT Reporting for FY16

- Columbia International University
- Denmark Technical College
- Lander University
- Tri-County Technical College
- Trident Technical College
- USC School of Medicine
- USC Lancaster
- USC Salkehatchie
- USC Union

# Recycling: The State & Counties at a Glance



The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-80 – requires counties or regions to annually report municipal solid waste (MSW) recycling data by commodity and amount to the S.C. Department of Health and Environmental Control. The commodities reported are: glass; metal; paper; plastic; organics; banned items; miscellaneous items; and commingled recyclables.

Recycling data also was collected from other sources including waste tire processors, electronics recycling vendors, used motor oil collectors, state agencies and colleges/universities as well as businesses and industries. This data was attributed to counties based on population or source. Once collected, the data is placed into one of three categories based on the source of the material: residential; commercial/institutional; and industrial (office/packaging).

Businesses and industries are not required to report their recycling activities. Unfortunately, the voluntary reporting

by these sources is inconsistent and effects the state's ability to accurately measure its recycling efforts.

South Carolina's MSW recycling rate decreased to 25.4 percent in fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016) from 26.5 percent in FY15. In South Carolina, only MSW is used to measure the state's recycling efforts. (See the definition on page 2.) Overall, the amount of MSW recycled decreased less than 1 percent from 1,101,190 tons in FY15 to 1,094,569 tons in FY16. For total MSW and residential recycling tonnages since FY12, see Table 8.3.

The state's goal is to recycle at least 40 percent of its MSW and reduce MSW disposal to 3.25 pounds (or less) per person per day (p/p/d) by 2020. In FY16, only one county – Anderson – had a recycling rate greater than 40 percent. Twenty-five counties met the waste reduction goal of 3.25 p/p/d or less. (See Table 8.1.) For a county-by-county comparison of MSW recycling and disposal data, see Table 9.11 on page 96.

**TABLE 8.1: S.C. Counties Meeting the Waste Reduction Goal of 3.25 P/P/D or Less in FY16**

COUNTY	DISPOSAL RATE	COUNTY	DISPOSAL RATE
Abbeville	2.72	Laurens	2.66
Allendale	2.33	Lee	2.55
Berkeley	2.54	Lexington	2.97
Chesterfield	2.54	Marlboro	2.41
Clarendon	2.10	McCormick	2.31
Colleton	2.77	Orangeburg	3.24
Darlington	2.83	Pickens	2.54
Dorchester	2.68	Richland	3.20
Edgefield	3.25	Saluda	2.44
Hampton	2.79	Sumter	3.07
Jasper	2.52	Union	3.06
Kershaw	2.88	Williamsburg	1.36
Lancaster	2.39		

**TABLE 8.2: S.C. Residential Recycling as a Percent of Total MSW Recycled**

FY12	FY13	FY14	FY15	FY16
37%	35%	40%	43%	44%

**TABLE 8.3: S.C. MSW Recycling Tonnages**

	TONS	+/- IN TONS FROM PREVIOUS FY	CHANGE FROM PREVIOUS FY
<b>FY12</b>			
All MSW	1,229,100	+56,332	+5%
Residential Only	460,588	+46,936	+11%
<b>FY13</b>			
All MSW	1,371,960	+142,860	+11.6%
Residential Only	478,426	+17,838	+3.8%
<b>FY14</b>			
All MSW	1,263,495	-108,465	-8%
Residential Only	502,535	+24,109	+5%
<b>FY15</b>			
All MSW	1,101,190	-162,305	-13%
Residential Only	469,318	-33,217	-6.6%
<b>FY16</b>			
All MSW	1,094,569	-6,621	-0.6%
Residential Only	485,343	+15,911	+3.3%

# SOUTH CAROLINA

**TABLE 8.4: South Carolina MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
4,896,146	579	85	25.41	1.2	1,094,569.15	3.60	3,213,592

**TABLE 8.5: South Carolina MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	722.74	22.79	3.38	748.91
Containers & Packaging - Clear	904.02	5.78	1.99	911.79
Containers & Packaging - Green	709.72	2.25	0.99	712.96
Containers & Packaging - Mixed	2,781.61	1,340.15	175.41	4,297.17
<b>TOTAL GLASS</b>	<b>5,118.09</b>	<b>1,370.96</b>	<b>181.77</b>	<b>6,670.82</b>
<b>METAL</b>				
Aluminum Cans	478.45	1,308.19	679.62	2,466.26
Ferrous, Magnetic	662.71	80,795.79	41,907.44	123,365.94
Non-ferrous, Non-magnetic	73.78	1,007.95	13,109.56	14,191.29
Steel Cans	573.38	252.66	1,175.23	2,001.27
Mixed Scrap Metal	39,094.98	25,719.34	4,503.04	69,317.36
<b>TOTAL METAL</b>	<b>40,883.30</b>	<b>109,083.93</b>	<b>61,374.90</b>	<b>211,342.13</b>
<b>PAPER</b>				
Cardboard	26,691.70	171,443.11	24,412.00	222,546.81
Magazines	11.10	50.27	8.59	69.96
Newspaper & Inserts	8,185.09	1,482.29	151.95	9,819.33
Office Paper	825.52	10,487.47	2,447.09	13,760.08
Paperboard	36.92	30.03	41.59	108.55
Phone Books	0.00	1,022.69	1.57	1,024.26
Mixed Paper	11,658.58	21,057.68	13,322.06	46,038.32
<b>TOTAL PAPER</b>	<b>47,408.91</b>	<b>205,573.54</b>	<b>40,384.85</b>	<b>293,367.30</b>
<b>PLASTIC</b>				
HDPE	657.62	604.54	247.40	1,509.55
LDPE	0.00	1,820.20	738.60	2,558.80
PET	888.72	135.36	157.07	1,181.15
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	163.99	1.08	165.07
Commingled PET & HDPE	717.74	26.43	1.98	746.15
Mixed Plastic	953.84	4,035.57	7,874.04	12,863.45
<b>TOTAL PLASTIC</b>	<b>3,217.92</b>	<b>6,786.08</b>	<b>9,020.16</b>	<b>19,024.16</b>
<b>ORGANICS</b>				
Food Waste	4,910.34	2,324.24	2,922.79	10,157.37
Yard Trimmings (for use as boiler fuel)	6,016.50	0.00	0.00	6,016.50
Yard Trimmings (recycled into compost)	113,001.63	3,311.39	0.00	116,313.02
Yard Trimmings (recycled into mulch)	71,551.59	19,339.47	8,304.00	99,195.06
<b>TOTAL ORGANICS</b>	<b>195,480.06</b>	<b>24,975.10</b>	<b>11,226.79</b>	<b>231,681.95</b>
<b>BANNED ITEMS</b>				
Appliances	10,444.29	8,754.57	96.22	19,295.08
Electronics	9,592.30	2,221.50	1,895.26	13,709.07
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	5,146.09	7,840.85	286.30	13,273.24
Tires (automobiles, trucks, motorcycles)	49,990.14	8,489.77	2,537.89	61,017.79
Used Motor Oil (automobiles, trucks, motorcycles)	3,098.79	0.00	0.00	3,098.79
<b>TOTAL BANNED ITEMS</b>	<b>78,271.61</b>	<b>27,306.69</b>	<b>4,815.67</b>	<b>110,393.97</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	106.91	2,011.95	931.81	3,050.67
Carpet	856.06	434.95	0.00	1,291.01
Carpet Padding	237.06	278.15	0.00	515.21
Cooking Oil/Grease	407.21	3,510.11	10.73	3,928.04
Fluorescent Bulbs	37.28	83.31	48.49	169.07
Household Hazardous Materials	78.16	0.00	0.00	78.16
Inkjet/Toner Cartridges	6.67	43.51	74.81	125.00
Mattresses & Box Springs	391.30	6.59	0.00	397.89
Paint	641.81	6.58	17.57	665.96
Rechargeable Batteries	22.04	95.84	10.11	127.99
Textiles (recycled - not donated for reuse)	2,170.43	1,785.47	6,258.65	10,214.55
Used Oil Filters	154.74	634.01	1,863.16	2,651.91
Wood Packaging (pallets, crates, barrels)	93.74	14,578.93	19,372.26	34,044.93
Items Not Listed Above	93.27	602.90	1,809.06	2,505.23
<b>TOTAL MISCELLANEOUS</b>	<b>5,296.68</b>	<b>24,072.30</b>	<b>30,396.65</b>	<b>59,765.63</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>109,553.19</b>	<b>47,174.48</b>	<b>5,595.30</b>	<b>162,322.97</b>
<b>TOTAL FOR ALL</b>	<b>485,229.77</b>	<b>446,343.09</b>	<b>162,996.09</b>	<b>1,094,568.95</b>

# ABBEVILLE COUNTY

**TABLE 8.6: Abbeville County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
24,932	10	1	18.16	0.60	2,745.06	2.72	12,374

**TABLE 8.7: Abbeville County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	4.85	1.01	0.00	5.86
Ferrous, Magnetic	0.00	5.15	0.00	5.15
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	316.42	28.75	29.13	374.3
<b>TOTAL METAL</b>	<b>321.27</b>	<b>35.06</b>	<b>29.13</b>	<b>385.46</b>
<b>PAPER</b>				
Cardboard	160.06	625.01	128.15	913.22
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	3.21	1.39	0.20	4.80
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	87.71	17.08	40.93	146.02
<b>TOTAL PAPER</b>	<b>250.98</b>	<b>643.52</b>	<b>169.28</b>	<b>1,063.72</b>
<b>PLASTIC</b>				
HDPE	18.94	19.98	0.00	38.92
LDPE	0.00	0.00	18.31	18.31
PET	0.00	0.04	0.00	0.04
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.44	165.63	166.07
<b>TOTAL PLASTIC</b>	<b>18.94</b>	<b>20.46</b>	<b>183.94</b>	<b>223.34</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	1.55	0.00	1.55
Electronics	68.37	0.22	0.88	69.47
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	21.74	60.12	0.03	81.89
Tires (automobiles, trucks, motorcycles)	427.76	1.4	0.00	429.16
Used Motor Oil (automobiles, trucks, motorcycles)	27.21	0.00	0.00	27.21
<b>TOTAL BANNED ITEMS</b>	<b>545.08</b>	<b>63.29</b>	<b>0.91</b>	<b>609.28</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.49	0.00	0.49
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	8.43	0.00	8.43
Fluorescent Bulbs	0.00	0.45	1.11	1.56
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.16	0.22	0.06	0.44
Textiles (recycled - not donated for reuse)	0.00	0.01	330.79	330.8
Used Oil Filters	1.08	0.71	0.00	1.79
Wood Packaging (pallets, crates, barrels)	0.00	0.21	57.38	57.59
Items Not Listed Above	0.00	0.93	59.51	60.44
<b>TOTAL MISCELLANEOUS</b>	<b>1.24</b>	<b>11.57</b>	<b>448.85</b>	<b>461.66</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>1.28</b>	<b>0.00</b>	<b>1.28</b>
<b>TOTAL FOR ALL</b>	<b>1,137.51</b>	<b>775.38</b>	<b>832.11</b>	<b>2,745.00</b>

# AIKEN COUNTY

**TABLE 8.8: Aiken County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
165,829	10	3	7.49	0.26	7,979.64	3.26	98,620

**TABLE 8.9: Aiken County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.25	0.00	0.25
Ferrous, Magnetic	0.00	0.11	0.00	0.11
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	0.00	58.27	6.93	65.2
<b>TOTAL METAL</b>	<b>0.00</b>	<b>58.78</b>	<b>6.93</b>	<b>65.71</b>
<b>PAPER</b>				
Cardboard	0.00	2,480.39	20.86	2,501.25
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	0.00	4.07	0.00	4.07
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	6.42	0.00	6.42
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>2,490.92</b>	<b>20.86</b>	<b>2,511.78</b>
<b>PLASTIC</b>				
HDPE	0.00	0.36	0.00	0.36
LDPE	0.00	43.36	0.00	43.36
PET	0.00	0.18	0.00	0.18
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	6.1	45.72	51.82
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>50.00</b>	<b>45.72</b>	<b>95.72</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	0.00	0.19	1.75	1.94
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	138.64	187.26	0.37	326.28
Tires (automobiles, trucks, motorcycles)	1072.2	100.17	0.00	1172.37
Used Motor Oil (automobiles, trucks, motorcycles)	129.45	0.00	0.00	129.45
<b>TOTAL BANNED ITEMS</b>	<b>1340.29</b>	<b>287.74</b>	<b>2.12</b>	<b>1630.16</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	1.19	0.00	1.19
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	9.39	0.00	9.39
Fluorescent Bulbs	0.00	0.15	0.46	0.61
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.21	0.00	0.21
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.93	0.21	1.14
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.17	0.00	0.17
Wood Packaging (pallets, crates, barrels)	0.00	286.07	74.7	360.77
Items Not Listed Above	0.00	0.11	153.67	153.78
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>298.24</b>	<b>229.05</b>	<b>527.28</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,077.12</b>	<b>1,071.61</b>	<b>0.00</b>	<b>3,148.73</b>
<b>TOTAL FOR ALL</b>	<b>3,417.41</b>	<b>4,257.54</b>	<b>304.71</b>	<b>7,979.64</b>



# ALLENDALE COUNTY

**TABLE 8.10: Allendale County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
9,433	5	0	4.45	0.11	187.19	2.33	4,020

**TABLE 8.11: Allendale MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.01	0.00	0.01
Ferrous, Magnetic	0.00	3.95	0.00	3.95
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	7.79	0.69	0.00	8.48
<b>TOTAL METAL</b>	<b>7.79</b>	<b>4.81</b>	<b>0.00</b>	<b>12.6</b>
<b>PAPER</b>				
Cardboard	0.00	45.28	0.00	45.28
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	7.71	0.00	7.71
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.01	0.00	0.01
Mixed Paper	0.00	0.06	0.00	0.06
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>53.06</b>	<b>0.00</b>	<b>53.06</b>
<b>PLASTIC</b>				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.00	0.09	0.00	1.09
<b>TOTAL PLASTIC</b>	<b>1.00</b>	<b>0.10</b>	<b>0.00</b>	<b>1.10</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.63	0.00	0.63
Electronics	29.72	0.22	0.00	29.94
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	8.16	8.38	0.00	16.54
Tires (automobiles, trucks, motorcycles)	63.00	0.39	0.00	63.39
Used Motor Oil (automobiles, trucks, motorcycles)	5.40	0.00	0.00	5.40
<b>TOTAL BANNED ITEMS</b>	<b>106.28</b>	<b>9.62</b>	<b>0.00</b>	<b>115.90</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.15	0.00	0.15
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.03	0.00	0.03
Fluorescent Bulbs	0.00	0.03	0.00	0.03
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.13	0.00	0.13
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.01	0.07	0.00	1.08
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>1.01</b>	<b>0.59</b>	<b>0.00</b>	<b>1.60</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>2.91</b>	<b>0.00</b>	<b>2.91</b>
<b>TOTAL FOR ALL</b>	<b>116.08</b>	<b>71.11</b>	<b>0.00</b>	<b>187.19</b>

# ANDERSON COUNTY

**TABLE 8.12: Anderson County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
194,692	17	2	42.09	2.45	86,887.91	3.36	119,530

**TABLE 8.13: Anderson MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	148.85	0.09	0.00	148.94
Containers & Packaging - Clear	133.27	0.38	0.00	133.65
Containers & Packaging - Green	168.75	0.04	0.00	168.79
Containers & Packaging - Mixed	0.00	0.04	31.45	31.49
<b>TOTAL GLASS</b>	<b>450.87</b>	<b>0.55</b>	<b>31.45</b>	<b>482.87</b>
<b>METAL</b>				
Aluminum Cans	31.93	123.22	3.22	158.37
Ferrous, Magnetic	0.00	19,760.32	7,605.41	27,365.73
Non-ferrous, Non-magnetic	0.00	70.00	7,688.47	7,758.47
Steel Cans	0.00	4.20	0.00	4.20
Mixed Scrap Metal	1,377.48	684.02	128.36	2,189.86
<b>TOTAL METAL</b>	<b>1,409.41</b>	<b>20,641.76</b>	<b>15,425.46</b>	<b>37,476.63</b>
<b>PAPER</b>				
Cardboard	1,190.61	6,199.87	1,441.95	8,832.43
Magazines	0.00	1.62	0.01	1.63
Newspaper & Inserts	0.00	0.60	0.00	0.60
Office Paper	0.00	23.56	65.93	89.49
Paperboard	0.00	8.00	0.00	8.00
Phone Books	0.00	0.08	0.01	0.09
Mixed Paper	1318.89	1,275.78	122	2,716.64
<b>TOTAL PAPER</b>	<b>2,509.50</b>	<b>7,509.51</b>	<b>1,629.90</b>	<b>11,648.91</b>
<b>PLASTIC</b>				
HDPE	0.00	72.8	43.32	116.12
LDPE	0.00	54.55	88.45	143.00
PET	0.00	17.41	4.09	21.50
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	34.36	2,649.91	2,684.28
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>179.12</b>	<b>2,785.77</b>	<b>2,964.90</b>
<b>ORGANICS</b>				
Food Waste	0.00	30.01	0.00	30.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>30.02</b>	<b>0.00</b>	<b>30.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	2,215.66	0.00	2,215.66
Electronics	359.61	369.60	3.00	732.21
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	163.10	723.92	4.00	891.02
Tires (automobiles, trucks, motorcycles)	1,893.63	183.15	0.00	2,076.78
Used Motor Oil (automobiles, trucks, motorcycles)	95.59	0.00	0.00	95.59
<b>TOTAL BANNED ITEMS</b>	<b>2,511.93</b>	<b>3,492.33</b>	<b>7.00</b>	<b>6,011.26</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.50	0.00	0.50
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	91.15	11.65	0.00	102.80
Fluorescent Bulbs	0.00	0.10	3.89	3.99
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	3.48	0.20	3.68
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	1.25	1.25
Rechargeable Batteries	0.00	0.38	0.00	0.38
Textiles (recycled - not donated for reuse)	0.00	0.01	388.74	388.75
Used Oil Filters	0.00	1.38	1.50	2.88
Wood Packaging (pallets, crates, barrels)	0.00	348.41	2,351.16	2,699.57
Items Not Listed Above	0.00	0.91	680.17	681.08
<b>TOTAL MISCELLANEOUS</b>	<b>91.15</b>	<b>366.83</b>	<b>3,426.91</b>	<b>3,884.89</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,058.15</b>	<b>23,330.28</b>	<b>0.00</b>	<b>24,388.43</b>
<b>TOTAL FOR ALL</b>	<b>8,031.01</b>	<b>55,550.40</b>	<b>23,306.49</b>	<b>86,887.90</b>

# BAMBERG COUNTY

**TABLE 8.14: Bamberg County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
14,880	8	0	4.79	0.18	482.94	3.53	9,597

**TABLE 8.15: Bamberg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.03	0.00	0.03
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.23</b>	<b>0.00</b>	<b>0.23</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.17	0.00	0.17
Ferrous, Magnetic	0.00	0.11	0.00	0.11
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	10.11	0.69	0.00	10.8
<b>TOTAL METAL</b>	<b>10.11</b>	<b>1.12</b>	<b>0.00</b>	<b>11.23</b>
<b>PAPER</b>				
Cardboard	92.07	43.16	0.00	135.23
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	0.00	0.78	0.00	0.78
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.06	0.00	0.06
<b>TOTAL PAPER</b>	<b>92.07</b>	<b>44.04</b>	<b>0.00</b>	<b>136.11</b>
<b>PLASTIC</b>				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.04	0.00	0.04
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.9	0.42	0.00	2.32
<b>TOTAL PLASTIC</b>	<b>1.90</b>	<b>0.50</b>	<b>0.00</b>	<b>2.40</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	0.00	0.18	0.00	0.18
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	12.24	12.26	0.00	24.50
Tires (automobiles, trucks, motorcycles)	282.08	0.00	0.00	282.08
Used Motor Oil (automobiles, trucks, motorcycles)	21.26	0.00	0.00	21.26
<b>TOTAL BANNED ITEMS</b>	<b>315.58</b>	<b>12.57</b>	<b>0.00</b>	<b>328.15</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.01	0.00	0.01
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.01	0.00	0.01
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.01	0.00	0.01
Items Not Listed Above	0.00	0.06	0.00	0.06
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>0.13</b>	<b>0.00</b>	<b>0.13</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>4.68</b>	<b>0.00</b>	<b>4.68</b>
<b>TOTAL FOR ALL</b>	<b>419.66</b>	<b>63.28</b>	<b>0.00</b>	<b>482.94</b>

# BARNWELL COUNTY

**TABLE 8.16: Barnwell County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
21,725	9	0	6.94	0.27	1,056.79	3.58	14,178

**TABLE 8.17: Barnwell County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	2.73	0.01	0.00	2.74
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	101.79	0.76	0.00	102.55
<b>TOTAL METAL</b>	<b>104.52</b>	<b>0.92</b>	<b>0.00</b>	<b>105.44</b>
<b>PAPER</b>				
Cardboard	183.91	298.96	4.45	487.32
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	1.34	0.00	1.34
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	35.47	0.27	0.00	35.72
<b>TOTAL PAPER</b>	<b>219.38</b>	<b>300.57</b>	<b>4.45</b>	<b>524.40</b>
<b>PLASTIC</b>				
HDPE	0.00	0.07	0.00	0.07
LDPE	0.00	4.85	0.00	4.85
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	20.73	0.00	0.00	20.73
Mixed Plastic	0.00	0.05	0.00	0.05
<b>TOTAL PLASTIC</b>	<b>20.73</b>	<b>4.98</b>	<b>0.00</b>	<b>25.71</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	42.93	0.22	0.00	43.15
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	36.7	32.94	1.32	70.96
Tires (automobiles, trucks, motorcycles)	250.62	0.09	0.00	250.71
Used Motor Oil (automobiles, trucks, motorcycles)	31.4	0.00	0.00	31.4
<b>TOTAL BANNED ITEMS</b>	<b>361.65</b>	<b>33.34</b>	<b>1.32</b>	<b>396.31</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.15	0.00	0.15
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	2.66	0.00	2.66
Fluorescent Bulbs	0.00	0.03	0.01	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.07	0.00	0.07
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.1	1.43	1.53
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>3.20</b>	<b>1.43</b>	<b>4.63</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.27</b>	<b>0.00</b>	<b>0.27</b>
<b>TOTAL FOR ALL</b>	<b>706.28</b>	<b>343.30</b>	<b>7.20</b>	<b>1,056.78</b>

# BEAUFORT COUNTY

**TABLE 8.18: Beaufort County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
179,589	12	3	18.88	0.97	31,885.94	4.18	137,013

**TABLE 8.19: Beaufort County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.34	0.00	0.34
Containers & Packaging - Clear	0.00	0.32	0.00	0.32
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	844.75	57.67	0.00	902.42
<b>TOTAL GLASS</b>	<b>844.75</b>	<b>58.37</b>	<b>0.00</b>	<b>903.12</b>
<b>METAL</b>				
Aluminum Cans	0.00	43.76	0.00	43.76
Ferrous, Magnetic	0.00	2,805.58	35.00	2,840.58
Non-ferrous, Non-magnetic	0.00	170.00	0.00	170.00
Steel Cans	0.00	0.21	0.00	0.21
Mixed Scrap Metal	101.61	394.14	236.00	731.75
<b>TOTAL METAL</b>	<b>101.61</b>	<b>3,413.69</b>	<b>271.00</b>	<b>3,786.30</b>
<b>PAPER</b>				
Cardboard	835.59	3,109.13	0.00	3,944.72
Magazines	0.00	0.17	0.00	0.17
Newspaper & Inserts	647.30	0.14	0.00	647.44
Office Paper	90.23	1,463.98	0.00	1,554.21
Paperboard	36.86	0.10	0.00	36.96
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	1,600.29	87.88	0.00	1,688.17
<b>TOTAL PAPER</b>	<b>3,210.27</b>	<b>4,661.48</b>	<b>0.00</b>	<b>7,871.75</b>
<b>PLASTIC</b>				
HDPE	0.00	0.73	0.00	0.73
LDPE	0.00	14.99	0.00	14.99
PET	0.00	0.41	0.00	0.41
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	439.34	0.00	0.00	439.34
Mixed Plastic	0.00	2,021.27	0.00	2,021.27
<b>TOTAL PLASTIC</b>	<b>439.34</b>	<b>2,037.40</b>	<b>0.00</b>	<b>2,476.74</b>
<b>ORGANICS</b>				
Food Waste	0.00	42.60	0.00	42.60
Yard Trimmings (for use as boiler fuel)	5,281.50	0.00	0.00	5,281.50
Yard Trimmings (recycled into compost)	0.00	1,799.00	0.00	1,799.00
Yard Trimmings (recycled into mulch)	0.00	0.13	0.00	0.13
<b>TOTAL ORGANICS</b>	<b>5,281.50</b>	<b>1,841.73</b>	<b>0.00</b>	<b>7,123.23</b>
<b>BANNED ITEMS</b>				
Appliances	1,492.59	0.66	0.00	1,493.25
Electronics	229.49	12.28	0.00	241.77
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	165.49	173.84	0.00	339.33
Tires (automobiles, trucks, motorcycles)	1,724.27	386.57	0.00	2,110.84
Used Motor Oil (automobiles, trucks, motorcycles)	106.52	0.00	0.00	106.52
<b>TOTAL BANNED ITEMS</b>	<b>3,718.36</b>	<b>573.35</b>	<b>0.00</b>	<b>4,291.71</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	1.54	6.52	0.00	8.06
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	3.77	42.42	0.00	46.19
Fluorescent Bulbs	0.18	2.46	0.00	2.64
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	2.04	0.00	2.04
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	327.22	0.00	0.00	327.22
Rechargeable Batteries	1.20	3.89	0.00	5.09
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	5.91	7.45	0.00	13.36
Wood Packaging (pallets, crates, barrels)	0.00	389.26	0.00	389.26
Items Not Listed Above	26.00	212.20	0.00	238.20
<b>TOTAL MISCELLANEOUS</b>	<b>365.82</b>	<b>666.26</b>	<b>0.00</b>	<b>1,032.08</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>3,899.20</b>	<b>501.81</b>	<b>0.00</b>	<b>4,401.01</b>
<b>TOTAL FOR ALL</b>	<b>17,860.85</b>	<b>13,754.08</b>	<b>271.00</b>	<b>31,855.93</b>



# BERKELEY COUNTY

**TABLE 8.20: Berkeley County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
202,786	22	6	13.20	0.39	14,313.42	2.54	94,125

**TABLE 8.21: Berkeley County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.39	0.39
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.39</b>	<b>0.40</b>
<b>METAL</b>				
Aluminum Cans	0.00	41.34	70.04	111.38
Ferrous, Magnetic	0.00	11.51	205.80	217.31
Non-ferrous, Non-magnetic	0.00	0.00	610.50	610.50
Steel Cans	0.00	35.75	15.00	50.75
Mixed Scrap Metal	957.89	80.17	83.33	1,121.39
<b>TOTAL METAL</b>	<b>957.89</b>	<b>168.77</b>	<b>984.67</b>	<b>2,111.33</b>
<b>PAPER</b>				
Cardboard	417.19	3,005.81	569.89	3,992.89
Magazines	0.00	0.23	4.28	4.51
Newspaper & Inserts	0.00	0.15	0.20	0.35
Office Paper	0.00	7.29	31.81	39.10
Paperboard	0.00	0.00	0.08	0.08
Phone Books	0.00	0.10	0.00	0.10
Mixed Paper	0.00	18.54	1.00	19.54
<b>TOTAL PAPER</b>	<b>417.19</b>	<b>3,032.09</b>	<b>607.26</b>	<b>4,056.54</b>
<b>PLASTIC</b>				
HDPE	0.00	1.15	83.39	84.54
LDPE	0.00	105.18	0.00	105.18
PET	0.00	0.75	0.08	0.83
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	1.00	1.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	11.42	23.30	34.72
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>118.50</b>	<b>107.77</b>	<b>226.27</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	5.16	5.17
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	15.74	10.70	0.00	26.44
Yard Trimmings (recycled into mulch)	44.17	0.12	0.00	44.29
<b>TOTAL ORGANICS</b>	<b>59.91</b>	<b>10.83</b>	<b>5.16</b>	<b>75.90</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	162.89	8.00	170.89
Electronics	386.45	0.80	15.04	402.29
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	177.62	218.91	2.33	398.86
Tires (automobiles, trucks, motorcycles)	1,756.87	201.47	1.00	1,959.34
Used Motor Oil (automobiles, trucks, motorcycles)	111.95	0.00	0.00	111.95
<b>TOTAL BANNED ITEMS</b>	<b>2,432.89</b>	<b>584.07</b>	<b>26.37</b>	<b>3,043.33</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	3.28	4.61	9.21	17.10
Carpet	0.00	7.50	0.00	7.50
Carpet Padding	47.15	70.36	0.00	117.51
Cooking Oil/Grease	0.00	18.02	0.00	18.02
Fluorescent Bulbs	0.00	0.20	2.65	2.84
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.54	1.41	1.11	3.06
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.05	0.05
Rechargeable Batteries	0.34	2.14	0.00	2.48
Textiles (recycled - not donated for reuse)	0.00	8.06	3.00	11.06
Used Oil Filters	5.52	37.23	4.80	47.55
Wood Packaging (pallets, crates, barrels)	0.00	769.90	429.33	1,199.23
Items Not Listed Above	0.00	107.06	30.92	137.98
<b>TOTAL MISCELLANEOUS</b>	<b>56.83</b>	<b>1,026.48</b>	<b>481.07</b>	<b>1,564.37</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,689.46</b>	<b>470.02</b>	<b>75.76</b>	<b>3,235.24</b>
<b>TOTAL FOR ALL</b>	<b>6,614.17</b>	<b>5,410.75</b>	<b>2,288.45</b>	<b>14,313.37</b>

# CALHOUN COUNTY

**TABLE 8.22: Calhoun County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
14,781	10	0	17.36	0.77	2,076.99	3.66	9,886

**TABLE 8.23: Calhoun County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>METAL</b>				
Aluminum Cans	1.00	0.00	0.30	1.30
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	134.38	3.01	44.00	181.39
<b>TOTAL METAL</b>	<b>135.38</b>	<b>3.16</b>	<b>44.30</b>	<b>182.84</b>
<b>PAPER</b>				
Cardboard	63.06	45.13	157.38	265.57
Magazines	0.00	1.00	0.00	1.00
Newspaper & Inserts	0.00	1.00	0.00	1.00
Office Paper	0.00	0.69	8.52	9.21
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	1.03	0.00	1.03
<b>TOTAL PAPER</b>	<b>63.06</b>	<b>48.85</b>	<b>165.9</b>	<b>277.81</b>
<b>PLASTIC</b>				
HDPE	1.07	0.01	22.00	23.08
LDPE	0.00	0.00	23.00	23.00
PET	0.00	0.00	10.00	10.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1.03	1,153.00	1,154.03
<b>TOTAL PLASTIC</b>	<b>1.07</b>	<b>1.04</b>	<b>1,208.00</b>	<b>1,210.11</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	20.96	0.18	4.78	25.92
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	12.91	11.59	0.10	24.60
Tires (automobiles, trucks, motorcycles)	160.90	0.00	1.90	162.80
Used Motor Oil (automobiles, trucks, motorcycles)	85.77	0.00	0.00	85.77
<b>TOTAL BANNED ITEMS</b>	<b>280.54</b>	<b>11.86</b>	<b>6.78</b>	<b>299.18</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.01	2.44	2.45
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.05	0.07
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.01	0.10	0.11
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	5.00	26.10	31.10
Items Not Listed Above	0.00	0.04	0.00	0.04
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>5.09</b>	<b>28.69</b>	<b>33.78</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>67.13</b>	<b>67.13</b>
<b>TOTAL FOR ALL</b>	<b>480.05</b>	<b>70.01</b>	<b>1,520.80</b>	<b>2,070.86</b>

# CHARLESTON COUNTY

**TABLE 8.24: Charleston County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
389,262	38	2	30.63	1.95	138,344.96	4.41	313,382

**TABLE 8.25: Charleston County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	11.84	11.88
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>11.84</b>	<b>12.08</b>
<b>METAL</b>				
Aluminum Cans	0.00	4.05	35.52	39.57
Ferrous, Magnetic	0.00	1.57	32.03	33.60
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	396.00	287.06	594.40	1,277.46
<b>TOTAL METAL</b>	<b>396.00</b>	<b>292.83</b>	<b>661.94</b>	<b>1,350.77</b>
<b>PAPER</b>				
Cardboard	0.00	10,181.38	1,427.06	11,608.44
Magazines	0.00	2.17	0.00	2.17
Newspaper & Inserts	0.00	0.14	0.00	0.14
Office Paper	0.00	494.42	372.97	867.39
Paperboard	0.00	0.00	11.84	11.84
Phone Books	0.00	1.08	0.00	1.08
Mixed Paper	0.00	109.03	24.00	133.03
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>10,788.22</b>	<b>1,835.87</b>	<b>12,624.09</b>
<b>PLASTIC</b>				
HDPE	0.00	2.45	2.86	5.31
LDPE	0.00	173.24	5.00	178.24
PET	0.00	1.53	0.00	1.53
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	111.29	332.81	444.10
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>288.51</b>	<b>340.67</b>	<b>629.18</b>
<b>ORGANICS</b>				
Food Waste	4,413.00	586.96	200.68	5,200.64
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	66,486.00	87.57	0.00	66,573.57
Yard Trimmings (recycled into mulch)	0.00	1.38	0.00	1.38
<b>TOTAL ORGANICS</b>	<b>70,899.00</b>	<b>675.91</b>	<b>200.68</b>	<b>71,775.59</b>
<b>BANNED ITEMS</b>				
Appliances	1,000.00	184.12	0.00	1,184.12
Electronics	441.20	90.43	0.00	531.63
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	334.95	450.65	8.77	794.37
Tires (automobiles, trucks, motorcycles)	4,544.98	246.02	0.00	4,791.00
Used Motor Oil (automobiles, trucks, motorcycles)	173.32	0.00	0.00	173.32
<b>TOTAL BANNED ITEMS</b>	<b>6,494.45</b>	<b>971.22</b>	<b>8.77</b>	<b>7,474.44</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	4.10	30.10	0.00	34.20
Carpet	0.00	0.75	0.00	0.75
Carpet Padding	0.00	0.02	0.00	0.02
Cooking Oil/Grease	0.00	64.86	0.00	64.86
Fluorescent Bulbs	7.40	5.87	1.81	15.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	1.62	0.10	1.72
Mattresses & Box Springs	0.00	5.79	0.00	5.79
Paint	79.30	0.00	0.00	79.30
Rechargeable Batteries	1.20	2.55	0.01	3.77
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	6.60	6.15	20.45	33.20
Wood Packaging (pallets, crates, barrels)	0.00	885.16	1,950.99	2,836.15
Items Not Listed Above	0.00	38.12	6.00	44.12
<b>TOTAL MISCELLANEOUS</b>	<b>98.60</b>	<b>1,041.00</b>	<b>1,979.37</b>	<b>3,118.97</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>40,228.00</b>	<b>1,101.83</b>	<b>30.00</b>	<b>41,359.83</b>
<b>TOTAL FOR ALL</b>	<b>118,116.05</b>	<b>15,159.75</b>	<b>5,069.15</b>	<b>138,344.95</b>

# CHEROKEE COUNTY

**TABLE 8.26: Cherokee County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
56,194	18	0	15.06	0.68	7,018.37	3.86	39,597

**TABLE 8.27: Cherokee County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	18.80	0.00	0.00	18.80
Containers & Packaging - Clear	25.20	0.00	0.00	25.20
Containers & Packaging - Green	9.80	0.00	0.00	9.80
Containers & Packaging - Mixed	0.00	0.31	0.00	0.31
<b>TOTAL GLASS</b>	<b>53.80</b>	<b>0.31</b>	<b>0.00</b>	<b>54.11</b>
<b>METAL</b>				
Aluminum Cans	5.05	3.13	2.64	10.82
Ferrous, Magnetic	0.00	5.95	14.81	20.76
Non-ferrous, Non-magnetic	0.00	0.00	0.02	0.02
Steel Cans	16.80	16.97	0.03	33.80
Mixed Scrap Metal	216.07	27.62	6.14	249.83
<b>TOTAL METAL</b>	<b>237.92</b>	<b>53.67</b>	<b>23.62</b>	<b>315.21</b>
<b>PAPER</b>				
Cardboard	120.00	2,845.90	140.10	3,106.00
Magazines	0.00	0.32	0.00	0.32
Newspaper & Inserts	0.00	0.40	0.00	0.40
Office Paper	0.00	10.86	165.30	176.16
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	173.00	213.53	172.75	559.28
<b>TOTAL PAPER</b>	<b>293.00</b>	<b>3,071.08</b>	<b>478.15</b>	<b>3,842.23</b>
<b>PLASTIC</b>				
HDPE	0.00	0.62	0.00	0.62
LDPE	0.00	17.03	0.00	17.03
PET	0.00	0.81	0.00	0.81
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	25.20	0.00	0.00	25.20
Mixed Plastic	0.00	0.87	27.40	28.27
<b>TOTAL PLASTIC</b>	<b>25.20</b>	<b>19.33</b>	<b>27.40</b>	<b>71.93</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.02	0.00	0.02
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,112.43	10.83	0.00	1,123.26
<b>TOTAL ORGANICS</b>	<b>1,112.43</b>	<b>10.85</b>	<b>0.00</b>	<b>1,123.28</b>
<b>BANNED ITEMS</b>				
Appliances	48.40	0.66	0.00	49.06
Electronics	27.40	20.31	17.06	64.77
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	45.72	61.12	0.00	106.85
Tires (automobiles, trucks, motorcycles)	1,043.18	26.45	0.00	1,069.63
Used Motor Oil (automobiles, trucks, motorcycles)	22.45	0.00	0.00	22.45
<b>TOTAL BANNED ITEMS</b>	<b>1,187.15</b>	<b>108.54</b>	<b>17.06</b>	<b>1,312.76</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.33	0.00	0.33
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	2.66	0.00	2.66
Fluorescent Bulbs	0.00	0.35	0.02	0.37
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.27	0.01	0.28
Mattresses & Box Springs	0.00	0.02	0.00	0.02
Paint	0.00	0.01	0.00	0.01
Rechargeable Batteries	0.00	0.10	0.00	0.10
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	2.66	0.44	0.09	3.19
Wood Packaging (pallets, crates, barrels)	2.20	218.50	9.35	230.05
Items Not Listed Above	0.00	0.17	0.28	0.45
<b>TOTAL MISCELLANEOUS</b>	<b>4.86</b>	<b>222.86</b>	<b>9.74</b>	<b>237.46</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>61.36</b>	<b>0.00</b>	<b>61.36</b>
<b>TOTAL FOR ALL</b>	<b>2,914.36</b>	<b>3,548.00</b>	<b>555.96</b>	<b>7,018.32</b>

# CHESTER COUNTY

**TABLE 8.28: Chester County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
32,267	12	1	8.49	0.30	1,786.07	3.27	19,261

**TABLE 8.29: Chester County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	38.33	0.04	0.00	38.37
<b>TOTAL GLASS</b>	<b>38.33</b>	<b>0.24</b>	<b>0.00</b>	<b>38.57</b>
<b>METAL</b>				
Aluminum Cans	6.75	3.26	0.02	10.03
Ferrous, Magnetic	0.00	2.11	12.36	14.47
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.86	0.15	0.00	1.01
Mixed Scrap Metal	85.73	17.86	0.00	103.59
<b>TOTAL METAL</b>	<b>93.34</b>	<b>23.38</b>	<b>12.38</b>	<b>129.10</b>
<b>PAPER</b>				
Cardboard	459.33	390.29	0.00	849.62
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	0.00	2.79	0.00	2.79
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.01	0.00	0.01
Mixed Paper	93.15	0.14	0.44	93.73
<b>TOTAL PAPER</b>	<b>552.48</b>	<b>393.27</b>	<b>0.44</b>	<b>946.19</b>
<b>PLASTIC</b>				
HDPE	0.00	0.15	3.41	3.56
LDPE	0.00	7.51	0.00	7.51
PET	0.00	0.10	0.00	0.10
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	30.23	0.54	18.56	49.33
<b>TOTAL PLASTIC</b>	<b>30.23</b>	<b>8.30</b>	<b>21.97</b>	<b>60.50</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	54.80	1.50	0.38	56.68
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	29.55	34.22	0.02	63.79
Tires (automobiles, trucks, motorcycles)	353.20	1.52	0.00	354.72
Used Motor Oil (automobiles, trucks, motorcycles)	40.40	0.00	0.00	40.40
<b>TOTAL BANNED ITEMS</b>	<b>477.95</b>	<b>37.36</b>	<b>0.40</b>	<b>515.71</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.72	0.00	0.72
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	13.80	0.03	0.00	13.83
Fluorescent Bulbs	0.00	0.18	0.01	0.19
Household Hazardous Materials	8.00	0.00	0.00	8.00
Inkjet/Toner Cartridges	0.00	0.11	0.05	0.16
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	7.00	0.00	0.00	7.00
Rechargeable Batteries	0.30	0.02	0.00	0.32
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.78	0.94	0.00	1.72
Wood Packaging (pallets, crates, barrels)	0.00	0.20	13.08	13.28
Items Not Listed Above	0.00	0.12	0.00	0.12
<b>TOTAL MISCELLANEOUS</b>	<b>29.88</b>	<b>2.34</b>	<b>13.14</b>	<b>45.36</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>50.62</b>	<b>0.00</b>	<b>50.62</b>
<b>TOTAL FOR ALL</b>	<b>1,222.21</b>	<b>515.53</b>	<b>48.31</b>	<b>1,786.05</b>



# CHESTERFIELD COUNTY

**TABLE 8.30: Chesterfield County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
46,017	7	1	27.41	0.96	8,049.21	2.54	21,312

**TABLE 8.31: Chesterfield County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>METAL</b>				
Aluminum Cans	0.00	3.10	0.42	3.52
Ferrous, Magnetic	0.00	2.00	42.12	44.12
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	185.81	194.18	0.00	379.98
<b>TOTAL METAL</b>	<b>185.81</b>	<b>199.43</b>	<b>42.54</b>	<b>427.77</b>
<b>PAPER</b>				
Cardboard	0.00	427.95	807.78	1,235.73
Magazines	0.00	0.19	0.00	0.19
Newspaper & Inserts	0.00	0.11	0.00	0.11
Office Paper	0.00	2.13	0.00	2.13
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.01	0.00	0.01
Mixed Paper	0.00	0.18	0.00	0.18
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>430.57</b>	<b>807.78</b>	<b>1,238.35</b>
<b>PLASTIC</b>				
HDPE	0.00	0.18	20.44	20.62
LDPE	0.00	11.10	84.55	95.65
PET	0.00	0.09	0.14	0.23
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.21	1.87	2.08
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>11.58</b>	<b>106.99</b>	<b>118.57</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	82.54	83.62	0.00	166.17
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	41.58	49.39	0.00	90.97
Tires (automobiles, trucks, motorcycles)	511.06	22.34	0.00	533.4
Used Motor Oil (automobiles, trucks, motorcycles)	28.47	0.00	0.00	28.47
<b>TOTAL BANNED ITEMS</b>	<b>663.65</b>	<b>155.44</b>	<b>0.00</b>	<b>819.10</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.18	0.00	0.18
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	23.00	25.45	0.00	48.45
Fluorescent Bulbs	0.00	0.06	2.20	2.26
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.14	0.00	0.14
Textiles (recycled - not donated for reuse)	0.00	0.01	4,670.15	4,670.16
Used Oil Filters	2.36	2.73	0.00	5.10
Wood Packaging (pallets, crates, barrels)	0.00	0.14	0.00	0.14
Items Not Listed Above	0.00	0.04	142.50	142.54
<b>TOTAL MISCELLANEOUS</b>	<b>25.36</b>	<b>28.77</b>	<b>4,814.85</b>	<b>4,868.99</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>288.20</b>	<b>288.20</b>	<b>0.00</b>	<b>576.41</b>
<b>TOTAL FOR ALL</b>	<b>1,163.03</b>	<b>1,114.00</b>	<b>5,772.17</b>	<b>8,049.23</b>

# CLARENDON COUNTY

**TABLE 8.32: Clarendon County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
33,775	12	0	8.16	0.19	1,147.37	2.10	12,914

**TABLE 8.33: Clarendon County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.02	0.00	0.02
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	0.00	0.74	0.00	0.74
<b>TOTAL METAL</b>	<b>0.00</b>	<b>0.91</b>	<b>0.00</b>	<b>0.91</b>
<b>PAPER</b>				
Cardboard	198.20	403.33	0.00	601.33
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	1.43	0.00	1.43
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.16	0.00	0.16
<b>TOTAL PAPER</b>	<b>198.20</b>	<b>404.92</b>	<b>0.00</b>	<b>603.12</b>
<b>PLASTIC</b>				
HDPE	0.00	0.16	0.00	0.16
LDPE	0.00	10.19	0.00	10.19
PET	0.00	0.08	0.00	0.08
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.17	0.00	0.17
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>10.60</b>	<b>0.00</b>	<b>10.60</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	84.36	0.22	0.00	84.58
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	28.55	43.18	0.00	71.73
Tires (automobiles, trucks, motorcycles)	332.67	22.75	0.00	355.42
Used Motor Oil (automobiles, trucks, motorcycles)	16.80	0.00	0.00	16.80
<b>TOTAL BANNED ITEMS</b>	<b>462.38</b>	<b>66.24</b>	<b>0.00</b>	<b>528.62</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.15	0.00	0.15
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	3.29	0.00	3.29
Fluorescent Bulbs	0.00	0.03	0.00	0.03
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.07	0.00	0.07
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>3.83</b>	<b>0.00</b>	<b>3.83</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.27</b>	<b>0.00</b>	<b>0.27</b>
<b>TOTAL FOR ALL</b>	<b>660.58</b>	<b>486.79</b>	<b>0.00</b>	<b>1,147.37</b>

# COLLETON COUNTY

**TABLE 8.34: Colleton County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
37,731	14	1	17.15	0.57	3,943.79	2.77	19,049

**TABLE 8.35: Colleton County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	6.81	0.56	0.00	7.37
Ferrous, Magnetic	0.00	5.52	0.00	5.52
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	400.00	2.11	0.00	402.11
<b>TOTAL METAL</b>	<b>406.81</b>	<b>8.35</b>	<b>0.00</b>	<b>415.16</b>
<b>PAPER</b>				
Cardboard	70.44	2,536.22	0.00	2,606.66
Magazines	0.00	0.17	0.00	0.17
Newspaper & Inserts	15.80	0.14	0.00	15.94
Office Paper	0.00	9.69	0.00	9.69
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	0.00	0.31	0.00	0.31
<b>TOTAL PAPER</b>	<b>86.24</b>	<b>2,546.61</b>	<b>0.00</b>	<b>2,632.85</b>
<b>PLASTIC</b>				
HDPE	0.00	0.49	0.00	0.49
LDPE	0.00	30.68	0.00	30.68
PET	0.00	0.31	0.00	0.31
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.04	0.00	0.04
Mixed Plastic	0.00	0.97	0.00	0.97
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>32.49</b>	<b>0.00</b>	<b>32.49</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.13	0.00	0.13
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.14</b>	<b>0.00</b>	<b>0.14</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.66	0.00	0.66
Electronics	57.43	0.30	0.00	57.73
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	36.12	49.30	0.00	85.42
Tires (automobiles, trucks, motorcycles)	520.75	143.87	0.00	664.62
Used Motor Oil (automobiles, trucks, motorcycles)	2.36	0.00	0.00	2.36
<b>TOTAL BANNED ITEMS</b>	<b>616.66</b>	<b>194.13</b>	<b>0.00</b>	<b>810.79</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.41	0.00	0.41
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	8.87	0.00	8.87
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	3.25	0.23	0.00	3.48
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.45	0.00	0.45
Wood Packaging (pallets, crates, barrels)	0.00	0.06	0.00	0.06
Items Not Listed Above	0.00	0.11	0.00	0.11
<b>TOTAL MISCELLANEOUS</b>	<b>3.25</b>	<b>10.25</b>	<b>0.00</b>	<b>13.50</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>38.62</b>	<b>0.00</b>	<b>38.62</b>
<b>TOTAL FOR ALL</b>	<b>1,112.96</b>	<b>2,830.83</b>	<b>0.00</b>	<b>3,943.79</b>

# DARLINGTON COUNTY

**TABLE 8.36: Darlington County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
67,548	14	3	7.45	0.23	2,807.62	2.83	34,876

**TABLE 8.37: Darlington County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	0.00	1.16	0.00	1.16
Ferrous, Magnetic	0.00	0.96	0.00	0.96
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	357.27	21.32	0.00	378.59
<b>TOTAL METAL</b>	<b>357.27</b>	<b>23.60</b>	<b>0.00</b>	<b>380.87</b>
<b>PAPER</b>				
Cardboard	0.00	745.36	0.00	745.36
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	1.68	0.00	1.68
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.33	0.00	0.33
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>747.39</b>	<b>0.00</b>	<b>747.39</b>
<b>PLASTIC</b>				
HDPE	0.00	0.23	0.00	0.23
LDPE	0.00	15.12	0.00	15.12
PET	0.00	0.13	0.00	0.13
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.76	0.00	0.76
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>16.24</b>	<b>0.00</b>	<b>16.24</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	41.81	0.22	0.00	42.03
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	53.01	67.33	0.00	120.34
Tires (automobiles, trucks, motorcycles)	633.34	28.28	0.00	661.62
Used Motor Oil (automobiles, trucks, motorcycles)	24.99	0.00	0.00	24.99
<b>TOTAL BANNED ITEMS</b>	<b>753.15</b>	<b>95.92</b>	<b>0.00</b>	<b>849.07</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.40	0.00	0.40
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	57.06	3.72	0.00	60.78
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.13	0.00	0.13
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.27	0.00	0.27
Wood Packaging (pallets, crates, barrels)	0.00	143.05	0.00	143.05
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>57.06</b>	<b>147.87</b>	<b>0.00</b>	<b>204.93</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>608.83</b>	<b>0.27</b>	<b>0.00</b>	<b>609.1</b>
<b>TOTAL FOR ALL</b>	<b>1,776.31</b>	<b>1,031.31</b>	<b>0.00</b>	<b>2,807.62</b>

# DILLON COUNTY

**TABLE 8.38: Dillon County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
31,234	12	1	6.00	0.21	1,221.87	3.36	19,154

**TABLE 8.39: Dillon County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	0.00	1.33	0.00	1.33
Ferrous, Magnetic	0.00	1.07	0.00	1.07
Non-ferrous, Non-magnetic	0.00	0.00	0.40	0.40
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	153.69	1.55	0.00	155.24
<b>TOTAL METAL</b>	<b>153.69</b>	<b>4.11</b>	<b>0.40</b>	<b>158.20</b>
<b>PAPER</b>				
Cardboard	11.83	383.17	0.00	395.00
Magazines	0.00	0.23	0.00	0.23
Newspaper & Inserts	0.00	0.13	0.00	0.13
Office Paper	0.00	2.41	0.00	2.41
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.11	0.00	0.11
<b>TOTAL PAPER</b>	<b>11.83</b>	<b>386.05</b>	<b>0.00</b>	<b>397.88</b>
<b>PLASTIC</b>				
HDPE	0.00	0.11	0.00	0.11
LDPE	0.00	4.51	0.00	4.51
PET	0.00	0.08	0.00	0.08
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.48	0.00	0.48
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>5.18</b>	<b>0.00</b>	<b>5.18</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	75.98	1.12	0.00	77.10
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	24.47	30.6	0.00	55.07
Tires (automobiles, trucks, motorcycles)	486.88	18.69	0.00	505.57
Used Motor Oil (automobiles, trucks, motorcycles)	16.20	0.00	0.00	16.20
<b>TOTAL BANNED ITEMS</b>	<b>603.53</b>	<b>50.53</b>	<b>0.00</b>	<b>654.06</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.40	0.00	0.40
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	3.82	0.00	3.82
Fluorescent Bulbs	0.00	0.11	0.10	0.21
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.27	0.00	0.27
Wood Packaging (pallets, crates, barrels)	0.00	0.06	0.00	0.06
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>4.91</b>	<b>0.10</b>	<b>5.01</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>1.28</b>	<b>0.00</b>	<b>1.28</b>
<b>TOTAL FOR ALL</b>	<b>769.05</b>	<b>452.33</b>	<b>0.50</b>	<b>1,221.88</b>



# DORCHESTER COUNTY

**TABLE 8.40: Dorchester County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
152,478	14	2	31.17	1.21	33,786.09	2.68	74,614

**TABLE 8.41: Dorchester County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	108.46	0.04	0.00	108.50
<b>TOTAL GLASS</b>	<b>108.46</b>	<b>0.24</b>	<b>0.00</b>	<b>108.70</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.65	0.00	0.65
Ferrous, Magnetic	0.00	1.57	1,070.00	1,071.57
Non-ferrous, Non-magnetic	0.00	0.00	1,208.00	1,208.00
Steel Cans	0.00	18.75	0.00	18.75
Mixed Scrap Metal	624.31	4,601.85	161.41	5,387.57
<b>TOTAL METAL</b>	<b>624.31</b>	<b>4,622.82</b>	<b>2,439.41</b>	<b>7,686.54</b>
<b>PAPER</b>				
Cardboard	647.92	1,675.79	13.53	2,337.24
Magazines	0.00	0.17	0.00	0.17
Newspaper & Inserts	0.00	0.14	0.00	0.14
Office Paper	0.00	3.31	88.90	92.21
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	441.8	15.02	0	456.82
<b>TOTAL PAPER</b>	<b>1,089.72</b>	<b>1,694.51</b>	<b>102.43</b>	<b>2,886.66</b>
<b>PLASTIC</b>				
HDPE	0.00	0.53	0.00	0.53
LDPE	0.00	38.13	0.00	38.13
PET	0.00	0.35	0.00	0.35
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	18.68	144.00	162.68
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>57.69</b>	<b>144.00</b>	<b>201.69</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	38.80	38.81
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	14,827.07	0.13	0.00	14,827.20
<b>TOTAL ORGANICS</b>	<b>14,827.07</b>	<b>0.14</b>	<b>38.80</b>	<b>14,866.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	200.54	0.55	14.60	215.69
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	126.41	146.27	0.00	272.68
Tires (automobiles, trucks, motorcycles)	1,175.13	134.52	0.00	1,309.65
Used Motor Oil (automobiles, trucks, motorcycles)	99.34	0.00	0.00	99.34
<b>TOTAL BANNED ITEMS</b>	<b>1,601.42</b>	<b>281.46</b>	<b>14.60</b>	<b>1,897.48</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	2.03	0.41	0.00	2.44
Carpet	103.23	0.00	0.00	103.23
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	20.59	14.55	0.00	35.14
Fluorescent Bulbs	0.00	0.08	0.79	0.87
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.21	0.00	0.21
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.33	1.50	1.83
Textiles (recycled - not donated for reuse)	0.00	8.06	0.00	8.06
Used Oil Filters	4.40	0.65	0.00	5.05
Wood Packaging (pallets, crates, barrels)	0.00	142.06	726.5	868.56
Items Not Listed Above	0.00	0.13	0.00	0.13
<b>TOTAL MISCELLANEOUS</b>	<b>130.25</b>	<b>166.50</b>	<b>728.79</b>	<b>1,025.54</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>4,362.80</b>	<b>172.88</b>	<b>577.80</b>	<b>5,113.48</b>
<b>TOTAL FOR ALL</b>	<b>22,744.03</b>	<b>6,996.24</b>	<b>4,045.83</b>	<b>33,786.10</b>

# EDGEFIELD COUNTY

**TABLE 8.42: Edgefield County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
26,514	8	2	8.19	0.29	1,401.69	3.25	15,720

**TABLE 8.43: Edgefield County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	4.58	0.39	0.00	4.97
Ferrous, Magnetic	0.00	5.04	0.00	5.04
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	18.75	0.00	18.75
Mixed Scrap Metal	247.33	63.41	0.00	310.74
<b>TOTAL METAL</b>	<b>251.91</b>	<b>87.59</b>	<b>0.00</b>	<b>339.5</b>
<b>PAPER</b>				
Cardboard	140.75	317.31	0.00	458.06
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	105.44	0.00	0.00	105.44
Office Paper	0.00	1.54	0.00	1.54
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	42.60	14.81	0.00	57.41
<b>TOTAL PAPER</b>	<b>288.79</b>	<b>333.66</b>	<b>0.00</b>	<b>622.45</b>
<b>PLASTIC</b>				
HDPE	0.00	0.05	0.00	0.05
LDPE	0.00	2.08	0.00	2.08
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	37.97	0.00	0.00	37.97
Mixed Plastic	0.00	4.84	0.00	4.84
<b>TOTAL PLASTIC</b>	<b>37.97</b>	<b>6.98</b>	<b>0.00</b>	<b>44.95</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	9.35	0.22	0.00	9.57
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	20.94	28.13	0.00	49.07
Tires (automobiles, trucks, motorcycles)	206.54	13.76	0.00	220.3
Used Motor Oil (automobiles, trucks, motorcycles)	57.38	0.00	0.00	57.38
<b>TOTAL BANNED ITEMS</b>	<b>294.21</b>	<b>42.20</b>	<b>0.00</b>	<b>336.41</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.49	0.00	0.49
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	2.30	0.00	2.30
Fluorescent Bulbs	0.00	0.09	0.00	0.09
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	8.06	0.00	8.06
Used Oil Filters	1.94	0.38	0.00	2.32
Wood Packaging (pallets, crates, barrels)	0.00	0.20	0.00	0.20
Items Not Listed Above	0.00	0.92	0.00	0.92
<b>TOTAL MISCELLANEOUS</b>	<b>1.94</b>	<b>12.57</b>	<b>0.00</b>	<b>14.51</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>39.83</b>	<b>4.02</b>	<b>0.00</b>	<b>43.85</b>
<b>TOTAL FOR ALL</b>	<b>914.65</b>	<b>487.04</b>	<b>0.00</b>	<b>1,401.69</b>

# FAIRFIELD COUNTY

**TABLE 8.44: Fairfield County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
22,747	11	0	13.93	0.77	3,195.37	4.76	19,748

**TABLE 8.45: Fairfield County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	63.16	0.03	0.00	63.19
<b>TOTAL GLASS</b>	<b>63.16</b>	<b>0.23</b>	<b>0.00</b>	<b>63.39</b>
<b>METAL</b>				
Aluminum Cans	0.00	3.25	0.25	3.50
Ferrous, Magnetic	0.00	2.11	0.00	2.11
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	422.89	8.55	0.00	431.44
<b>TOTAL METAL</b>	<b>422.89</b>	<b>14.06</b>	<b>0.25</b>	<b>437.20</b>
<b>PAPER</b>				
Cardboard	169.75	231.91	108.30	509.96
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	0.00	4.63	0.75	5.38
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.01	0.00	0.01
Mixed Paper	221.87	0.06	0.00	221.93
<b>TOTAL PAPER</b>	<b>391.62</b>	<b>236.65</b>	<b>109.05</b>	<b>737.32</b>
<b>PLASTIC</b>				
HDPE	43.09	0.14	0.00	43.23
LDPE	0.00	6.00	0.00	6.00
PET	0.00	0.10	0.00	0.10
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.53	0.00	0.53
<b>TOTAL PLASTIC</b>	<b>43.09</b>	<b>6.77</b>	<b>0.00</b>	<b>49.86</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,200.00	0.01	0.00	1,200.01
<b>TOTAL ORGANICS</b>	<b>1,200.00</b>	<b>0.02</b>	<b>0.00</b>	<b>1,200.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	117.27	0.18	0.00	117.45
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	16.80	17.61	0.01	34.42
Tires (automobiles, trucks, motorcycles)	493.18	1.43	0.00	494.61
Used Motor Oil (automobiles, trucks, motorcycles)	34.88	0.00	0.00	34.88
<b>TOTAL BANNED ITEMS</b>	<b>662.13</b>	<b>19.34</b>	<b>0.01</b>	<b>681.48</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.18	0.00	0.18
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	5.90	2.51	0.00	8.41
Fluorescent Bulbs	0.00	0.03	0.08	0.11
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.08	0.00	0.08
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.83	0.37	0.00	2.20
Wood Packaging (pallets, crates, barrels)	0.00	0.15	0.00	0.15
Items Not Listed Above	0.00	0.06	0.00	0.06
<b>TOTAL MISCELLANEOUS</b>	<b>7.73</b>	<b>3.43</b>	<b>0.08</b>	<b>11.23</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>13.86</b>	<b>1.01</b>	<b>0.00</b>	<b>14.87</b>
<b>TOTAL FOR ALL</b>	<b>2,804.48</b>	<b>281.50</b>	<b>109.39</b>	<b>3,195.37</b>

# FLORENCE COUNTY

**TABLE 8.46: Florence County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
138,900	15	2	11.19	0.50	12,746.66	3.99	101,209

**TABLE 8.47: Florence County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	0.00	1.28	0.00	1.28
Ferrous, Magnetic	0.00	58.91	0.00	58.91
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	18.76	0.00	18.76
Mixed Scrap Metal	42.94	129.87	0.00	172.81
<b>TOTAL METAL</b>	<b>42.94</b>	<b>208.82</b>	<b>0.00</b>	<b>251.76</b>
<b>PAPER</b>				
Cardboard	0.00	3,113.87	0.00	3,113.87
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	22.97	0.00	22.97
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.14	0.00	0.14
Mixed Paper	0.00	29.09	0.00	29.09
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>3,166.09</b>	<b>0.00</b>	<b>3,166.09</b>
<b>PLASTIC</b>				
HDPE	0.00	0.91	0.00	0.91
LDPE	0.00	61.10	0.00	61.10
PET	0.00	0.52	0.00	0.52
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	19.08	0.00	19.08
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>81.61</b>	<b>0.00</b>	<b>81.61</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,823.25	0.00	0.00	1,823.25
<b>TOTAL ORGANICS</b>	<b>1,823.25</b>	<b>0.01</b>	<b>0.00</b>	<b>1,823.26</b>
<b>BANNED ITEMS</b>				
Appliances	2,312.00	0.09	0.00	2,312.09
Electronics	278.21	6.75	0.00	284.96
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	118.25	161.70	0.00	279.95
Tires (automobiles, trucks, motorcycles)	1,358.30	83.48	0.00	1,441.78
Used Motor Oil (automobiles, trucks, motorcycles)	82.32	0.00	0.00	82.32
<b>TOTAL BANNED ITEMS</b>	<b>4,149.08</b>	<b>252.02</b>	<b>0.00</b>	<b>4,401.10</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.72	0.00	0.72
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	22.13	0.00	22.13
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.55	0.00	0.55
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.43	0.00	0.43
Textiles (recycled - not donated for reuse)	0.00	8.06	0.00	8.06
Used Oil Filters	3.25	0.37	0.00	3.62
Wood Packaging (pallets, crates, barrels)	0.00	260.05	0.00	260.05
Items Not Listed Above	0.00	0.11	0.00	0.11
<b>TOTAL MISCELLANEOUS</b>	<b>3.25</b>	<b>292.51</b>	<b>0.00</b>	<b>295.76</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,338.00</b>	<b>389.08</b>	<b>0.00</b>	<b>2,727.08</b>
<b>TOTAL FOR ALL</b>	<b>8,356.52</b>	<b>4,390.15</b>	<b>0.00</b>	<b>12,746.67</b>

# GEORGETOWN COUNTY

**TABLE 8.48: Georgetown County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
61,298	14	1	23.48	1.11	12,454.53	3.63	40,595

**TABLE 8.49: Georgetown County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.10	0.00	0.10
Containers & Packaging - Clear	0.00	0.11	0.00	0.11
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.14	0.00	0.14
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.39</b>	<b>0.00</b>	<b>0.39</b>
<b>METAL</b>				
Aluminum Cans	7.64	86.46	0.00	94.10
Ferrous, Magnetic	483.73	3,672.70	0.00	4,156.43
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	2.45	2.61
Mixed Scrap Metal	0.00	245.7	0.60	246.30
<b>TOTAL METAL</b>	<b>491.37</b>	<b>4,005.02</b>	<b>3.05</b>	<b>4,499.44</b>
<b>PAPER</b>				
Cardboard	524.00	1,012.92	59.00	1,595.92
Magazines	0.00	2.04	0.00	2.04
Newspaper & Inserts	219.93	0.23	0.00	220.16
Office Paper	16.03	6.74	0.00	22.77
Paperboard	0.00	0.08	0.00	0.08
Phone Books	0.00	0.02	0.00	0.02
Mixed Paper	529.97	8.26	0.00	538.23
<b>TOTAL PAPER</b>	<b>1,289.93</b>	<b>1,030.29</b>	<b>59.00</b>	<b>2,379.22</b>
<b>PLASTIC</b>				
HDPE	28.37	0.60	0.00	28.97
LDPE	0.00	29.38	0.00	29.38
PET	54.92	0.52	0.00	55.44
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	24.22	1.05	56.04	81.31
<b>TOTAL PLASTIC</b>	<b>107.51</b>	<b>31.55</b>	<b>56.04</b>	<b>195.1</b>
<b>ORGANICS</b>				
Food Waste	0.00	1.16	0.00	1.16
Yard Trimmings (for use as boiler fuel)	199.10	0.00	0.00	199.10
Yard Trimmings (recycled into compost)	0.00	0.28	0.00	0.28
Yard Trimmings (recycled into mulch)	0.00	0.16	0.00	0.16
<b>TOTAL ORGANICS</b>	<b>199.10</b>	<b>1.60</b>	<b>0.00</b>	<b>200.70</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.32	0.00	0.32
Electronics	163.04	1.97	0.00	165.01
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	51.30	58.43	0.00	109.73
Tires (automobiles, trucks, motorcycles)	539.59	304.64	0.00	844.23
Used Motor Oil (automobiles, trucks, motorcycles)	42.38	0.00	0.00	42.38
<b>TOTAL BANNED ITEMS</b>	<b>796.31</b>	<b>365.36</b>	<b>0.00</b>	<b>1,161.67</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.41	0.00	0.41
Carpet	14.78	0.90	0.00	15.68
Carpet Padding	0.00	0.40	0.00	0.40
Cooking Oil/Grease	0.00	2,000.62	0.00	2,000.62
Fluorescent Bulbs	0.00	0.09	0.09	0.18
Household Hazardous Materials	5.41	0.00	0.00	5.41
Inkjet/Toner Cartridges	0.00	0.56	0.00	0.56
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	58.30	0.02	0.00	58.32
Rechargeable Batteries	0.00	0.03	0.00	0.03
Textiles (recycled - not donated for reuse)	1,587.50	0.01	0.00	1,587.51
Used Oil Filters	0.00	0.28	0.00	0.28
Wood Packaging (pallets, crates, barrels)	0.00	1.81	312.00	313.81
Items Not Listed Above	0.00	5.67	0.00	5.67
<b>TOTAL MISCELLANEOUS</b>	<b>1,665.99</b>	<b>2,010.81</b>	<b>312.09</b>	<b>3,988.89</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>29.12</b>	<b>0.00</b>	<b>29.12</b>
<b>TOTAL FOR ALL</b>	<b>4,550.21</b>	<b>7,474.14</b>	<b>430.18</b>	<b>12,454.53</b>

# GREENVILLE COUNTY

**TABLE 8.50: Greenville County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
491,863	20	6	27.53	1.31	117,608.23	3.45	309,594

**TABLE 8.51: Greenville County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	47.24	0.04	0.00	47.28
<b>TOTAL GLASS</b>	<b>47.24</b>	<b>0.24</b>	<b>0.00</b>	<b>47.48</b>
<b>METAL</b>				
Aluminum Cans	0.00	9.04	0.12	9.16
Ferrous, Magnetic	0.00	4,022.64	87.43	4,110.07
Non-ferrous, Non-magnetic	0.00	573.23	0.00	573.23
Steel Cans	0.00	18.76	49.14	67.90
Mixed Scrap Metal	13,924.40	5,889.23	111.66	19,925.29
<b>TOTAL METAL</b>	<b>13,924.40</b>	<b>10,512.90</b>	<b>248.35</b>	<b>24,685.65</b>
<b>PAPER</b>				
Cardboard	542.32	17,347.30	24.85	17,914.47
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	21.00	182.97	5.52	209.49
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.03	0.00	0.03
Mixed Paper	116.61	4,490.86	7.15	4,614.62
<b>TOTAL PAPER</b>	<b>679.93</b>	<b>22,021.20</b>	<b>37.52</b>	<b>22,738.65</b>
<b>PLASTIC</b>				
HDPE	0.00	33.04	0.36	33.40
LDPE	0.00	162.33	0.00	162.33
PET	0.00	3.20	5.10	8.30
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	32.81	131.95	164.75
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>231.38</b>	<b>137.41</b>	<b>368.79</b>
<b>ORGANICS</b>				
Food Waste	261.60	312.11	0.00	573.71
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	10,711.69	19,226.37	0.00	29,938.06
<b>TOTAL ORGANICS</b>	<b>10,973.29</b>	<b>19,538.48</b>	<b>0.00</b>	<b>30,511.77</b>
<b>BANNED ITEMS</b>				
Appliances	74.19	507.66	0.00	581.85
Electronics	353.75	267.93	1.10	622.78
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	414.74	634.06	0.27	1,049.07
Tires (automobiles, trucks, motorcycles)	6,381.70	3,541.64	0.23	9,923.57
Used Motor Oil (automobiles, trucks, motorcycles)	148.67	0.00	0.00	148.67
<b>TOTAL BANNED ITEMS</b>	<b>7,373.05</b>	<b>4,951.29</b>	<b>1.60</b>	<b>12,325.94</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	14.74	16.65	0.00	31.39
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	23.88	49.61	0.00	73.49
Fluorescent Bulbs	10.00	5.51	1.15	16.66
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.11	1.19	0.30	1.60
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	2.10	0.00	0.00	2.10
Rechargeable Batteries	1.00	2.06	0.05	3.11
Textiles (recycled - not donated for reuse)	8.73	337.46	0.00	346.19
Used Oil Filters	3.67	8.57	0.00	12.24
Wood Packaging (pallets, crates, barrels)	28.00	1,948.33	362.04	2,338.37
Items Not Listed Above	15.00	53.63	0.13	68.76
<b>TOTAL MISCELLANEOUS</b>	<b>107.23</b>	<b>2,423.02</b>	<b>363.67</b>	<b>2,893.92</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>13,597.17</b>	<b>10,437.87</b>	<b>1.00</b>	<b>24,036.04</b>
<b>TOTAL FOR ALL</b>	<b>46,702.31</b>	<b>70,116.39</b>	<b>789.54</b>	<b>117,608.24</b>



# GREENWOOD COUNTY

**TABLE 8.52: Greenwood County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
69,838	9	4	32.25	2.68	34,145.59	5.63	71,718

**TABLE 8.53: Greenwood County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	1.41	1.42
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>1.41</b>	<b>1.42</b>
<b>METAL</b>				
Aluminum Cans	0.00	110.34	0.17	110.51
Ferrous, Magnetic	0.00	23,005.04	5.93	23,010.97
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	1.90	0.15	0.00	2.05
Mixed Scrap Metal	322.00	61.00	0.00	383.00
<b>TOTAL METAL</b>	<b>323.90</b>	<b>23,176.53</b>	<b>6.10</b>	<b>23,506.53</b>
<b>PAPER</b>				
Cardboard	635.00	3,266.60	6.71	3,908.31
Magazines	0.00	0.25	0.00	0.25
Newspaper & Inserts	0.00	0.25	0.00	0.25
Office Paper	8.10	29.72	2.54	40.36
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	6.85	1,293.35	0.00	1,300.20
<b>TOTAL PAPER</b>	<b>649.95</b>	<b>4,590.17</b>	<b>9.26</b>	<b>5,249.38</b>
<b>PLASTIC</b>				
HDPE	2.40	2.47	0.00	4.87
LDPE	0.00	8.77	0.00	8.77
PET	6.60	6.61	0.00	13.21
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.68	3.22	3.90
<b>TOTAL PLASTIC</b>	<b>9.00</b>	<b>18.53</b>	<b>3.22</b>	<b>30.75</b>
<b>ORGANICS</b>				
Food Waste	0.00	925.01	0.00	925.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>925.01</b>	<b>0.00</b>	<b>925.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	6.79	25.67	0.15	32.61
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	57.47	131.27	0.13	188.87
Tires (automobiles, trucks, motorcycles)	1,221.50	19.16	0.00	1,240.66
Used Motor Oil (automobiles, trucks, motorcycles)	32.20	0.00	0.00	32.20
<b>TOTAL BANNED ITEMS</b>	<b>1,317.96</b>	<b>176.19</b>	<b>0.28</b>	<b>1,494.43</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.50	0.62	0.00	1.12
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.50	6.16	0.00	6.66
Fluorescent Bulbs	0.00	1.16	0.12	1.28
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.10	2.11	0.00	2.21
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.21	0.00	0.21
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.10	0.38	0.00	0.48
Wood Packaging (pallets, crates, barrels)	0.00	688.20	16.93	705.13
Items Not Listed Above	0.00	0.91	0.00	0.91
<b>TOTAL MISCELLANEOUS</b>	<b>1.20</b>	<b>699.76</b>	<b>17.05</b>	<b>718.01</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,162.00</b>	<b>58.07</b>	<b>0.00</b>	<b>2,220.07</b>
<b>TOTAL FOR ALL</b>	<b>4,464.01</b>	<b>29,644.26</b>	<b>37.33</b>	<b>34,145.60</b>

# HAMPTON COUNTY

**TABLE 8.54: Hampton County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
20,049	10	0	21.10	0.75	2,733.98	2.79	10,224

**TABLE 8.55: Hampton County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.18	0.00	0.18
Ferrous, Magnetic	0.00	4.06	0.00	4.06
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	141.58	3.58	0.00	145.16
<b>TOTAL METAL</b>	<b>141.58</b>	<b>7.98</b>	<b>0.00</b>	<b>149.56</b>
<b>PAPER</b>				
Cardboard	52.69	192.23	1.75	246.67
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	1.26	7.80	0.00	9.06
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	26.94	0.14	0.00	27.08
<b>TOTAL PAPER</b>	<b>80.89</b>	<b>200.21</b>	<b>1.75</b>	<b>282.85</b>
<b>PLASTIC</b>				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.04	0.00	0.04
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	18.41	1.58	0.00	19.99
<b>TOTAL PLASTIC</b>	<b>18.41</b>	<b>1.66</b>	<b>0.00</b>	<b>20.07</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,789.00	0.01	0.00	1,789.01
<b>TOTAL ORGANICS</b>	<b>1,789.00</b>	<b>0.02</b>	<b>0.00</b>	<b>1,789.02</b>
<b>BANNED ITEMS</b>				
Appliances	23.33	0.66	0.00	23.99
Electronics	91.66	0.82	0.00	92.48
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	19.09	13.87	0.00	32.96
Tires (automobiles, trucks, motorcycles)	303.26	0.39	0.00	303.65
Used Motor Oil (automobiles, trucks, motorcycles)	19.71	0.00	0.00	19.71
<b>TOTAL BANNED ITEMS</b>	<b>457.05</b>	<b>15.74</b>	<b>0.00</b>	<b>472.79</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.22	0.15	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.03	0.00	0.03
Fluorescent Bulbs	0.00	0.03	0.03	0.06
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.13	0.00	0.13
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.70	0.07	0.00	1.77
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.12	0.00	0.12
<b>TOTAL MISCELLANEOUS</b>	<b>1.92</b>	<b>0.62</b>	<b>0.03</b>	<b>2.57</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>16.88</b>	<b>0.00</b>	<b>16.88</b>
<b>TOTAL FOR ALL</b>	<b>2,488.85</b>	<b>243.35</b>	<b>1.78</b>	<b>2,733.98</b>

# HORRY COUNTY

**TABLE 8.56: Horry County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
309,199	28	6	30.28	1.99	112,286.08	4.58	258,519

**TABLE 8.57: Horry County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.10	0.00	0.10
Containers & Packaging - Clear	0.00	0.11	0.00	0.11
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	807.76	0.34	0.00	808.10
<b>TOTAL GLASS</b>	<b>807.76</b>	<b>0.59</b>	<b>0.00</b>	<b>808.35</b>
<b>METAL</b>				
Aluminum Cans	161.42	285.25	1.50	448.17
Ferrous, Magnetic	0.00	9,974.60	1,221.51	11,196.11
Non-ferrous, Non-magnetic	0.00	162.00	1,687.56	1,849.56
Steel Cans	403.58	17.36	0.00	420.94
Mixed Scrap Metal	3,582.68	7,098.83	0.00	10,681.51
<b>TOTAL METAL</b>	<b>4,147.68</b>	<b>17,538.04</b>	<b>2,910.57</b>	<b>24,596.29</b>
<b>PAPER</b>				
Cardboard	6,538.74	16,296.67	17.83	22,853.24
Magazines	0.00	14.04	0.50	14.54
Newspaper & Inserts	4,910.43	291.13	0.00	5,201.56
Office Paper	482.08	2,044.51	1.00	2,527.59
Paperboard	0.00	0.58	0.00	0.58
Phone Books	0.00	10.12	0.20	10.32
Mixed Paper	0.00	639.35	0.70	640.05
<b>TOTAL PAPER</b>	<b>11,931.25</b>	<b>19,296.40</b>	<b>20.23</b>	<b>31,247.88</b>
<b>PLASTIC</b>				
HDPE	313.63	18.23	0.00	331.86
LDPE	0.00	260.82	0.00	260.82
PET	619.95	19.16	0.00	639.11
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	22.00	0.00	22.00
Mixed Plastic	334.55	14.61	5.54	354.7
<b>TOTAL PLASTIC</b>	<b>1,268.13</b>	<b>334.82</b>	<b>5.54</b>	<b>1,608.49</b>
<b>ORGANICS</b>				
Food Waste	235.74	108.85	0.00	344.59
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	37,027.14	86.96	0.00	37,114.10
Yard Trimmings (recycled into mulch)	0.00	2.16	0.00	2.16
<b>TOTAL ORGANICS</b>	<b>37,262.88</b>	<b>197.97</b>	<b>0.00</b>	<b>37,460.85</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	1.32	0.00	1.32
Electronics	1,114.80	64.23	0.25	1,179.28
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	275.54	1,452.32	0.00	1,727.86
Tires (automobiles, trucks, motorcycles)	4,238.03	1,408.98	0.00	5,647.01
Used Motor Oil (automobiles, trucks, motorcycles)	147.40	0.00	0.00	147.40
<b>TOTAL BANNED ITEMS</b>	<b>6,890.57</b>	<b>2,991.08</b>	<b>0.50</b>	<b>8,702.87</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	2.05	1,533.20	0.00	1,535.25
Carpet	285.24	104.23	0.00	389.47
Carpet Padding	0.00	207.36	0.00	207.36
Cooking Oil/Grease	1.68	984.36	0.00	986.04
Fluorescent Bulbs	0.00	5.07	2.20	7.27
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	4.85	0.00	4.85
Mattresses & Box Springs	18.87	0.01	0.00	18.88
Paint	65.05	0.16	0.09	65.30
Rechargeable Batteries	15.81	61.02	0.00	76.83
Textiles (recycled - not donated for reuse)	156.13	1,362.61	0.00	1,518.74
Used Oil Filters	0.00	108.65	0.00	108.65
Wood Packaging (pallets, crates, barrels)	0.00	1,047.46	1.20	1,048.66
Items Not Listed Above	0.00	5.88	0.00	5.88
<b>TOTAL MISCELLANEOUS</b>	<b>544.83</b>	<b>5,424.85</b>	<b>3.49</b>	<b>5,973.17</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>1,888.17</b>	<b>0.00</b>	<b>1,888.17</b>
<b>TOTAL FOR ALL</b>	<b>61,738.30</b>	<b>47,607.69</b>	<b>2,940.09</b>	<b>112,286.08</b>

# JASPER COUNTY

**TABLE 8.58: Jasper County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,824	6	2	9.46	0.26	1,338.57	2.52	12,804

**TABLE 8.59: Jasper County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	11.15	0.00	11.15
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>11.15</b>	<b>0.00</b>	<b>11.15</b>
<b>METAL</b>				
Aluminum Cans	2.75	0.35	0.00	3.10
Ferrous, Magnetic	0.00	5.41	0.00	5.41
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	229.65	33.07	0.00	262.72
<b>TOTAL METAL</b>	<b>232.40</b>	<b>38.99</b>	<b>0.00</b>	<b>271.39</b>
<b>PAPER</b>				
Cardboard	151.54	375.18	0.00	526.72
Magazines	0.00	1.16	0.00	1.16
Newspaper & Inserts	51.62	1.12	0.00	52.74
Office Paper	0.00	8.57	0.00	8.57
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	0.00	0.78	0.00	0.78
<b>TOTAL PAPER</b>	<b>203.16</b>	<b>386.89</b>	<b>0.00</b>	<b>590.05</b>
<b>PLASTIC</b>				
HDPE	0.00	0.09	0.00	0.09
LDPE	0.00	9.53	0.00	9.53
PET	0.00	0.03	0.00	0.03
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	4.24	0.83	0.00	5.07
<b>TOTAL PLASTIC</b>	<b>4.24</b>	<b>10.48</b>	<b>0.00</b>	<b>14.72</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.12	0.00	0.12
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.13</b>	<b>0.00</b>	<b>0.13</b>
<b>BANNED ITEMS</b>				
Appliances	3.47	0.63	0.00	4.10
Electronics	141.66	0.26	0.00	141.92
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	22.25	35.72	0.00	57.97
Tires (automobiles, trucks, motorcycles)	157.60	38.91	0.00	196.51
Used Motor Oil (automobiles, trucks, motorcycles)	24.80	0.00	0.00	24.80
<b>TOTAL BANNED ITEMS</b>	<b>349.78</b>	<b>75.52</b>	<b>0.00</b>	<b>425.30</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.48	0.00	0.48
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	5.06	0.00	5.06
Fluorescent Bulbs	0.00	0.06	0.00	0.06
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.14	0.00	0.14
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.38	0.00	0.38
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Items Not Listed Above	0.00	3.04	0.00	3.04
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>9.17</b>	<b>0.00</b>	<b>9.17</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>16.66</b>	<b>0.00</b>	<b>16.66</b>
<b>TOTAL FOR ALL</b>	<b>789.58</b>	<b>548.99</b>	<b>0.00</b>	<b>1,338.57</b>

# KERSHAW COUNTY

**TABLE 8.60: Kershaw County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
63,603	11	1	20.33	0.73	8,529.85	2.88	33,432

**TABLE 8.61: Kershaw County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	11.62	0.01	0.00	11.63
<b>TOTAL GLASS</b>	<b>11.62</b>	<b>0.01</b>	<b>0.00</b>	<b>11.63</b>
<b>METAL</b>				
Aluminum Cans	18.45	8.07	0.00	26.52
Ferrous, Magnetic	0.00	17.50	0.00	17.50
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	18.75	0.00	18.75
Mixed Scrap Metal	0.00	56.74	0.00	56.74
<b>TOTAL METAL</b>	<b>18.45</b>	<b>101.06</b>	<b>0.00</b>	<b>119.51</b>
<b>PAPER</b>				
Cardboard	51.46	1,253.80	0.00	1,305.26
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	1.02	1.18	0.00	2.20
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	34.19	0.00	34.19
<b>TOTAL PAPER</b>	<b>52.48</b>	<b>1,289.17</b>	<b>0.00</b>	<b>1,341.65</b>
<b>PLASTIC</b>				
HDPE	100.01	0.07	0.00	100.08
LDPE	0.00	3.68	0.00	3.68
PET	0.00	0.03	0.00	0.03
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	9.70	0.00	9.70
<b>TOTAL PLASTIC</b>	<b>100.01</b>	<b>13.48</b>	<b>0.00</b>	<b>113.49</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	5,065.00	0.00	0.00	5,065.00
<b>TOTAL ORGANICS</b>	<b>5,065.00</b>	<b>0.01</b>	<b>0.00</b>	<b>5,065.01</b>
<b>BANNED ITEMS</b>				
Appliances	87.98	0.09	0.00	88.07
Electronics	723.24	0.22	0.00	723.46
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	49.55	70.73	0.00	120.28
Tires (automobiles, trucks, motorcycles)	649.62	33.72	0.00	683.34
Used Motor Oil (automobiles, trucks, motorcycles)	69.20	0.00	0.00	69.20
<b>TOTAL BANNED ITEMS</b>	<b>1,579.59</b>	<b>107.76</b>	<b>0.00</b>	<b>1,684.35</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	2.50	0.15	0.00	2.65
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	2.96	0.00	2.96
Fluorescent Bulbs	0.00	0.12	0.00	0.12
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.17	0.00	0.17
Textiles (recycled - not donated for reuse)	0.00	8.06	0.00	8.06
Used Oil Filters	0.20	1.67	0.00	1.87
Wood Packaging (pallets, crates, barrels)	0.00	117.05	0.00	117.05
Items Not Listed Above	0.00	0.11	0.00	0.11
<b>TOTAL MISCELLANEOUS</b>	<b>2.70</b>	<b>130.40</b>	<b>0.00</b>	<b>133.10</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>28.53</b>	<b>32.58</b>	<b>0.00</b>	<b>61.11</b>
<b>TOTAL FOR ALL</b>	<b>6,858.38</b>	<b>1,671.46</b>	<b>0.00</b>	<b>8,529.84</b>

# LANCASTER COUNTY

**TABLE 8.62: Lancaster County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
85,842	12	1	11.07	0.30	4,663.48	2.39	37,468

**TABLE 8.63: Lancaster County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	0.00	3.35	0.05	3.40
Ferrous, Magnetic	0.00	2.11	0.00	2.11
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	69.84	50.73	0.00	120.57
<b>TOTAL METAL</b>	<b>69.84</b>	<b>56.34</b>	<b>0.05</b>	<b>126.23</b>
<b>PAPER</b>				
Cardboard	0.00	1,555.87	0.00	1,555.87
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.02	0.00	0.02
Office Paper	0.00	2.05	0.00	2.05
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.01	0.00	0.01
Mixed Paper	0.00	0.38	9.14	9.52
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>1,558.35</b>	<b>9.14</b>	<b>1,567.49</b>
<b>PLASTIC</b>				
HDPE	0.00	0.46	0.00	0.46
LDPE	0.00	30.42	0.00	30.42
PET	0.00	0.30	0.00	0.30
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	8.09	89.66	97.75
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>39.27</b>	<b>89.66</b>	<b>128.93</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.02</b>	<b>0.00</b>	<b>0.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	655.37	0.22	0.00	655.59
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	81.93	105.70	0.00	187.63
Tires (automobiles, trucks, motorcycles)	867.19	18.76	0.00	885.95
Used Motor Oil (automobiles, trucks, motorcycles)	53.11	0.00	0.00	53.11
<b>TOTAL BANNED ITEMS</b>	<b>1,657.60</b>	<b>124.80</b>	<b>0.00</b>	<b>1,782.40</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	1.00	0.33	0.00	1.33
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.50	7.63	0.00	8.13
Fluorescent Bulbs	0.00	0.05	0.00	0.05
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	5.23	0.00	0.00	5.23
Rechargeable Batteries	0.00	2.73	0.00	2.73
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	27.06	0.44	0.00	27.50
Wood Packaging (pallets, crates, barrels)	0.00	118.2	81.71	199.91
Items Not Listed Above	0.00	0.14	0.00	0.14
<b>TOTAL MISCELLANEOUS</b>	<b>33.79</b>	<b>129.65</b>	<b>81.71</b>	<b>245.15</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>735.54</b>	<b>77.48</b>	<b>0.00</b>	<b>813.02</b>
<b>TOTAL FOR ALL</b>	<b>2,496.77</b>	<b>1,996.15</b>	<b>180.55</b>	<b>4,673.47</b>



# LAURENS COUNTY

**TABLE 8.64: Laurens County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
66,623	11	0	23.14	0.80	9,740.34	2.66	32,357

**TABLE 8.65: Laurens County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	8.46	0.09	0.00	8.55
Containers & Packaging - Clear	54.09	0.07	0.00	54.16
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>62.55</b>	<b>0.24</b>	<b>0.00</b>	<b>62.79</b>
<b>METAL</b>				
Aluminum Cans	6.09	53.90	0.00	59.99
Ferrous, Magnetic	164.07	4,451.40	0.00	4,615.47
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	0.00	732.49	0.00	732.49
<b>TOTAL METAL</b>	<b>170.16</b>	<b>5,237.94</b>	<b>0.00</b>	<b>5,408.10</b>
<b>PAPER</b>				
Cardboard	2,153.25	479.76	0.00	2,633.01
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	64.02	0.02	0.00	64.04
Office Paper	10.17	1.45	0.00	11.62
Paperboard	0.06	0.00	0.00	0.06
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	141.05	1.30	2.00	144.35
<b>TOTAL PAPER</b>	<b>2,368.55</b>	<b>482.55</b>	<b>2.00</b>	<b>2,853.10</b>
<b>PLASTIC</b>				
HDPE	0.00	0.12	0.00	0.12
LDPE	0.00	26.73	0.00	26.73
PET	0.00	0.09	0.00	0.09
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	70.48	0.53	0.00	71.01
<b>TOTAL PLASTIC</b>	<b>70.48</b>	<b>27.47</b>	<b>0.00</b>	<b>97.95</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	185.59	0.01	0.00	185.60
<b>TOTAL ORGANICS</b>	<b>185.59</b>	<b>0.02</b>	<b>0.00</b>	<b>185.61</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	177.49	5.23	0.00	182.72
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	56.48	123.87	0.00	180.35
Tires (automobiles, trucks, motorcycles)	631.00	19.40	0.00	650.40
Used Motor Oil (automobiles, trucks, motorcycles)	54.82	0.00	0.00	54.82
<b>TOTAL BANNED ITEMS</b>	<b>919.79</b>	<b>148.62</b>	<b>0.00</b>	<b>1,068.41</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.49	0.00	0.49
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	5.49	0.00	5.49
Fluorescent Bulbs	0.00	0.11	0.54	0.65
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.20	0.31
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.07	0.00	0.07
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.38	0.00	0.38
Wood Packaging (pallets, crates, barrels)	17.00	0.36	0.00	17.36
Items Not Listed Above	0.00	0.93	0.00	0.93
<b>TOTAL MISCELLANEOUS</b>	<b>17.00</b>	<b>7.96</b>	<b>0.74</b>	<b>25.70</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>38.68</b>	<b>0.00</b>	<b>38.68</b>
<b>TOTAL FOR ALL</b>	<b>3,794.12</b>	<b>5,943.47</b>	<b>2.74</b>	<b>9,740.33</b>

# LEE COUNTY

**TABLE 8.66: Lee County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
17,896	9	0	13.15	0.39	1,261.62	2.55	8,334

**TABLE 8.67: Lee County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.03	0.00	0.03
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.23</b>	<b>0.00</b>	<b>0.23</b>
<b>METAL</b>				
Aluminum Cans	0.98	1.17	0.00	2.15
Ferrous, Magnetic	0.00	0.11	0.00	0.11
Non-ferrous, Non-magnetic	0.00	0.00	24.24	24.24
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	61.47	0.69	0.00	62.16
<b>TOTAL METAL</b>	<b>62.45</b>	<b>2.12</b>	<b>24.24</b>	<b>88.81</b>
<b>PAPER</b>				
Cardboard	0.00	148.31	289.8	438.11
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	6.81	0.02	0.00	6.83
Office Paper	0.00	1.78	0.23	2.01
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.04	2.13	2.17
<b>TOTAL PAPER</b>	<b>6.81</b>	<b>150.17</b>	<b>292.16</b>	<b>449.14</b>
<b>PLASTIC</b>				
HDPE	3.36	0.04	0.00	3.40
LDPE	0.00	0.00	0.00	0.00
PET	1.32	0.04	0.00	1.36
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.59	0.43	81.84	82.86
<b>TOTAL PLASTIC</b>	<b>5.27</b>	<b>0.51</b>	<b>81.84</b>	<b>87.62</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	155.00	0.01	0.00	155.01
<b>TOTAL ORGANICS</b>	<b>155.00</b>	<b>0.02</b>	<b>0.00</b>	<b>155.02</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.03	0.00	0.03
Electronics	57.50	0.18	0.00	57.68
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	12.24	12.25	0.00	24.49
Tires (automobiles, trucks, motorcycles)	290.60	0.00	0.00	290.60
Used Motor Oil (automobiles, trucks, motorcycles)	26.01	0.00	0.00	26.01
<b>TOTAL BANNED ITEMS</b>	<b>386.35</b>	<b>12.46</b>	<b>0.00</b>	<b>398.81</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.01	0.09	0.1
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	3.90	0.13	0.00	4.03
Wood Packaging (pallets, crates, barrels)	0.00	0.01	0.00	0.01
Items Not Listed Above	0.00	0.06	66.34	66.40
<b>TOTAL MISCELLANEOUS</b>	<b>3.90</b>	<b>0.25</b>	<b>66.43</b>	<b>70.58</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>11.41</b>	<b>0.00</b>	<b>11.41</b>
<b>TOTAL FOR ALL</b>	<b>619.78</b>	<b>177.17</b>	<b>464.67</b>	<b>1,261.62</b>

# LEXINGTON COUNTY

**TABLE 8.68: Lexington County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
281,833	11	7	39.49	1.94	99,589.18	2.97	152,603

**TABLE 8.69: Lexington County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	150.24	0.25	2.00	152.49
Containers & Packaging - Clear	201.41	1.01	1.00	203.42
Containers & Packaging - Green	86.44	0.00	0.00	86.44
Containers & Packaging - Mixed	69.28	0.66	0.00	69.94
<b>TOTAL GLASS</b>	<b>507.37</b>	<b>1.92</b>	<b>3.00</b>	<b>512.29</b>
<b>METAL</b>				
Aluminum Cans	26.00	15.28	115.58	156.86
Ferrous, Magnetic	0.00	128.52	15,109.58	15,238.10
Non-ferrous, Non-magnetic	0.00	0.00	1,327.50	1,327.50
Steel Cans	0.00	19.51	7.65	27.16
Mixed Scrap Metal	779.15	3,115.67	1,437.09	5,331.91
<b>TOTAL METAL</b>	<b>805.15</b>	<b>3,278.98</b>	<b>17,997.41</b>	<b>22,081.54</b>
<b>PAPER</b>				
Cardboard	1,028.89	23,063.91	5,770.09	29,862.89
Magazines	0.00	7.74	0.50	8.24
Newspaper & Inserts	0.00	24.05	0.00	24.05
Office Paper	76.87	2,787.68	936.15	3,800.70
Paperboard	0.00	0.20	0.00	0.20
Phone Books	0.00	0.10	0.00	0.10
Mixed Paper	632.20	3,192.85	397.67	4,222.72
<b>TOTAL PAPER</b>	<b>1,737.96</b>	<b>29,076.53</b>	<b>7,104.41</b>	<b>37,918.90</b>
<b>PLASTIC</b>				
HDPE	0.00	160.99	28.70	189.69
LDPE	0.00	164.34	146.60	310.94
PET	0.00	4.01	93.30	97.31
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	2.00	0.00	2.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	247.43	68.16	1,027.43	1,343.02
<b>TOTAL PLASTIC</b>	<b>247.43</b>	<b>399.50</b>	<b>1,296.03</b>	<b>1,942.96</b>
<b>ORGANICS</b>				
Food Waste	0.00	3.01	125.00	128.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	6,682.38	28.50	0.00	6,710.88
Yard Trimmings (recycled into mulch)	1,670.59	27.00	8,304.00	10,001.59
<b>TOTAL ORGANICS</b>	<b>8,352.97</b>	<b>58.51</b>	<b>8,429.00</b>	<b>16,840.48</b>
<b>BANNED ITEMS</b>				
Appliances	1,820.94	0.59	87.95	1,909.48
Electronics	418.03	51.95	15.09	485.07
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	272.14	463.55	0.14	735.83
Tires (automobiles, trucks, motorcycles)	670.20	212.46	300.75	1,183.41
Used Motor Oil (automobiles, trucks, motorcycles)	212.32	0.00	0.00	212.32
<b>TOTAL BANNED ITEMS</b>	<b>3,393.63</b>	<b>728.55</b>	<b>403.93</b>	<b>4,526.11</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	40.71	5.90	0.00	46.61
Carpet	5.42	201.55	0.00	206.97
Carpet Padding	176.60	0.00	0.00	176.60
Cooking Oil/Grease	32.22	26.96	3.30	62.48
Fluorescent Bulbs	2.04	30.84	6.79	39.67
Household Hazardous Materials	17.48	0.00	0.00	17.48
Inkjet/Toner Cartridges	0.00	1.88	0.28	2.16
Mattresses & Box Springs	180.48	0.50	0.00	180.98
Paint	0.00	0.70	0.00	0.70
Rechargeable Batteries	0.00	2.54	1.24	3.78
Textiles (recycled - not donated for reuse)	36.32	20.39	14.30	71.01
Used Oil Filters	20.91	5.05	298.00	323.96
Wood Packaging (pallets, crates, barrels)	0.00	3,198.20	2,259.25	5,457.45
Items Not Listed Above	14.13	48.78	260.44	323.35
<b>TOTAL MISCELLANEOUS</b>	<b>526.31</b>	<b>3,543.29</b>	<b>2,843.60</b>	<b>6,913.20</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>6,753.58</b>	<b>2,084.73</b>	<b>15.40</b>	<b>8,853.71</b>
<b>TOTAL FOR ALL</b>	<b>22,324.40</b>	<b>39,172.00</b>	<b>38,092.79</b>	<b>99,589.19</b>

# MARION COUNTY

**TABLE 8.70: Marion County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
31,747	2	0	8.53	0.33	1,914.17	3.54	20,520

**TABLE 8.71: Marion County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	0.00	1.16	0.00	1.16
Ferrous, Magnetic	0.00	0.96	0.00	0.96
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	0.00	1.28	0.00	1.28
<b>TOTAL METAL</b>	<b>0.00</b>	<b>3.56</b>	<b>0.00</b>	<b>3.56</b>
<b>PAPER</b>				
Cardboard	21.60	388.23	10.00	409.83
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	2.64	0.00	2.64
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.14	0.00	0.14
<b>TOTAL PAPER</b>	<b>21.60</b>	<b>391.03</b>	<b>10.00</b>	<b>422.63</b>
<b>PLASTIC</b>				
HDPE	0.00	278.20	0.00	278.20
LDPE	0.00	13.74	0.00	13.74
PET	0.00	66.12	0.00	66.12
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	161.00	0.00	161.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	90.24	0.00	90.24
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>609.30</b>	<b>0.00</b>	<b>609.30</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	0.00	0.22	0.00	0.22
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	24.47	60.87	0.00	85.34
Tires (automobiles, trucks, motorcycles)	189.20	13.09	0.00	202.29
Used Motor Oil (automobiles, trucks, motorcycles)	63.40	0.00	0.00	63.40
<b>TOTAL BANNED ITEMS</b>	<b>277.07</b>	<b>74.49</b>	<b>0.00</b>	<b>351.34</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	365.40	0.00	365.40
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	5.34	0.00	5.34
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.03	0.00	0.03
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	20.63	0.00	20.63
Wood Packaging (pallets, crates, barrels)	0.00	0.05	100.00	100.05
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>391.75</b>	<b>100.00</b>	<b>491.75</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>35.30</b>	<b>0.27</b>	<b>0.00</b>	<b>35.57</b>
<b>TOTAL FOR ALL</b>	<b>333.97</b>	<b>1,470.42</b>	<b>110.00</b>	<b>1,914.39</b>

# MARLBORO COUNTY

**TABLE 8.72: Marlboro County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,494	10	0	27.51	0.92	4,594.93	2.41	12,106

**TABLE 8.73: Marlboro County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>METAL</b>				
Aluminum Cans	3.15	1.15	0.00	4.30
Ferrous, Magnetic	0.00	0.96	222.00	222.96
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	0.00	1.10	0.00	1.10
<b>TOTAL METAL</b>	<b>3.15</b>	<b>3.37</b>	<b>222.00</b>	<b>228.52</b>
<b>PAPER</b>				
Cardboard	0.00	484.67	109.00	593.67
Magazines	0.00	0.21	0.00	0.21
Newspaper & Inserts	0.00	0.11	0.00	0.11
Office Paper	0.00	2.11	579.00	581.11
Paperboard	0.00	0.00	28.60	28.60
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.10	238.80	238.90
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>487.20</b>	<b>955.40</b>	<b>1,442.60</b>
<b>PLASTIC</b>				
HDPE	0.00	0.14	1.20	1.34
LDPE	0.00	8.47	0.00	8.47
PET	0.00	0.08	0.00	0.08
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.96	0.19	73.00	75.15
<b>TOTAL PLASTIC</b>	<b>1.96</b>	<b>8.88</b>	<b>74.20</b>	<b>85.04</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	2,581.00	0.00	0.00	2,581.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>2,581.00</b>	<b>0.01</b>	<b>0.00</b>	<b>2,581.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	0.00	1.08	0.60	1.68
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	20.39	23.12	1.56	45.07
Tires (automobiles, trucks, motorcycles)	157.60	0.14	0.00	157.74
Used Motor Oil (automobiles, trucks, motorcycles)	5.13	0.00	0.00	5.13
<b>TOTAL BANNED ITEMS</b>	<b>183.12</b>	<b>24.43</b>	<b>2.16</b>	<b>209.71</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.25	0.00	0.25
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	5.30	0.00	5.30
Fluorescent Bulbs	0.00	0.09	0.10	0.19
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.33	0.35
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.08	0.08
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.20	0.63	0.83
Wood Packaging (pallets, crates, barrels)	0.00	0.00	20.00	20.00
Items Not Listed Above	0.00	0.04	21.00	21.04
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>5.91</b>	<b>42.14</b>	<b>48.05</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>TOTAL FOR ALL</b>	<b>2,769.23</b>	<b>529.80</b>	<b>1,295.90</b>	<b>4,594.93</b>

# McCORMICK COUNTY

**TABLE 8.74: McCormick County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
9,706	4	0	27.53	0.88	1,553.44	2.31	4,089

**TABLE 8.75: McCormick County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	2.21	0.39	0.00	2.60
Ferrous, Magnetic	0.00	5.04	0.00	5.04
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	18.75	0.00	18.75
Mixed Scrap Metal	117.63	63.41	0.00	181.04
<b>TOTAL METAL</b>	<b>119.84</b>	<b>87.59</b>	<b>0.00</b>	<b>207.43</b>
<b>PAPER</b>				
Cardboard	51.45	175.92	0.00	227.37
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	22.27	0.00	0.00	22.27
Office Paper	0.00	1.30	0.00	1.30
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	56.97	14.69	0.00	71.66
<b>TOTAL PAPER</b>	<b>130.69</b>	<b>191.91</b>	<b>0.00</b>	<b>322.60</b>
<b>PLASTIC</b>				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	15.54	0.00	0.00	15.54
Mixed Plastic	0.00	4.84	0.00	4.84
<b>TOTAL PLASTIC</b>	<b>15.54</b>	<b>4.85</b>	<b>0.00</b>	<b>20.39</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	2.63	0.22	0.00	2.85
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	927.60	0.45	0.00	928.05
Tires (automobiles, trucks, motorcycles)	44.77	1.40	0.00	46.17
Used Motor Oil (automobiles, trucks, motorcycles)	14.14	0.00	0.00	14.14
<b>TOTAL BANNED ITEMS</b>	<b>989.14</b>	<b>2.16</b>	<b>0.00</b>	<b>991.30</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.49	0.00	0.49
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.33	0.00	0.33
Fluorescent Bulbs	0.00	0.09	0.00	0.09
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	8.06	0.00	8.06
Used Oil Filters	0.83	0.38	0.00	1.21
Wood Packaging (pallets, crates, barrels)	0.00	0.20	0.00	0.20
Items Not Listed Above	0.00	0.92	0.00	0.92
<b>TOTAL MISCELLANEOUS</b>	<b>0.83</b>	<b>10.60</b>	<b>0.00</b>	<b>11.43</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.27</b>	<b>0.00</b>	<b>0.27</b>
<b>TOTAL FOR ALL</b>	<b>1,256.04</b>	<b>484.60</b>	<b>0.00</b>	<b>1,740.64</b>



# NEWBERRY COUNTY

**TABLE 8.76: Newberry County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
38,012	12	0	28.88	2.30	15,921.01	5.65	39,212

**TABLE 8.77: Newberry County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	81.66	0.04	0.00	81.70
<b>TOTAL GLASS</b>	<b>81.66</b>	<b>0.24</b>	<b>0.00</b>	<b>81.90</b>
<b>METAL</b>				
Aluminum Cans	4.77	0.54	0.00	5.31
Ferrous, Magnetic	0.00	5.15	473.09	478.24
Non-ferrous, Non-magnetic	0.00	0.00	5.00	5.00
Steel Cans	0.00	0.15	5.35	5.50
Mixed Scrap Metal	343.27	45.64	360.46	749.37
<b>TOTAL METAL</b>	<b>348.04</b>	<b>51.48</b>	<b>843.9</b>	<b>1,243.42</b>
<b>PAPER</b>				
Cardboard	66.01	925.51	2,011.33	3,002.85
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	0.00	0.07	0.00	0.07
Office Paper	0.00	15.34	22.81	38.15
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	35.76	2,040.94	0.00	2,076.70
<b>TOTAL PAPER</b>	<b>101.77</b>	<b>2,981.88</b>	<b>2,034.14</b>	<b>5,117.79</b>
<b>PLASTIC</b>				
HDPE	0.00	0.29	33.56	33.85
LDPE	0.00	16.64	7.99	24.63
PET	0.00	0.19	0.00	0.19
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	27.92	0.00	0.00	27.92
Mixed Plastic	0.00	2.57	413.25	415.82
<b>TOTAL PLASTIC</b>	<b>27.92</b>	<b>19.69</b>	<b>454.80</b>	<b>502.41</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	2,553.15	2,553.16
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	3,347.60	0.01	0.00	3,347.61
<b>TOTAL ORGANICS</b>	<b>3,347.60</b>	<b>0.02</b>	<b>2,553.15</b>	<b>5,900.77</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	128.04	1.67	3.11	132.82
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	31.55	39.55	0.00	71.10
Tires (automobiles, trucks, motorcycles)	346.30	316.63	290.75	953.68
Used Motor Oil (automobiles, trucks, motorcycles)	27.80	0.00	0.00	27.80
<b>TOTAL BANNED ITEMS</b>	<b>533.69</b>	<b>357.97</b>	<b>293.86</b>	<b>1,185.52</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.62	0.49	1.11
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.93	2.92	0.00	4.85
Fluorescent Bulbs	0.00	0.16	1.51	1.67
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.25	0.25
Rechargeable Batteries	0.00	0.10	0.16	0.25
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.58	0.63	97.5	99.71
Wood Packaging (pallets, crates, barrels)	0.00	92.21	1,296.99	1,389.20
Items Not Listed Above	0.00	0.93	0.00	0.93
<b>TOTAL MISCELLANEOUS</b>	<b>3.51</b>	<b>97.70</b>	<b>1,396.90</b>	<b>1,498.11</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>379.32</b>	<b>11.78</b>	<b>0.00</b>	<b>391.10</b>
<b>TOTAL FOR ALL</b>	<b>4,823.51</b>	<b>3,520.75</b>	<b>7,576.75</b>	<b>15,921.01</b>

# OCONEE COUNTY

**TABLE 8.78: Oconee County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
75,713	12	2	24.26	1.18	16,284.21	3.68	50,828

**TABLE 8.79: Oconee County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	96.97	0.09	0.00	97.06
Containers & Packaging - Clear	141.00	0.07	0.00	141.07
Containers & Packaging - Green	151.75	0.04	0.00	151.79
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>389.72</b>	<b>0.24</b>	<b>0.00</b>	<b>389.96</b>
<b>METAL</b>				
Aluminum Cans	18.75	0.36	16.89	36.00
Ferrous, Magnetic	0.00	14.96	333.01	347.97
Non-ferrous, Non-magnetic	0.00	0.00	50.00	50.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	827.02	32.23	232.97	1,092.22
<b>TOTAL METAL</b>	<b>845.77</b>	<b>47.71</b>	<b>632.87</b>	<b>1,526.35</b>
<b>PAPER</b>				
Cardboard	1,077.74	3,361.11	1,950.75	6,389.60
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	210.61	0.02	150.00	360.63
Office Paper	0.00	9.75	0.88	10.63
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.03	0.00	0.03
Mixed Paper	500.58	15.26	18.79	534.63
<b>TOTAL PAPER</b>	<b>1,788.93</b>	<b>3,386.19</b>	<b>2,120.42</b>	<b>7,295.54</b>
<b>PLASTIC</b>				
HDPE	0.00	0.13	0.00	0.13
LDPE	0.00	18.69	0.63	19.32
PET	0.00	0.07	0.42	0.49
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	115.86	0.97	3.75	120.58
<b>TOTAL PLASTIC</b>	<b>115.86</b>	<b>19.86</b>	<b>4.80</b>	<b>140.52</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	4,206.89	5.01	0.00	4,211.90
<b>TOTAL ORGANICS</b>	<b>4,206.89</b>	<b>5.02</b>	<b>0.00</b>	<b>4,211.91</b>
<b>BANNED ITEMS</b>				
Appliances	10.80	0.66	0.00	11.46
Electronics	0.00	0.23	2.25	2.47
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	33.29	93.08	2.42	128.79
Tires (automobiles, trucks, motorcycles)	866.96	198.50	3.68	1,069.14
Used Motor Oil (automobiles, trucks, motorcycles)	198.61	0.00	0.00	198.61
<b>TOTAL BANNED ITEMS</b>	<b>1,109.66</b>	<b>292.47</b>	<b>8.35</b>	<b>1,410.47</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	3.93	15.20	0.00	19.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	56.52	1.66	4.84	63.02
Fluorescent Bulbs	0.00	0.04	3.43	3.47
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	1.58	0.13	1.00	2.71
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.60	0.73	0.03	1.36
Textiles (recycled - not donated for reuse)	131.06	0.01	0.00	131.07
Used Oil Filters	11.70	0.88	4.37	16.95
Wood Packaging (pallets, crates, barrels)	31.75	159.06	753.61	944.42
Items Not Listed Above	38.14	1.37	72.00	111.51
<b>TOTAL MISCELLANEOUS</b>	<b>275.27</b>	<b>179.09</b>	<b>839.28</b>	<b>1,293.65</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>15.81</b>	<b>0.00</b>	<b>15.81</b>
<b>TOTAL FOR ALL</b>	<b>8,732.10</b>	<b>3,946.38</b>	<b>3,605.71</b>	<b>16,284.19</b>

# ORANGEBURG COUNTY

**TABLE 8.80: Orangeburg County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
89,208	21	1	15.29	0.59	9,527.03	3.24	52,788

**TABLE 8.81: Orangeburg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	0.00	0.04	0.00	0.04
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.24</b>
<b>METAL</b>				
Aluminum Cans	0.00	1.28	0.00	1.28
Ferrous, Magnetic	0.00	0.11	1,308.00	1,308.11
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	509.58	109.11	195.28	813.97
<b>TOTAL METAL</b>	<b>509.58</b>	<b>110.65</b>	<b>1503.28</b>	<b>2,123.51</b>
<b>PAPER</b>				
Cardboard	180.16	2,680.77	31.72	2,892.65
Magazines	0.00	0.02	2.10	2.12
Newspaper & Inserts	21.95	0.02	1.75	23.72
Office Paper	0.00	52.28	10.45	62.73
Paperboard	0.00	0.00	1.05	1.05
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	5.47	1.75	7.22
<b>TOTAL PAPER</b>	<b>202.11</b>	<b>2,738.56</b>	<b>48.82</b>	<b>2,989.49</b>
<b>PLASTIC</b>				
HDPE	0.55	1.09	5.60	7.24
LDPE	0.00	20.23	0.00	20.23
PET	0.00	0.22	4.90	5.12
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	201.3	0.00	201.30
<b>TOTAL PLASTIC</b>	<b>0.55</b>	<b>222.84</b>	<b>10.50</b>	<b>233.89</b>
<b>ORGANICS</b>				
Food Waste	0.00	39.81	0.00	39.81
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>39.82</b>	<b>0.00</b>	<b>39.82</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.12	0.00	0.12
Electronics	170.77	0.22	1,201.00	1371.99
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	81.55	147.34	0.00	228.89
Tires (automobiles, trucks, motorcycles)	961.52	82.51	0.00	1,044.03
Used Motor Oil (automobiles, trucks, motorcycles)	105.27	0.00	0.00	105.27
<b>TOTAL BANNED ITEMS</b>	<b>1,319.11</b>	<b>230.19</b>	<b>1,201.00</b>	<b>2,750.30</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	1.15	0.00	1.15
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	20.09	0.00	20.09
Fluorescent Bulbs	0.00	2.08	1.35	3.43
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	67.4	67.51
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.25	0.00	0.25
Rechargeable Batteries	0.00	0.14	0.00	1.14
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.44	2.96	3.40
Wood Packaging (pallets, crates, barrels)	0.00	998.98	56.63	1,055.61
Items Not Listed Above	0.00	0.12	164.62	164.74
<b>TOTAL MISCELLANEOUS</b>	<b>0.00</b>	<b>1,023.38</b>	<b>293.96</b>	<b>1,317.34</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>37.91</b>	<b>34.53</b>	<b>72.44</b>
<b>TOTAL FOR ALL</b>	<b>2,031.35</b>	<b>4,403.59</b>	<b>3,092.09</b>	<b>9,527.03</b>

# PICKENS COUNTY

**TABLE 8.82: Pickens County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
121,691	9	8	24.86	0.84	18,667.76	2.54	56,436

**TABLE 8.83: Pickens County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	68.09	0.09	0.00	68.18
Containers & Packaging - Clear	77.20	0.07	0.00	77.27
Containers & Packaging - Green	71.13	0.04	0.00	71.17
Containers & Packaging - Mixed	0.10	49.20	0.00	49.30
<b>TOTAL GLASS</b>	<b>216.52</b>	<b>49.40</b>	<b>0.00</b>	<b>265.92</b>
<b>METAL</b>				
Aluminum Cans	8.50	8.46	0.00	16.96
Ferrous, Magnetic	0.00	14.96	45.11	60.07
Non-ferrous, Non-magnetic	0.00	0.00	121.12	121.12
Steel Cans	0.00	2.82	0.00	2.82
Mixed Scrap Metal	1,586.28	144.71	7.75	1,738.74
<b>TOTAL METAL</b>	<b>1,594.78</b>	<b>170.95</b>	<b>173.98</b>	<b>1,939.71</b>
<b>PAPER</b>				
Cardboard	1,610.74	1,861.87	133.45	3,606.06
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	593.71	0.02	0.00	593.73
Office Paper	0.00	170.07	0.00	170.07
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.03	0.00	0.03
Mixed Paper	0.00	199.55	0.16	199.71
<b>TOTAL PAPER</b>	<b>2,204.45</b>	<b>2,231.56</b>	<b>133.61</b>	<b>4,569.62</b>
<b>PLASTIC</b>				
HDPE	36.20	0.34	0.00	36.54
LDPE	0.00	41.81	0.00	41.81
PET	40.10	0.17	0.03	40.30
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	21.05	0.00	0.00	21.05
Mixed Plastic	0.00	59.59	8.67	68.26
<b>TOTAL PLASTIC</b>	<b>97.35</b>	<b>101.91</b>	<b>8.70</b>	<b>207.96</b>
<b>ORGANICS</b>				
Food Waste	0.00	271.36	0.00	271.36
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	1,230.59	0.00	1,230.59
Yard Trimmings (recycled into mulch)	5,377.55	5.01	0.00	5,382.56
<b>TOTAL ORGANICS</b>	<b>5,377.55</b>	<b>1,506.96</b>	<b>0.00</b>	<b>6,884.51</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.66	0.00	0.66
Electronics	326.14	26.51	1.20	353.86
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	108.21	123.29	0.08	231.58
Tires (automobiles, trucks, motorcycles)	1,258.23	54.90	0.00	1,313.13
Used Motor Oil (automobiles, trucks, motorcycles)	92.45	0.00	0.00	92.45
<b>TOTAL BANNED ITEMS</b>	<b>1,785.03</b>	<b>205.36</b>	<b>1.28</b>	<b>1,991.68</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	1.20	0.70	0.00	1.90
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	16.10	12.72	0.00	28.82
Fluorescent Bulbs	0.00	3.91	0.71	4.62
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	2.35	0.00	2.35
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.33	0.03	0.36
Textiles (recycled - not donated for reuse)	0.00	0.01	679.05	679.06
Used Oil Filters	12.10	400.95	0.00	413.05
Wood Packaging (pallets, crates, barrels)	0.00	293.46	97.00	390.46
Items Not Listed Above	0.00	3.85	0.16	4.01
<b>TOTAL MISCELLANEOUS</b>	<b>29.40</b>	<b>718.29</b>	<b>776.95</b>	<b>1,524.63</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,183.93</b>	<b>99.79</b>	<b>0.00</b>	<b>1,283.72</b>
<b>TOTAL FOR ALL</b>	<b>12,489.01</b>	<b>5,084.23</b>	<b>1,094.52</b>	<b>18,667.76</b>

# RICHLAND COUNTY

**TABLE 8.84: Richland County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
407,051	9	5	24.45	1.03	76,861.13	3.20	237,489

**TABLE 8.85: Richland County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.38	17.75	0.00	18.13
Containers & Packaging - Clear	2.09	0.02	0.00	2.11
Containers & Packaging - Green	3.67	0.00	0.00	3.67
Containers & Packaging - Mixed	154.47	9.28	0.05	163.80
<b>TOTAL GLASS</b>	<b>160.61</b>	<b>27.05</b>	<b>0.05</b>	<b>187.71</b>
<b>METAL</b>				
Aluminum Cans	13.53	459.94	5.67	479.14
Ferrous, Magnetic	14.91	5,700.00	570.82	6285.73
Non-ferrous, Non-magnetic	72.84	0.00	10.69	83.53
Steel Cans	0.00	19.78	93.25	113.03
Mixed Scrap Metal	1,215.28	430.33	11.71	1,657.32
<b>TOTAL METAL</b>	<b>1,316.56</b>	<b>6,610.05</b>	<b>692.14</b>	<b>8,618.75</b>
<b>PAPER</b>				
Cardboard	174.29	21,024.49	76.02	21,274.80
Magazines	11.10	2.52	0.00	13.62
Newspaper & Inserts	164.60	1,150.94	0.00	1,315.54
Office Paper	2.38	2,031.06	49.36	2,082.81
Paperboard	0.00	12.68	0.00	12.68
Phone Books	0.00	1,000.07	0.00	1,000.07
Mixed Paper	8.45	4,965.25	9.19	4,982.89
<b>TOTAL PAPER</b>	<b>360.82</b>	<b>30,187.01</b>	<b>134.58</b>	<b>30,682.41</b>
<b>PLASTIC</b>				
HDPE	7.74	2.36	0.00	10.10
LDPE	0.00	123.57	0.00	123.57
PET	0.00	1.47	2.61	4.08
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	10.64	0.00	0.00	10.64
Mixed Plastic	1.17	247.75	32.60	281.51
<b>TOTAL PLASTIC</b>	<b>19.55</b>	<b>375.15</b>	<b>35.21</b>	<b>429.90</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	2,757.80	0.00	0.00	2,757.80
<b>TOTAL ORGANICS</b>	<b>2,757.80</b>	<b>0.01</b>	<b>0.00</b>	<b>2,757.81</b>
<b>BANNED ITEMS</b>				
Appliances	43.05	5,671.70	0.27	5,715.02
Electronics	565.01	540.47	14.17	1,119.65
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	342.57	968.37	9.47	1,320.41
Tires (automobiles, trucks, motorcycles)	3,739.50	179.99	292.32	4,211.81
Used Motor Oil (automobiles, trucks, motorcycles)	122.55	0.00	0.00	122.55
<b>TOTAL BANNED ITEMS</b>	<b>4,812.68</b>	<b>7,360.53</b>	<b>316.23</b>	<b>12,489.44</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	3.10	0.02	3.12
Carpet	18.99	0.00	0.00	18.99
Carpet Padding	13.31	0.00	0.00	13.31
Cooking Oil/Grease	9.44	37.11	0.00	46.55
Fluorescent Bulbs	0.76	8.46	2.34	11.56
Household Hazardous Materials	23.01	0.00	0.00	23.01
Inkjet/Toner Cartridges	0.19	9.58	0.01	9.78
Mattresses & Box Springs	176.95	0.00	0.00	176.95
Paint	0.00	2.34	0.00	2.34
Rechargeable Batteries	0.00	5.76	0.23	5.99
Textiles (recycled - not donated for reuse)	127.14	8.24	0.00	135.38
Used Oil Filters	3.84	3.15	105.10	112.09
Wood Packaging (pallets, crates, barrels)	0.00	807.43	46.55	853.98
Items Not Listed Above	0.00	32.43	29.19	61.62
<b>TOTAL MISCELLANEOUS</b>	<b>373.63</b>	<b>917.60</b>	<b>183.44</b>	<b>1,474.66</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>19,482.74</b>	<b>700.18</b>	<b>37.52</b>	<b>20,220.44</b>
<b>TOTAL FOR ALL</b>	<b>28,924.39</b>	<b>46,177.53</b>	<b>1,399.16</b>	<b>76,501.13</b>

# SALUDA COUNTY

**TABLE 8.86: Saluda County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
20,053	7	1	8.19	0.22	794.98	2.44	8,916

**TABLE 8.87: Saluda County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	2.54	0.35	0.00	2.89
Ferrous, Magnetic	0.00	5.04	0.00	5.04
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.15	0.00	0.15
Mixed Scrap Metal	218.39	24.07	0.00	242.46
<b>TOTAL METAL</b>	<b>220.93</b>	<b>29.61</b>	<b>0.00</b>	<b>250.54</b>
<b>PAPER</b>				
Cardboard	70.38	63.64	0.00	134.02
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	44.75	0.00	0.00	44.75
Office Paper	0.00	1.30	0.00	1.30
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	71.48	0.12	0.00	71.60
<b>TOTAL PAPER</b>	<b>186.61</b>	<b>65.06</b>	<b>0.00</b>	<b>251.67</b>
<b>PLASTIC</b>				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	25.13	0.00	0.00	25.13
Mixed Plastic	0.00	0.06	0.00	0.06
<b>TOTAL PLASTIC</b>	<b>25.13</b>	<b>0.07</b>	<b>0.00</b>	<b>25.20</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	8.34	0.22	0.00	8.56
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	16.70	16.38	0.00	33.08
Tires (automobiles, trucks, motorcycles)	167.11	1.40	0.00	168.51
Used Motor Oil (automobiles, trucks, motorcycles)	35.51	0.00	0.00	35.51
<b>TOTAL BANNED ITEMS</b>	<b>236.00</b>	<b>18.31</b>	<b>0.00</b>	<b>245.75</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.49	0.00	0.49
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.03	0.00	0.03
Fluorescent Bulbs	0.00	0.09	0.00	0.09
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.00	0.00	0.00
Used Oil Filters	1.37	0.38	0.00	1.75
Wood Packaging (pallets, crates, barrels)	0.00	0.20	0.00	0.20
Items Not Listed Above	0.00	0.91	0.00	0.91
<b>TOTAL MISCELLANEOUS</b>	<b>1.37</b>	<b>2.23</b>	<b>0.00</b>	<b>3.60</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>17.93</b>	<b>0.27</b>	<b>0.00</b>	<b>18.20</b>
<b>TOTAL FOR ALL</b>	<b>679.63</b>	<b>115.35</b>	<b>0.00</b>	<b>794.98</b>



# SPARTANBURG COUNTY

**TABLE 8.88: Spartanburg County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
297,302	18	2	23.44	1.89	102,632.99	6.18	335,307

**TABLE 8.89: Spartanburg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.09	0.00	0.09
Containers & Packaging - Clear	0.00	0.07	0.00	0.07
Containers & Packaging - Green	0.00	0.04	0.00	0.04
Containers & Packaging - Mixed	47.24	1,207.22	129.23	1,383.69
<b>TOTAL GLASS</b>	<b>47.24</b>	<b>1,207.42</b>	<b>129.23</b>	<b>1,383.89</b>
<b>METAL</b>				
Aluminum Cans	0.00	4.15	319.49	323.64
Ferrous, Magnetic	0.00	7,072.08	4,063.29	11,135.37
Non-ferrous, Non-magnetic	0.00	31.22	301.25	332.47
Steel Cans	0.00	18.76	938.42	957.18
Mixed Scrap Metal	1,764.67	809.55	346.68	2,920.90
<b>TOTAL METAL</b>	<b>1,764.67</b>	<b>7,935.76</b>	<b>5,969.12</b>	<b>15,669.55</b>
<b>PAPER</b>				
Cardboard	72.23	28,833.18	7,582.18	36,487.59
Magazines	0.00	2.64	0.10	2.74
Newspaper & Inserts	0.00	2.72	0.00	2.72
Office Paper	0.00	1,007.86	0.86	1,008.72
Paperboard	0.00	2.30	0.00	2.30
Phone Books	0.00	2.39	0.05	2.44
Mixed Paper	3,031.17	2,297.67	12,265.08	17,593.92
<b>TOTAL PAPER</b>	<b>3,103.40</b>	<b>32,148.76</b>	<b>19,848.27</b>	<b>55,100.43</b>
<b>PLASTIC</b>				
HDPE	0.00	2.03	0.00	2.03
LDPE	0.00	66.04	0.00	66.04
PET	0.00	5.98	0.00	5.98
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	988.53	1,133.46	2,121.99
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>1,062.58</b>	<b>1,133.46</b>	<b>2,196.04</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.02	0.00	0.02
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	67.79	0.00	67.79
Yard Trimmings (recycled into mulch)	4,270.00	15.84	0.00	4,285.84
<b>TOTAL ORGANICS</b>	<b>4,270.00</b>	<b>83.65</b>	<b>0.00</b>	<b>4,353.65</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.15	0.00	0.15
Electronics	538.83	630.19	591.34	1,760.36
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	255.69	323.96	198.47	778.12
Tires (automobiles, trucks, motorcycles)	2,884.34	123.47	139.04	3,146.85
Used Motor Oil (automobiles, trucks, motorcycles)	169.07	0.00	0.00	169.07
<b>TOTAL BANNED ITEMS</b>	<b>3,847.93</b>	<b>1,077.77</b>	<b>928.85</b>	<b>5,854.55</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	11.10	2.43	8.38	21.91
Carpet	0.00	120.00	0.00	120.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	17.10	12.58	0.00	29.68
Fluorescent Bulbs	0.43	8.18	8.00	16.60
Household Hazardous Materials	20.75	0.00	0.00	20.75
Inkjet/Toner Cartridges	0.00	0.67	0.06	0.73
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	15.00	1.60	0.00	16.60
Rechargeable Batteries	0.00	2.99	3.36	6.35
Textiles (recycled - not donated for reuse)	0.00	8.06	151.02	159.08
Used Oil Filters	6.10	0.75	0.03	6.88
Wood Packaging (pallets, crates, barrels)	0.00	700.38	6,698.11	7,398.49
Items Not Listed Above	0.00	80.56	101.05	181.61
<b>TOTAL MISCELLANEOUS</b>	<b>70.48</b>	<b>938.23</b>	<b>6,969.98</b>	<b>7,978.69</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,725.35</b>	<b>2,670.91</b>	<b>4,699.90</b>	<b>10,096.16</b>
<b>TOTAL FOR ALL</b>	<b>15,829.07</b>	<b>47,125.08</b>	<b>39,678.8</b>	<b>102,632.95</b>

# SUMTER COUNTY

**TABLE 8.90: Sumter County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
107,480	9	1	24.51	1.00	19,556.13	3.07	60,228

**TABLE 8.91: Sumter County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	55.37	0.09	0.00	55.46
Containers & Packaging - Clear	11.92	0.07	0.00	11.99
Containers & Packaging - Green	55.37	0.04	0.00	55.41
Containers & Packaging - Mixed	507.54	0.04	0.00	507.58
<b>TOTAL GLASS</b>	<b>630.20</b>	<b>0.24</b>	<b>0.00</b>	<b>630.44</b>
<b>METAL</b>				
Aluminum Cans	116.95	6.52	0.00	123.47
Ferrous, Magnetic	0.00	0.13	436.40	436.53
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	97.90	0.15	5.35	103.40
Mixed Scrap Metal	4,652.30	48.30	1.55	4702.15
<b>TOTAL METAL</b>	<b>4,867.15</b>	<b>55.10</b>	<b>443.30</b>	<b>5365.55</b>
<b>PAPER</b>				
Cardboard	2,867.96	1,324.34	1.90	4,194.20
Magazines	0.00	0.72	0.00	0.72
Newspaper & Inserts	440.02	0.62	0.00	440.64
Office Paper	105.12	3.11	0.00	108.23
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.02	0.00	0.02
Mixed Paper	1,510.60	4.00	0.50	1,515.10
<b>TOTAL PAPER</b>	<b>4,923.70</b>	<b>1,332.81</b>	<b>2.40</b>	<b>6,258.91</b>
<b>PLASTIC</b>				
HDPE	87.52	0.48	0.00	88.00
LDPE	0.00	31.04	0.00	31.04
PET	140.74	0.59	0.00	141.33
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	94.22	0.00	0.00	94.22
Mixed Plastic	101.80	1.21	0.93	103.94
<b>TOTAL PLASTIC</b>	<b>424.28</b>	<b>33.32</b>	<b>0.93</b>	<b>458.53</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	535.90	0.00	0.00	535.90
Yard Trimmings (recycled into compost)	209.37	0.00	0.00	209.37
Yard Trimmings (recycled into mulch)	0.00	0.01	0.00	0.01
<b>TOTAL ORGANICS</b>	<b>745.27</b>	<b>0.02</b>	<b>0.00</b>	<b>745.29</b>
<b>BANNED ITEMS</b>				
Appliances	3,490.80	0.12	0.00	3,490.92
Electronics	272.48	0.22	3.11	275.81
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	119.71	83.39	0.00	203.10
Tires (automobiles, trucks, motorcycles)	1,252.97	45.35	290.75	1,589.07
Used Motor Oil (automobiles, trucks, motorcycles)	71.52	0.00	0.00	71.52
<b>TOTAL BANNED ITEMS</b>	<b>5,207.48</b>	<b>129.08</b>	<b>293.86</b>	<b>5,630.42</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	8.60	0.15	0.00	8.75
Carpet	0.00	0.02	0.00	0.02
Carpet Padding	0.00	0.01	0.00	0.01
Cooking Oil/Grease	8.91	2.88	0.00	11.79
Fluorescent Bulbs	5.52	0.18	0.39	6.09
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.88	0.12	0.00	1.00
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.01	0.00	0.01
Rechargeable Batteries	0.00	0.47	0.00	0.47
Textiles (recycled - not donated for reuse)	87.20	0.02	0.00	87.22
Used Oil Filters	13.10	0.27	97.50	110.87
Wood Packaging (pallets, crates, barrels)	0.00	218.25	19.60	237.85
Items Not Listed Above	0.00	0.37	0.81	1.18
<b>TOTAL MISCELLANEOUS</b>	<b>124.21</b>	<b>222.76</b>	<b>118.30</b>	<b>465.27</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>1.72</b>	<b>0.00</b>	<b>1.72</b>
<b>TOTAL FOR ALL</b>	<b>16,922.29</b>	<b>1,775.04</b>	<b>858.79</b>	<b>19,556.12</b>

# UNION COUNTY

**TABLE 8.92: Union County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,777	10	0	13.77	0.49	2,475.81	3.06	15,502

**TABLE 8.93: Union County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.31	0.00	0.31
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.31</b>	<b>0.00</b>	<b>0.31</b>
<b>METAL</b>				
Aluminum Cans	0.00	3.11	0.00	3.11
Ferrous, Magnetic	0.00	5.95	0.00	5.95
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.17	0.00	0.17
Mixed Scrap Metal	0.00	8.55	0.00	8.55
<b>TOTAL METAL</b>	<b>0.00</b>	<b>17.78</b>	<b>0.00</b>	<b>17.78</b>
<b>PAPER</b>				
Cardboard	382.79	1,246.36	0.00	1,629.15
Magazines	0.00	0.32	0.00	0.32
Newspaper & Inserts	0.00	0.40	0.00	0.40
Office Paper	8.05	10.84	0.00	18.89
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	0.63	0.00	0.63
<b>TOTAL PAPER</b>	<b>390.84</b>	<b>1,258.62</b>	<b>0.00</b>	<b>1,649.46</b>
<b>PLASTIC</b>				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	2.65	0.00	2.65
PET	0.00	0.02	0.00	0.02
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.20	0.00	0.20
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>2.91</b>	<b>0.00</b>	<b>2.91</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.02	0.00	0.02
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	10.83	0.00	10.83
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>10.85</b>	<b>0.00</b>	<b>10.85</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.66	0.00	0.66
Electronics	80.40	1.45	0.00	81.85
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	20.39	27.12	0.00	47.51
Tires (automobiles, trucks, motorcycles)	277.63	1.82	0.00	279.45
Used Motor Oil (automobiles, trucks, motorcycles)	12.77	0.00	0.00	12.77
<b>TOTAL BANNED ITEMS</b>	<b>391.19</b>	<b>31.05</b>	<b>0.00</b>	<b>422.24</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.33	0.00	0.33
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.61	3.89	0.00	5.50
Fluorescent Bulbs	0.00	0.35	0.00	0.35
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.27	0.00	0.27
Mattresses & Box Springs	0.00	0.02	0.00	0.02
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.79	0.44	0.00	1.23
Wood Packaging (pallets, crates, barrels)	0.00	0.50	0.00	0.50
Items Not Listed Above	0.00	0.17	0.00	0.17
<b>TOTAL MISCELLANEOUS</b>	<b>2.40</b>	<b>6.00</b>	<b>0.00</b>	<b>8.40</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>293.71</b>	<b>70.15</b>	<b>0.00</b>	<b>363.86</b>
<b>TOTAL FOR ALL</b>	<b>1,078.14</b>	<b>1,397.64</b>	<b>0.00</b>	<b>2,475.78</b>

# WILLIAMSBURG COUNTY

**TABLE 8.94: Williamsburg County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
32,535	20	2	11.96	0.18	1,095.02	1.36	8,064

**TABLE 8.95: Williamsburg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.00	0.00	0.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.01	0.00	0.01
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>METAL</b>				
Aluminum Cans	1.50	1.39	0.00	2.89
Ferrous, Magnetic	0.00	7.21	0.00	7.21
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.00	0.16
Mixed Scrap Metal	48.90	1.28	0.00	50.18
<b>TOTAL METAL</b>	<b>50.40</b>	<b>10.04</b>	<b>0.00</b>	<b>60.44</b>
<b>PAPER</b>				
Cardboard	201.82	313.16	0.00	514.98
Magazines	0.00	0.02	0.00	0.02
Newspaper & Inserts	89.00	0.00	0.00	89.00
Office Paper	0.00	3.62	0.00	3.62
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.50	0.00	0.50
Mixed Paper	0.00	7.57	0.00	7.57
<b>TOTAL PAPER</b>	<b>290.82</b>	<b>324.87</b>	<b>0.00</b>	<b>615.69</b>
<b>PLASTIC</b>				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.05	0.00	0.05
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>0.06</b>	<b>0.00</b>	<b>0.06</b>
<b>ORGANICS</b>				
Food Waste	0.00	0.01	0.00	0.01
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
<b>TOTAL ORGANICS</b>	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	<b>0.01</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.09	0.00	0.09
Electronics	140.64	0.22	0.00	140.86
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	24.47	25.05	0.00	49.52
Tires (automobiles, trucks, motorcycles)	189.20	0.23	0.00	189.43
Used Motor Oil (automobiles, trucks, motorcycles)	1.00	1.00	0.00	1.00
<b>TOTAL BANNED ITEMS</b>	<b>355.31</b>	<b>25.59</b>	<b>0.00</b>	<b>380.90</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.40	0.00	0.40
Carpet	2.00	0.00	0.00	2.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.03	0.00	0.03
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.36	0.00	0.36
Mattresses & Box Springs	15.00	0.00	0.00	15.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled - not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.27	0.00	0.27
Wood Packaging (pallets, crates, barrels)	14.79	0.05	0.00	14.84
Items Not Listed Above	0.00	0.10	0.00	0.10
<b>TOTAL MISCELLANEOUS</b>	<b>31.79</b>	<b>1.32</b>	<b>0.00</b>	<b>33.11</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>4.80</b>	<b>0.00</b>	<b>4.80</b>
<b>TOTAL FOR ALL</b>	<b>728.32</b>	<b>366.70</b>	<b>0.00</b>	<b>1,095.02</b>

# YORK COUNTY

**TABLE 8.96: York County MSW Summary**

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
251,195	17	5	25.93	1.21	55,274.14	3.44	157,883

**TABLE 8.97: York County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	175.58	2.36	0.99	178.93
Containers & Packaging - Clear	257.84	2.43	0.99	261.26
Containers & Packaging - Green	162.81	1.29	0.99	165.09
Containers & Packaging - Mixed	0.00	3.01	1.43	4.44
<b>TOTAL GLASS</b>	<b>596.23</b>	<b>9.08</b>	<b>4.40</b>	<b>609.71</b>
<b>METAL</b>				
Aluminum Cans	19.52	14.06	107.75	141.32
Ferrous, Magnetic	0.00	5.61	9,013.75	9,019.36
Non-ferrous, Non-magnetic	0.94	1.50	74.81	77.25
Steel Cans	52.34	0.15	58.60	111.09
Mixed Scrap Metal	2,561.38	105.44	507.60	3,174.42
<b>TOTAL METAL</b>	<b>2,634.18</b>	<b>126.76</b>	<b>9,762.51</b>	<b>12,523.45</b>
<b>PAPER</b>				
Cardboard	3,475.93	4,662.10	1,516.16	9,654.19
Magazines	0.00	12.00	1.10	13.10
Newspaper & Inserts	576.83	7.45	0.00	584.28
Office Paper	0.00	33.07	103.91	136.98
Paperboard	0.00	6.09	0.03	6.12
Phone Books	0.00	7.47	1.31	8.78
Mixed Paper	975.17	54.91	7.88	1,037.96
<b>TOTAL PAPER</b>	<b>5,027.93</b>	<b>4,783.09</b>	<b>1,630.38</b>	<b>11,441.40</b>
<b>PLASTIC</b>				
HDPE	14.74	2.09	2.56	19.38
LDPE	0.00	181.70	364.08	545.78
PET	25.09	3.47	36.40	64.96
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.99	0.08	1.07
Commingled PET & HDPE	0.00	4.39	1.98	6.37
Mixed Plastic	0.00	66.06	244.31	310.37
<b>TOTAL PLASTIC</b>	<b>39.83</b>	<b>258.69</b>	<b>649.40</b>	<b>947.91</b>
<b>ORGANICS</b>				
Food Waste	0.00	2.98	0.00	2.98
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	13,007.96	34.11	0.00	13,042.07
<b>TOTAL ORGANICS</b>	<b>13,007.96</b>	<b>37.09</b>	<b>0.00</b>	<b>13,045.05</b>
<b>BANNED ITEMS</b>				
Appliances	36.74	0.12	0.00	36.86
Electronics	847.27	10.58	4.39	862.24
Lead-acid Batteries (automobiles, trucks, motorcycles - small sealed lead-acid batteries)	213.82	238.40	56.81	509.03
Tires (automobiles, trucks, motorcycles)	2,413.98	255.93	1,217.47	3,887.38
Used Motor Oil (automobiles, trucks, motorcycles)	135.49	0.00	0.00	135.49
<b>TOTAL BANNED ITEMS</b>	<b>3,647.30</b>	<b>505.03</b>	<b>1,278.67</b>	<b>5,431.00</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	9.41	14.76	913.72	937.89
Carpet	426.40	0.00	0.00	426.40
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	21.55	69.56	2.59	93.70
Fluorescent Bulbs	10.95	6.00	4.10	21.05
Household Hazardous Materials	3.51	0.00	0.00	3.51
Inkjet/Toner Cartridges	0.03	7.25	3.72	11.00
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	82.61	1.49	15.93	100.03
Rechargeable Batteries	1.43	4.89	2.05	8.37
Textiles (recycled - not donated for reuse)	36.35	0.01	21.60	57.96
Used Oil Filters	8.45	18.47	1,230.24	1,257.16
Wood Packaging (pallets, crates, barrels)	0.00	739.85	1,612.06	2,351.91
Items Not Listed Above	0.00	0.17	18.86	19.03
<b>TOTAL MISCELLANEOUS</b>	<b>600.69</b>	<b>862.45</b>	<b>3,824.87</b>	<b>5,288.00</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>4,554.64</b>	<b>1,376.67</b>	<b>56.26</b>	<b>5,987.57</b>
<b>TOTAL FOR ALL</b>	<b>30,108.76</b>	<b>7,958.84</b>	<b>17,206.49</b>	<b>55,274.09</b>

# Disposal



The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-10 et seq. – and subsequent regulation (R.61-107.19) require permitted private and public solid waste landfills to annually report the amount and type of solid waste disposed of to the S.C. Department of Health and Environmental Control (DHEC).

This section focuses on disposal of both municipal solid waste (MSW) and total solid waste (TSW) as defined on page 2. As required by the Act (Section 44-96-50), the focus of this report is on MSW.

In fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016) there were 378 solid waste facilities operating under the authority of 15 types of permits in South Carolina. (See Section 10 for a complete list of facilities.) Of that total number of facilities, 156 were landfills. There are three landfill classifications – each of which accepts specific material. See Table 9.1.

## Key Disposal Indicators from FY16

The amount of material disposed of in Class 1 landfills increased 1.5 percent (1,035 tons) in FY16 – rising to 69,241 tons. See Table 9.13 for Class 1 FY16 disposal totals by county. The amount of C&D debris and certain industrial waste disposed of in Class 2 landfills decreased by less than 1 percent (5,196 tons) to 3,062,192 tons in FY16. See Table 9.14 for a list of Class 2 landfills including permitted annual disposal, FY16 disposal and estimated remaining life.

Of the 27 Class 3 landfills, 11 are publicly owned and 16 are privately owned. (See the map on page 89.) The privately owned landfills include seven industrial landfills

**South Carolina disposed of 3,231,592 tons of MSW in FY16 – an increase of 5 percent (more than 155,000 tons) from FY15.**

(i.e., non-commercial). See Table 9.7 for a complete list of Class 3 landfills including permitted annual rate of disposal, FY16 disposal and estimated remaining life.

South Carolinians disposed of 3,231,592 tons of MSW in FY16 – an increase of 5 percent (more than 155,000 tons) from the previous FY. On average, each South Carolinian disposed of about 3.6 pounds of MSW per day – a slight increase from the previous FY.

## Import and Export of Solid Waste

The amount of out-of-state solid waste disposed of in South Carolina in FY16 was 691,801 tons – an increase of 5.4 percent from the previous FY. (See Chart 9.4.) Overall, this represents about 8.2 percent of the total amount of solid waste disposed of in the state.

TABLE 9.1: S.C. Landfill Classifications

TYPE	NUMBER OF FACILITIES IN FY16	MATERIAL ACCEPTED
Class 1	39	Land-clearing debris
Class 2	90	Construction and demolition (C&D) debris
Class 3	27	MSW, C&D debris and industrial solid waste

TABLE 9.2: S.C. Waste Disposed of by FY

	FY12	FY13	FY14	FY15	FY16
MSW Disposed of in Tons	2,935,876	2,985,852	3,067,942	3,058,338	3,213,592
MSW Disposed of in p/p/d	3.4	3.5	3.5	3.5	3.6
TSW Disposed of in Tons	7,696,559	7,906,522	7,918,780	8,317,621	8,376,283
TSW Disposed of in p/p/d	9.0	9.2	9.1	9.4	9.4



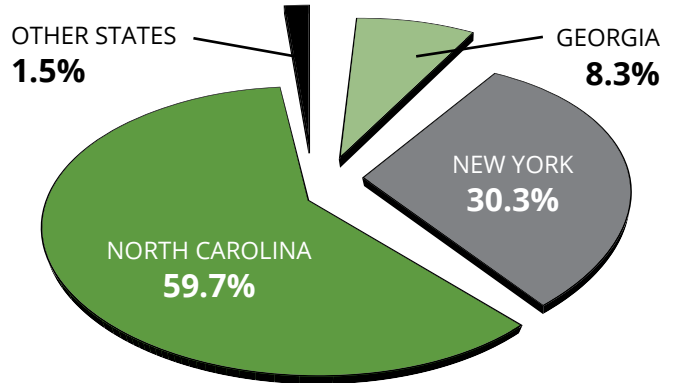
In FY16, the vast majority of out-of-state solid waste was disposed of in three Class 3 landfills – Lee County Landfill, Richland Landfill and Upstate Regional Landfill. (See Table 9.6.) Most of the solid waste imported into South Carolina during FY16 was from North Carolina and New York. Those two states combined for 90 percent (more than 622,620 tons) of the total amount of solid waste imported to South Carolina. (See Chart 9.3 and Table 9.6.)

Also see Table 9.6 for amounts of out-of-state waste imported into the state through processing facilities. By attributing this waste to the state of origin rather than the processing facility's county, a more accurate representation of out-of-state waste disposed of in South Carolina landfills is provided.

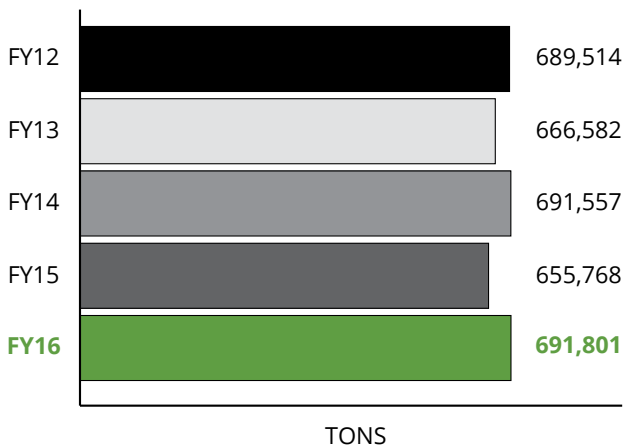
South Carolina exported 108,782 tons of solid waste in FY16 – a decrease of 45 percent from the previous FY (91,382 tons). This number can vary by year depending on the number of out-of-state landfills that report. Fifteen counties (Anderson, Charleston, Cherokee, Chester, Chesterfield, Darlington, Florence, Greenville, Greenwood,

Lancaster, Marlboro, Oconee, Pickens, Spartanburg and York) accounted for all of the exported waste, sent to Georgia and North Carolina landfills. (See Chart 9.5.)

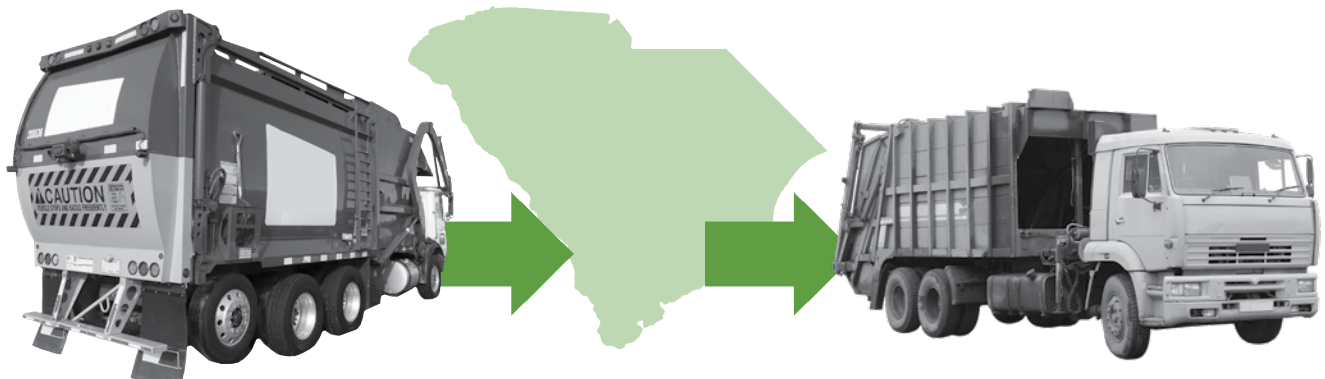
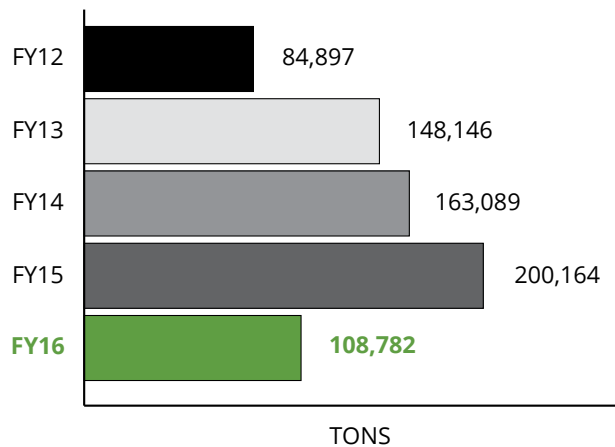
**CHART 9.3: Percentage of All Solid Waste Imported into South Carolina by State in FY16**



**CHART 9.4: Solid Waste Imported into South Carolina**



**CHART 9.5: Solid Waste Exported from South Carolina**



**IMPORTED**  
**691,801 tons**

**EXPORTED**  
**108,782 tons**

## Tipping Fees

The amount charged to dispose of solid waste at a landfill – were taken from landfill reports submitted to DHEC.

While tipping fee data is incomplete (only a portion of the facilities reported tipping fees), the average tipping fee for Class 1 disposal was \$21 – up \$4 from the previous FY. The average tipping fee for Class 2 disposal was \$28 in FY16 – up \$1 from the previous FY. In addition, the average Class 3 Landfill tipping fee was \$41 per ton in FY16 – up \$1 from the previous FY.



**TABLE 9.6: Solid Waste Imported into South Carolina in Tons in FY16**

	HICKORY HILL LANDFILL Jasper County	LEE COUNTY LANDFILL Lee County	NORTHEAST LANDFILL Richland County	OAKRIDGE LANDFILL Dorchester County	PALMETTO LANDFILL Spartanburg County	RICHLAND LANDFILL Richland County	THREE RIVERS SWA <sup>1</sup> LANDFILL Aiken County	TWIN CHIMNEYS LANDFILL Greenville County	UPSTATE REGIONAL LANDFILL Union County	TOTAL IMPORTED SOLID WASTE DISPOSED OF IN S.C. LANDFILLS
Georgia	1,827	0	7	2,587	0	4,935	13,878	12	0	23,246
New York	0	210,065	0	0	0	3	0	0	0	210,068
North Carolina	352	942	347	1,274	12,108	124,013	0	47,576	201,675	388,287
Miscellaneous from Processing Facilities <sup>2</sup>	0	0	0	4,069	0	6,362	0	0	0	10,431
<b>TOTAL IMPORTED WASTE DISPOSED OF IN CLASS 3 LANDFILLS</b>	<b>2,179</b>	<b>211,007</b>	<b>354</b>	<b>7,930</b>	<b>12,108</b>	<b>135,313</b>	<b>13,878</b>	<b>47,588</b>	<b>201,675</b>	<b>632,032</b>
Total Imported Waste Disposal of in Class 1 & 2 Landfills <sup>3</sup>	0	0	0	0	0	0	0	0	0	59,769
<b>TOTAL WASTE FROM OUT OF STATE</b>										<b>691,801</b>

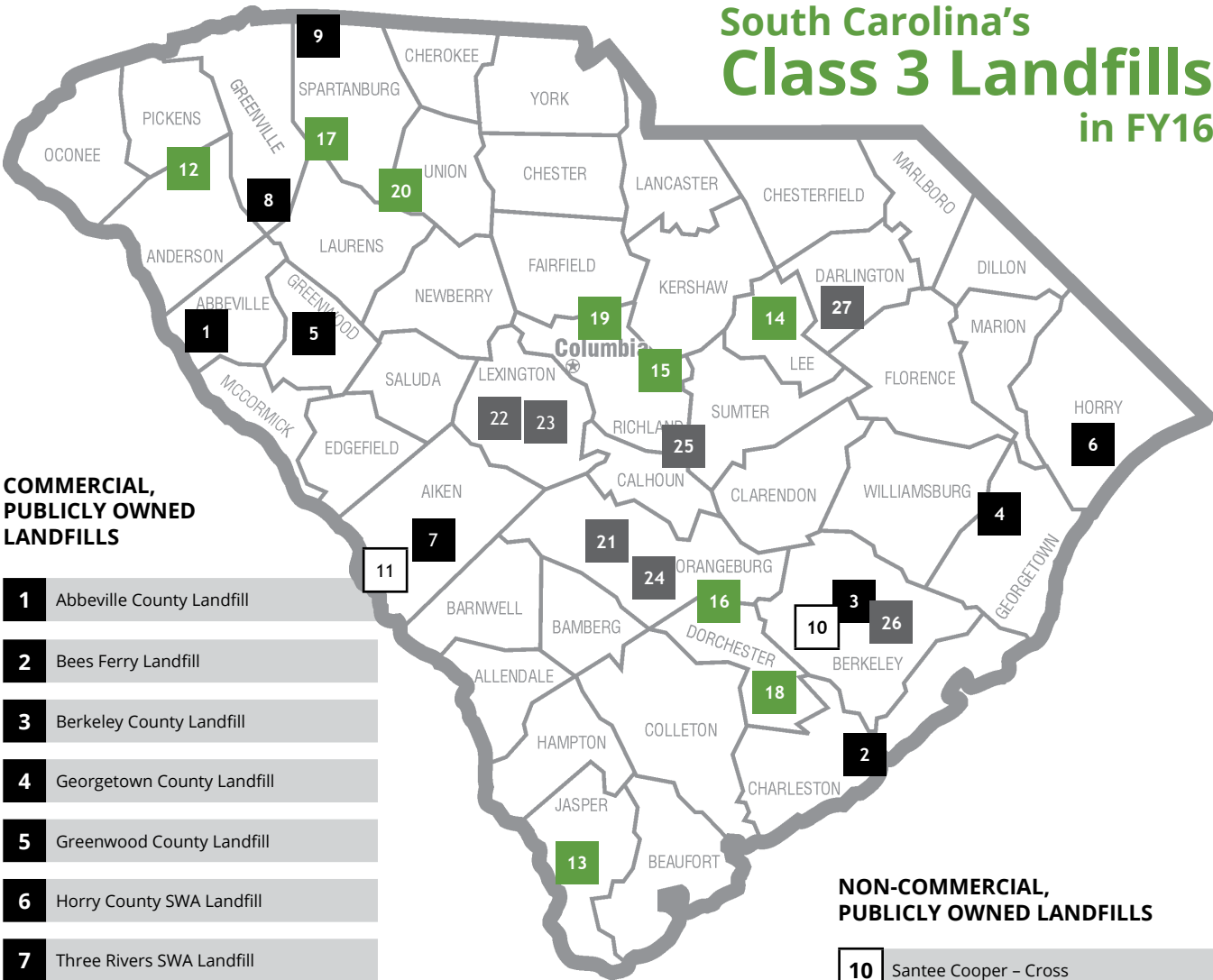
1. Solid Waste Authority

2. Miscellaneous from Processing Facilities represents solid waste that went through processing facilities from various states and disposed of in Class 3 landfills.

3. Waste imported from Georgia and North Carolina.

**NOTE:** Some totals may not add up due to rounding.

# South Carolina's Class 3 Landfills in FY16



### COMMERCIAL, PUBLICLY OWNED LANDFILLS

- 1** Abbeville County Landfill
- 2** Bees Ferry Landfill
- 3** Berkeley County Landfill
- 4** Georgetown County Landfill
- 5** Greenwood County Landfill
- 6** Horry County SWA Landfill
- 7** Three Rivers SWA Landfill
- 8** Twin Chimneys Landfill

- 9** Wellford Landfill

### NON-COMMERCIAL, PUBLICLY OWNED LANDFILLS

- 10** Santee Cooper - Cross
- 11** Savannah River Site Z-Area Landfill

### COMMERCIAL, PRIVATELY OWNED LANDFILLS

- 12** Anderson Regional Landfill
- 13** Hickory Hill Landfill
- 14** Lee County Landfill LLC
- 15** Northeast Landfill LLC
- 16** Oakridge Landfill
- 17** Palmetto Landfill
- 18** Pepperhill Landfill
- 19** Richland Landfill
- 20** Upstate Regional Landfill

### NON-COMMERCIAL, PRIVATELY OWNED LANDFILLS<sup>1</sup>

- 21** Albemarle Corp. Landfill
- 22** CMC Landfill 1601
- 23** CMC Landfill 1602
- 24** SCE&G - Cope
- 25** SCE&G - Wateree Landfill
- 26** SCE&G - Williams Hwy. 52 Landfill
- 27** Sonoco Products

1. Non-commercial landfills are defined by regulation as facilities that only manage the solid waste generated in the course of normal operations on property under the same ownership or control as the facility itself (i.e., "on site"). For more information, see Section 10.

**TABLE 9.7: Class 3 Remaining Capacity & Disposal in Tons**

NAME OF CLASS 3 LANDFILL	COUNTY	LANDFILL OWNERSHIP	PERMITTED ANNUAL RATE OF DISPOSAL	FY16 DISPOSAL	ESTIMATED REMAINING CAPACITY OF FACILITY (TONS)	ESTIMATED REMAINING LIFE OF FACILITY BASED ON PERMITTED DISPOSAL RATE IN YEARS	ESTIMATED REMAINING LIFE OF FACILITY BASED ON CURRENT DISPOSAL RATE IN YEARS
<b>COMMERCIALY OWNED LANDFILLS</b>							
Abbeville County Landfill	Abbeville	Public	46,000	14,141	954,759	20.8	67.5
Anderson Regional Landfill	Anderson	Private	438,000	347,828	6,241,144	14.2	17.9
Bees Ferry Landfill (Charleston)	Charleston	Public	316,709	173,020	5,009,029	15.8	29.0
Berkeley County Landfill	Berkeley	Public	1,000,000	214,209	2,109,440	2.1	9.8
Georgetown County Landfill	Georgetown	Public	79,582	72,296	398,830	5.0	5.5
Greenwood County Landfill	Greenwood	Public	150,000	74,269	1,737,756	11.6	23.4
Hickory Hill Landfill	Jasper	Private	302,000	186,797	1,291,530	4.3	6.9
Horry County SWA Landfill	Horry	Public	300,000	258,503	8,699,294	29.0	33.7
Lee County Landfill LLC	Lee	Private	1,944,939	441,945	22,123,508	11.4	50.1
Northeast Landfill LLC	Richland	Private	529,600	144,716	5,295,067	10.0	36.6
Oakridge Landfill	Dorchester	Private	1,144,000	567,631	1,640,400	1.4	2.9
Palmetto Landfill	Spartanburg	Private	1,200,000	34,706			
Pepperhill Landfill	Dorchester	Private	214,500	51	352,184	1.6	6,971.2
Richland Landfill	Richland	Private	1,138,209	1,038,862	32,236,989	28.3	31.0
Three Rivers SWA Landfill	Aiken	Public	500,000	248,017	34,309,198	68.6	138.3
Twin Chimneys Landfill	Greenville	Public	500,000	387,590	30,328,964	60.7	78.3
Upstate Regional Landfill	Union	Private	910,000	817,863	59,450,584	65.3	72.7
Wellford Landfill	Spartanburg	Public	260,000	144,611	428,236	1.6	3.0
<b>STATE TOTALS</b>			<b>10,973,539</b>	<b>5,167,051</b>	<b>212,606,912</b>	<b>19.3</b>	<b>41.1</b>
<b>NON-COMMERCIAL PUBLICLY OWNED LANDFILLS</b>							
Santee Cooper Cross	Berkeley	Public	1,615,000	48,684	N/A	N/A	N/A
SRS Z-Area	Aiken	Public		17,840	N/A	N/A	N/A
<b>STATE TOTALS</b>				<b>66,524</b>			
<b>NON-COMMERCIAL PRIVATELY OWNED LANDFILLS</b>							
CMC - 1601	Lexington	Private	N/A	N/A	N/A	N/A	N/A
CMC - 1602	Lexington	Private	150,000	55,997	1,477,989	9.9	26.4
SCE&G Cope	Orangeburg	Private	350,000	166,111	N/A	N/A	N/A
SCE&G-Wateree	Richland	Private	3,000,000		N/A	N/A	N/A
SCE&G-Williams Hwy. 52	Berkeley	Private	500,000	81,347	N/A	N/A	N/A
SI Group	Orangeburg	Private		19,545	249,167	N/A	12.7
Sonoco Products	Darlington	Private	60,000	600	N/A	N/A	N/A
<b>STATE TOTALS</b>			<b>210,000</b>	<b>323,600</b>	<b>1,727,156</b>		

**TABLE 9.8: Class 3 Landfill Disposal Trends in Tons, FY12 to FY16**

<b>CLASS 3 LANDFILL</b>	<b>COUNTY</b>	<b>LANDFILL OWNERSHIP</b>	<b>FY12</b>	<b>FY13</b>	<b>FY14</b>	<b>FY15</b>	<b>FY16</b>
Abbeville County Landfill	Abbeville	Public	17,118	16,898	13,631	13,696	14,141
Anderson Regional Landfill	Anderson	Private	205,313	194,645	238,576	252,574	347,828
Bees Ferry Landfill	Charleston	Public	147,544	148,320	151,169	173,584	173,020
Berkeley County Landfill	Berkeley	Public	193,151	205,235	187,726	202,496	214,209
CMC 1601	Lexington	Private	100,057	49,424	0	0	0
CMC 1602	Lexington	Private	--	--	27,029	57,346	55,997
Georgetown County Landfill	Georgetown	Public	54,511	59,860	66,603	70,141	72,296
Greenwood County Landfill	Greenwood	Public	65,095	73,833	61,576	72,467	74,269
Hickory Hill Landfill	Jasper	Private	188,677	179,367	177,410	189,961	186,797
Horry County SWA Landfill	Horry	Public	222,341	225,602	232,627	239,529	258,503
Lee County Landfill LLC	Lee	Private	475,898	424,023	471,058	428,789	441,945
Northeast Landfill LLC	Richland	Private	187,259	170,299	144,625	173,209	144,716
Oakridge Landfill	Dorchester	Private	794,144	564,571	535,444	740,505	567,631
Palmetto Landfill	Spartanburg	Private	291,086	272,441	219,884	125,258	34,706
Pepperhill Landfill	Dorchester	Private	47	49	53	43	51
Richland Landfill	Richland	Private	895,005	944,580	931,247	954,404	1,038,862
Santee Cooper - Cross	Berkeley	Public	--	--	0	0	48,684
SCE&G - Cope	Orangeburg	Private	--	--	226,334	97,582	166,111
SCE&G - Wateree Landfill	Richland	Private	88,783	159,431	133,949	254,639	--
SCE&G - Williams Hwy. 52 Landfill	Berkeley	Private	46,771	80,334	63,906	63,476	81,347
SI Group Landfill	Orangeburg	Private	20,249	3,430	17,056	15,888	19,545
Sonoco Products	Darlington	Private	--	--	--	0	600
Savannah River Site Z-Area Landfill	Aiken	Public	11,633	24,685	9,845	14,044	17,840
Three Rivers SWA Landfill	Aiken	Public	267,144	236,917	239,697	254,936	248,017
Twin Chimneys Landfill	Greenville	Public	228,793	260,528	340,714	334,095	387,590
Upstate Regional Landfill	Union	Private	793,012	712,390	690,772	758,132	817,863
Wellford Landfill	Spartanburg	Public	110,958	112,856	117,022	126,523	144,611

**NOTE:** This table only includes Class 3 landfills that were active in FY16.

**TABLE 9.9: Disposal at Commercial and Non-Commercial Class 3 Landfills in Tons**

COUNTY OR STATE OF ORIGIN	ABBEVILLE COUNTY LANDFILL	ALBEMARLE CORP. LANDFILL	ANDERSON REGIONAL LANDFILL	BEE'S FERRY LANDFILL	BERKELEY COUNTY LANDFILL	CMC 1601	CMC 1602	GEORGETOWN COUNTY LANDFILL	GREENWOOD COUNTY LANDFILL	HICKORY HILL LANDFILL	HORRY COUNTY SWA LANDFILL	LEE COUNTY LANDFILL LLC	NORTHEAST LANDFILL LLC	OAKRIDGE LANDFILL	PALMETTO LANDFILL
Abbeville	13,047	0	5	0	0	0	0	0	0	0	0	0	0	25	0
Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0
Allendale	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0
Anderson	1,055	0	100,968	0	0	0	0	0	0	0	0	0	0	0	22,476
Bamberg	0	0	0	0	0	0	0	0	0	0	0	0	0	226	0
Barnwell	0	0	0	0	0	0	0	0	0	13	0	0	0	4,713	0
Beaufort	0	0	0	0	0	0	0	0	0	157,813	0	0	0	11	0
Berkeley	0	0	0	6	173,314	0	0	0	0	0	0	0	0	94,597	0
Calhoun	0	0	0	0	0	0	0	0	0	0	0	0	7,558	0	0
Charleston	0	0	0	173,007	40,569	0	0	0	0	686	0	0	81	246,783	0
Cherokee	0	0	0	0	0	0	0	0	0	0	0	0	0	18	0
Chester	0	0	0	0	0	0	0	0	0	0	0	280	396	1,093	0
Chesterfield	0	0	0	0	0	0	0	0	0	0	0	5,793	0	0	0
Clarendon	0	0	0	0	0	0	0	0	0	0	0	482	0	39	0
Colleton	0	0	0	0	5	0	0	0	0	167	0	0	0	70,102	0
Darlington	0	0	0	0	0	0	0	0	0	0	0	42,423	16	1	0
Dillon	0	0	0	0	0	0	0	0	0	0	0	20,621	0	18	0
Dorchester	0	0	0	6	184	0	0	0	0	0	0	0	0	124,224	0
Edgefield	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fairfield	0	0	0	0	0	0	0	0	0	0	0	9	3,992	0	0
Florence	0	0	0	0	0	0	0	0	0	0	0	34,791	11	7	0
Georgetown	0	0	0	0	0	0	0	72,296	0	18	0	37	0	2,335	0
Greenville	0	0	161,097	0	0	0	0	0	0	0	0	10,705	0	164	0
Greenwood	15	0	4,293	0	0	0	0	0	74,269	0	0	0	127	19	0
Hampton	0	0	0	0	0	0	0	0	0	10,446	0	0	0	0	0
Horry	0	0	0	0	2	0	0	0	0	0	258,503	125	0	28	0
Jasper	0	0	0	0	0	0	0	0	0	15,471	0	0	0	8	0
Kershaw	0	0	0	0	0	0	0	0	0	0	0	11,441	5,204	16	0
Lancaster	0	0	0	0	0	0	0	0	0	0	0	33,083	106	28	0
Laurens	0	0	157	0	0	0	0	0	0	0	0	0	0	21	0
Lee	0	0	0	0	0	0	0	0	0	0	0	13,934	4	0	0
Lexington	0	0	0	0	0	0	55,997	0	0	0	0	17	46,422	58	0
Marion	0	0	0	0	0	0	0	0	0	0	0	15,219	0	2	0
Marlboro	0	0	0	0	0	0	0	0	0	0	0	19,898	0	70	0
McCormick	25	0	0	0	0	0	0	0	0	0	0	0	6	0	0
Newberry	0	0	8	0	0	0	0	0	0	0	0	0	967	0	0
Oconee	0	0	4,055	0	0	0	0	0	0	0	0	0	2	0	0
Orangeburg	0	19,545	0	0	3	0	0	0	0	0	0	0	17,909	9,579	0
Pickens	0	0	3,569	0	0	0	0	0	0	0	0	0	0	30	0
Richland	0	0	0	0	0	0	0	0	0	0	0	21	60,965	729	0
Saluda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spartanburg	0	0	73,676	0	0	0	0	0	0	0	0	4	0	87	123
Sumter	0	0	0	0	0	0	0	0	0	0	0	21,779	33	220	0
Union	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Williamsburg	0	0	0	0	132	0	0	0	0	0	0	278	0	4,361	0
York	0	0	0	0	0	0	0	0	0	0	0	0	565	83	0
<b>S.C. COUNTIES TOTAL ONLY</b>	<b>14,141</b>	<b>19,545</b>	<b>347,828</b>	<b>173,020</b>	<b>214,208</b>	<b>0</b>	<b>55,997</b>	<b>72,296</b>	<b>74,269</b>	<b>184,618</b>	<b>258,503</b>	<b>230,938</b>	<b>144,362</b>	<b>559,701</b>	<b>22,598</b>
Georgia	0	0	0	0	0	0	0	0	1,827	0	0	0	7	2,587	0
New York	0	0	0	0	0	0	0	0	0	0	0	210,065	0	0	0
North Carolina	0	0	0	0	0	0	0	0	0	352	0	942	347	1,274	12,108
Miscellaneous From Processing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	4,069	0
<b>OUT-OF-STATE TOTAL ONLY</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,179</b>	<b>0</b>	<b>211,007</b>	<b>353</b>	<b>7,930</b>	<b>12,108</b>
<b>TOTAL WASTE DISPOSED OF AT FACILITY</b>	<b>14,141</b>	<b>19,545</b>	<b>347,828</b>	<b>173,020</b>	<b>214,208</b>	<b>55,997</b>	<b>0</b>	<b>72,296</b>	<b>186,797</b>	<b>184,618</b>	<b>258,503</b>	<b>441,945</b>	<b>144,716</b>	<b>559,701</b>	<b>22,598</b>

Continued on the following page



**TABLE 9.9: Disposal at Commercial and Non-Commercial Class 3 Landfills in Tons (continued)**

COUNTY OR STATE OF ORIGIN	PEPPERHILL LANDFILL	RICHLAND LANDFILL	SANTEE COOPER - CROSS LANDFILL	SCE&G - COPE LANDFILL	SCE&G - WATEREE LANDFILL	SCE&G - WILLIAMS HWY. 52 LANDFILL	SAVANNAH RIVER SITE Z-AREA LANDFILL	SONOCO PRODUCTS	THREE RIVERS SWA LANDFILL	TWIN CHIMNEYS LANDFILL	UPSTATE REGIONAL LANDFILL	WELLFORD LANDFILL	TOTAL AMOUNT OF SOLID WASTE DISPOSED OF IN CLASS 3 LANDFILLS	S.C. SOLID WASTE EXPORTED FOR DISPOSAL OUT OF STATE
Abbeville	0	85	0	0	0	0	0	0	2,534	0	0	15,695	0	
Aiken	0	32	0	0	0	9	17,840	0	123,972	629	9	142,487	0	
Allendale	0	0	0	0	0	0	0	0	7,242	0	0	7,248	0	
Anderson	0	199	0	0	0	0	0	0	16,171	31,049	0	171,918	10,270	
Bamberg	0	77	0	0	0	0	0	0	9,583	27	0	9,913	0	
Barnwell	0	300	0	0	0	0	0	0	14,553	5	0	19,583	0	
Beaufort	0	23	0	0	0	0	0	0	0	27	0	157,874	0	
Berkeley	0	121	48,684	0	0	81,347	0	0	0	54	0	349,439	0	
Calhoun	0	4,793	0	0	0	0	0	0	4,662	0	0	17,013	0	
Charleston	51	635	0	0	0	0	0	0	81	0	0	461,894	947	
Cherokee	0	11	0	0	0	0	0	0	620	54,739	0	55,388	345	
Chester	0	19,907	0	0	0	0	0	0	54	14,239	0	35,970	1,701	
Chesterfield	0	4,861	0	0	0	0	0	0	27	0	0	10,682	13,424	
Clarendon	0	12,502	0	0	0	0	0	0	0	0	0	13,023	0	
Colleton	0	84	0	0	0	0	0	0	0	0	0	70,357	0	
Darlington	0	2,466	0	0	0	2	0	600	0	20	2	44,928	684	
Dillon	0	198	0	0	0	0	0	0	0	0	0	20,836	0	
Dorchester	0	675	0	0	0	0	0	0	27	0	0	125,117	0	
Edgefield	0	45	0	0	0	0	0	0	12,666	4,238	0	16,949	0	
Fairfield	0	21,410	0	0	0	0	0	0	0	2	0	25,412	0	
Florence	0	91,402	0	0	0	0	0	0	108	0	0	126,318	1,169	
Georgetown	0	9	0	0	0	0	0	0	27	0	0	74,721	0	
Greenville	0	902	0	0	0	0	0	0	204,953	167,797	0	545,618	0	
Greenwood	0	267	0	0	0	0	0	0	11,258	6,626	0	96,873	550	
Hampton	0	0	0	0	0	0	0	0	0	0	0	10,446	0	
Horry	0	202	0	0	0	0	0	0	24	1	0	258,885	0	
Jasper	0	7	0	0	0	0	0	0	0	0	0	15,486	0	
Kershaw	0	29,934	0	0	0	0	0	0	135	0	0	46,730	0	
Lancaster	0	1,056	0	0	0	0	0	0	161	775	0	35,209	6,662	
Laurens	0	409	0	0	0	0	0	0	8,189	32,380	0	41,155	0	
Lee	0	70,202	0	0	0	0	0	0	0	0	0	84,141	0	
Lexington	0	180,172	0	0	0	0	0	0	51	27	2,667	285,411	0	
Marion	0	7,451	0	0	0	0	0	0	0	0	0	22,671	0	
Marlboro	0	728	0	0	0	0	0	0	27	0	0	20,723	504	
McCormick	0	43	0	0	0	0	0	0	3,031	1,118	461	4,684	0	
Newberry	0	1,734	0	0	0	0	0	0	617	50,286	0	53,611	0	
Oconee	0	2	0	0	0	0	0	0	11,580	11,533	0	27,172	41,228	
Orangeburg	0	3,932	0	166,111	0	0	0	0	49,541	81	0	100,589	0	
Pickens	0	134	0	0	0	0	0	0	44,669	7,926	0	56,328	5,229	
Richland	0	251,732	0	0	0	0	0	0	229	0	0	568,315	0	
Saluda	0	49	0	0	0	0	0	0	8,840	87	310	9,286	0	
Spartanburg	0	738	0	0	0	0	0	0	31,754	205,336	144,611	456,328	10	
Sumter	0	53,024	0	0	0	0	0	0	202	0	0	75,257	0	
Union	0	0	0	0	0	0	0	0	54	18,045	0	18,099	0	
Williamsburg	0	4,205	0	0	0	0	0	0	0	0	0	8,976	0	
York	0	136,790	0	0	0	0	0	0	188	12,007	0	149,633	26,058	
<b>S.C. COUNTIES TOTAL ONLY</b>	<b>51</b>	<b>903,548</b>	<b>17,840</b>	<b>166,111</b>	<b>0</b>	<b>81,347</b>	<b>17,840</b>	<b>600</b>	<b>234,140</b>	<b>340,002</b>	<b>616,187</b>	<b>144,611</b>	<b>4,964,388</b>	<b>108,782</b>
Georgia	0	4,935	0	0	0	0	0	0	13,878	12	0	0	23,246	0
New York	0	3	0	0	0	0	0	0	0	0	0	0	210,068	0
North Carolina	0	124,013	0	0	0	0	0	0	0	47,567	201,675	0	388,287	0
Miscellaneous From Processing Facilities	0	6,362	0	0	0	0	0	0	0	0	0	0	10,431	0
<b>OUT-OF-STATE TOTAL ONLY</b>	<b>0</b>	<b>135,313</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,878</b>	<b>47,588</b>	<b>201,675</b>	<b>0</b>	<b>632,032</b>	<b>0</b>
<b>TOTAL WASTE DISPOSED OF AT FACILITY</b>	<b>51</b>	<b>1,038,862</b>	<b>17,840</b>	<b>234,140</b>	<b>0</b>	<b>81,347</b>	<b>17,840</b>	<b>600</b>	<b>248,017</b>	<b>387,590</b>	<b>817,863</b>	<b>144,611</b>	<b>5,613,316</b>	<b>108,782</b>

\*This amount includes 128 tons exported to Georgia that is not listed by county.

**TABLE 9.10: TSW Disposal in Commercial and Non-Commercial Class 3 Landfills by Type of Waste in Tons**

COUNTY	MSW	ASH	C&D DEBRIS	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS
Abbeville	12,374	0	542	2,652	0	0	128	15,695
Aiken	98,620	4,430	0	5,483	324	0	33,630	142,487
Allendale	4,020	0	0	0	0	0	3,228	7,248
Anderson	119,530	0	7,450	29,135	0	22,476	3,598	182,188
Bamberg	9,597	0	0	70	0	0	246	9,913
Barnwell	14,178	0	0	182	0	0	5,224	19,583
Beaufort	137,013	3	9,655	20	0	0	20,883	167,574
Berkeley	94,125	95,674	43,475	12,106	0	0	152,742	398,123
Calhoun	9,886	0	0	7,080	0	0	47	17,013
Charleston	313,382	0	77,101	612	0	0	71,746	462,841
Cherokee	39,597	0	0	15,515	0	0	621	55,733
Chester	19,261	0	24	15,721	0	0	2,665	37,671
Chesterfield	21,312	0	0	2,296	0	0	498	24,106
Clarendon	12,914	0	0	10	0	0	100	13,023
Colleton	19,049	0	1,520	44	0	0	49,744	70,358
Darlington	34,876	40	761	6,644	0	0	3,892	46,212
Dillon	19,154	0	0	1,644	0	0	38	20,836
Dorchester	74,614	0	19,040	668	0	0	30,794	125,117
Edgefield	15,720	0	0	2	1,049	0	179	16,949
Fairfield	19,748	0	171	672	0	0	4,822	25,412
Florence	101,209	35	139	14,749	0	5,000	6,356	127,487
Georgetown	40,595	657	25,634	46	0	676	7,113	74,721
Greenville	309,594	0	32,084	165,948	0	0	37,992	545,618
Greenwood	71,718	0	6,481	1,852	0	0	17,371	97,423
Hampton	10,224	0	30	0	0	0	191	10,446
Horry	258,519	0	2	14	0	0	350	258,885
Jasper	12,804	4	927	7	0	0	2,166	15,909
Kershaw	33,432	56	496	5,061	0	0	7,685	46,730
Lancaster	37,468	0	3	3,116	0	0	1,283	41,871
Laurens	32,357	0	212	7,309	0	0	1,278	41,155

*Continued on the following page*

**TABLE 9.10: TSW Disposal in Commercial and Non-Commercial Class 3 Landfills by Type of Waste in Tons (continued)**

COUNTY	MSW	ASH	C&D DEBRIS	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS
Lee	8,334	0	3,301	2,313	0	0	70,193	84,141
Lexington	152,603	11,389	4,714	79,798	0	23,264	13,643	285,411
Marion	20,520	0	0	157	0	0	1,994	22,671
Marlboro	12,106	0	66	8,945	0	0	111	21,227
McCormick	4,089	0	85	498	0	0	12	4,684
Newberry	39,212	0	0	13,623	0	0	776	53,611
Oconee	50,828	0	51	5,962	0	0	11,558	68,399
Orangeburg	52,788	167,340	1,407	37,947	0	0	7,218	266,700
Pickens	56,436	0	7,464	2,038	0	0	1,551	67,489
Richland	237,489	254,639	354	36,168	0	22,542	17,123	568,315
Saluda	8,916	0	28	313	0	0	28	9,286
Spartanburg	335,307	0	2,807	113,623	0	123	4,479	456,338
Sumter	60,228	0	12	1,527	0	0	13,491	75,257
Union	15,502	0	1,888	514	0	0	196	18,099
Williamsburg	8,064	0	0	0	0	0	911	8,976
York	157,883	546	397	12,228	0	0	4,637	175,690
<b>S.C. COUNTIES TOTAL ONLY (MSWLF/TS*)</b>	<b>3,104,810</b>	<b>534,812</b>	<b>235,996</b>	<b>614,310</b>	<b>1,373</b>	<b>74,080</b>	<b>614,529</b>	<b>5,179,911</b>
Delaware	3	0	0	26	0	0	28	57
Georgia	1,056	0	7	18,627	0	0	3,554	23,244
Illinois	22	0	0	5,605	0	0	264	5,891
Massachusetts	0	0	114	5	0	0	160	279
New Jersey	1	0	0	30	0	0	273	304
New York	210,065	0	0	3	0	0	125	210,193
North Carolina	212,753	0	23,333	110,117	0	0	42,082	388,286
Tennessee	0	0	0	37	0	0	423	460
Virginia	39	0	0	660	0	0	680	1,379
Processing Facilities	11	0	0	0	0	0	75	86
<b>OUT-OF-STATE TOTAL ONLY (MSWLF/TS*)</b>	<b>423,950</b>	<b>0</b>	<b>23,454</b>	<b>135,110</b>	<b>0</b>	<b>0</b>	<b>47,664</b>	<b>630,179</b>
<b>TOTAL BY WASTE STREAM**</b>	<b>3,528,760</b>	<b>534,812</b>	<b>259,451</b>	<b>749,421</b>	<b>1,373</b>	<b>74,080</b>	<b>662,193</b>	<b>5,810,090</b>

\*MSWLF = Municipal Solid Waste (MSW) Landfills and TS = Transfer Stations \*\*Does not include exported.

**TABLE 9.11: State & County MSW Recycling, Disposal & Generation Rates**

COUNTY	POPULATION	RECYCLING RATE	RECYCLED (P/P/D)	DISPOSED** (P/P/D)	GENERATED (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)	GENERATED (TONS)
Abbeville	24,932	18.16	2,745	0.60	12,374	2.7	15,119	3.3
Aiken	165,829	7.49	7,980	0.26	98,620	3.3	106,600	3.5
Allendale	9,433	4.45	187	0.11	4,020	2.3	4,207	2.4
Anderson	194,692	42.09	86,888	2.45	119,530	3.4	206,418	5.8
Bamberg	14,880	4.79	483	0.18	9,597	3.5	10,080	3.7
Barnwell	21,725	6.94	1,057	0.27	14,178	3.6	15,234	3.8
Beaufort	179,589	18.88	31,886	0.97	137,013	4.2	168,899	5.2
Berkeley	202,786	13.20	14,313	0.39	94,125	2.5	108,439	2.9
Calhoun	14,781	17.36	2,077	0.77	9,886	3.7	11,963	4.4
Charleston	389,262	30.63	138,345	1.95	313,382	4.4	451,727	6.4
Cherokee	56,194	15.06	7,018	0.68	39,597	3.9	46,615	4.5
Chester	32,267	8.49	1,786	0.30	19,261	3.3	21,047	3.6
Chesterfield	46,017	27.41	8,049	0.96	21,312	2.5	29,361	3.5
Clarendon	33,775	8.16	1,147	0.19	12,914	2.1	14,061	2.3
Colleton	37,731	17.15	3,944	0.57	19,049	2.8	22,993	3.3
Darlington	67,548	7.45	2,808	0.23	34,876	2.8	37,683	3.1
Dillon	31,234	6.00	1,222	0.21	19,154	3.4	20,376	3.6
Dorchester	152,478	31.17	33,786	1.21	74,614	2.7	108,400	3.9
Edgefield	26,514	8.19	1,402	0.29	15,720	3.2	17,121	3.5
Fairfield	22,747	13.93	3,195	0.77	19,748	4.8	22,943	5.5
Florence	138,900	11.19	12,747	0.50	101,209	4.0	113,956	4.5
Georgetown	61,298	23.48	12,455	1.11	40,595	3.6	53,050	4.7
Greenville	491,863	27.53	117,608	1.31	309,594	3.4	427,202	4.8
Greenwood	69,838	32.25	34,146	2.68	71,718	5.6	105,864	8.3
Hampton	20,049	21.10	2,734	0.75	10,224	2.8	12,958	3.5
Horry	309,199	30.28	112,286	1.99	258,519	4.6	370,805	6.6
Jasper	27,824	9.46	1,339	0.26	12,804	2.5	14,142	2.8
Kershaw	63,603	20.33	8,530	0.73	33,432	2.9	41,961	3.6
Lancaster	85,842	11.07	4,663	0.30	37,468	2.4	42,131	2.7
Laurens	66,623	23.14	9,740	0.80	32,357	2.7	42,098	3.5
Lee	17,896	13.15	1,262	0.39	8,334	2.6	9,595	2.9
Lexington	281,833	39.49	99,589	1.94	152,603	3.0	252,192	4.9
Marion	31,747	8.53	1,914	0.33	20,520	3.5	22,434	3.9
Marlboro	27,494	27.51	4,595	0.92	12,106	2.4	16,700	3.3
McCormick	9,706	27.53	1,553	0.88	4,089	2.3	5,642	3.2
Newberry	38,012	28.88	15,921	2.30	39,212	5.7	55,133	7.9
Oconee	75,713	24.26	16,284	1.18	50,828	3.7	67,113	4.9
Orangeburg	89,208	15.29	9,527	0.59	52,788	3.2	62,315	3.8
Pickens	121,691	24.86	18,668	0.84	56,436	2.5	75,104	3.4
Richland	407,051	24.45	76,861	1.03	237,489	3.2	314,350	4.2
Saluda	20,053	8.19	795	0.22	8,916	2.4	9,711	2.7
Spartanburg	297,302	23.44	102,633	1.89	335,307	6.2	437,940	8.1
Sumter	107,480	24.51	19,556	1.00	60,228	3.1	79,784	4.1
Union	27,777	13.77	2,476	0.49	15,502	3.1	17,978	3.5
Williamsburg	32,535	11.96	1,095	0.18	8,064	1.4	9,159	1.5
York	251,195	25.93	55,274	1.21	157,883	3.4	213,158	4.6
<b>STATE TOTALS/ AVERAGES</b>	<b>4,896,146</b>	<b>25.41</b>	<b>1,094,569</b>	<b>1.2</b>	<b>3,213,592</b>	<b>3.6</b>	<b>4,308,161 *</b>	<b>4.8</b>

\*This includes MSW disposed of, exported and incinerated.

**TABLE 9.12: State & County TSW Recycling, Disposal and Generation in Tons**

COUNTY	POPULATION	TSW DISPOSED OF IN CLASS 3 LANDFILLS AND EXPORTED	INCINERATED	TSW DISPOSED OF IN CLASS 2 LANDFILLS	TSW DISPOSED OF IN CLASS 1 LANDFILLS	TOTAL AMOUNT OF ALL SW DISPOSED OF IN LANDFILLS OR INCINERATED	TOTAL RECYCLING EFFORTS	TOTAL AMOUNT OF SW GENERATED (RECYCLED + DISPOSED)	PERCENT OF ALL SW GENERATED THAT WAS RECYCLED (SW RECYCLED + SW GENERATED)
Abbeville	24,932	15,695	0	5,460	0	21,155	11,832	32,987	35.87
Aiken	165,829	142,487	0	139,010	12,568	294,065	8,217	302,282	2.72
Allendale	9,433	7,248	0	4,951	0	12,198	254,271	266,469	95.42
Anderson	194,692	182,188	0	80,873	21,524	284,584	109,885	394,469	27.86
Bamberg	14,880	9,913	0	5,925	0	15,838	666	16,504	4.04
Barnwell	21,725	19,583	0	56,668	0	76,251	1,633	77,884	2.10
Beaufort	179,589	161,602	5,972	86,587	0	254,161	33,761	287,921	11.73
Berkeley	202,786	398,123	0	474,418	14,580	887,121	94,295	981,416	9.61
Calhoun	14,781	17,013	0	3,463	0	20,476	8,606	29,082	29.59
Charleston	389,262	462,841	0	294,225	0	757,066	205,888	962,953	21.38
Cherokee	56,194	55,733	0	21,356	0	77,089	16,009	93,098	17.20
Chester	32,267	37,671	0	53,538	0	91,209	7,188	98,397	7.31
Chesterfield	46,017	24,106	0	21,240	0	45,346	8,092	53,438	15.14
Clarendon	33,775	13,023	0	11,786	0	24,809	1,157	25,967	4.46
Colleton	37,731	70,358	0	15,872	0	86,230	3,965	90,194	4.40
Darlington	67,548	46,212	0	29,193	0	75,405	2,832	78,237	3.62
Dillon	31,234	20,836	0	8,799	0	29,635	1,238	30,874	4.01
Dorchester	152,478	125,117	0	96,305	0	221,421	534,176	755,597	70.70
Edgefield	26,514	16,949	0	11,115	893	28,957	1,409	30,365	4.64
Fairfield	22,747	25,412	0	1,708	12	27,132	3,924	31,057	12.64
Florence	138,900	127,487	0	135,727	0	263,214	16,995	280,209	6.07
Georgetown	61,298	74,721	0	30,739	0	105,460	18,495	123,955	14.92
Greenville	491,863	545,618	0	220,050	481	766,148	258,753	1,024,901	25.25
Greenwood	69,838	97,423	0	17,283	63	114,769	57,252	172,020	33.28
Hampton	20,049	10,446	0	8,766	0	19,212	2,735	21,947	12.46
Horry	309,199	258,885	0	143,047	0	401,932	201,109	603,041	33.35
Jasper	27,824	15,486	423	4,971	0	20,880	5,222	26,102	20.01
Kershaw	63,603	46,730	0	28,208	0	74,938	8,571	83,509	10.26
Lancaster	85,842	41,871	0	223	3,036	45,130	4,681	49,811	9.40
Laurens	66,623	41,155	0	11,130	94	52,379	9,756	62,134	15.70
Lee	17,896	84,141	0	39	0	84,180	6,515	90,695	7.18
Lexington	281,833	285,411	0	181,466	4,900	471,776	232,973	704,749	33.06
Marion	31,747	22,671	0	29,378	0	52,050	1,947	53,996	3.61
Marlboro	27,494	21,227	0	9,351	0	30,578	106,591	137,169	77.71
McCormick	9,706	4,684	0	1,110	129	5,922	1,555	7,477	20.80
Newberry	38,012	53,611	0	13,876	108	67,595	127,379	194,974	65.33
Oconee	75,713	68,399	0	26,046	1,140	95,585	47,875	143,461	33.37
Orangeburg	89,208	266,700	0	24,164	0	290,864	20,379	311,243	6.55
Pickens	121,691	61,557	5,932	20,170	405	88,064	50,819	138,882	36.59
Richland	407,051	568,315	0	387,813	231	956,359	79,622	1,035,980	7.69
Saluda	20,053	9,286	0	1,760	0	11,046	797	11,842	6.73
Spartanburg	297,302	456,338	0	114,150	3,316	573,805	111,721	685,525	16.30
Sumter	107,480	75,257	0	54,806	0	130,064	27,331	157,395	17.36
Union	27,777	18,099	0	108	2,150	20,358	2,481	22,839	10.86
Williamsburg	32,535	8,976	0	6,795	0	15,771	1,188	16,959	7.00
York	251,195	175,690	0	111,858	510	288,059	76,356	364,415	20.95
<b>TOTAL FOR S.C. COUNTIES</b>	<b>4,896,146</b>	<b>5,292,421</b>	<b>12,327</b>	<b>3,005,525</b>	<b>66,139</b>	<b>8,376,283</b>	<b>2,788,140</b>	<b>11,164,423</b>	<b>24.97</b>
<b>TOTAL OUT-OF-STATE</b>		<b>630,179</b>	<b>114</b>	<b>56,667</b>	<b>3,102</b>	<b>690,062</b>			
<b>TOTAL WASTE STREAM</b>		<b>5,922,600</b>	<b>12,441</b>	<b>3,062,192</b>	<b>66,139</b>	<b>9,066,473</b>			

\*This amount includes 128 tons exported to Georgia that is not listed by county.

**TABLE 9.13: Class 1 Landfill Disposal in Tons, FY12 to FY16**

COUNTY OR PLACE OF ORIGIN	FY12	FY13	FY14	FY15	FY16
Abbeville	0	0	0	0	0
Aiken	10,787	11,290	12,548	11,729	12,568
Allendale	0	0	0	0	0
Anderson	16,855	18,204	14,563	18,450	21,524
Bamberg	0	0	0	0	0
Barnwell	0	0	0	0	0
Beaufort	0	0	0	0	0
Berkeley	0	4,217	15,267	2,668	14,580
Calhoun	0	0	0	0	0
Charleston	0	0	2	0	0
Cherokee	0	0	0	0	0
Chester	0	0	0	0	0
Chesterfield	0	0	0	0	0
Clarendon	0	0	0	0	0
Colleton	0	0	0	0	0
Darlington	0	0	0	0	0
Dillon	0	0	0	0	0
Dorchester	0	0	0	0	0
Edgefield	2,343	1,531	6,796	1,637	893
Fairfield	0	2	17	0	12
Florence	316	392	0	0	0
Georgetown	0	0	0	0	0
Greenville	621	575	437	1,365	481
Greenwood	1,491	970	1,960	1,800	63
Hampton	0	0	0	0	0
Horry	0	0	0	0	0
Jasper	291	252	314	0	0
Kershaw	3,210	3,487	0	0	0
Lancaster	3,750	3,488	2,910	3,180	3,036
Laurens	400	0	1,475	98	94
Lee	0	0	0	0	0
Lexington	5,369	3,626	5,428	10,316	4,900
Marion	0	0	0	0	0
Marlboro	0	0	0	0	0
McCormick	18	18	0	0	129
Newberry	66	181	122	494	108
Oconee	1,801	1,406	1,019	839	1,140
Orangeburg	0	0	0	0	0
Pickens	1,566	983	567	270	405
Richland	10,868	10,190	169	1,543	231
Saluda	162	194	114	186	0
Spartanburg	1,524	2,051	2,766	2,531	3,316
Sumter	423	0	0	0	0
Union	1,809	2,786	2,646	2,458	2,150
Williamsburg	0	0	0	0	0
York	7,710	7,530	8,206	6,045	510
<b>TOTAL SOUTH CAROLINA</b>	<b>71,380</b>	<b>73,374</b>	<b>77,326</b>	<b>65,608</b>	<b>66,139</b>
<b>TOTAL OUT-OF-STATE</b>	<b>1,288</b>	<b>1,629</b>	<b>12,789</b>	<b>2,598</b>	<b>3,102</b>
<b>TOTAL AMOUNT DISPOSED OF</b>	<b>72,667</b>	<b>75,003</b>	<b>90,115</b>	<b>68,206</b>	<b>69,241</b>

**NOTE:** See Table 10.3 for a list of Class 1 Landfills by name and county.



**TABLE 9.14: Class 2 Landfill Disposal and Estimated Remaining Life**

COUNTY	LANDFILL	LANDFILL OWNERSHIP	PERMITTED ANNUAL DISPOSAL RATE	FY16 DISPOSAL	REMAINING LIFE IN YEARS
<b>COMMERCIAL LANDFILLS</b>					
Abbeville	Abbeville County	Public	10,000	5,619	276.9
Aiken	Aiken County (Barden)	Public	80,000	76,691	14.5
Aiken	Aiken County (Wagener)	Public	134,766	4,659	53.9
Aiken	Hilltop	Private	57,500	1,635	10.0
Aiken	Rainbow Falls	Private	103,216	70,023	56.0
Allendale	Appleton	Private	21,000	14,255	29.6
Anderson	Clemson University	Public	25,000	188	22.0
Anderson	Starr	Public	43,300	15,667	42.8
Anderson	Enterprise Material	Private	68,619	30,332	26.0
Anderson	Greenpointe	Private	57,000	31,947	24.0
Bamberg	Bamberg County	Public	44,441	5,923	42.3
Barnwell	Barnwell County	Public	32,000	7,354	21.0
Beaufort	Barnwell Resources, Inc	Private	156,000	23,151	46.0
Berkeley	Berkeley County	Public	214,703	59,697	0.9
Calhoun	Calhoun County	Public	13,500	2,313	2.5
Charleston	Bees Ferry	Public	200,000	14	0.3
Charleston	Spring Grove	Private	500,000	215,664	72.8
Cherokee	Cherokee County	Public	70,000	16,588	●
Cherokee	City of Gaffney	Public	8,930	4,560	28.7
Chester	Bennett	Private	205,200	●	●
Chester	Chester County	Public	4,800	5,559	24.3
Chesterfield	Furr Facility	Private	32,700	30,995	39.8
Clarendon	Clarendon County	Public	60,000	11,782	11.5
Colleton	Colleton County	Public	30,000	15,603	23.0
Darlington	Darlington County	Public	65,200	13,790	64.8
Dillon	Dillon County	Public	11,700	9,580	4.8
Dorchester	Carolina Landfill	Private	170,120	171,056	33.8
Florence	Florence County	Public	25,000	0	20.0
Florence	Lake City	Public	12,900	3,256	98.7
Florence	Pee Dee Environmental	Private	892,000	80,837	36.1
Georgetown	Georgetown County	Public	51,000	3,393	2.8
Greenville	Greenville (Republic)	Private	200,000	5,418	2.9
Greenville	Twin Chimneys/Greenville County	Public	137,157	71,905	20.1
Greenville	WI Shiloh	Private	128,000	65,481	24.3
Greenwood	Greenwood County	Public	47,984	12,504	23.4
Hampton	Hampton County	Public	12,600	8,578	0.3
Horry	Horry County	Public	250,000	101,041	5.2
Jasper	Oakwood	Private	188,000	34,919	31.3
Kershaw	Kershaw County	Public	30,000	24,268	●
Kershaw	L&L Disposal	Private	200,000	149,018	56.4
Kershaw	Pine Hill	Private	170,000	108,925	92.7
Lancaster	Mining Road	Private	200,000	35,036	63.9
Laurens	City of Clinton	Public	13,000	166	34.6
Laurens	Curry Lake	Private	241,591	84,586	20.0
Lexington	Carolina Materials	Private	240,000	69,106	9.0
Lexington	378 Recycle Center	Private	50,000	0	●
Lexington	Lexington County	Public	216,000	60,996	8.8

● Did Not Report ■ No Permitted Disposal Rate *Continued on the following page*

**TABLE 9.14: Class 2 Landfill Disposal and Estimated Remaining Life (continued)**

COUNTY	LANDFILL	LANDFILL OWNERSHIP	PERMITTED ANNUAL DISPOSAL RATE	FY16 DISPOSAL	REMAINING LIFE IN YEARS
<b>COMMERCIAL LANDFILLS (continued)</b>					
Lexington	S&T Recycling LLC	Private	7,200	6,950	25.0
Lexington	Southeastern Disposal	Private	120,000	48,642	14.6
Marion	Hwy. 908	Private	206,540	7,837	18.3
Marion	Marion County	Public	135,350	28,422	25.0
Marion	Sandlands	Private	206,500	42,375	26.8
Newberry	SRR, LLC	Private	208,000	43,413	15.8
Oconee	Oconee County	Public	37,615	22,763	●
Orangeburg	Orangeburg County	Public	81,000	23,906	9.2
Pickens	Hwy. 93	Private	70,500	0	●
Pickens	Easley - Pickens County	Public	30,000	19,212	1.7
Richland	Carolina Grading, Inc.	Private	122,400	3	136.0
Richland	Richland County	Public	200,000	32,106	17.7
Spartanburg	Spartanburg County - WASP Nest	Public	72,161	70,952	8.1
Sumter	Sumter County	Public	51,332	43,066	3.0
Williamsburg	Williamsburg County	Public	4,370	4,154	5.0
York	Coltharp	Private	106,418	66,419	9.0
York	Rogers	Private	24,000	2,600	10.0
York	Vernsdale Road	Private	58,300	0	●
York	York County	Public	96,632	45,546	15.0
<b>NON-COMMERCIAL PUBLICLY OWNED LANDFILLS</b>					
Aiken	Savannah River Site 288-F	Public	■	372	17.7
Aiken	Savannah River Site 488-4D	Public	25,000	40,135	1.5
Aiken	Savannah River Site 632-G	Public	120,000	23,780	37.0
Berkeley	Santee Cooper (Cross Generating Station)	Public	■	282,187	0.0
<b>NON-COMMERCIAL PRIVATE LANDFILLS</b>					
Aiken	Owens Corning - Aiken	Private	60,000	8,167	13.3
Anderson	Owens Corning - Anderson	Private	60,000	13,098	56.0
Berkeley	Kapstone	Private	■	136,499	43.0
Calhoun	DAK Americas	Private	■	1,136	10.7
Darlington	Sonoco Products Company	Private	50,000	10,194	0.8
Florence	WestRock	Private	103,032	52,245	7.2
Georgetown	International Paper - Georgetown	Private	200,000	25,622	13.9
Greenville	General Electric	Private	3,500	0	●
Lexington	SCE&G McMeekin Station	Private	120,000	0	●
Marlboro	Domtar Paper	Private	12,000	2,844	54.6
Oconee	Duke Power - Oconee Nuclear Station	Private	2,000	0	24.4
Orangeburg	Brewer	Private	50,000	0	●
Orangeburg	SCE&G Cope	Private	■	0	107.3
Richland	International Paper - Eastover	Private	■	126,000	12.5
Richland	Intertape Polymer Group	Private	10,000	0	●
Spartanburg	Kohler Company	Private	■	9,198	94.1
Spartanburg	Tindall	Private	■	●	●
Williamsburg	DSM Nutritional Products, LLC	Private	80,000	2,641	28.0
York	Duke Power - Catawba	Private	1,000	0	46.7
York	Resolute Forest Products	Private	■	7,135	8.3
<b>TOTAL</b>			<b>7,526,827</b>	<b>3,062,192</b>	<b>31.2</b>

● Did Not Report ■ No Permitted Disposal Rate **NOTE:** The remaining life of Class 2 landfills is provided in months, but converted to years.

# South Carolina's Permitted Solid Waste Facilities



The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-60 – requires the S.C. Department of Health and Environmental Control to provide an inventory of solid waste facilities.

In fiscal year (FY) 2016 (July 1, 2015 to June 30, 2016), there were 378 solid waste facilities operating under the authority of 15 types of permits in South Carolina.

Some permits apply to multiple facility types. For example, there are six types of solid waste processing facilities as well as three types of landfills and transfer stations. Of the 15 types of solid waste permits, only three are allowed to accept MSW – Class 3 landfills, Class 3 transfer stations and Class 3 processing facilities.

Overall in FY16, there were:

- **156 landfills;**
- **111 composting and wood-grinding facilities;**
- **41 transfer stations;**
- **20 processing facilities;**
- **16 waste tire facilities;**
- **16 used oil facilities;**
- **7 land-application facilities;**
- **Five research, development and demonstration facilities;**
- **Five incinerators** (all Air Curtain); and
- **One soil treatment facility.**

Tables 10.2 to 10.9 provide a complete list of the permitted facilities at the close of FY16. The tables include (when available): the facility name; county in which the facility is located; permitted rate of disposal or storage; and the tons received.

**TABLE 10.1: Permitted Rate Legend**

<b>CYPY</b>	Cubic Yards Per Year
<b>GPY</b>	Gallons Per Year
<b>TPA</b>	Tons Per Acre
<b>TPD</b>	Tons Per Day
<b>TPW</b>	Tons Per Week
<b>TPY</b>	Tons Per Year

***There were 378 solid waste facilities operating in South Carolina during FY16.***

**TABLE 10.2: Permitted Solid Waste Transfer Stations in FY16**

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
<b>CLASS 1 TRANSFER STATIONS</b>			
Greenville	City of Greenville	40,000 TPY	15,000
<b>CLASS 2 TRANSFER STATIONS</b>			
Charleston	Town of Mount Pleasant	100 TPD	21,696
Colleton	Clean Management	60 TPD	1,377
Dorchester	Town of Summerville	200 TPD	11,940
Greenville	MRR Upstate	500 TPD	32,639
Jasper	Carolina Containers of Beaufort	500 TPD	21,553
<b>CLASS 3 TRANSFER STATIONS</b>			
Anderson	Anderson-Oconee	1,500 TPD	0
Anderson	Pendleton	500 TPD	17,417
Bamberg	Bamberg County	250 TPD	9,620
Barnwell	Barnwell County	200 TPD	14,644
Beaufort	Haig Point	15 TPD	243
Beaufort	Dolphin Shared Management Service	15 TPD	1,493
Charleston	Carolina Processing & Recycling	2,000 TPD	220,352
Cherokee	Cherokee County	800 TPD	36,893
Chester	Chester County	200 TPD	16,689
Clarendon	Clarendon County	250 TPD	0
Colleton	Colleton County	115 TPD	19,497
Darlington	Darlington County	95 TPD	19,670
Dillon	Dillon County	250 TPD	45,151
Edgefield	Tri-County	320 TPD	29,024
Fairfield	Fairfield County	320 TPD	15,836
Florence	Florence County	740 TPD	105,947
Greenville	Blackberry Valley	150 TPD	5,165
Greenville	City of Greer	40 TPD	10,518
Greenville	City of Simpsonville	300 TPD	0
Horry	City of Myrtle Beach	400 TPD	29,214
Horry	City of North Myrtle Beach	250 TPD	13,508
Lancaster	Lancaster, City of	315 TPD	29,971
Laurens	CCC Laurens County	800 TPD	29,994
Lexington	Lexington County	600 TPD	120,128
Marlboro	City of Bennettsville	50 TPD	5,035
Newberry	Newberry County	400 TPD	38,223
Oconee	Oconee Seneca	300 TPD	39,309
Orangeburg	Orangeburg County	300 TPD	54,302
Pickens	Pickens County	400 TPD	42,045
Spartanburg	Greer	1,200 TPD	138,996
Spartanburg	Broadcast Drive/J&B	1,000 TPD	83,964
Spartanburg	City of Spartanburg	200 TPD	0
Sumter	Sumter	400 TPD	63,720
Union	City of Union	21 TPD	3,223
York	Containers Corporation of Carolina	1,200 TPD	103,599
York	York County	800 TPD	135,008

**TABLE 10.3: Permitted Solid Waste Landfills in FY16**

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS DISPOSED
<b>CLASS 1 LANDFILLS</b>			
Aiken	G.L. Williams	625 TPY	584
Aiken	Jack Wood	520 TPY	108
Aiken	Toby Marks	4,800 TPY	2,709
Aiken	Dennis Miller	20,000 TPY	5,100
Aiken	B&W Excavating (Mike Williams)	15,000 TPY	2,456
Aiken	John Swearingen	1,000 TPY	150
Anderson	Starr – Anderson County	26,000 TPY	17,658
Anderson	Broadway	860 TPY	612
Anderson	City of Belton	3,600 TPY	3,450
Berkeley	Berkeley County	15,000 TPY	14,580
Edgefield	Pioneer Clearing	20,000 TPY	5,585
Greenville	Norris	250 TPY	120
Greenwood	BHC Trucking	6,500 TPY	63
Jasper	Jasper County	120,000 TPY	0
Lancaster	Lancaster County	3,500 TPY	3,036
Laurens	H.R. Garrett (Henderson Rd.)	20,000 TPY	258
Lexington	378 Recycle Center	100,000 TPY	3,976
Lexington	Southeastern Disposal	11,600 TPY	0
Lexington	Town of Batesburg-Leesville	2,000 TPY	0
Newberry	Metts	3,000 TPY	1,200
Oconee	Clemson-Seneca	3,000 TPY	720
Oconee	New Century Construction (Wells Hwy.)	15,000 TPY	825
Oconee	Wood	8,000 CYPY	0
Richland	L&L Disposal	30,000 TPY	0
Richland	Sharp's Construction Co.	75 TPY	75
Saluda	Goff	40,000 CYPY	0
Spartanburg	Brown	3,000 TPY	149
Spartanburg	City of Woodruff (Landford Rd.)	488 TPY	128
Spartanburg	Cliffdale Road	150,000 TPY	0
Spartanburg	Hawkins Grading	6,000 TPY	27
Spartanburg	Howard Grading & Construction	1,000 TPY	8
Spartanburg	Jeff Thomas LCD Landfill	2,600 TPY	0
Spartanburg	Par Grading & Hauling	2,600 TPY	3,000
Spartanburg	Roger Owens	900 TPY	4
Spartanburg	Watson	3,000 TPY	0
Union	City of Union (Eison)	2,500 TPY	2,150
York	Clawson	50,400 CYPY	510
York	Creekside of York County	5,500 TPY	0
York	McCall Deer Creek Drive	100,000 CYPY	0

**CLASS 2 LANDFILLS**

A list of Class 2 landfills can be found in Table 9.14 (pages 99-100).

**CLASS 3 LANDFILLS**

A list of Class 3 landfills can be found in Table 9.7 (page 90).

● Did Not Report

**TABLE 10.4: Permitted Solid Waste Processing Facilities in FY16**

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
<b>C&amp;D DEBRIS PROCESSING FACILITIES</b>			
Anderson	ACE Environmental Inc.	50,000 TPY	8,370
Dillon	Nobles Corp. Inc.	120,000 TPY	0
Greenwood	Powell's Trash Service	41,184 TPY	18,180
Horry	Horry County SWA	72,800 TPY	14,183
<b>CLASS 3 INDUSTRIAL PROCESSING FACILITIES</b>			
Calhoun	Regulatory Solutions Inc.	25,000 TPY	11,036
Colleton	American Bio Mass LLC	9,170 TPY	8,157
Colleton	CMEG Inc.	5,200 TPY	3,857
Dorchester	Geocycle LLC	150,000 TPY	26,133
Greenville	VLS - Piedmont LLC	90,000 TPY	89,629
Lexington	Crandall Corporation	2,491 TPY	420
Spartanburg	JBR Environmental Services	52,000 TPY	17,017
Sumter	Giant Resource Recovery	104,000 TPY	12,733
<b>CLASS 3 MSW PROCESSING FACILITIES</b>			
Aiken	North Augusta, City of	250 TPD	34,847
Aiken	Three Rivers SWA	900 TPD	0
Greenville	Piedmont Processing – Waste Industries	1,500 TPD	50,805
Spartanburg	A-1 Transfer & Recycling Solid Waste Processing Facility (220 Victor Hill)	150 TPD	17,851
<b>ORGANIC PROCESSING FACILITIES</b>			
Richland	Waste 2 Energy LLC	48,000 TPY	0
<b>C&amp;D DEBRIS / CLASS 3 INDUSTRIAL PROCESSING FACILITIES</b>			
Lee	Lee County	600 TPD	55,335
<b>C&amp;D DEBRIS / CLASS 3 MSW PROCESSING FACILITIES</b>			
Dorchester	Pepperhill	1,200 TPD	105,302
Greenville	Fennel Container	1,200 TPD	192,620



**TABLE 10.5: Permitted Composting and Wood-grinding Facilities in FY16**

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Aiken	APAC Composting Site	0	Horry	Horry County Solid Waste Authority Inc.	35,583
Aiken	APAC 421 Composting Site	274	Horry	Lees Landing – Horry County	0
Aiken	City of Aiken Public Works Department	0	Horry	Seaside Mulch Inc.	725
Aiken	City of North Augusta	167	Horry	Coastal Reclamation	●
Aiken	GreenGo Recycling LLC – Aiken County	741	Jasper	Evergreen Tree & Turf (AKA – South Coasting Logging Inc.)	●
Anderson	City of Anderson	492	Jasper	LCR Construction (formerly R&D Tree/Tutan Trees)	2,736
Anderson	Fowler Corporation Wood Chipping Facility	0	Jasper	Oakwood C&D Landfill	6,943
Anderson	Town of Honea Path	5,400	Kershaw	Kershaw County Solid Waste	386
Anderson	Willimon's Mulch	195	Kershaw	L&L Disposal Wood Chipping Site	18,502
Bamberg	Bamberg County	1,778	Kershaw	SAK LLC (DBA – Re-Soil Composting)	60
Beaufort	Cleland Ridgeland Chipping Facility	7,829	Lancaster	Greenway Waste Solutions/Griffin Brothers Enterprises Inc.	724
Beaufort	Community Service Association, Inc./ Sea Pines Plantation	4,500	Lancaster	Lancaster County/McGill Convenience Site	3,036
Beaufort	Hilton Head Plantation P.O.A.	50	Lancaster	SM Smith & Sons Inc.	●
Beaufort	LCR Construction – Beaufort Facility	2,736	Laurens	Curry's Lake Landfill	1,397
Berkeley	Berkeley County – Mitton Road	0	Laurens	Laurens County	185
Berkeley	Berkeley County Water & Sanitation Authority	13,416	Lee	Lee County Composting & Recycling	824
Charleston	Barr Construction Inc.	1,242	Lexington	Carolina Materials Corporation	8,304
Charleston	County of Charleston – Bee's Ferry	70,412	Lexington	Eagle Recovery Facility	4,620
Charleston	Ladson Wood Recycling	47,334	Lexington	Lexington County Wood Grinding & Composting Facility	8,564
Charleston	Moberry LCD Wood Chipping Facility	●	Lexington	S&T Grading	750
Charleston	Sunnyside Farms	315	Lexington	Southeastern Disposal LLC/Wood Chipping Site	0
Charleston	Three Oaks – Buring Acres Composting and Shreading Site	555	Lexington	378 Recycling LLC	3,976
Cherokee	Cherokee County Landfill	1,340	Marion	City of Marion	1,210
Chester	City of Chester	●	Marion	Hwy. 908 Composting – Marion County	0
Chester	Scotts Company	78,000	Marion	Marion County Woodchipping	0
Chester	Town of Great Falls	●	Marlboro	McDuffie & Son Composting Center	●
Dillon	Nobles Corporation Composting and Woodchipping Facility	0	Newberry	City of Newberry	327
Dillon	Town of Latta	●	Newberry	County of Newberry	3,021
Dorchester	Carolina Landfill LLC	1,148	Newberry	Metts Wood Recycling Center	7,843
Fairfield	Fairfield County Wood Chipping Facility (Limb Chipping Facility)	1,200	Oconee	Clemson – Seneca	165
Fairfield	Kaiser Enterprises Inc.	●	Oconee	Hutch-N-Son Wood Chipping Facility	1,243
Florence	City of Florence	1,823	Oconee	Oconee County Solid Waste Mulching Facility	6,767
Florence	Gilbert Drive Composting & Wood Chipping (DBA – Earth Care Recycling LLC)	12	Oconee	Wells Hwy. Landfill (New Century Construction Recycling Division)	2,730
Georgetown	Frasier Composting	●	Pickens	City of Clemson	●
Georgetown	Georgetown County	2,546	Richland	City of Columbia	6,437
Georgetown	McKenzie Wood Chipping – Georgetown County	●	Richland	Mitch Hook Composting	420
Greenville	Atlas Organics Composting	275	Richland	Richland Composting and Wood Chipping Facility	1,858
Greenville	Dillard Excavating	150	Saluda	SH Wood Waste Management	334
Greenville	Greater Greenville Sanitation Commission	18,695	Spartanburg	City of Spartanburg	0
Greenville	Greenworks Recycling (DBA – Mulch in Motion)	19,784	Spartanburg	Hensons' Inc. – Mulch and More Wood Chipping Facility	2,914
Greenville	Greenworks Recycling (DBA – Mulch in Motion - Simpsonville)	10,500	Spartanburg	Spartanburg County – Wellford Landfill, Environmental Services	2,847
Greenville	Greenworks Recycling (DBA – Mulch in Motion)	300	Spartanburg	Spartanburg Wood Recycling Facility	950
Greenville	Hensons' Inc. – Greenville Wood Recycling Center	3,117	Sumter	Glasscock Company (formerly SCR Composting Site)	●
Greenville	Schneider Tree Care Wood Chipping Facility	4,695	Sumter	Sumter County Public Works	3,946
Greenville	SH Carter – Greenville County	●	Williamsburg	Town of Hemingway	108
Greenville	SR Mulch & Grinding	14,324	York	City of Rock Hill	●
Greenville	Starr Wood Chipping Facility	0	York	City of Rock Hill – Vegetation	7,678
Greenville	The Daylee Grind (DBA – DTS Inc.)	●	York	City of Tega Cay Wood Chipping Facility	1,905
Greenville	Timbertech Inc.	2,366	York	River Hills Community Association	2,521
Greenville	Twin Chimneys Wood Grinding Facility	3,078	York	Rogers Composting Facility	0
Greenville	Piedmont Composting	0	York	Town of Fort Mill	4,237
Hampton	Hampton County	1,138	York	York County Wood Chipping Facility	●
Hampton	Town of Yemassee	0	York	Deer Creek Composting	0
Horry	D&S Recycling LLC	24,356			
Horry	G&G Mining Company LLC	31			

● Did Not Report



**TABLE 10.6: Permitted Waste Tire Facilities in FY16**

COUNTY	FACILITY NAME	STORAGE LIMIT
<b>WASTE TIRE COLLECTORS</b>		
Aiken	Three Rivers Solid Waste Authority	10,000 tires
Beaufort	Beaufort County Public Works	2,900 tires
Charleston	Geralds Tires II Inc.	5,200 tires
Cherokee	Cherokee County	■
Fairfield	Fairfield County Waste Tire Collection Facility 1	1,800 tires
Greenville	Twin Chimneys	3 tractor trailers
Lancaster	Lancaster County Public Works	1,850 tires
Union	Union County Public Works	1,200 tires
<b>WASTE TIRE PROCESSORS</b>		
Aiken	SC Tire Processing LLC	437,000 tires
Anderson	Viva Recycling Upstate LLC	18,300 tires
Berkeley	Viva Recycling of SC	99,000 tires
Charleston	Tower Tire Reclamation	5 tractor trailers
Dorchester	Argos Cement	100 tractor trailers
Edgefield	Ridge Recyclers Inc.	■
Pickens	Pickens County Recycling Department	2,000 tires
Sumter	Kiln Direct	4,250 tires

● No Permitted Limit    **NOTE:** For a list of registered waste tire haulers, contact DHEC at **1-800-768-7348**.

**TABLE 10.7: Permitted Incinerators in FY16**

COUNTY	FACILITY NAME	TYPE	PROCESS/STORAGE LIMIT	TONS RECEIVED
Beaufort	Haig Point	Air Curtain Incinerator	700 CY	556
Beaufort	Ulmer Brothers Inc.	Air Curtain Incinerator	500 tons	18,161
Horry	Lees Landing	Air Curtain Incinerator	60 TPD	0
Jasper	Coastal Debris LLC	Air Curtain Incinerator	1,000 tons	1,282
Pickens	Pickens County	Air Curtain Incinerator	150 tons	4,921

**TABLE 10.8: Permitted Used Oil Facilities in FY16**

COUNTY	FACILITY NAME	PERMITTED RATE
<b>USED OIL BURNERS (OFF-SPECIFICATION)</b>		
Dorchester	Argos Cement LLC Harleyville Cement Plant	9,250,000 GPY
Dorchester	Giant Cement Company	5,000,000 GPY
Orangeburg	Holcim US Inc.	49,000 TPD
<b>USED OIL MARKETERS</b>		
Dorchester	Universal Environmental Services LLC	■
Sumter	Giant Resource Recovery	■
York	Atlantic Industrial	■
<b>USED OIL PROCESSORS</b>		
Charleston	Delfin Used Oil Processing Facility	60,000,000 GPY
Chester	Southeastern Petroleum	4,752,000 GPY
Dorchester	Universal Environmental Services LLC	333,700 GPY
Greenville	Holston Group Inc.	150,000 TPD
Greenville	VLS Recovery Systems	8,320,000 GPY
Richland	Dilmar Fluid Services Inc. Used Oil Processing Facility	125,000 GPY
Spartanburg	Taylor Enterprises Inc.	500,000 GPY
Sumter	Giant Resource Recovery	4,000,000 GPY
Sumter	Kiln Direct	4,000,000 GPY
York	Diversified Recycling Inc.	2,000,000 GPY

■ No Permitted Limit



**TABLE 10.9: Other Permitted Solid Waste Facilities in FY16**

COUNTY	FACILITY NAME	PERMITTED RATE
<b>LAND APPLICATION</b>		
Lancaster	Bowers Fibers Inc.	10 TPA
Laurens	County Fresh Inc.	10 TPA
Lexington	JB Enterprises Resawing Inc.	500 TPY
Lexington	Mungo Company	●
Marlboro	Domtar Paper Company LLC	10 TPA
Orangeburg	Council Energy Inc.	10 TPA
Richland	International Paper Company - Eastover Mill	●
<b>RESEARCH, DEVELOPMENT &amp; DEMONSTRATION PROJECT</b>		
Anderson	Anderson Regional Landfill LLC	●
Greenville	Enoree Landfill	●
Laurens	Refresh Services	224 CY
Lexington	Refresh Services	●
Williamsburg	ARC Technology	14,924 TPY
<b>SOIL TREATMENT</b>		
Sumter	TK Tank Services Inc.	15,000 TPY

● No Permitted Limit





# Solid Waste Planning



The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-60 – requires the S.C. Department of Health and Environmental Control (DHEC) to develop a state solid waste management plan (State Plan).

The Act (Section 44-96-80) also requires county governments or regions to develop plans that are consistent with the State Plan. This section outlines the planning and other responsibilities of state and county governments.

The State Plan is required to address a 20-year planning period and include:

- **An inventory of the amount and type of solid waste currently being disposed of;**
- **Solid waste disposal projections;**
- **An analysis of the types of facilities that will be needed to manage solid waste;**

- **An estimate of the current capacity in the state to manage solid waste;**
- **An evaluation of current solid waste management practices;**
- **Recommendations on how the state can meet its waste reduction and recycling goals; and**
- **A description of public education programs developed in partnership with local governments, businesses, industry and other organizations to – among other objectives – promote waste reduction and recycling.**

The State Plan was adopted in 1992 and revised in 1999. In 2006, a revision established limits for facilities that use emerging technologies.

This annual report is an update to the State Plan as required by the Act.



## Local Planning Responsibilities

### COUNTY/REGIONAL SOLID WASTE MANAGEMENT PLANS

As outlined above, each county is required to have a comprehensive solid waste management plan to ensure adequate disposal capacity. Counties may create and implement regional solid waste management plans.

These county/regional plans also are required to address a 20-year planning period and must be consistent with the State Plan. These plans must include:

- **The amount and type of solid waste projected to be disposed of within the county or region;**
- **An estimate of the current capacity within that county or region to manage its solid waste;**
- **An analysis of existing and new facilities that will be needed to manage the solid waste generated;**
- **A description of the recycling program** including material collected, type of public education/outreach initiatives offered to promote the program and the designation of a recycling coordinator;
- **An outline of how the county or region expects to meet the state's recycling and disposal goals; and**
- **An estimate of the cost of implementing the plan.**

DHEC considers county/regional plans when making consistency determinations for solid waste facilities. Because the county government is responsible for providing management of all solid waste, the county/regional plan should address all solid waste streams, applicable facility types and methods of treatment.

DHEC encourages counties and regions to:

- **Review their solid waste management plan periodically** to assess the impact of regulatory changes, new permits, population changes and waste generation trends and update their plan as needed;
- **Provide opportunities for cities, towns, the public and other affected parties within the county or region to have input in the plan revisions; and**
- **Consult the most recent copy of the "South Carolina Solid Waste Management Annual Report"** for updated solid waste data.

Beyond the State Plan, DHEC has additional responsibilities including:

- **Determining consistency with state and local or regional solid waste management plans;**
- **Determining consistency with local zoning and other local land-use ordinances; and**
- **Approving Demonstration of Need (DON) for certain solid waste management facilities.**



## State Planning Responsibilities

### CONSISTENCY DETERMINATIONS

Before a solid waste management facility can be permitted, it must be determined to be consistent with the State Plan, the county/regional plan as well as local zoning and land-use requirements.

Although a county or region is responsible for developing the local solid waste management plan, zoning ordinances and/or other land-use ordinances, DHEC is responsible for making an independent consistency determination.

DHEC looks at many factors when reviewing the county/regional plan and making its consistency decision. Chiefly, DHEC considers the amount of waste that the county or region is projected to generate during the 20-year planning period and reviews the county or region's proposed means of managing that waste through a combination of transfer, disposal, incineration and/or recycling.

### DEMONSTRATION OF NEED (DON)

DON refers to the criteria established for the geographical placement and allowable annual disposal rate of new and expanding solid waste management facilities. The original DON regulation was put into effect in June 2000. On

June 26, 2009, a revision to Regulation 61-107.17 SWM: Demonstration-of-Need became effective.

The DON regulation addresses commercial Class 3 landfills, commercial Class 2 landfills, commercial solid waste incinerators that incinerate waste other than wood waste or yard trimmings and commercial solid waste processing facilities that process waste destined for disposal at Class 3 landfills. The DON regulation stipulates that where there are at least two commercial solid waste management facilities of the same type within a specified planning area, no new facility is allowed.

### CLASS 2 LANDFILLS

Class 2 landfills accept land-clearing debris, certain construction and demolition debris, certain household furniture and under certain conditions, animal carcasses. Class 2 landfills have a 20-mile planning radius. (See pages 114-115 for a map detailing Class 2 landfill locations and planning radii.) DHEC calculates allowable annual disposal at new Class 2 landfills using:

- **100 percent of the host county generation;** and
- **30 percent of the generation in other counties within the planning area.**

### Non-Commercial Facilities

In South Carolina, a facility is defined as "non-commercial" if it manages only the solid waste generated in the course of normal operations on property under the same ownership or control as the facility itself (i.e., "on site"). Non-commercial facilities are not required to demonstrate need.

**TABLE 11.1: DON Requirements for New Solid Waste Management (SWM) Facilities**

COMMERCIAL SWM FACILITY	PLANNING AREA AROUND FACILITY	NUMBER OF FACILITIES ALLOWED WITHIN PLANNING AREA	THROUGHPUT/ANNUAL TONNAGE CALCULATION FOR NEW FACILITIES
Class 2 Landfills	20 miles	2	100 percent of host county tonnage plus 30 percent of generation from other counties in planning area
Class 3 Landfills	75 miles	2	Total of 100 percent of host county tonnage and 50 percent of tonnage of counties in planning area without a Class 3 landfill; cannot exceed 30 percent of total state generation
Solid Waste Incinerators	75 miles	2	Based on the manufacturer's design of the incinerator not to exceed 600 tons per day
Solid Waste Processing Facilities	75 miles	2	Total of 100 percent of host county tonnage and 50 percent of tonnage of other counties in planning area

Tonnage increases for existing Class 2 facilities are allowed only if the facility is operating within 20 percent of its permitted amount, (i.e., the amount of waste disposed per year is 80 percent or more of the annual permitted capacity).

If a Class 2 landfill qualifies for an increase, it can receive the lesser of the amount that disposal in the planning area has increased since the facility last received a permitted increase or 50,000 tons.

Class 2 landfills operating on the effective date of the regulation are allowed variances from certain DON requirements with respect to replacement facilities, tonnage increases and expansions.

See Table 11.2 for Class 2 waste generated for disposal by county for use in DON.

### CLASS 3 LANDFILLS

Class 3 landfills accept municipal solid waste (MSW), industrial solid waste, sewage sludge, non-hazardous MSW incinerator ash and other non-hazardous waste. For new commercial Class 3 landfills, allowable tonnage is calculated using:

- **100 percent of the host county generation;** and
- **50 percent of the waste generated in other counties within the planning area.** (None is counted from other counties that have an existing Class 3 landfill.)

Class 3 landfills have a 75-mile planning radius. (See pages 116 and 117 for a map detailing Class 3 landfill locations and planning radii.)

The yearly disposal rate at an existing landfill is allowed to increase only if the facility is within 20 percent of its permitted disposal rate (i.e., the amount of waste

disposed of per year is 80 percent or more of the annual permitted capacity). If a Class 3 landfill qualifies for an increase, it can receive the lesser of the amount that disposal in South Carolina has increased since the facility last received a permitted increase or 150,000 tons.

In addition, the allowable yearly disposal rate at any Class 3 landfill cannot exceed 30 percent of the total solid waste generated in South Carolina that is destined for disposal in Class 3 landfills. Class 3 landfills operating on the effective date of the regulation are allowed variances from certain DON requirements. See Table 11.3 for Class 3 waste generated for disposal by county for use in DON.

### SOLID WASTE INCINERATORS

The yearly throughput for a solid waste incinerator is based on the manufacturer's design of the incinerator, but it cannot exceed 600 tons per day. The DON regulation does not apply to air curtain incinerators that receive only wood waste and yard trimmings. The planning area for a solid waste incinerator is 75 miles. There are no permitted MSW incinerators in the state.

### SOLID WASTE PROCESSING FACILITIES

The maximum allowable yearly throughput of a solid waste processing facility that processes waste destined for disposal at a Class 3 landfill is equal to:

- **100 percent of the solid waste destined for disposal that is generated in the host county;** and
- **50 percent of the waste generated in each county other than the host county,** that falls wholly or partially within the 75-mile planning radius.

See pages 118-119 for a map detailing Class 3 Solid Waste Processing Facility locations and planning radii.



**TABLE 11.2: Class 2 Waste Generated for Disposal in Tons for Use in Demonstration of Need**

COUNTY	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Abbeville	13,510	4,550	6,597	3,256	2,554	8,180	7,049	5,527	6,719	7,091	5,892	6,495	5,460
Aiken	88,717	79,529	90,100	102,927	22,443	81,575	78,348	76,801	81,383	89,518	99,419	93,335	115,014
Allendale	1,578	3,128	2,354	2,171	1,509	1,586	10,482	3,440	3,081	4,060	3,631	9,429	4,951
Anderson	37,316	35,817	51,311	70,823	63,670	48,079	45,256	64,807	72,508	67,203	72,422	56,114	67,775
Bamberg	4,883	4,811	6,175	6,381	126	18,871	5,357	13,693	5,609	5,730	5,446	7,339	5,925
Barnwell	8,329	10,411	10,921	10,700	11,686	11,868	9,481	6,604	7,539	7,588	9,934	8,407	8,211
Beaufort	121,464	139,916	141,752	130,391	86,288	67,541	60,050	61,081	65,464	68,058	61,195	53,698	86,587
Berkeley	66,023	73,228	101,411	98,516	121,267	54,266	33,890	34,347	51,025	42,724	46,897	61,378	55,732
Calhoun	4,139	3,554	4,474	3,176	3,057	3,501	3,932	3,109	2,369	3,288	2,818	2,047	2,327
Charleston	296,129	281,444	333,332	341,113	440,913	239,234	208,667	157,689	149,081	207,029	216,115	260,770	294,225
Cherokee	10,658	21,604	16,240	9,818	10,402	10,613	15,509	23,385	23,853	15,844	14,412	18,518	21,356
Chester	21,894	4,373	73,343	4,517	251,972	20,566	21,426	30,200	18,907	19,477	10,118	14,859	53,538
Chesterfield	12,805	16,194	14,738	12,181	0	11,855	11,946	11,373	15,453	24,320	16,920	12,180	21,240
Clarendon	5,500	9,296	8,951	10,288	7,352	10,194	9,491	10,086	10,086	9,800	9,764*	10,588	11,786
Colleton	13,157	13,823	17,439	20,900	23,668	19,522	21,577	16,966	15,501	17,066	19,598	13,344	15,872
Darlington	12,614	17,358	16,264	16,755	11,721	16,100	23,934	24,681	20,946	19,088	21,349	16,191	18,999
Dillon	11,412	40,344	8,352	10,549	11,233	11,310	8,342	10,263	9,817	7,729	9,105	12,151	8,799
Dorchester	0	63,910	77,295	82,099	94,641	57,612	24,130	33,078	36,249	38,540	31,931	44,030	96,305
Edgefield	3,442	3,244	13,116	12,479	6,119	9,644	5,145	2,919	6,015	8,693	3,671	7,561	11,115
Fairfield	126	209	399	284	780	343	859	1,510	614	1,103	1,801	605	1,708
Florence	93,715	34,114	27,002	54,069	323,917	96,557	121,928	70,964	70,274	94,574	108,384	129,379	83,482
Georgetown	33,680	30,087	51,581	34,270	49,886	27,765	26,558	22,886	17,431	24,573	11,082	5,512	5,117
Greenville	87,157	142,780	163,834	161,738	210,924	168,463	145,991	185,015	165,827	193,009	184,304	206,475	220,050

COUNTY	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Greenwood	8,908	14,696	20,174	26,714	21,063	28,908	13,838	29,587	9,221	8,843	22,847	21,212	17,283
Hampton	7,444	8,590	7,786	8,993	7,462	10,466	3,001	3,901	2,837	3,408	3,039	13,428	8,766
Horry	170,856	155,676	226,672	332,583	141,007	109,953	82,451	80,687	90,370	90,065	104,537	132,218	143,047
Jasper	812	176	3,681	4,907	5,837	3,137	3,047	3,885	3,500	4,321	4,339	4,486	4,971
Kershaw	33,277	41,925	52,688	42,346	41,652	41,026	95,973	38,343	34,417	41,415	28,500	27,184	28,208
Lancaster	34,009	31,067	26,798	27,344	65,801	29,834	47,791	46,699	57,214	55,438	42,678	27,852	223
Laurens	19,634	6,655	11,435	16,860	12,811	7,359	9,990	13,982	18,761	13,154	14,527	11,892	11,130
Lee	0	0	0	0	0	0	0	152	81	0	0	0	39
Lexington	239,924	246,785	237,178	217,465	223,503	153,665	141,975	139,902	130,366	166,322	158,043	161,370*	181,466
Marion	16,493	29,818	62,965	31,299	19,419	18,875	12,642	14,459	7,846	11,712	40,577	35,715	29,378
Marlboro	1,040	845	1,212	2,491	0	10,486	7,810	10,219	7,850	7,366	6,272	6,833	6,507
McCormick	957	1,335	4,409	1,669	1,009	1,023	1,616	349	572	820	652	1,169	1,110
Newberry	997	1,098	2,263	1,219	10,577	7,024	7,657	7,430	8,339	8,675	11,557	17,973	13,876
Oconee	29,279	19,867	23,838	26,385	24,337	22,577	20,181	19,753	72	16,109	18,361	22,234	26,046
Orangeburg	24,097	20,915	26,419	27,360	50,573	29,922	24,581	20,653	17,693	17,362	14,479	19,225	24,164
Pickens	23,880	34,754	17,951	20,807	21,867	19,806	15,726	17,229	18,417	15,547	17,166	18,785	20,170
Richland	206,332	216,945	216,246	196,701	198,115	199,056	123,076	217,915	199,102	225,910	266,021	290,518	261,813
Saluda	1,176	1,149	1,960	1,465	1,614	1,601	1,521	416	376	818	1,331	1,558	1,760
Spartanburg	71,553	71,917	71,047	72,161	80,217	65,229	60,479	91,667	94,359	89,547	74,514	92,602	104,953
Sumter	42,747	38,934	55,714	50,625	50,656	4,193	46,213	43,228	44,695	45,311	41,427	43,926	54,806
Union	1,018	1,236	8,421	2	6	3,082	3,790	5,273	7,416	2,595	27	41	108
Williamsburg	2,585	2,386	7,220	6,491	3,280	3,860	2,786	4,065	4,594	5,339	3,772	5,338	4,154
York	99,277	98,029	97,493	125,969	113,171	74,202	76,603	81,573	115,906	76,077	82,750	97,743	104,724
<b>TOTAL</b>	<b>1,984,543</b>	<b>2,078,522</b>	<b>2,420,551</b>	<b>2,441,257</b>	<b>2,850,105</b>	<b>1,840,529</b>	<b>1,702,095</b>	<b>1,761,791</b>	<b>1,729,760</b>	<b>1,882,260</b>	<b>1,913,863</b>	<b>2,103,707</b>	<b>2,264,273</b>

**NOTE:** This data is used for calculating annual tonnage limits as related to R.61-107.17 - effective June 26, 2009. The historical data reported has been adjusted to reflect changes in the DON regulation.

\*This tonnage was updated based on Clarendon County's Class 2 FY14 Landfill Report.

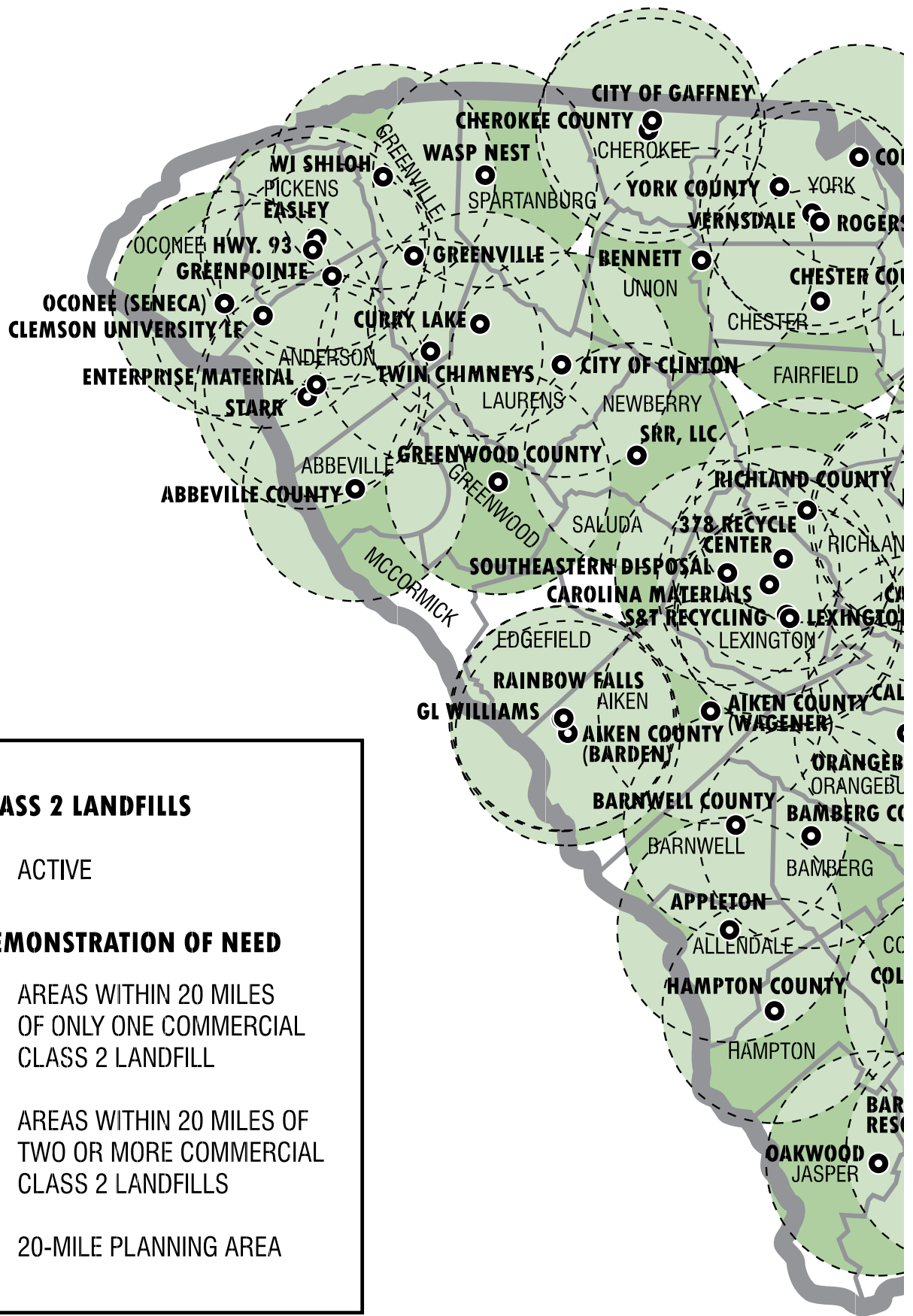


**TABLE 11.3: Class 3 Waste Generated for Disposal in Tons for Use in Demonstration of Need**

COUNTY	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Abbeville	18,817	15,836	17,219	17,959	15,611	13,987	13,874	15,844	15,874	17,416	20,811	14,533	15,695
Aiken	149,515	131,285	101,563	125,796	127,491	120,058	114,556	131,596	133,030	110,039	120,724	113,762	124,648
Allendale	5,903	6,990	5,813	10,990	7,932	7,209	6,522	6,268	6,593	5,344	7,833	8,987	7,248
Anderson	148,849	161,610	138,783	130,509	135,794	115,667	130,955	131,034	156,567	110,994	132,288	157,902	182,188
Bamberg	11,652	11,280	11,857	10,665	10,799	10,457	9,461	9,505	9,221	9,610	10,173	9,142	9,913
Barnwell	19,373	20,128	17,683	19,488	17,474	15,705	15,753	14,839	13,870	14,184	14,761	19,413	19,583
Beaufort	167,383	181,849	199,029	177,278	163,868	177,291	148,470	149,520	140,405	141,785	142,490	155,081	157,874
Berkeley	353,891	314,269	379,387	636,603	501,690	339,890	324,793	310,367	329,172	321,016	290,429	281,704	268,092
Calhoun	8,660	12,143	10,615	11,109	11,100	15,331	23,062	19,165	18,299	23,926	14,392	13,970	17,013
Charleston	391,841	285,117	256,089	281,938	270,676	274,636	325,997	497,192	646,461	416,222	415,193	624,004	462,841
Cherokee	71,332	71,145	69,106	88,008	52,137	77,652	85,767	143,803	97,121	86,507	81,073	79,813	55,733
Chester	37,070	37,847	43,496	33,323	63,758	30,115	26,297	23,799	27,785	20,945	24,378	33,673	37,671
Chesterfield	21,941	20,206	17,543	15,168	15,428	13,572	18,335	19,282	18,615	16,002	12,837	24,104	24,106
Clarendon	18,403	8,112	10,671	16,377	16,364	15,514	15,644	14,988	14,271	13,649	12,689	12,658	13,023
Colleton	35,071	38,826	39,014	39,358	44,683	38,032	100,137	35,435	32,485	32,421	32,486	35,471	70,357
Darlington	52,057	51,823	47,333	70,796	88,008	90,953	38,461	37,736	55,183	40,227	69,572	44,173	45,612
Dillon	26,970	34,416	31,492	38,616	35,317	25,246	24,321	20,698	26,619	20,006	29,507	19,797	20,836
Dorchester	163,930	139,405	149,202	121,366	125,826	123,105	98,774	89,423	80,904	81,370	108,820	116,592	125,117
Edgefield	13,969	13,406	13,371	14,473	15,531	15,158	13,119	12,096	14,532	12,431	17,978	18,631	16,949
Fairfield	22,546	21,981	20,721	22,041	21,306	22,927	21,214	20,804	21,438	24,338	103,560	24,248	25,412
Florence	152,909	154,874	149,919	135,663	139,811	165,766	132,582	237,630	143,999	140,552	62,977	135,703	127,487
Georgetown	49,736	50,709	54,719	51,870	42,675	43,011	48,446	58,651	54,806	61,184	74,359	99,517	74,721
Greenville	589,204	673,249	674,574	682,511	602,825	526,402	451,344	433,490	430,666	533,138	432,923	484,572	545,618

COUNTY	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
Greenwood	109,407	120,320	117,341	112,858	102,693	84,863	98,963	79,053	82,206	95,435	77,371	88,275	97,423
Hampton	18,188	22,991	17,322	18,609	18,266	12,561	13,179	11,738	11,347	11,664	11,301	10,899	10,446
Horry	227,469	222,935	237,582	246,126	248,988	235,314	228,843	227,395	223,915	225,744	237,932	239,694	258,885
Jasper	27,039	22,100	22,050	32,139	32,966	30,904	18,928	13,508	19,992	19,706	21,405	15,765	15,486
Kershaw	40,162	44,233	43,368	41,904	37,705	37,240	43,691	33,342	45,040	36,894	36,612	43,669	46,730
Lancaster	35,623	31,561	33,842	30,489	34,114	30,054	28,506	30,619	30,151	27,494	27,532	40,664	41,871
Laurens	51,636	73,090	49,210	42,475	39,671	42,978	45,586	48,658	39,205	30,929	33,877	43,838	41,155
Lee	14,981	15,425	14,737	14,941	15,837	14,637	71,965	82,942	97,272	89,214	80,549	90,343	84,141
Lexington	256,226	171,692	193,268	190,583	188,295	171,124	169,820	160,941	184,188	207,563	174,850	188,227	229,414
Marion	21,673	14,380	21,683	26,141	30,454	21,241	18,733	17,015	8,879	16,576	11,645	19,932	22,671
Marlboro	21,815	12,004	13,276	12,332	10,314	12,063	14,913	15,547	14,653	17,082	28,715	15,322	21,227
McCormick	5,183	4,858	4,524	4,505	4,232	4,264	5,120	5,099	4,611	4,215	4,225	4,547	4,684
Newberry	48,591	50,420	49,951	48,603	39,330	40,574	41,072	38,657	37,991	40,422	40,731	45,919	53,611
Oconee	45,533	49,368	53,302	56,408	54,865	49,338	51,269	49,056	50,767	43,655	20,968	76,007	68,399
Orangeburg	92,969	94,382	100,988	89,386	79,245	75,717	70,448	72,983	90,870	114,552	82,593	85,572	81,044
Pickens	59,873	54,966	51,255	58,104	52,715	53,494	52,257	57,259	55,259	51,939	64,786	59,949	61,557
Richland	349,087	341,907	376,435	354,977	353,135	348,475	457,204	376,749	360,689	330,810	317,862	308,418	313,676
Saluda	9,684	14,687	11,870	11,116	11,025	9,680	12,673	22,074	42,534	8,052	8,507	8,707	9,286
Spartanburg	373,060	351,908	381,084	381,750	484,612	412,680	476,809	562,235	452,484	389,482	458,943	463,065	456,338
Sumter	135,220	156,345	163,056	108,801	101,854	94,452	86,824	84,673	78,304	76,653	60,930	101,659	75,257
Union	18,988	28,309	14,178	18,775	19,803	30,702	20,335	20,217	21,802	18,731	16,397	21,197	18,099
Williamsburg	25,582	28,259	39,045	45,506	79,698	52,614	34,282	17,842	9,620	11,176	7,914	7,181	8,976
York	152,150	166,059	161,476	167,139	160,675	172,941	148,718	141,161	143,618	215,786	144,308	220,219	175,690
<b>TOTAL</b>	<b>4,671,161</b>	<b>4,548,705</b>	<b>4,650,042</b>	<b>4,865,572</b>	<b>4,726,596</b>	<b>4,315,594</b>	<b>4,398,022</b>	<b>4,601,925</b>	<b>4,593,310</b>	<b>4,337,078</b>	<b>4,202,204</b>	<b>4,726,520*</b>	<b>4,643,802</b>

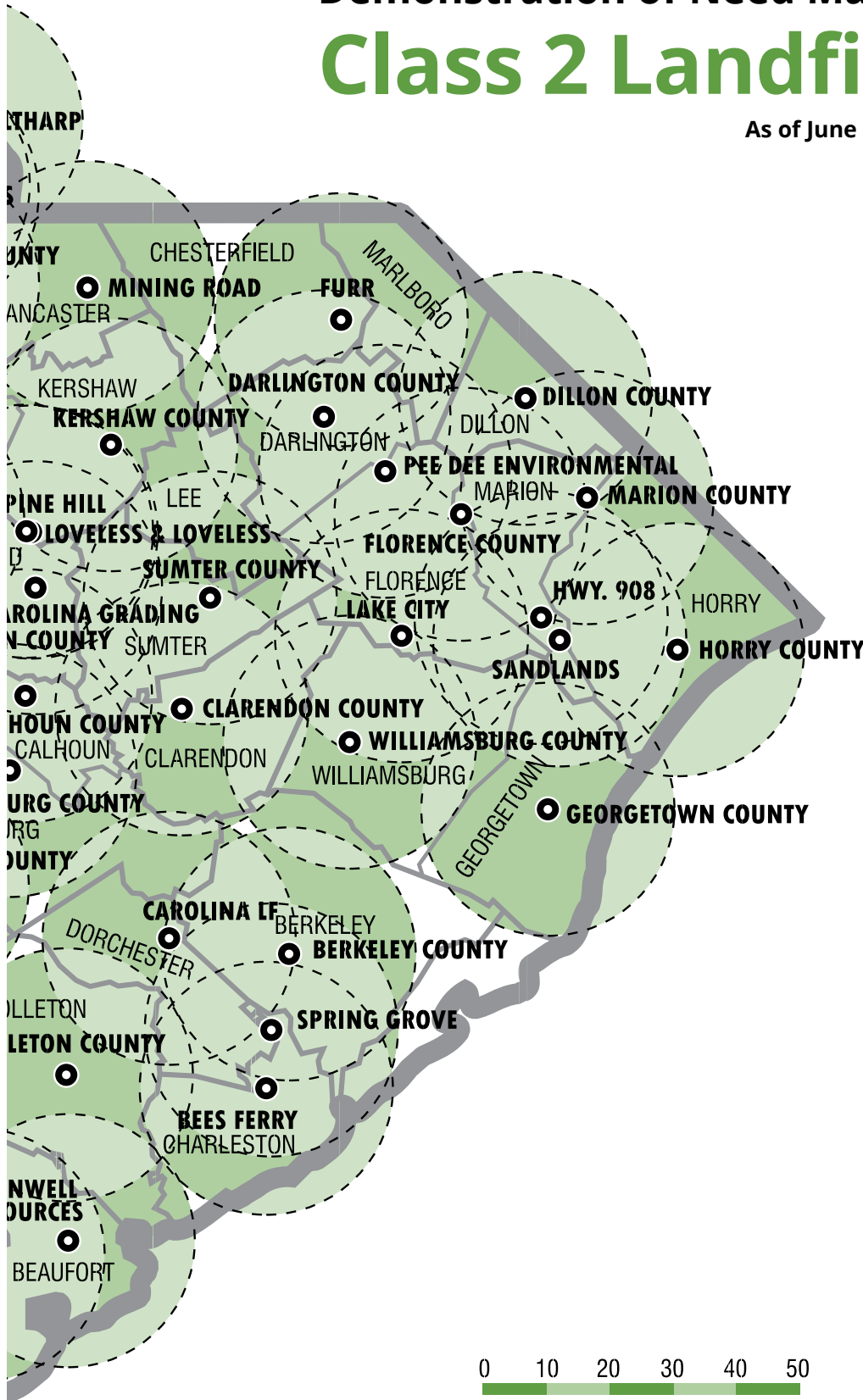
**NOTE:** This data is used for calculating annual tonnage limits as related to R.61-107.17 - effective June 26, 2009. The historical data reported has been adjusted to reflect changes in the DON regulation. \*This amount does not include 128 tons exported to Georgia that is not listed by county.



# Demonstration of Need Map

## Class 2 Landfills

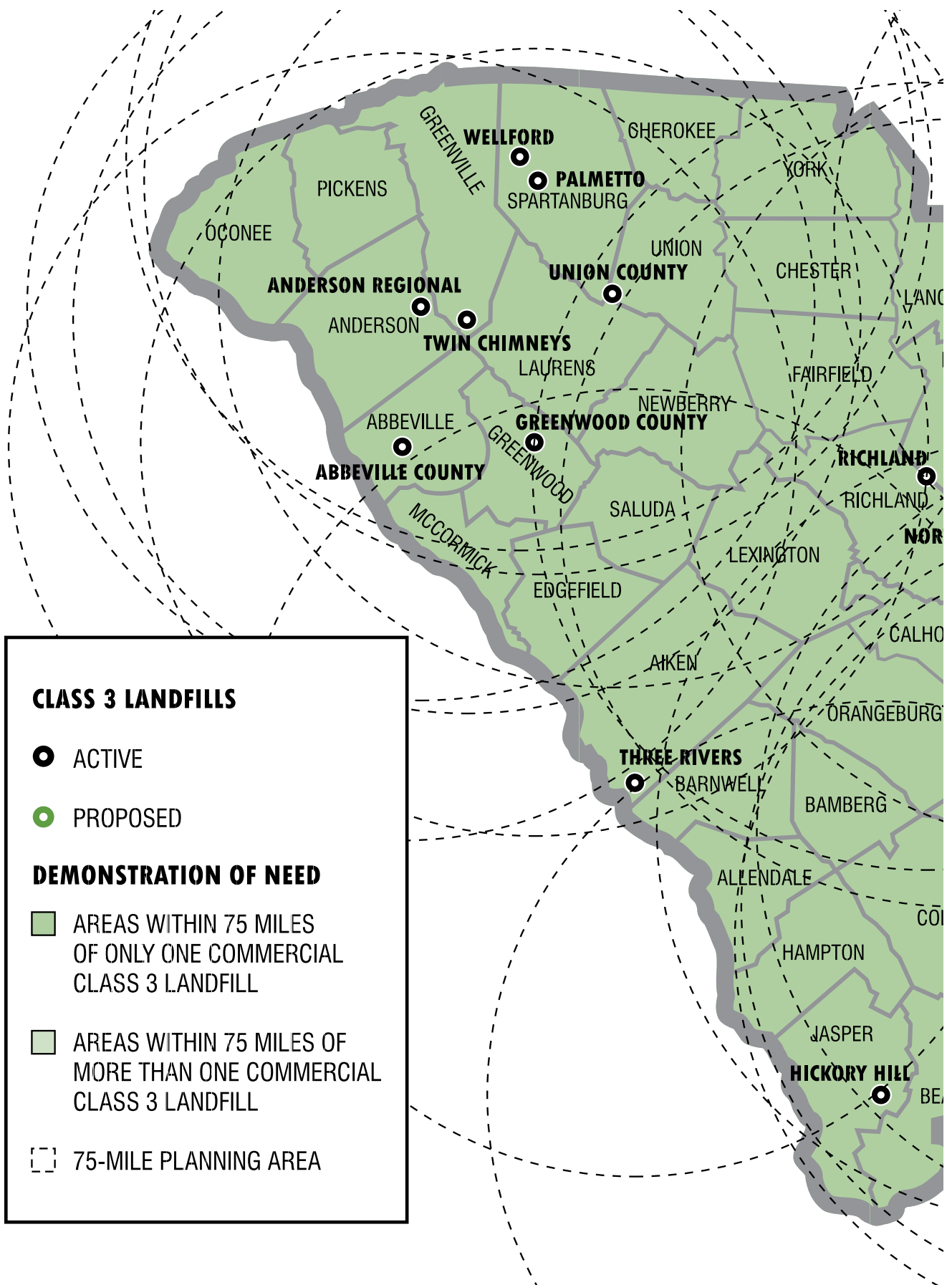
As of June 30, 2016



### CLASS 2

- Limits waste streams as specified in Regulation 61-107.19 SWM: Solid Waste Landfills and Structural Fill
- Waste that is characterized as less than 10 times the maximum contaminant level (MCL) and approved by DHEC may be added to the permit for acceptance/disposal
- **Operational Criteria:**
  - Unauthorized waste may be stored at the facility for 30 days; except that putrescible waste must be removed within 72 hours
  - An annual survey to determine landfill capacity used and the remaining permitted capacity may be required on a case-by-case basis
  - Require scales – but exempts scales for facilities permitted for less than 10,000 tons per year and on-site landfills
- **Design Criteria:**
  - Require settlement calculations on the bottom elevation
  - Require DHEC to inspect the landfill prior to waste placement
  - Set cap requirements at 2 feet of soil
  - Establish certain buffers when "Notice of Intent to File a Permit Application" is published
  - Require groundwater monitoring and corrective action
  - Set post-closure (20 years)
  - Require closure and post-closure financial assurance

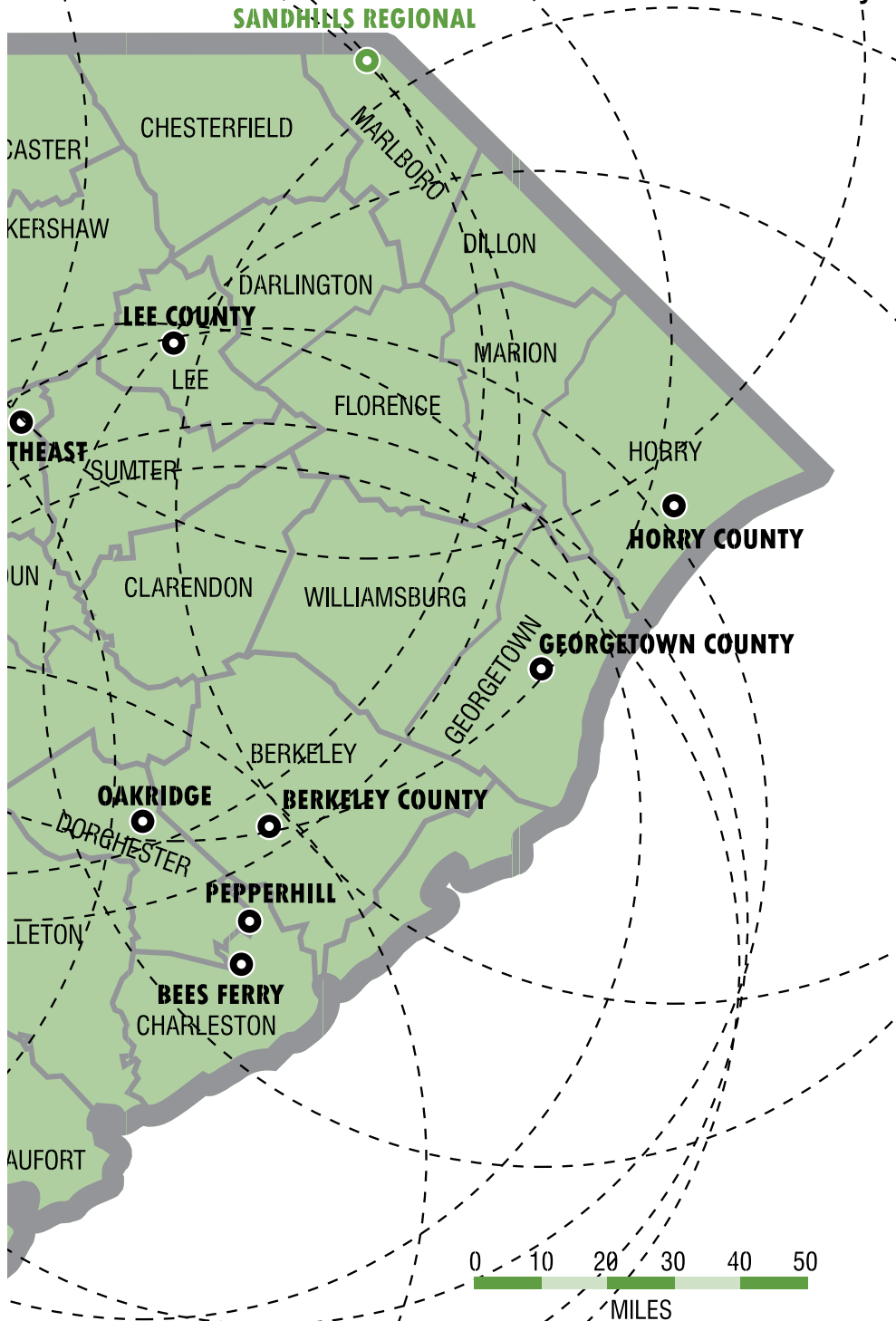
SOURCE: [www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf](http://www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf)



# Demonstration of Need Map

## Class 3 Landfills

As of June 30, 2016

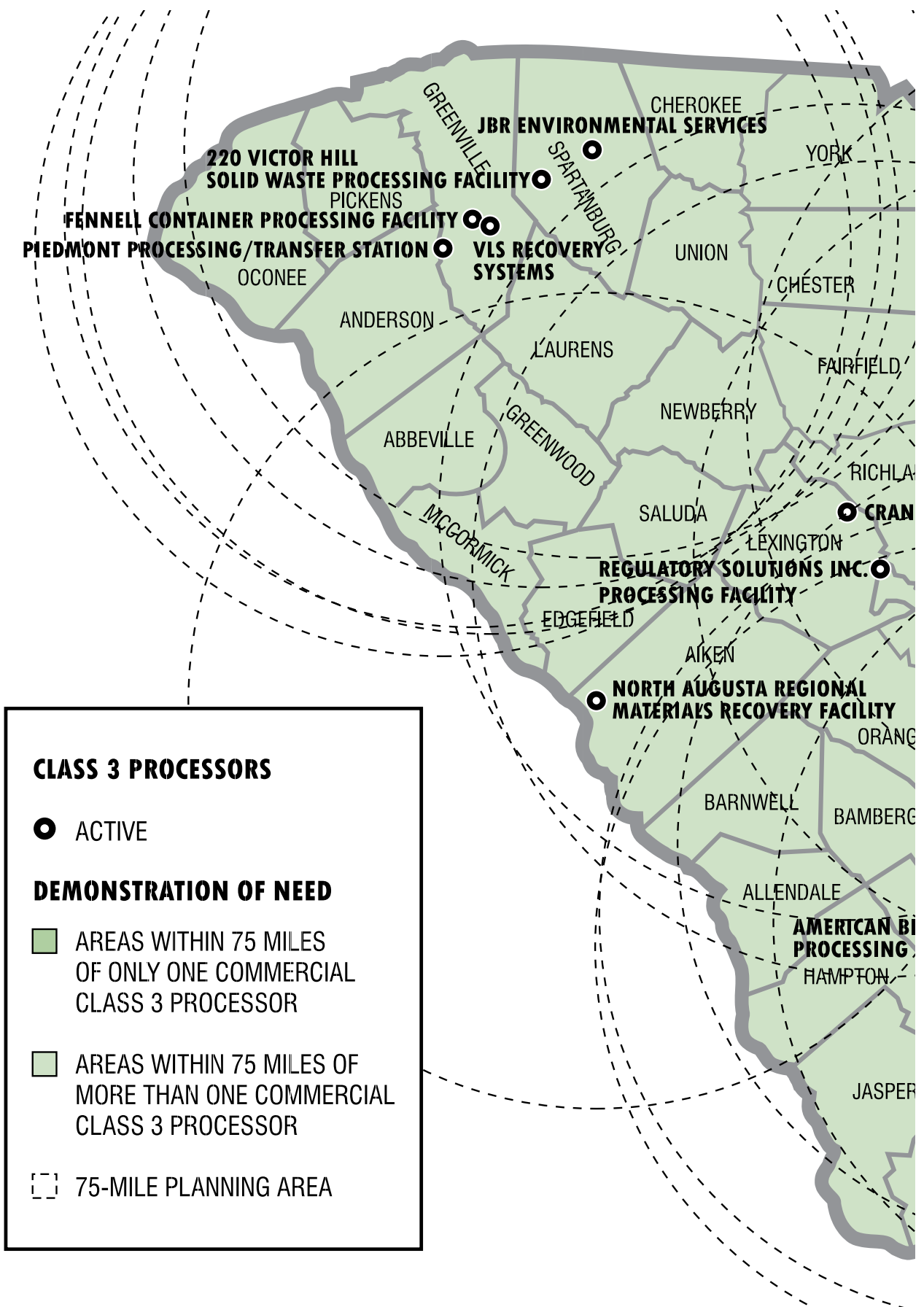


### CLASS 3

- Requires waste characterization through the Special Waste Analysis and Implementation Plan
- Requirement to inspect 10 percent of incoming loads
- Landfills that were permitted as Industrial Solid Waste Landfills prior to the effective date of this regulation are exempt from design criteria provided the waste streams remain below 30 times the MCLs
- Leachate recirculation allowed under permit modification
- Buffers established when "Notice of Intent to File a Permit Application" is published
- Notification required within 72 hours of receipt of hazardous or PCB wastes
- Monofills that accept coal combustion by-products testing less than 10 times MCL can be constructed with a clay liner system
- Slope-stability requirements
- Certification testing of cap to include:
  - One permeability test per acre
  - Four density/thickness tests per acre

SOURCE: [www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf](http://www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf)

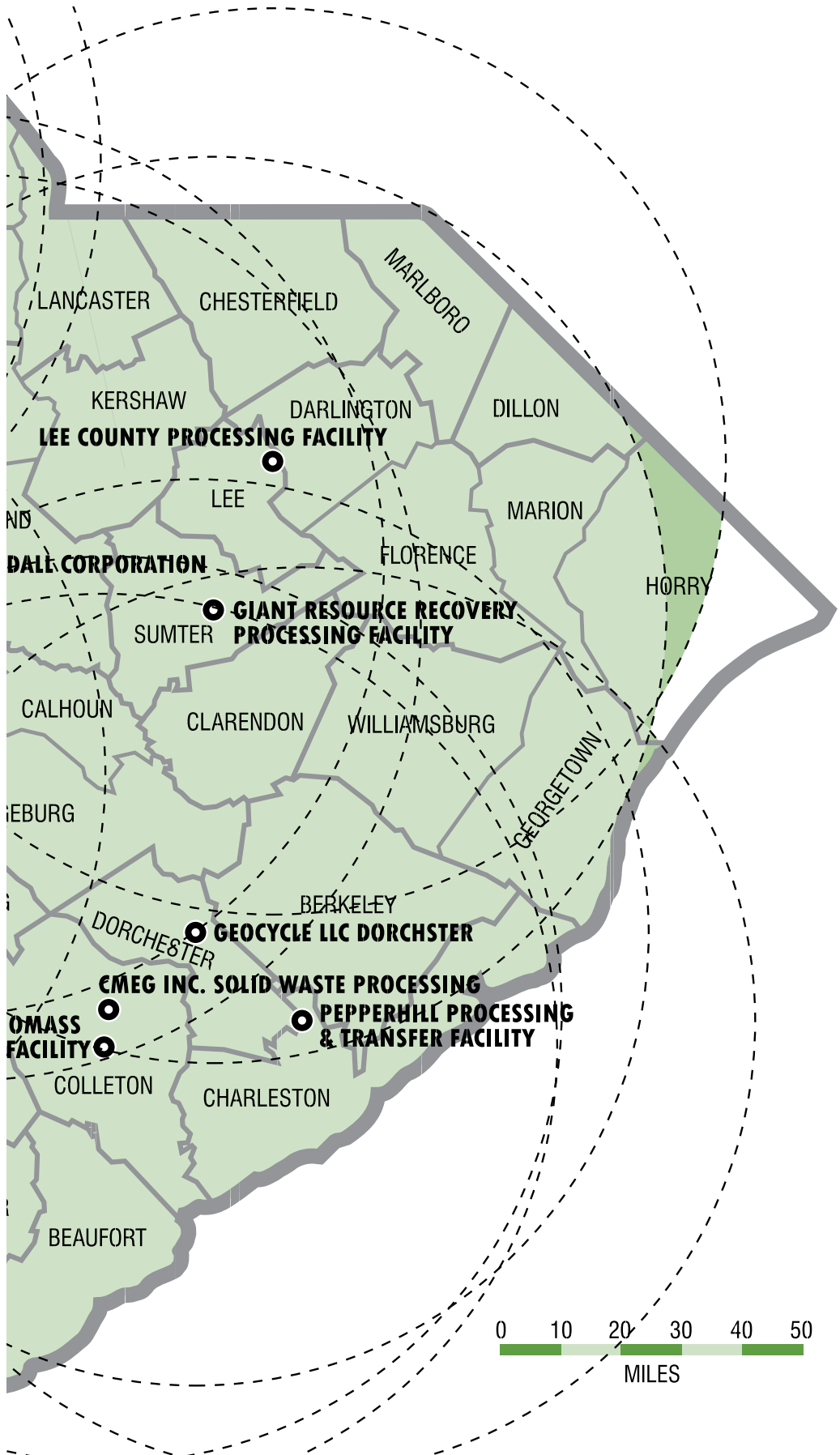




Demonstration of Need Map

# Class 3 Solid Waste Processing Facilities

As of June 30, 2016





<b>Printed April 2017</b>	<b>Total Printing Cost: \$0.00</b>	<b>Number Printed: 500</b>	<b>Cost Per Unit: \$0.00</b>
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**RECYCLE** donation steel cans reuse  
demonstration of need

**COMPOST** commodities **PLANNING**  
sustainability NATURAL RESOURCES food bank

**food recovery** growth TIRES tons **environment**  
CURBSIDE RECYCLING LANDFILL plastic

**economic impact**  
capacity **disposal** cost

**garbage** electronics markets generation  
revenue INVESTMENT roll cart  
EDUCATION **conservation**  
construction & demolition debris

**waste reduction**  
waste to energy OIL **glass** PAPER  
tipping fee recycling rate MOTOR OIL  
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way savings **recycling bin**  
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