



South Carolina

# Solid Waste Management

Annual Report • Fiscal Year 2013

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S.C. Department of Health and Environmental Control





# Introduction

## SECTION 1

The mission of the S.C. Department of Health and Environmental Control (DHEC) is to protect human health and the environment. Safe and efficient management of solid waste is an essential part of that responsibility.

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-10 et seq. – supports this mission by establishing a comprehensive framework for the proper management of solid waste. For example, the Act:

- authorizes DHEC to establish solid waste regulations;
- requires DHEC to develop a state solid waste management plan (State Plan) and for county governments or regions to develop plans that are consistent with the State Plan; and
- sets statewide recycling and waste reduction goals.

The Act – S.C. Code of Laws § 44-96-60 – also mandates that DHEC publish an annual report – based in part on the information that counties and permitted solid waste facilities are required to provide – on solid waste management for the previous fiscal year (FY). The “South Carolina Solid Waste Management Annual Report” must be submitted to the Governor and General Assembly annually by March 15.

This report includes:

- detailed information (by county and statewide) on the amount of material recycled by commodity (e.g., glass, metal, paper, plastic, banned items, miscellaneous items and commingled recyclables);

- a summary of the state’s used motor oil recycling program targeting do-it-yourself oil changers;
- recycling data for state agencies and colleges/universities;
- key state programs that assist local governments in meeting the requirements of the Act including the state’s recycling and waste reduction goals;
- a summary of the economic benefits of recycling;
- the amount and type of solid waste disposed of as well as a list of permitted solid waste facilities;
- solid waste import and export data;
- remaining life estimates for landfills;
- planning and demonstration of need; and
- recommendations for improving solid waste management.

This report – which reflects solid waste management activities in FY 2013 (July 1, 2012 to June 30, 2013) – measures and defines two types of solid waste: municipal solid waste (MSW); and total solid waste (TSW).

*Continued on the following page*



## Table of Contents

SECTION 1: Introduction .....	1
SECTION 2: Executive Summary .....	3
SECTION 3: Recommendations for Improving Solid Waste Management .....	7
SECTION 4: Recycling’s Economic Impact .....	15
The Local Cost of Solid Waste Management .....	21
SECTION 5: Recycling by Commodity .....	22
Commingled Collection .....	30

SECTION 6: Used Motor Oil Recycling .....	31
SECTION 7: Recycling: State Agencies & Colleges/Universities ..	34
SECTION 8: Recycling: The State & Counties at a Glance .....	39
SECTION 9: Disposal .....	87
Import and Export of Solid Waste .....	89
State & County MSW Recycling, Disposal & Generation Rates .....	97
SECTION 10: Permitted Solid Waste Facilities .....	102
SECTION 11: Solid Waste Planning .....	107

MSW is mostly comprised of waste generated by households, businesses, institutions, offices and non-profits. TSW is comprised of MSW as well as construction and demolition debris, land-clearing debris and industrial solid waste. See Table 2.2 for the definitions of MSW and TSW.

The distinctions between TSW and MSW are important. TSW, for example, includes all solid waste and provides a more comprehensive look at how much material is generated, disposed of and kept out of landfills by recycling. MSW, conversely, is limited and reflects specific activities and material.

The Act – S.C. Code of Laws § 44-96-80 – requires each county to report annually the amount of MSW recycled within its jurisdiction to DHEC. The Act – S.C. Code of Laws §§ 44-96-10 et seq. – and subsequent regulation (R.61.107.19) also requires permitted public and private solid waste landfills to report annually the amount and type of solid waste disposed of to DHEC.

In 1991, the state’s recycling and disposal goals were based on TSW. In 2000, the state adopted the U.S. Environmental Protection Agency’s definition for measuring MSW with some exceptions.

DHEC set new MSW waste reduction and recycling goals in the FY11 report. The state’s goals are by 2020 to:

- recycle 40 percent or more of its MSW; and
- reduce the average disposal to 3.25 pounds per person per day or less.

*DHEC set new waste reduction and recycling goals in FY11 to be reached by 2020.*

*The goals are to recycle 40 percent of the state’s MSW and reduce disposal to 3.25 pounds per person per day.*

## Recycling Rate Equation

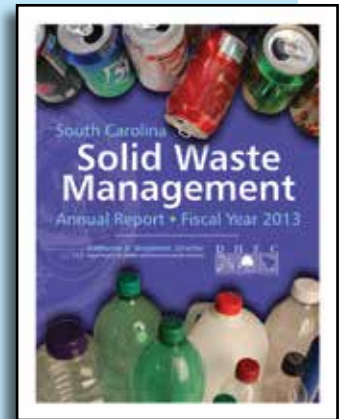
The equation below is used for calculating the MSW and TSW recycling rates.

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

\*Generated = Recycled + Disposed Of

## About this Report

The “South Carolina Solid Waste Management Annual Report for Fiscal Year 2013” 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). Additionally, Act 119 of 2005 mandates that agencies provide all reports to the General Assembly in an electronic format.



This report was published on March 15, 2014 by DHEC’s Division of Mining and Solid Waste Management.

The report serves as an update to the State Plan.

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## Methodology

County governments, state agencies and state-supported colleges and universities are required to report annually to DHEC on their recycling efforts. Permitted solid waste facilities also are required to submit annual reports to DHEC on their disposal activities.

In addition, recycling data is collected from municipalities, businesses and the recycling industry. These entities are not required to report; therefore, data collection from these sources is inconsistent from year to year. The data collected is allocated to the counties where the material was generated.

Recycling data is compiled and carefully vetted. Disposal data also is collected and vetted as well as allocated to the county of generation. Recycling and disposal data are then combined to arrive at the solid waste generation tonnage.

## When Using this Report

When reviewing the tables in this report, it is important to note that – generally – 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 of numbers.



# Executive Summary

## SECTION 2

This report provides a comprehensive overview of the amount of solid waste generated, disposed of and recycled in South Carolina for fiscal year (FY) 2013 (July 1, 2012 to June 30, 2013) as required by the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-60.

Two specific types of waste – municipal solid waste (MSW) and total solid waste (TSW) are defined and measured. As required by the Act, the focus of this report is on MSW.

The amount of MSW generated (disposed of plus recycled) was 4,357,812 tons. Of that amount:

*More than 1.3 million tons of MSW were recycled in FY13 – the most since FY07.*

- 1,371,960 tons (31.5 percent) were recycled; and
- 2,985,852 tons (68.5 percent) were disposed of in MSW landfills (including MSW generated in South Carolina, but disposed of out of state).

Here are additional MSW data indicators from FY13.

- The amount of MSW recycled increased 142,860 tons (more than 11 percent) in FY13.
- The state’s MSW recycling rate improved from 29.5 percent in FY12 to 31.5 percent in FY13. This is the fourth straight year the rate has increased. (See Chart 2.3.)

- The per capita MSW recycling rate also increased. On average, each South Carolinian recycled 1.59 pounds per person per day (p/p/d) in FY13 – up from 1.44 p/p/d in FY12.
- On average, each South Carolinian recycled more than 580 pounds of MSW in FY13.
- Electronics recycling jumped from 9,258 tons in FY12 to 11,560 tons in FY13 – about a 25 percent increase.
- Local governments reported earning more than \$9 million from the sale of recyclables in FY13 and more than \$67 million since FY07.

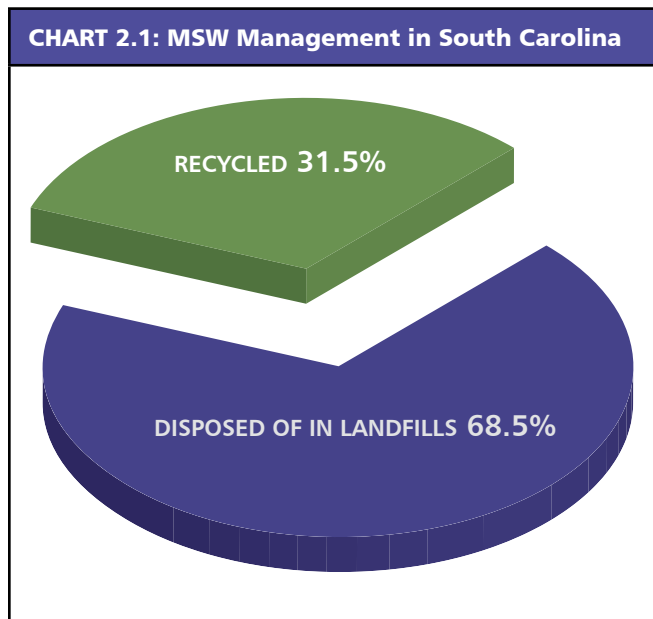


TABLE 2.2: What is MSW and TSW?	
South Carolina voluntarily adopted the U.S. Environmental Protection Agency’s (EPA) definition of MSW in 2000.	
EXAMPLES OF MSW	EXAMPLES OF TSW
MSW is defined as paper, cans, bottles, food scraps, yard trimmings, packaging and other items. MSW may be generated by residential, commercial, institutional and industrial sources. South Carolina expanded its MSW definition (beyond EPA’s definition) to include tire-derived fuel, yard trimmings used as boiler fuel and used motor oil from do-it-yourselfers.	TSW includes MSW as well as industrial process waste (e.g., scraps and by-products from the manufacturing process), construction and demolition (C&D) debris, land-clearing debris, automobile bodies, combustion ash and other items.

- The amount of MSW disposed of in FY13 increased nearly 50,000 tons (almost 2 percent) from the previous FY's total of 2,935,876 tons.
- MSW per capita disposal increased for the first time in eight years from 3.4 p/p/d in FY12 to 3.5 p/p/d in FY13.

The TSW recycling rate improved to more than 49 percent in FY13.

The amount of TSW recycled increased about 45 percent from 5.3 million tons in FY12 to more than 7.7 million tons in FY13.

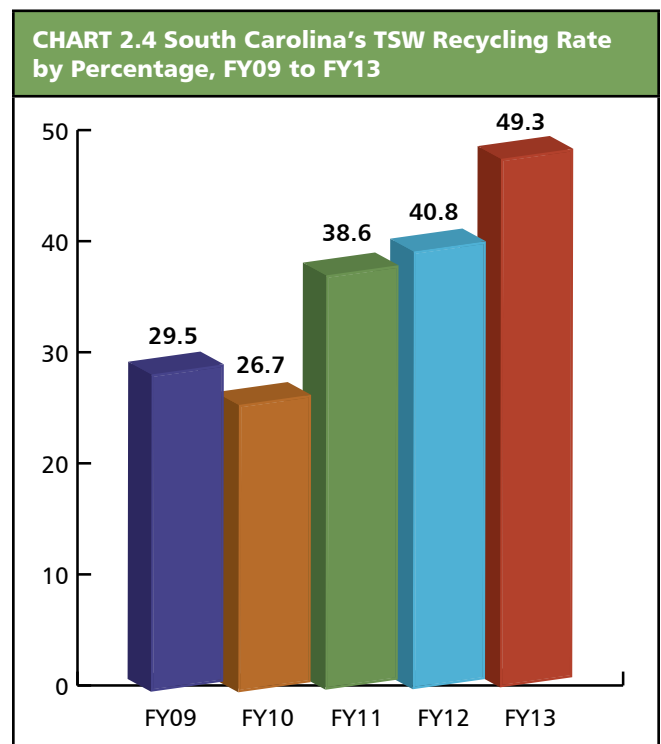
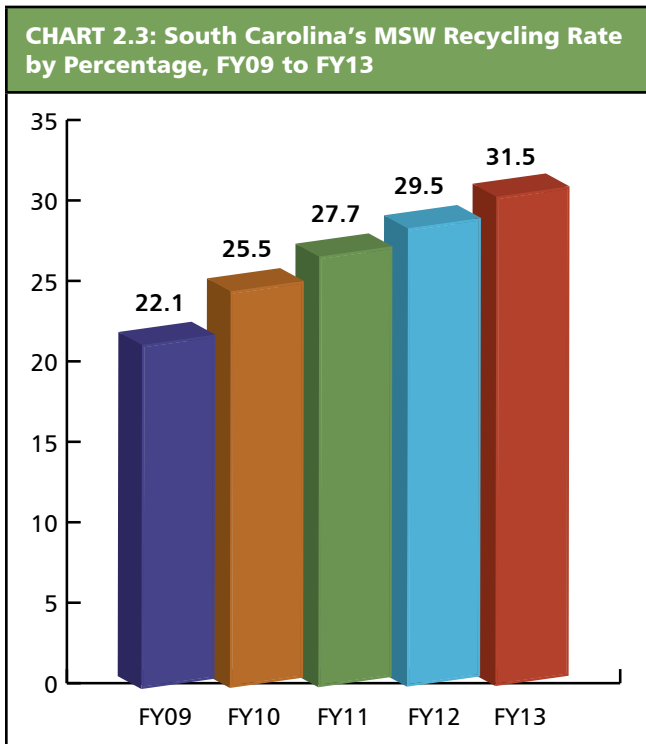
*The amount of TSW recycled improved to more than 49 percent in FY13.*

Of the 7.7 million tons recycled, the majority (53 percent) of the material was yard trimmings that were recycled into mulch and compost or used as boiler fuel.

Overall, the amount of TSW generated increased from more than 13 million tons in FY12 to more than 15 million tons in FY13.

TSW per capita disposal increased from 9 p/p/d in FY12 to 9.2 p/p/d in FY13.

*Of the 7.7 million tons recycled, the majority (53 percent) of the material was yard trimmings.*



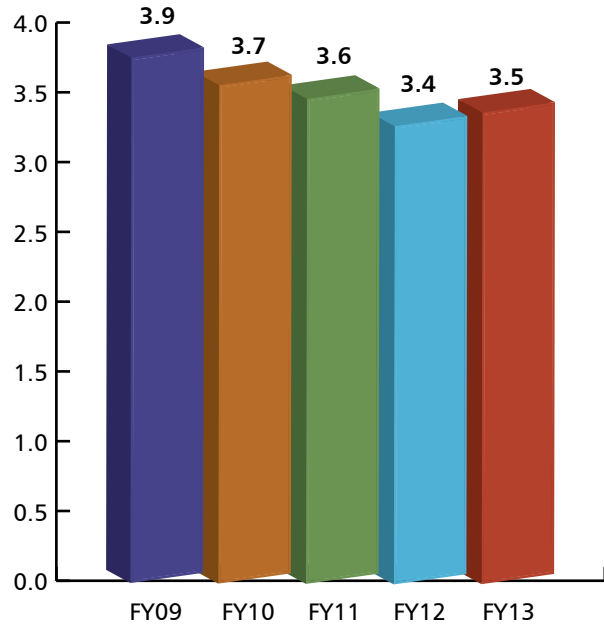
South Carolinians recycled **31.5%** of all MSW in FY13.

MSW recycling increased more than **11%** from FY12 to FY13.

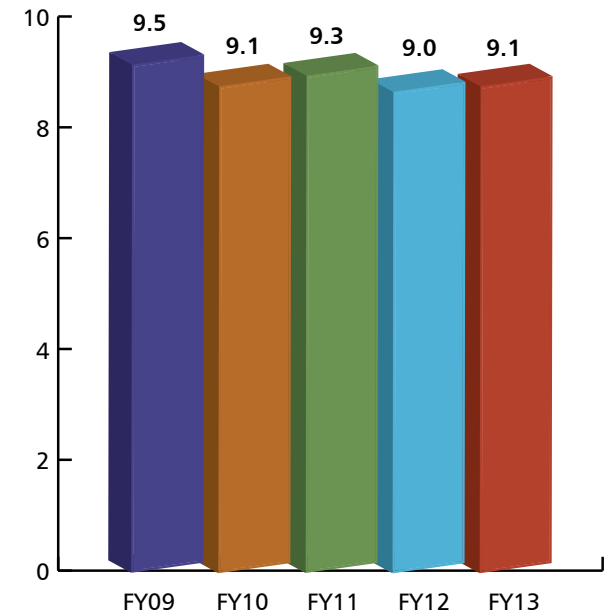
Household electronics recycling increased about **25%** from FY12 to FY13.

Each South Carolinian recycled more than **580** pounds of MSW in FY13.

**CHART 2.5: MSW Disposed of in Pounds Per Person Per Day, FY09 to FY13**



**CHART 2.6: TSW Disposed of in Pounds Per Person Per Day, FY09 to FY13**



**TABLE 2.7: S.C. Recycling Data by FY**

	FY09	FY10	FY11	FY12	FY13
MSW Recycled in Tons	912,961	1,063,521	1,172,768	1,229,100	1,371,960
MSW Recycling Rate by Percent	22.1	25.5	27.7	29.5	31.5
MSW Recycled in p/p/d	1.1	1.3	1.4	1.4	1.6
TSW Recycled in Tons	3,239,918	2,781,003	4,913,823	5,314,842	7,700,976
TSW Recycling Rate by Percent	29.5	26.7	38.6	40.8	49.3
TSW Recycled in p/p/d	3.9	3.4	5.8	6.2	8.9

Of the 7.7 million tons of TSW recycled, more than **53%** were yard trimmings.

TSW recycling increased about **45%** in FY13.

Each South Carolinian disposed of more than **9** pounds of TSW in FY13.

Each South Carolinian disposed of about **3.5** pounds of MSW in FY13.

<b>TABLE 2.8: S.C. Waste Disposed of by FY</b>					
	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
MSW Disposed of in Tons	3,226,412	3,113,365	3,065,806	2,935,876	2,985,852
MSW Disposed of in p/p/d	3.9	3.7	3.6	3.4	3.5
TSW Disposed of in Tons	7,789,143 <sup>1</sup>	7,602,701 <sup>1</sup>	7,824,312	7,696,559	8,573,103
TSW Disposed of in p/p/d	9.5	9.1	9.3	9.0	9.2

<b>TABLE 2.9: S.C. Waste Generated by FY</b>					
	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
MSW Generated in Tons	4,139,373	4,176,886	4,238,574	4,164,976	4,357,812
MSW Generated in p/p/d	5.0	5.0	5.0	4.9	5.1
TSW Generated in Tons	10,983,364 <sup>1</sup>	10,383,703 <sup>1</sup>	12,738,135	13,011,401	15,607,497
TSW Generated in p/p/d	13.4	12.5	15.1	15.2	18.1

<b>TABLE 2.10: S.C. Population</b>					
	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013<sup>2</sup></b>
Population	4,494,435	4,576,446	4,625,364	4,679,230	4,723,723

**NOTES**

1. This number does not include the ash disposed of at Charleston County's Bees Ferry Landfill.
2. The population data used in this report reflects the most recent estimate available from the U.S. Census Bureau.



# Recommendations for Improving Solid Waste Management

## SECTION 3

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 recommendations on how to improve solid waste management in the state.

Since the passage of the Act, South Carolina has made significant progress developing a system that: 1) ensures facilities that manage solid waste are properly designed and operated to protect human health and the environment; and 2) promotes waste reduction and recycling.

While much has been accomplished, much remains to be done. To improve solid waste management, two primary challenges must be addressed – making solid waste management cost effective and increasing the state’s recycling rate.

According to full-cost disclosure reports submitted to DHEC, local governments spent more than \$330 million to manage solid waste in fiscal year (FY) 2013 (July 1, 2012 to June 30, 2013) and more than \$1.2 billion since FY10. See “The Local Cost of Solid Waste Management” on page 21. Clearly, each program should ask how it can be more efficient and cost effective while remaining environmentally responsible.

In addition, although South Carolina’s municipal solid waste (MSW) recycling rate improved for the fourth consecutive year, almost 70 percent of the MSW generated was thrown away in FY13.

Increased recycling is part of the solution. It makes programs more cost efficient by providing the opportunity to avoid disposal costs and earn revenue from the sale of valuable commodities. Recycling also plays a key role in the state’s economy by creating and sustaining businesses and jobs. See Section 4, “Recycling’s Economic Impact.”

The state should continue to work to improve its solid waste management efforts – centered on waste reduction, recycling and composting. South Carolina should:

- reduce the amount of waste it generates and disposes of;
- maximize waste reduction, recycling and composting;
- promote and stimulate the purchase and use of recycled-content products;

- promote and help build local and statewide recycling markets; and
- provide comprehensive outreach and education programs and campaigns.

The recommendations that follow are strategies to build on the basic foundation of solid waste management outlined above. These strategies, if implemented, will help South Carolina manage its waste more efficiently, achieve its waste reduction and recycling goals and realize more of recycling’s potential economic and environmental benefits.

### Update the state plan, review measurement and improve reporting.

Smart planning at both the state and local level will allow South Carolina to make short- and long-term decisions that promote efficient and environmentally responsible solid waste management. These efforts, in turn, will help the state meet its recycling and waste reduction goals.

#### *Strategies to update the state’s planning and reporting efforts ...*

**Revise the S.C. Solid Waste Management Plan** to include long-term projections on MSW disposal, an evaluation of solid waste management practices, discussion of new technologies and recommendations to improve solid waste management.

**Evaluate current strategies and methodologies** used to measure waste reduction and recycling.

**Continue to encourage improved reporting** through the S.C. Smart Business Recycling Program and the Green Hospitality Program. Continue to encourage local governments to gather data from businesses that recycle.

**Evaluate the process local governments use to measure the true cost of solid waste services** and develop options (e.g., new methodology, training) that would result in more consistent and meaningful data collection.

## Recover more food scraps and yard trimmings through composting.

Food scraps and yard trimmings comprised about 28 percent (70 million tons) of the nation's MSW in 2011 according to the U.S. Environmental Protection Agency (EPA). Applying that percentage to South Carolina's MSW, the state generated an estimated 1.2 million tons of these organics in FY13. Of that amount, 274,594 tons (roughly 23 percent) were recovered.

Any significant increase to South Carolina's MSW recycling rate or decrease in per capita disposal must include a concentrated effort to recover more food scraps and yard trimmings through composting. The recovery of this material also has significant economic and environmental benefits including conserving resources and producing valuable soil amendments as well as creating jobs and supporting businesses.

One of the first steps to encourage additional composting in South Carolina was revising the composting regulation (R.61-107.4) – a recommendation outlined in last year's annual report. The first part of that recommendation has been accomplished. The revision was proposed to expand the list of allowable feedstock, establish exemptions from permitting requirements and develop standards for compost production. On January 9, 2014, the DHEC Board approved a request to submit the proposed revision for 2014 General Assembly review.

Second, beyond the regulation, composting should be encouraged from backyard to large-scale systems and promoted to all stakeholders including households, schools, colleges/universities, businesses and government.

## Maximize food recovery opportunities.

Food scraps comprised more than 36 million tons of the nation's MSW generation in 2011 according to the EPA. Of that amount, almost 35 million tons were thrown away. Food scraps was the single largest material thrown away

### *Strategies to compost more food scraps and yard trimmings ...*

**Recommit efforts to promote grasscycling and backyard composting.** This strategy includes working closely with local governments, developing partnerships and offering technical assistance, outreach programs and grant funding when possible.

**Encourage school composting programs.** Provide technical assistance, training and grant funding when possible to help schools create on-site recovery programs.

**Work with the S.C. Department of Commerce's Recycling Market Development Program to attract businesses to South Carolina** that want to set up large-scale composting operations to recover more material, produce valuable products and create jobs.

**Use two DHEC initiatives, the S.C. Smart Business Recycling Program and the Green Hospitality Program, to increase commercial composting** through education and outreach efforts as well as technical assistance.

### *Strategies to maximize food recovery ...*

**Food recovery should be encouraged and supported at the state and local government level to all stakeholders** (e.g., restaurants, grocery stores, non-profit organizations, colleges/universities, schools, military installations, hospitals, prisons, athletic venues).

**Best management practices to reduce food scraps should be promoted.** Businesses should be encouraged to closely track food scraps, change purchasing habits and train staff to ensure the safe and efficient preparation of food.

**The S.C. Green Hospitality Alliance (Alliance) should update its certification process to include reduction practices for food scraps.** The Alliance, of which DHEC is a partner, offers a certification program that recognizes facilities for reducing their environmental footprint.

**Work with all stakeholders** (e.g., restaurants and other businesses, colleges/universities, state agencies) **to promote efficient and environmentally responsible recovery and improve infrastructure as possible to increase the quality and quantity of recovered food scraps.** DHEC's S.C. Smart Business Recycling Program and the Alliance should assist with this effort.

– accounting for more than 21 percent of the nation’s discards in 2011.

Reducing food scraps has significant economic, social and environmental benefits. Preventing food scraps can save businesses money by lowering disposal costs as well as improving purchasing and food preparation practices. Food donations also can generate tax benefits.

*Reducing food scraps has significant economic, social and environmental benefits.*

Additionally, food recovery can provide much needed food to individuals through donations. In 2012, about 47 million Americans lived in households that had difficulty putting food on the table according to the U.S. Department of Agriculture. Businesses that donate wholesome and edible food to food banks and other rescue groups play a pivotal role in their communities by helping those in need.

Composting (see recommendation on the previous page) turns excess food that is not fit for consumption into a nutrient-rich soil amendment.

All three tools – prevention, donation and composting – reduce the amount of food scraps sent to landfills and reduce resource use associated with food production including water and energy.

## Increase construction and demolition debris recycling.

Construction and demolition (C&D) debris is comprised of material that is generated during the construction, renovation and demolition of buildings, roads and bridges. C&D debris contains bulky, heavy material such as concrete, wood, metal, glass and other salvaged building components.

Reducing and recycling C&D debris conserves natural resources, saves landfill space, reduces the

*C&D debris contains material that is valuable and can be recycled.*

environmental impact of producing new material, creates jobs and reduces building project expenses through avoided purchase and disposal costs.

South Carolina, like other states, faces two stubborn obstacles to increased recovery – low disposal costs and lack of markets. There are limited markets in the state for C&D debris and even more limited markets for specific material such as shingles and gypsum wallboard.

In addition, it is often less expensive for contractors and builders to dispose of the material than take the time to separate, store and find a market.

### *Strategies to increase C&D debris recycling ...*

**Support and encourage C&D debris market development** with stakeholders including the S.C. Recycling Market Development Program.

**Develop a Web-based C&D debris clearinghouse** that includes markets, tools, guidance documents and links that support the recovery, use and availability of material for stakeholders (e.g., recyclers, contractors, local governments, associations). Encourage the use of the S.C. Materials Exchange, the Green Resource Index, the S.C. Green Building Directory and the S.C. Department of Commerce’s Recycling Directory.

**Develop a statewide campaign to provide information to contractors about the economic and environmental benefits of recycling C&D debris.** As part of this strategy, develop partnerships with stakeholders (e.g., local governments) to offer job-site training programs.

**Encourage local governments to incorporate C&D debris recovery into building projects** and add recycling requirements to building permits.

**Encourage source separation of material at building sites to improve the marketability of C&D debris.**

**Develop guidance documents and best management practices** to promote and assist C&D debris recyclers to operate within the established regulatory framework.

## State government should lead by example – recycle and buy recycled.

State government should lead by example with waste reduction and recycling programs that provide material for South Carolina’s recycling markets. State (as well as local and federal) government also has the unique opportunity to use its purchasing power to buy recycled-content products and influence the marketplace.

The Act – S.C. Code of Laws § 44-96-140 – requires the General Assembly, Governor’s Office and Judiciary as well as state agencies and state-supported colleges/universities to have waste reduction and recycling programs and report those recycling activities annually to DHEC. The Act also outlines requirements and goals for state government and state-supported colleges/universities on purchasing recycled-content products. Those objectives include: 1) setting a goal of 25 percent of product purchases should be recycled-content; 2) tracking and reporting those purchases annually to DHEC; and 3) using the 7.5 percent price preference for recycled-content products.

In addition to the Act, South Carolina established an Environmentally Preferred Purchasing Policy (EPPP) in 2009 that provides additional information, standards, guidance and tools for state agencies and colleges/universities. This valuable tool can help achieve the goals outlined in the Act.

## Local governments must improve their solid waste programs.

Local government programs are the front line of managing the solid waste recycled and disposed of by residents and, in some cases, businesses and others.

Local government solid waste services represent a significant community investment, but also are often underappreciated in what they do to protect human health and the environment. Part of those services – recycling – can have a considerable impact on the economy. In short, it is critical that local governments continually evaluate and look for ways to improve their solid waste management programs.



### *Strategies to improve state government recycling and buy recycled programs ...*

**Renew and improve waste reduction, recycling, composting and buying recycled practices** by reviewing and developing internal policies and guidelines.

**Implement innovative materials management strategies** that reduce waste and maximize the amount of material that can be recycled or composted.

**Promote the 7.5 percent price preference outlined in the Act** that encourages the purchase of recycled-content products to ensure that it is consistently implemented.

**Develop a system to track and report recycled-content purchases.**

**Update and promote the state’s EPPP.** When feasible, place additional recycled-content products on state contract.

**Develop an initiative to share information and success stories on state government recycling programs.** In addition, provide training when necessary and develop a recognition program.

### *Strategies to improve local government solid waste programs ...*

**Maintain an up-to-date solid waste plan** that minimizes the amount of material that is disposed of in landfills.

**Maximize revenue from the sale of all recyclables.**

**Identify opportunities to promote the environmental and economic benefits of recycling to community decision makers** (e.g., council members, mayors, administrators) to make solid waste management programs a higher priority when making budget and hiring decisions.

**Encourage more businesses, organizations and others to reduce waste, recycle and report their recycling activities.**

**Add and/or support composting programs for all audiences** (e.g., residents, schools and businesses). See the recommendation on page 8.

**Encourage food scraps recovery where appropriate.** See recommendation “Maximize food recovery opportunities” on page 8.

**As possible, replace recycling containers with roll carts.** This adjustment often increases participation by residents and the amount of material recycled.

## Improve and develop recycling markets.

Markets are indispensable to sustainable, cost-effective recycling programs. Simply, recycling does not work without markets.

South Carolina and the Southeast are fortunate to have many regional markets – particularly for cardboard and other paper products as well as plastic and scrap metal. But just having a market does not ensure success. Often there are many obstacles to overcome – including cost of collection, lack of infrastructure, market price of the material and distance to the market – to make recycling work.

State government has the potential to be a key player in market development. State government should lead by example by maximizing recycling efforts wherever possible to help increase the amount of material collected. Beyond that, state government should use its collective purchasing power to buy recycled-content products, and when possible, place recycled-content products on state contract.

## Consider pay-as-you-throw programs.

Traditionally, residents pay for waste collection through property taxes or a fixed fee regardless of how much or how little waste they generate.

Pay-as-you-throw (PAYT) programs break that tradition by treating waste collection just like electricity, gas and other utilities where consumers pay for what they use. In PAYT programs, residents are charged for the amount of waste they throw away and not charged directly for recycling. This creates a direct economic incentive to recycle more and throw away less.

PAYT programs work. Many communities with PAYT programs have reported significant increases in recycling. In addition, PAYT programs often have proven to be an effective way for local governments to meet increased solid waste management costs.

Setting up a PAYT program is not without its difficulties and will require careful consideration, planning, time and commitment. Still, this option should be considered. Local governments should not just continue to accept the traditional methods of managing waste.

### *Strategies to improve and develop recycling markets ...*

**Continue to work with the S.C. Department of Commerce's Recycling Market Development Program** to measure and promote the economic impact of recycling.

**Develop a Web-based market clearinghouse** that includes information such as commodities, material recyclers, recycling vendors, haulers, processors, end users and manufacturers. Provide links on this site for key existing databases including the Green Resource Index, the S.C. Green Building Directory and other recycling directories.

**Focus market development on hard-to-recycle material** and less mature markets such as glass, C&D debris, organics and additional types of plastic beyond bottles.

**Develop a statewide campaign to promote the recycling industry and the important role it plays in South Carolina's economy.**

**Complete the new economic impact study by the end of FY14.**

**Encourage local governments to coordinate recycling efforts** to maximize the amount and quality of material collected as well as the revenue received for that material.

**Encourage and assist local governments to develop partnerships with other governments, businesses and other stakeholders to improve collection and recycling infrastructure.**

### *Strategies to encourage PAYT programs ...*

**Local governments should evaluate their programs and consider implementing a PAYT program.**

**Local governments should make their solid waste management costs more transparent to residents.**



## Expand and improve education, outreach and technical assistance.

From elementary school students to local government decision makers, education and outreach are key strategies to help South Carolinians better understand the significant benefits that waste reduction, recycling and composting have on the state's environment and economy and the role all of us have in making recycling work.

It will require changes in the behavior and practices of residents, students, business and industry, colleges/universities, schools and government to reach the state's waste reduction and recycling goals. Education and outreach – which includes technical assistance – are the pathways to achieving these goals.

*Education and outreach are the pathways to achieving the state's waste reduction and recycling goals.*

### Strategies to expand and improve education, outreach and technical assistance ...

**Continue to encourage more teachers and schools to participate in the "Action for a cleaner tomorrow" curriculum supplement program** that includes training for kindergarten through 12th grade teachers and classroom presentations to elementary, middle and high school students.

**Continue to encourage and assist local governments to persistently educate residents** on community recycling options and to look for partnerships to promote recycling.

**Continue to encourage more businesses to reduce waste, recycle and use the resources** provided by the S.C. Smart Business Recycling Program.

**Continue to encourage hotels, motels, restaurants and bars to reduce their environmental impact** and take advantage of the resources from DHEC's Green Hospitality Program and the Green Hospitality Alliance.

**Continue to expand public-private partnerships to promote recycling in public places** (e.g., airports, state and local parks, welcome centers) and develop partnerships to promote recycling to the public.

**Continue to expand comprehensive technical assistance** to state agencies, local governments, businesses, organizations, colleges/universities and schools.

**Continue to identify opportunities to promote the importance and economic benefits of recycling** to local decision makers (e.g., councils, mayors, administrators) and key associations.

## Take Action ...

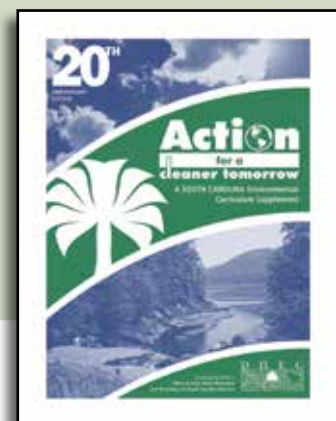
"Action for a cleaner tomorrow: A South Carolina Environmental Curriculum Supplement" ("Action") is an activity-based interdisciplinary curriculum supplement that can serve as a starting place for introducing basic environmental education in the classroom.

The curriculum supplement is the centerpiece environmental education and outreach program of DHEC. "Action" was created in 1992-1993 by DHEC in conjunction with a statewide curriculum development team of teachers and the S.C. Department of Education.

By any account, "Action" has been a success. About 53,000 teachers and other educators have been trained on "Action" since its introduction in 1993. "Action" lessons have been taught in classrooms to thousands of students throughout the state.

"Action" includes 32 lessons that are correlated to the latest South Carolina science standards. Subjects covered include recycling, school recycling, landfills, hazardous household waste and conserving natural resources as well as protecting air and water.

Each lesson is designed to include hands-on activities that help students get the facts, think for themselves, form opinions, make decisions and take "Action" for a cleaner tomorrow.





## Prevent illegal dumping of waste tires.

South Carolinians generate an estimated 4.5 million waste tires every year. When managed improperly – that is, 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 see illegal dumping and is working to identify responsible parties to remove and manage illegally dumped tires. But the cleanup of existing piles is not a solution. Preventing the creation of waste tire piles is critical to the success of any waste tire management program.

In short, illegal dumping of waste tires poses risks to human health, costs taxpayers money, wastes valuable resources and results in environmental hazards. The proper management of waste tires continues to be a goal.

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). They also are used frequently 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.

*Tires can be used in construction activities and construction activities as well as burned for energy recovery.*

In the past year, DHEC has implemented new strategies to prevent illegal tire dumping and to help ensure the movement of tires to recycling facilities. Newly implemented strategies include an improved waste tire hauler registration process and a tire manifest to document legal transport and delivery of waste tires.

### *Strategies to prevent the illegal dumping of waste tires ...*

**Improve markets.** DHEC and the S.C. Department of Commerce's Recycling Market Development Program should continue efforts in conjunction with tire manufacturers, tire processors and others to promote higher-value uses for waste tires;

**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;

**Revise the tire regulation.** DHEC should engage stakeholders in revising R.61-107.3 to clarify regulatory requirements and penalties for waste tire generators, collectors, haulers and processors;

**Engage law enforcement.** DHEC should work with state and local law enforcement to deter illegal dumping and to ensure offenders are dealt with consistently and with all available force of law and regulation;

**Involve local governments.** DHEC should assist county and municipal governments in implementing local waste tire management programs that prevent illegal dumping and encourage the purchase of high-value products made from waste tires.



## Prevent illegal dumping of other materials.

Illegal dumping remains an issue in South Carolina. One commonly seen activity is the illegal dumping of solid waste in remote areas and another is unregulated “sham” recycling. Sham recycling occurs when materials are collected and stockpiled, with a minimal amount being recycled, and the remainder left unmanaged. Both activities result in the creation of illegal dumps that degrade property values and result in both property owners and taxpayers paying for the cleanup.

Tires, C&D debris, land-clearing debris and electronics are the materials most likely to be dumped illegally. The underlying causes of the dumping are as varied as the material being dumped, but generally fall into the following categories:

- **Low Risk** – Haulers that dump some materials, such as tires and land-clearing debris, face a low risk of being identified because the material they are dumping is difficult to trace to the source. Law enforcement and judicial bodies also may fail to 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 high cost of properly recycling or disposing of certain materials creates an incentive for open dumping. The average tipping fee to recycle waste tires, for example, is much higher in South Carolina than the cost for properly disposing of MSW. 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 open 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 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, recovery facilities and solid waste processing facilities.

### *Strategies to prevent illegal dumping ...*

**Regulatory agencies, local governments, private sector businesses and South Carolina residents should work together to prevent open dumping.**

**Develop strong markets for recyclable material.** The higher value a material has, the more likely it is to be treated as a commodity and the less likely it is to be dumped illegally.

**Consider statutory and regulatory changes to hold haulers, processors and generators more accountable for the proper collection, transport, recycling and disposal of solid waste and recyclable material.**

**Implement more robust litter control policies and practices including cooperation between state and local law enforcement agencies.**



# Recycling's Economic Impact

## SECTION

# 4

Recycling has significant environmental benefits including conserving natural resources, saving energy and reducing the need to build landfills.

Recycling also is an essential part of 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. Recycling supports businesses that haul, process and broker recyclables as well as manufacturers that sell products made from the material collected from local programs, businesses and other organizations.

South Carolina is home to about 500 recycling businesses that provide more than 21,000 jobs according to the S.C. Department of Commerce. The state's recycling industry is diverse, robust and growing. Since 2010, more than 60 new or existing

*South Carolina is home to about 500 recycling-related businesses that provide more than 21,000 jobs.*

companies made \$1.3 billion in capital investments and added about 3,500 jobs in South Carolina. In 2013, 10 new or existing companies provided nearly \$104 million in capital investments and created more than 765 jobs.

While businesses are essential, they are only part of the recycling equation. Manufacturers of recycled-content products rely on a steady stream of recycled material from commercial/institutional and industrial sources as well as residential recycling programs. Local government programs, businesses and organizations, in turn, need outlets for the material they collect. Consumers play an integral role in this process by participating in recycling programs and buying recycled-content products.

In summary, businesses, local governments and individuals together make recycling a South Carolina success story.

*Since 2010, 60 companies made \$1.3 billion in capital investments and added about 3,500 jobs in South Carolina.*

## Recycling Market Development

The S.C. Department of Commerce's Recycling Market Development Advisory Council (RMDAC) supports the economic growth of the state's recycling industry by building recycling markets, increasing material recovery and promoting the recycling value chain.

RMDAC is a 14-member, Governor-appointed council representing various recycling industries, government, solid waste, higher education and the public. RMDAC's 20 years of work connecting business, industry and the public with a statewide recycling infrastructure has helped fuel economic growth and boost South Carolina's bottom line through continued job creation and capital investment.

The Recycling Market Development Program staff coordinates the activities of the Council, works to improve recycling markets and provides technical and economic development assistance to the recycling industry.



**South Carolina**  
Department of Commerce

*Just right for business.*

## The Palmetto State is a national leader for jobs in recycling.

South Carolina has **four times more jobs** in recycling per capita than California and Massachusetts – states recognized as recycling leaders.



**NOTE:** The information in this section is provided by the S.C. Department of Commerce's Recycling Market Development Program.

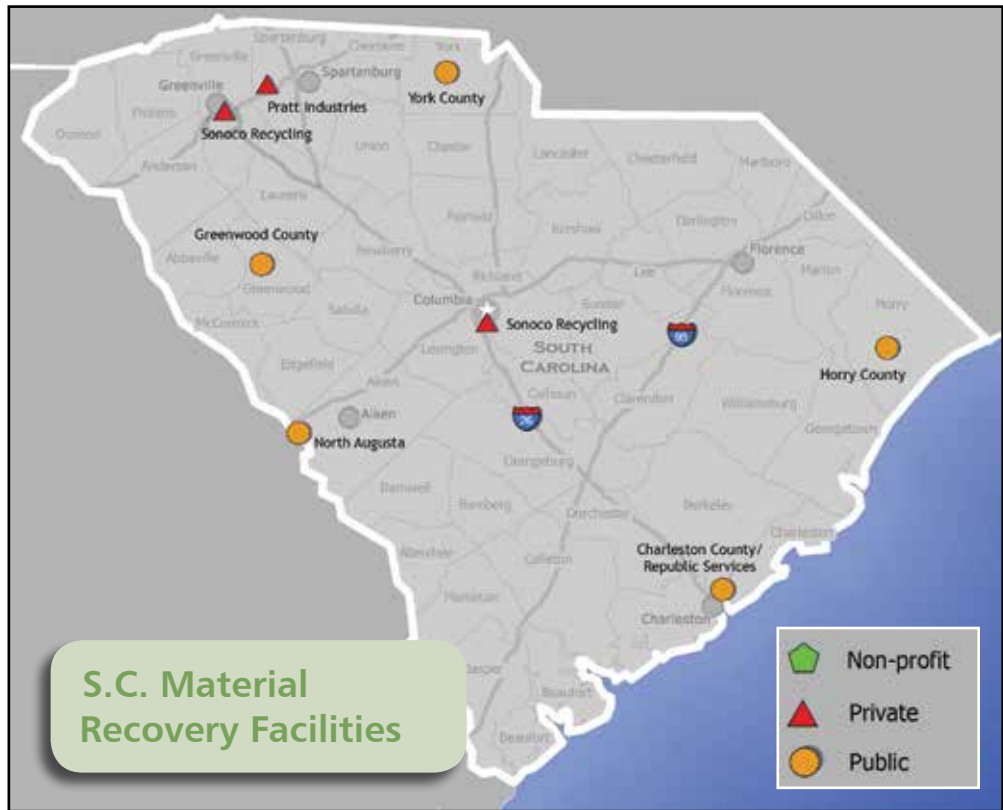


## South Carolina's Recycling Industry by the Numbers

Businesses of all types and sizes comprise the state's recycling industry. There are companies that collect and haul material as well as business that shred material (e.g., documents). There are recovery facilities that sort and prepare recyclables for market as well as consolidation facilities. And there are other businesses that offer specific services. Converters, for example, transform large rolls of paper or paperboard into new products such as bags, boxes and envelopes. Reclaimers prepare recovered plastic for manufacturers.

South Carolina has 25 recovery and consolidation facilities (both public and private – see Table 4.2). In a 2013 survey conducted by the S.C. Department of Commerce, 17 of the 26 facilities reported employing more than 700 people and investing more than \$2.4 million in their businesses.

YEAR	JOBS	INVESTMENT
2010	1,130	\$438,000,000
2011	837	\$333,000,000
2012	771	\$463,000,000
2013	765	\$103,950,000
<b>TOTAL</b>	<b>3,503</b>	<b>\$1,337,950,000</b>



*Seventeen facilities reported employing more than 700 people and investing more than \$2.4 million in their businesses.*

FACILITY TYPE	TOTAL NUMBER OF FACILITIES QUERIED	NUMBER WHO REPORTED	TONS	EMPLOYMENT	INVESTMENT
Recovery Facility	9	9	422,385	612	\$2,155,000
Consolidation Facility	17	8	196,305	91	\$329,000
<b>TOTAL</b>	<b>26*</b>	<b>17</b>	<b>618,690</b>	<b>703</b>	<b>\$2,484,000</b>

**NOTES:** Five public and four private recovery facilities responded. Three public and five private consolidation facilities responded. For the purpose of this table, a consolidation facility is where recyclables are taken for storage and/or consolidation (e.g., baling) before being delivered to a recovery facility or other end user.

\*This number includes a recovery facility in Charlotte that received material from South Carolina.

## Paper

South Carolina has more than 85 companies involved with paper recovery including commercial haulers and shredders as well as processors and end users.

The state has four paper mills that employ about 2,500 people and recycle nearly 1 million tons of paper annually. Of that amount, more than 90 percent is recovered from North Carolina and South Carolina.

*The state has four paper mills that employ about 2,500 people and recycle nearly 1 million tons of paper annually.*

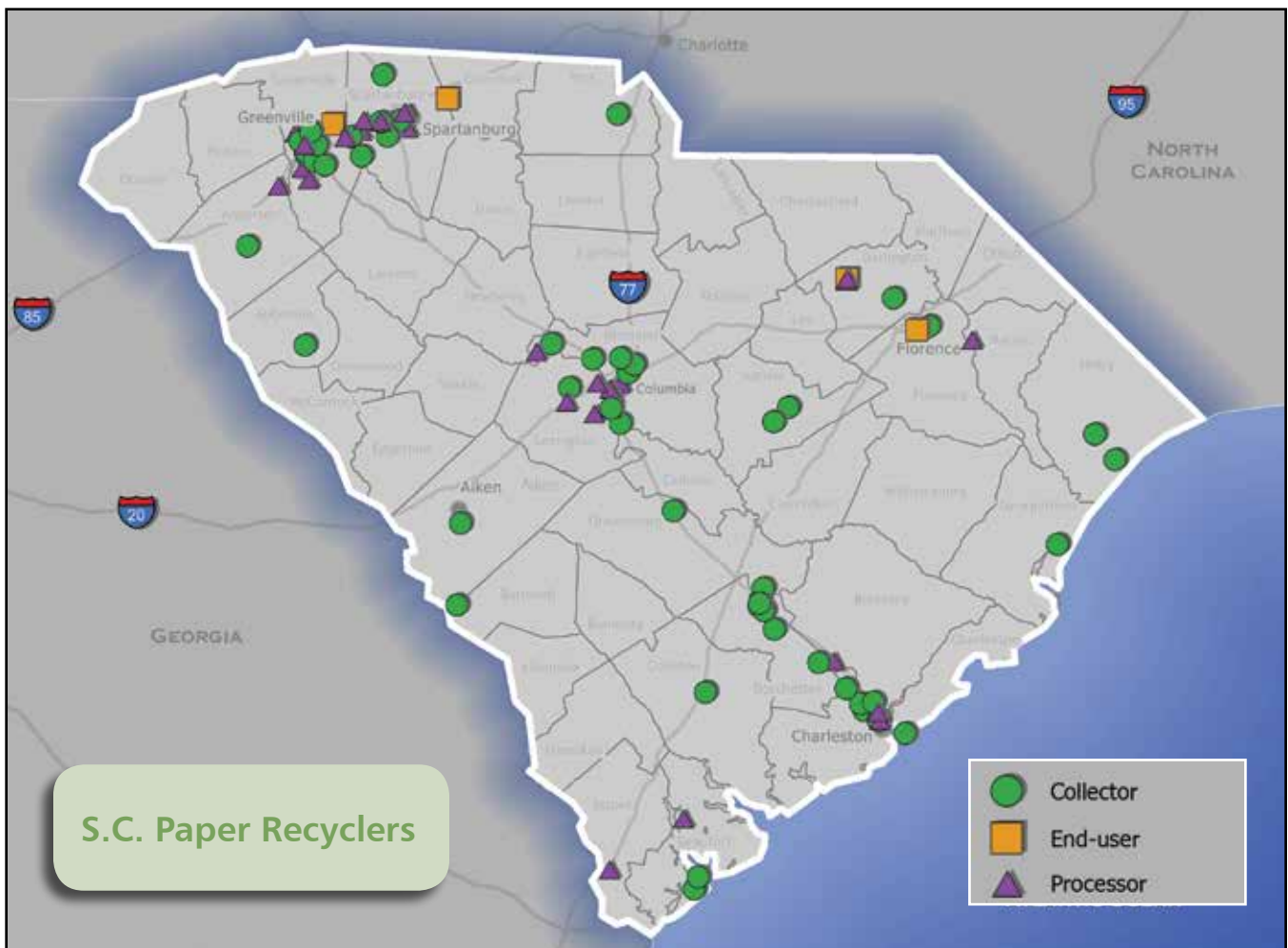
## Recycling creates more jobs.

Nationwide, the recycling industry accounts for nearly a half-million jobs and generates more than \$87 billion annually in economic activity according to a study released in 2013 by the Institute of Scrap Recycling.

This study also notes that the recycling industry generates about \$4 billion in state and local revenues and pays another \$6.3 billion in federal taxes each year.



The state's paper mills turn the recycled paper into linerboard, tubes and cores and other packaging material. South Carolina also is home to several paper converters and a molded fiber products company.



## Plastic

North Carolina and South Carolina have a robust plastic recycling industry that provides readily available markets for the region. The industry employs more than 1,300 people, processes more than 750 million pounds of plastic per year and had sales of nearly \$450 million in 2012. Companies accept a wide variety of plastic from residential and industrial sources and process it into feedstock for new products ranging from food and beverage containers to carpet, textiles and automotive parts.

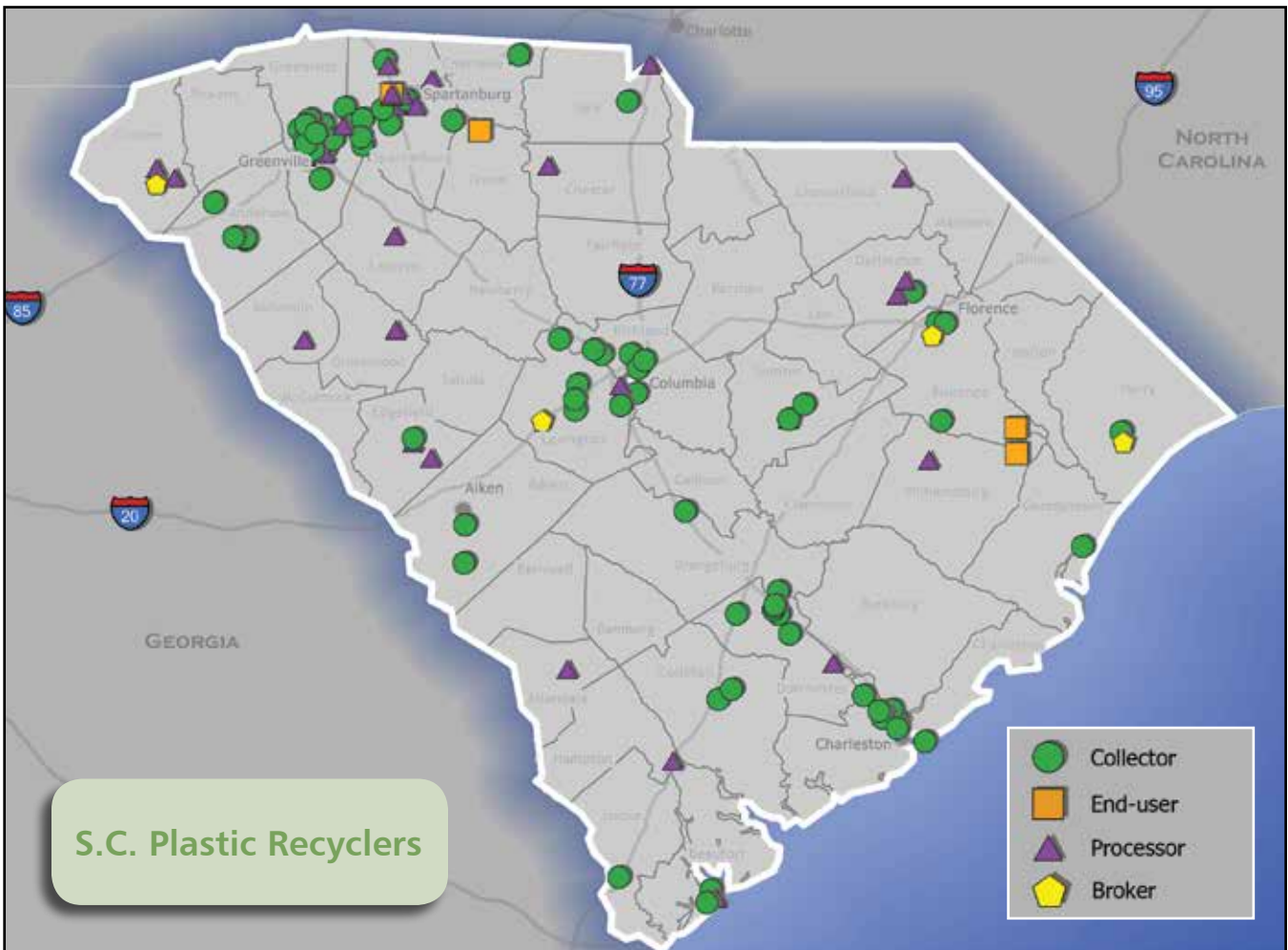
Despite the strong, regional markets, plastic recyclers in the Carolinas estimate that only about 25 percent of the material they



process comes from the two states. Given that, the states have formed the Carolinas Plastics Recycling Council, a partnership dedicated to the increased recovery of plastic in the region.

South Carolina has more than 120 companies involved in plastic recovery. These include businesses that collect from local government programs and commercial generators and then sort, bale and sell the material to brokers, recovery facilities and end users. In addition, there are haulers who collect plastic from industry (e.g., automotive, aerospace, distribution centers) and then prepare the material for market including export.

*South Carolina has more than 120 companies involved in plastic recovery.*





The state also has about a dozen processors that collect post-consumer or post-industrial plastic and convert it into resin, fiber or other material to be used in the automotive, furniture and equestrian industries. Finally, South Carolina has two companies that turn bottles into a resin to make bottles, food-grade plastic and fiber. A third company, opening in 2014, recently invested \$45 million and will create more than 300 jobs.

## Metal

South Carolina has more than 170 companies involved in metal recycling from small scrap metal collectors who haul material and sell it to scrap yards, to the scrap metal processing facilities that prepare the material for end use as well as the mills that manufacture new products from recycled steel and aluminum.

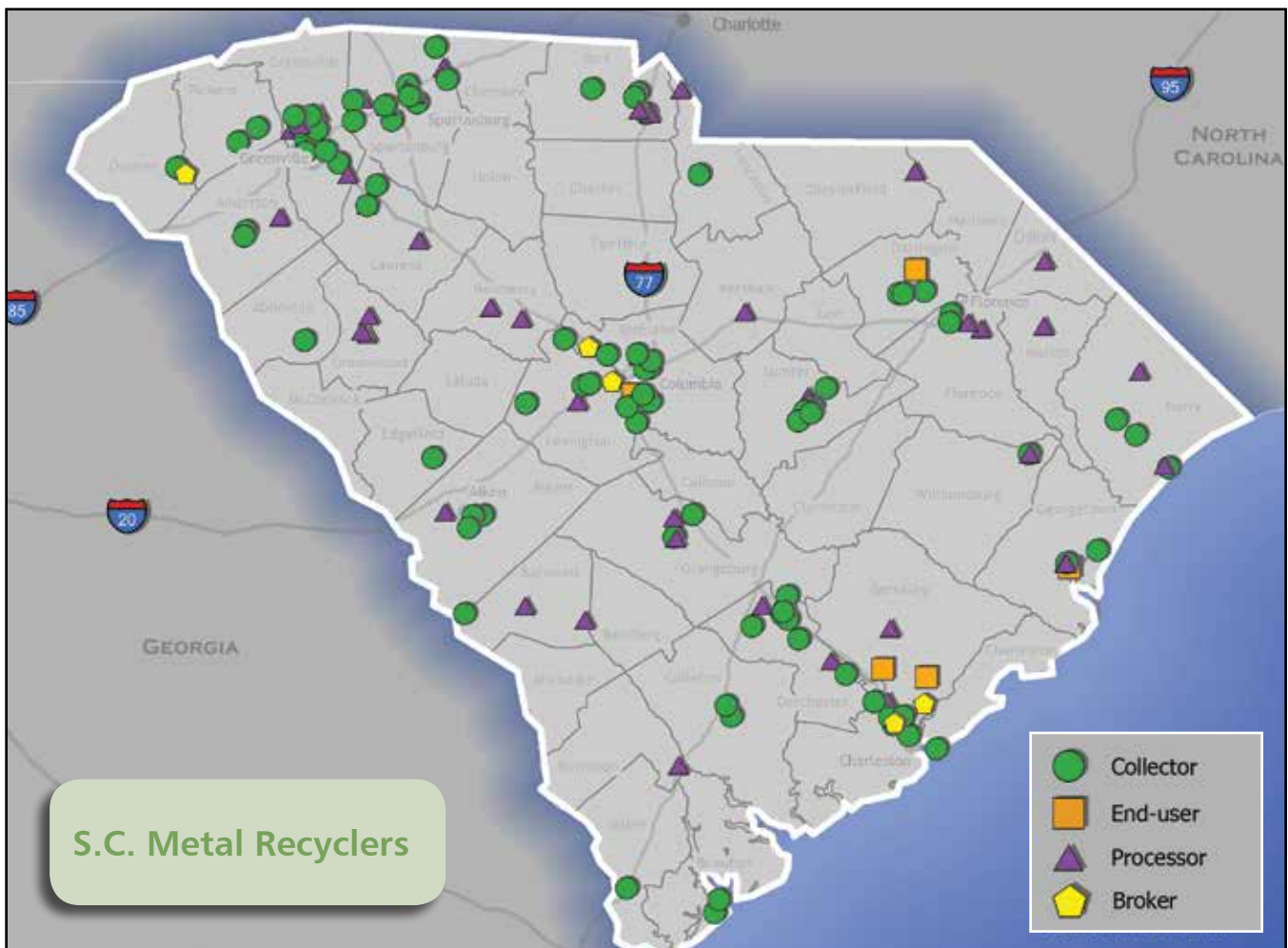


The state has more than 100 scrap yards that conservatively employ more than 2,200 people. The state also has four steel mills – by comparison North Carolina has two and Georgia just one.

South Carolina's steel mills employ more than 1,700 people and recycle about 16,000 tons of material per day. These mills produce material for the construction, building and automotive industries.

The state is also home to a secondary smelter of aluminum that uses 300 to 350 tons of recycled aluminum per day. This recycled aluminum is used to manufacture products such as fin stock for the heating and cooling industry and different types of foil for the packaging and aerospace industries.

*South Carolina has four steel mills that employ more than 1,700 people and recycle about 16,000 tons of material per day.*



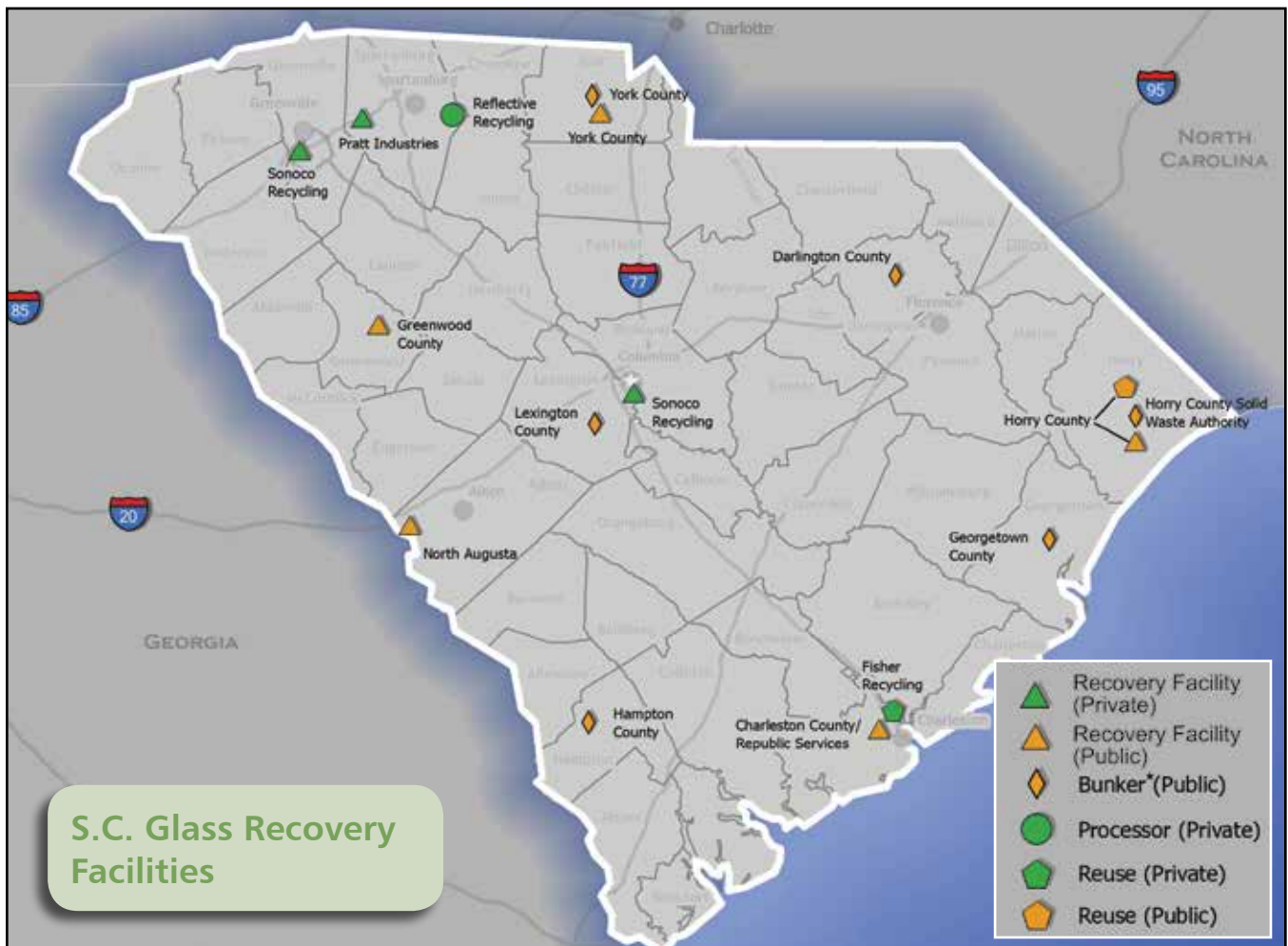
## Glass

While other commodities have many markets, only a few companies in South Carolina collect glass for recycling. This is due to the fact that glass does not have much value and is expensive to move and process.

One company in South Carolina processes recycled glass into color-sorted, furnace-ready cullet, which is used to make new glass, glass beads for reflective highway paint and a sand-blasting abrasive. Another company uses recycled glass from commercial businesses to make counter tops for homes and businesses as well as landscaping material and sand-blasting products.

Given the lack of markets, the Horry County Solid Waste Authority installed glass crushing equipment at its recovery facility and creates a glass material suitable for landscape and roadbed applications. Beyond these efforts, the nearest recycling option for local governments is a company that has locations in Raleigh, NC and Atlanta, GA. This company makes cullet for container and fiberglass manufacturers.

*Charleston is home to a business that recycles glass into counter tops and landscaping material.*



\*A bunker is a semi-enclosed area where color-sorted glass is stored until taken to market.

## Recycling Stakeholder Groups

Four recycling stakeholder groups have been formed to increase recovery of plastic, carpet and glass as well as a group to focus on improving recycling on the coast.

The **Carolinas Plastic Recycling Council** is a regional effort targeting North and South Carolina. Another – the **Carpet Recovery Coalition** – is focused on recycling post-consumer carpet. The glass stakeholder group is trying to find ways to overcome the lack of markets for the material as well as find additional high-end uses.

The coastal stakeholder group is focused on increasing the collection of recyclables from hospitality facilities and beaches.



## Beyond the Economic Impact

Recycling programs provide more environmental benefits than those commonly known (e.g., conservation of natural resources and energy, reducing the need to build landfills). For example, environmental equivalencies provide a different perspective on recycling's benefits. These lesser known benefits can be measured by using the U.S. Environmental Protection Agency's (EPA) Waste Reduction Model (WARM). This tool helps solid waste planners and organizations calculate the benefits of alternative solid waste management decisions and the impact of recycling as compared to landfill disposal. Using WARM and an environmental equivalency calculator, greenhouse gas (GHG) savings can be presented in a manner that is easy to understand.

Examples of the GHG savings achieved statewide through recycling reported for FY13 are equivalent to eliminating emissions from:

- **525,117 passenger cars** for one year; OR
- **282,574,118 gallons of gasoline**; OR
- **electricity use of 346,802 homes** for one year.

## The Local Cost of Solid Waste Management

**More than \$330 million was spent in FY13.**

Through their full-cost disclosure information submitted to DHEC, counties and municipalities reported spending more than \$330 million in FY13 (and more than \$1.2 billion since FY10) on this basic service that includes collection, staffing, trucks, equipment and containers. Of that amount, local governments reported spending more than \$176 million for collection, more than \$112 million for disposal and about \$26 million for recycling program operations.

While all solid waste management options have a cost, recycling is the only choice that offers the opportunity to save money (reduced disposal costs) and earn revenue (from the sale of recyclables). For example, recycling more than 1.3 million tons of material saved local governments more than \$53 million in avoided disposal costs in FY13 (and more than \$316 million since FY07). This estimate is calculated by multiplying the amount of MSW recycled by the average statewide Class 3 landfill (MSW) tipping fee of \$39 per ton.

Local governments reported earning more than \$9 million in revenue from the sale of recyclables in FY13 and more than \$67 million since FY07. Note that these figures would be higher given the fact that not all local governments reported their revenue earned.

## Estimated Lost Revenue

It is projected that more than 448,000 tons of easily recycled material – aluminum cans, cardboard, office paper, newspaper, plastic bottles and glass bottles and jars – may have been disposed of in FY13. Using the state's average Class 3 landfill tipping fee of \$39 per ton, it is estimated that local governments spent about \$17.5 million to dispose of this material.

It is also estimated that about \$60 million in potential revenue from the sale of this material may have been lost based on the average reported revenue received per ton by local governments for each of these types of material.

The estimated amount of lost revenue is calculated by applying EPA's most recent MSW commodity generation rates to South Carolina's FY13 generation and recycling data as well as the average Class 3 landfill tipping fee and average market prices.



# Recycling by Commodity

## SECTION

# 5

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 detailed information on the amount of material recycled by commodity and county.

This section highlights the commodities that comprise municipal solid waste (MSW) as defined by South Carolina: glass, metal, paper, plastic, 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.

*Glass, metal, paper and plastic serve as the foundation of local government recycling programs.*

Banned items represent six specific items – appliances, electronics scrap, lead-acid batteries (e.g., car, truck, boat), used motor oil, whole tires and yard trimmings. Unwanted electronics – also known as e-scrap – became the latest item to be banned beginning in July 2011. Specifically, residents are required to recycle desktop, laptop and notebook computers as well as computer monitors, printers and televisions. Appliances, lead-acid batteries, used motor oil and whole waste tires are prohibited by law from disposal in any landfill. Yard trimmings are banned from disposal in Class 3 landfills, but can be disposed of in Class 1 or Class 2 landfills.

Miscellaneous recyclables are numerous and varied (e.g., fluorescent bulbs, food scraps, mattresses). Levels of collection differ in local government programs throughout South Carolina.

*Yard trimmings are banned from disposal in Class 3 landfills, but can be disposed of in Class 1 or Class 2 landfills.*

Hazardous Household Material (HHM) is reported as a miscellaneous item and highlighted in this report because it comprises a

significant part of MSW as well as poses a potential risk to human health and the environment. For information on local government HHM programs, see page 28.

Commingled recyclables consist of a variety of material collected together and not reported by individual material type. (See page 30 for more information.)

The amount of each commodity collected is used to calculate the state’s MSW recycling rate. Of the seven commodities that comprise MSW, five (metal, paper, plastic, banned items and commingled recyclables) had an increase in recycling tonnages from the previous FY.

Overall, the amount of MSW collected for recycling grew more than 11 percent (142,860 tons) to 1,371,960 tons in FY13. Paper was the top commodity recycled, comprising 35 percent of all MSW recycled in South Carolina. See Chart 5.1 for a complete breakdown by commodity.

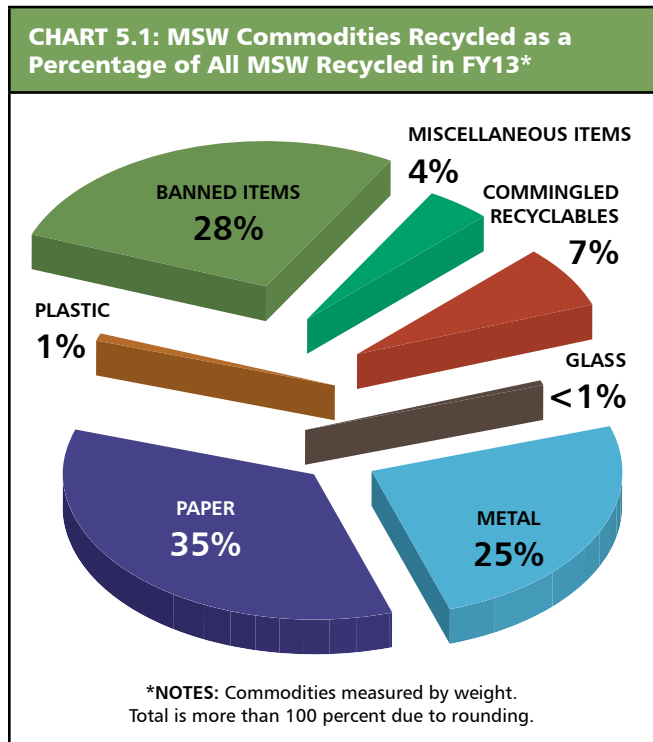


TABLE 5.2: Glass Recycled by County in Tons					
COUNTY	BROWN	CLEAR	GREEN	MIXED	COUNTY TOTAL
Abbeville	0.00	0.00	0.00	0.29	0.29
Aiken	0.38	0.00	0.00	217.94	218.32
Allendale	0.00	0.00	0.00	0.00	0.00
Anderson	111.58	111.58	735.50	0.25	958.91
Bamberg	0.00	0.00	0.00	0.00	0.00
Barnwell	0.00	0.00	0.00	19.84	19.84
Beaufort	185.47	462.92	277.45	41.80	967.64
Berkeley	0.00	0.00	0.00	0.00	2.00
Calhoun	0.00	0.00	0.00	0.00	0.00
Charleston	0.00	0.00	0.00	24.93	24.93
Cherokee	6.35	9.35	4.60	0.00	20.3
Chester	0.00	0.00	0.00	61.71	61.71
Chesterfield	0.00	0.00	0.00	0.00	0.00
Clarendon	0.00	0.00	64.41	0.00	64.41
Colleton	0.00	0.00	0.00	0.00	0.00
Darlington	0.00	0.00	0.00	124.72	124.72
Dillon	0.00	0.00	0.00	4.67	4.67
Dorchester	0.00	0.00	0.00	0.00	0.00
Edgefield	0.00	0.00	0.00	0.00	0.00
Fairfield	0.00	0.00	2.30	48.83	51.13
Florence	0.00	2.00	0.00	0.00	2.00
Georgetown	0.00	94.89	96.23	47.79	238.91
Greenville	0.00	0.00	0.00	313.40	313.40
Greenwood	0.00	2.00	0.00	438.00	440.00
Hampton	0.00	0.00	0.00	0.00	0.00
Horry	0.00	0.00	0.00	2,056.58	2,056.58
Jasper	0.00	0.00	0.00	75.62	75.62
Kershaw	0.00	0.00	6.52	0.00	6.52
Lancaster	4.20	5.12	0.00	0.00	9.32
Laurens	14.15	10.92	0.00	0.00	25.07
Lee	0.00	0.00	0.00	0.00	0.00
Lexington	134.08	199.22	97.48	101.99	532.77
Marion	0.00	0.00	0.00	0.00	0.00
Marlboro	0.00	0.00	0.00	0.00	0.00
McCormick	0.00	0.00	0.00	0.00	0.00
Newberry	0.00	0.00	0.00	28.46	28.46
Oconee	76.25	143.09	121.08	0.00	340.42
Orangeburg	3.76	6.03	3.59	16.92	30.3
Pickens	144.44	238.72	106.28	42.10	531.54
Richland	24.94	63.68	104.25	275.78	468.65
Saluda	0.00	0.00	0.00	0.00	0.00
Spartanburg	1.08	4.39	0.00	102.14	107.61
Sumter	0.00	0.00	0.00	498.7	498.7
Union	0.00	19.65	0.00	16.87	36.52
Williamsburg	0.00	0.00	0.00	0.00	0.00
York	515.43	254.78	151.55	0.00	921.76
<b>STATE TOTAL</b>	<b>1,222.11</b>	<b>1,628.34</b>	<b>1,771.24</b>	<b>4,561.33</b>	<b>9,183.02</b>

About  
**80%**  
of glass recovered in the state came from residential sources.

Local governments reported earning more than  
**\$15,000**  
from glass.

Horry County recycled more than  
**2,000**  
ton of glass – more than any other county.

On average, nearly  
**4**  
pounds of glass were recycled per South Carolinian.

**NOTE:** This table does not include any glass that was collected in commingled recycling programs.

Metal made up  
nearly  
**25%**  
of all MSW recycled.

Local  
governments  
reported earning  
**\$1.4  
million**  
from metal.

It takes  
**60%**  
less energy to make  
steel from recycled  
material than  
from iron ore.

On average,  
more than  
**40**  
pounds of metal  
were recycled per  
South Carolinian.

**NOTE:** This table does not  
include any metal that was  
collected in commingled  
recycling programs.

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

COUNTY	ALUMINUM	FERROUS	NON-FERROUS	STEEL	MIXED SCRAP	COUNTY TOTAL
Abbeville	4.42	95.00	1.60	0.10	546.63	647.75
Aiken	38.77	200.00	0.00	0.00	608.95	847.72
Allendale	0.00	0.00	0.00	0.00	18.28	18.28
Anderson	34.78	12,713.40	1,219.00	1.94	1,597.34	15,566.47
Bamberg	0.00	0.00	0.00	0.00	30.27	30.27
Barnwell	0.73	0.00	0.00	0.00	112.00	112.73
Beaufort	262.40	3,016.00	258.20	110.36	6,050.67	9,697.63
Berkeley	271.31	22,875.80	0.00	24.43	938.99	24,110.53
Calhoun	0.50	0.00	0.00	0.00	394.52	395.02
Charleston	744.29	50,442.71	59.00	43.89	2,026.86	53,316.75
Cherokee	4.67	1.64	0.00	6.91	276.51	289.73
Chester	4.88	50.09	0.00	21.35	84.84	161.16
Chesterfield	1.51	62.88	0.00	0.00	86.94	151.33
Clarendon	3.33	0.00	0.00	5.35	142.3	150.98
Colleton	348.94	0.00	0.00	408.00	1,156.36	1,913.30
Darlington	3.50	185.00	388.00	0.00	215.08	791.58
Dillon	0.00	0.00	0.00	0.00	78.54	78.54
Dorchester	7.61	7,907.00	23.00	15.50	7.00	7,960.11
Edgefield	3.83	0.00	0.00	0.00	134.54	138.37
Fairfield	2.53	0.00	0.00	0.00	229.76	232.29
Florence	8.10	7,977.34	23.00	5.84	228.34	8,242.62
Georgetown	10.83	0.00	0.00	0.00	5,886.30	5,897.13
Greenville	69.82	30,822.97	331.11	0.27	1,779.92	33,004.09
Greenwood	8.35	3,468.77	2,997.02	121.65	691.68	7,287.48
Hampton	24.00	0.00	0.00	0.00	121.42	145.42
Horry	566.95	18,140.15	1,112.70	428.40	5,634.40	25,882.60
Jasper	0.67	84.04	1.00	0.00	63.96	149.67
Kershaw	23.37	56.56	2.60	0.00	5.15	87.68
Lancaster	7.17	293.45	0.00	0.00	270.25	570.87
Laurens	8.11	3,389.50	15.00	0.00	382.05	3,794.66
Lee	3.30	0.00	0.00	4.90	188.70	196.90
Lexington	191.82	28,392.55	1,870.00	67.70	3,349.80	33,871.86
Marion	0.00	2,494.45	300.05	0.00	30.02	2,824.52
Marlboro	54.50	1,249.14	929.00	20.00	0.00	2,252.64
McCormick	1.79	0.00	0.00	0.00	48.62	50.41
Newberry	0.00	331.42	0.00	0.00	302.20	633.62
Oconee	18.90	248.79	0.00	11.88	13,213.51	13,493.08
Orangeburg	247.55	15,860.62	16.00	1.18	1,651.85	17,777.20
Pickens	132.39	163.86	33.00	3.13	753.25	1,085.63
Richland	487.97	23,936.76	373.00	220.92	936.10	25,954.74
Saluda	2.75	0.00	0.00	0.00	89.60	92.35
Spartanburg	6.78	17,322.85	621.39	17.27	3,690.19	21,658.48
Sumter	12.70	11.68	0.00	39.26	4,165.5	4,229.14
Union	0.53	0.00	0.00	0.00	126.52	127.05
Williamsburg	0.50	10.00	0.00	139.70	54.57	204.77
York	154.99	12,033.05	10.75	80.39	2,218.99	14,498.17
<b>STATE TOTAL</b>	<b>3,781.83</b>	<b>263,837.46</b>	<b>10,584.42</b>	<b>1,800.32</b>	<b>60,619.26</b>	<b>340,623.29</b>



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

COUNTY	CARDBOARD	MAGAZINES	NEWSPAPER	OFFICE PAPER	PAPER-BOARD	PHONE BOOKS	MIXED PAPER	COUNTY TOTAL
Abbeville	1,011.38	0.00	0.00	7.13	0.00	0.00	105.38	1,123.89
Aiken	4,998.15	0.00	1,413.99	149.20	0.00	0.00	2,588.35	9,149.69
Allendale	2.69	0.00	8.08	0.00	0.00	0.00	0.00	10.77
Anderson	5,326.16	0.37	1.58	70.19	0.00	0.55	2,465.52	7,864.36
Bamberg	79.15	0.00	0.00	0.00	0.00	0.00	0.00	79.15
Barnwell	192.00	0.00	0.00	0.00	0.00	0.00	64.00	256.00
Beaufort	14,961.05	1.00	1,524.41	690.15	0.00	1.01	1,180.76	18,358.38
Berkeley	5,148.01	0.77	0.51	24.98	0.00	0.21	398.68	5,573.16
Calhoun	295.37	0.00	0.00	9.96	0.00	0.00	0.00	305.33
Charleston	9,985.67	3.89	0.00	1,108.93	14.20	1.30	6,199.33	17,313.32
Cherokee	3,026.40	0.00	0.00	13.63	0.00	0.00	208.71	3,248.73
Chester	254.84	0.08	176.27	3.13	0.00	0.08	0.10	434.50
Chesterfield	545.65	0.92	1.30	4.08	0.00	0.00	0.00	551.95
Clarendon	109.66	0.00	0.00	0.00	0.00	0.00	91.73	201.39
Colleton	285.4	0.00	0.00	0.00	0.00	0.00	0.00	285.40
Darlington	744.35	0.00	18.02	4.00	0.00	0.00	4,254.53	5,020.90
Dillon	298.94	0.00	31.32	0.00	0.00	0.00	0.50	330.76
Dorchester	534.34	0.50	0.00	102.00	0.00	0.00	822.97	1,459.81
Edgefield	116.81	0.00	125.29	0.00	0.00	0.00	36.24	278.34
Fairfield	194.67	0.00	0.00	128.00	0.00	0.05	173.60	496.32
Florence	48.75	1.00	177.48	36.50	0.00	1.10	19.33	284.16
Georgetown	715.82	0.00	428.90	14.81	0.00	0.00	0.60	1,160.13
Greenville	85,558.24	0.04	22.70	5,707.69	0.00	0.42	7,163.75	98,452.84
Greenwood	5,247.82	0.25	8.25	176.09	0.00	0.00	4,072.60	9,505.01
Hampton	66.73	14.63	27.16	1.78	0.00	0.00	0.00	110.30
Horry	137,310.77	29.32	5,584.90	2,699.63	1.72	70.90	262.00	145,959.24
Jasper	135.80	0.00	62.32	0.25	2.00	0.00	1.78	202.15
Kershaw	3,135.98	0.00	318.34	84.49	0.00	0.00	1.71	3,540.51
Lancaster	2,266.84	2.1	30.56	167.52	0.00	2.00	19.90	2,488.92
Laurens	9,447.81	0.00	187.23	103.82	0.00	0.00	135.21	9,874.07
Lee	0.00	0.00	0.00	0.00	0.00	0.00	18.40	18.40
Lexington	12,946.82	53.21	940.62	2,927.64	0.31	0.53	999.27	17,868.40
Marion	1,154.50	0.00	0.00	0.00	0.00	0.00	0.00	1,154.50
Marlboro	1,548.40	20.00	220.00	132.18	0.00	0.00	0.00	1,920.58
McCormick	47.43	0.00	23.99	0.00	0.00	0.00	38.30	109.72
Newberry	1,675.94	0.00	0.00	0.00	0.00	0.00	290.61	1,966.55
Oconee	3,827.95	0.75	179.89	171.33	0.00	0.00	571.52	4,751.45
Orangeburg	3,138.31	0.01	128.78	89.57	1.00	0.01	0.20	3,357.88
Pickens	6,733.33	5.30	0.50	787.89	0.50	0.00	2,345.72	9,873.24
Richland	11,565.04	27.94	1,721.58	3,615.88	2.00	11.40	1,020.56	17,964.39
Saluda	56.29	0.00	63.20	0.00	0.00	0.00	73.01	192.50
Spartanburg	16,268.00	2.50	2.26	314.99	0.25	0.31	24,189.29	40,777.59
Sumter	1,773.17	0.75	0.50	65.02	0.00	0.07	1,262.14	3,101.65
Union	6,387.01	0.00	0.00	0.00	0.00	0.00	255.54	6,642.55
Williamsburg	99.23	0.00	0.00	10.00	0.00	1.00	22.89	133.12
York	18,453.88	781.52	910.60	327.23	0.50	3.77	554.83	21,032.33
<b>STATE TOTAL</b>	<b>377,720.54</b>	<b>946.85</b>	<b>14,340.53</b>	<b>19,749.68</b>	<b>22.48</b>	<b>94.70</b>	<b>61,909.54</b>	<b>474,784.31</b>

Paper made up nearly  
**35%**  
of all MSW recycled.

Local governments reported earning more than  
**\$1 million**  
from paper.

Paper recycling increased nearly  
**20%**  
from FY12 to FY13.

On average, more than  
**200**  
pounds of paper were recycled per South Carolinian.

**NOTE:** This table does not include any paper that was collected in commingled recycling programs.

Nearly  
**80%**  
of the plastic  
recycled came  
from commercial,  
institutional and  
industrial sources.

Local  
governments  
reported earning  
more than  
**\$200,000**  
from plastic.

Plastic  
recycling increased  
nearly  
**9%**  
from FY12 to FY13.

On average,  
more than  
**8**  
pounds of plastic  
were recycled per  
South Carolinian.

**NOTE:** This table does not  
include any plastic that was  
collected in commingled  
recycling programs.

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

COUNTY	HDPE	LDPE	PET	PP	PS	VINYL	COMMINGLED PET & HDPE	MIXED PLASTIC	COUNTY TOTAL
Abbeville	23.42	25.25	26.38	0.00	0.00	140.84	0.00	65.28	281.17
Aiken	72.98	0.00	128.30	0.00	0.00	0.00	0.00	817.15	1,018.43
Allendale	2.30	0.00	0.00	0.00	0.00	0.00	0.55	0.00	2.85
Anderson	12.91	38.39	12.80	0.00	0.00	2.50	0.00	80.35	146.95
Bamberg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	1.72
Barnwell	0.00	0.00	0.00	0.00	0.00	0.00	16.14	0.00	16.14
Beaufort	0.00	0.00	0.00	0.00	0.00	0.00	320.9	337.05	657.95
Berkeley	14.25	26.33	2.63	0.00	0.00	0.00	0.00	189.69	232.9
Calhoun	26.79	0.00	0.00	0.00	0.00	0.00	0.00	6.28	33.07
Charleston	9.38	0.00	0.00	0.00	0.00	0.00	5.00	263.00	277.38
Cherokee	0.21	0.00	0.06	0.00	0.00	0.00	22.80	200.52	223.59
Chester	0.00	0.00	0.00	0.00	0.00	0.00	0.00	93.15	93.15
Chesterfield	3.10	58.80	0.69	0.00	0.00	0.00	0.00	1.87	64.46
Clarendon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.79	42.79
Colleton	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.01	80.01
Darlington	0.00	0.00	3.00	0.00	0.00	0.00	0.00	51.00	54.00
Dillon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dorchester	0.00	0.00	0.00	0.00	0.00	0.00	0.00	142.15	142.15
Edgefield	0.00	0.00	0.00	0.00	0.00	0.00	23.79	0.00	23.79
Fairfield	50.99	0.00	0.00	0.00	0.00	0.00	4.14	0.00	55.13
Florence	9.17	0.00	17.35	0.00	0.00	0.00	0.00	25.86	52.38
Georgetown	48.63	0.00	78.19	0.00	0.00	0.00	0.00	14.06	140.88
Greenville	7.43	8.60	14.38	0.00	0.00	0.00	27.00	3,289.02	3,346.43
Greenwood	40.73	0.30	54.41	0.00	0.00	0.00	44.12	292.73	432.29
Hampton	12.15	0.00	0.00	0.00	0.00	0.00	1.17	0.00	13.32
Horry	416.10	0.50	707.49	0.00	0.00	0.36	397.20	152.30	1,673.95
Jasper	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.81	25.81
Kershaw	418.41	0.00	0.67	0.00	0.00	0.00	7.54	1.31	427.92
Lancaster	0.00	0.00	359.02	0.00	0.00	0.00	0.00	284.07	643.08
Laurens	0.34	0.00	0.30	0.00	0.00	0.00	6.27	1,028.97	1,035.88
Lee	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.00	12.00
Lexington	74.59	0.00	1.27	14.88	0.00	0.10	228.30	237.19	556.33
Marion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.34	27.34
Marlboro	144.08	0.00	131.80	0.00	0.00	0.00	118.00	135.46	529.34
McCormick	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.45	4.45
Newberry	0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.30	60.30
Oconee	2.26	13.19	19.40	0.00	0.00	0.00	92.22	11.10	138.17
Orangeburg	34.85	0.00	0.00	0.00	0.00	0.00	0.49	19.95	55.29
Pickens	64.18	0.00	45.80	0.00	0.00	1.00	0.00	228.18	339.16
Richland	380.30	32.66	128.69	0.00	0.00	0.60	285.30	347.64	1,175.18
Saluda	0.00	0.00	0.00	0.00	0.00	0.00	16.97	0.00	16.97
Spartanburg	11.51	216.84	20.83	0.00	0.00	0.05	0.00	3,929.76	4,178.99
Sumter	29.54	0.00	0.30	0.00	0.00	0.00	9.34	113.79	152.97
Union	9.34	0.00	11.39	0.00	0.00	0.00	0.00	0.00	20.73
Williamsburg	210.35	0.00	5.65	0.00	0.00	0.00	0.00	0.00	216.00
York	55.02	0.00	261.43	0.00	0.00	0.00	125.99	648.65	1,091.08
<b>STATE TOTAL</b>	<b>2,185.31</b>	<b>420.86</b>	<b>2,032.21</b>	<b>14.88</b>	<b>0.00</b>	<b>145.45</b>	<b>1,753.23</b>	<b>13,261.92</b>	<b>19,813.86</b>

**TABLE 5.6: Banned Items Recycled by County in Tons**

COUNTY	APPLIANCES	ELECTRONICS	LEAD-ACID BATTERIES	TIRES	USED MOTOR OIL	YARD TRIMMINGS	COUNTY TOTAL
Abbeville	1.38	106.34	226.40	275.99	19.89	0.00	630.00
Aiken	0.55	512.25	814.70	1,293.35	126.31	0.00	2,747.16
Allendale	0.00	25.64	48.38	38.45	5.16	0.00	117.63
Anderson	0.00	320.50	1,709.70	3,391.25	124.25	0.00	5,545.70
Bamberg	0.00	31.34	76.36	182.34	13.00	691.50	994.54
Barnwell	0.80	27.18	107.60	470.78	20.84	0.00	627.20
Beaufort	881.30	286.05	862.07	1,137.53	99.54	16,739.12	20,005.61
Berkeley	1,801.20	376.82	1,132.35	917.96	122.60	13,655.80	18,006.73
Calhoun	20.00	26.05	73.69	151.70	16.65	0.00	288.09
Charleston	2,185.19	472.27	2,084.78	3,393.64	176.80	53,727.11	62,039.79
Cherokee	48.00	29.46	282.59	785.10	23.76	795.84	1,964.75
Chester	0.05	45.38	157.84	227.87	23.18	0.00	454.32
Chesterfield	0.00	110.51	223.51	436.54	27.79	0.00	798.35
Clarendon	0.00	68.73	166.45	132.28	27.70	0.00	395.16
Colleton	7.30	103.18	206.44	505.49	32.05	0.00	854.46
Darlington	0.00	188.22	332.12	702.48	25.87	0.00	1,248.69
Dillon	0.00	87.47	152.34	357.39	16.40	0.00	613.60
Dorchester	435.55	296.84	690.39	729.27	102.56	16,381.18	18,635.79
Edgefield	33.36	73.06	127.65	196.85	37.92	0.00	468.84
Fairfield	0.00	99.03	125.08	581.70	31.24	900.00	1,737.05
Florence	1,087.00	288.93	668.34	1,165.21	77.60	7,521.50	10,808.58
Georgetown	0.00	175.96	291.61	799.89	67.69	4,192.87	5,528.02
Greenville	1,255.83	770.51	2,665.76	9,203.55	229.87	25,898.81	40,024.33
Greenwood	2.00	129.38	339.57	1,192.55	26.94	484.14	2,174.58
Hampton	25.58	39.28	107.37	362.01	24.93	1,784.99	2,344.16
Horry	7.90	1,060.67	3,809.01	4,875.56	160.18	39,394.86	49,308.18
Jasper	40.99	66.94	127.41	108.77	21.66	1.31	367.08
Kershaw	14.76	81.24	302.03	704.43	75.60	17,473.10	18,651.16
Lancaster	11.41	110.82	383.54	589.48	4.15	3,488.40	4,587.80
Laurens	0.00	185.32	321.09	426.28	31.99	1.00	965.68
Lee	0.00	28.63	98.36	171.60	12.46	2,245.99	2,557.04
Lexington	1,246.60	372.65	1,477.24	1,646.07	258.12	17,017.35	22,018.03
Marion	0.00	19.58	194.24	568.46	9.53	0.00	791.81
Marlboro	0.00	11.57	137.14	205.86	6.03	2.61	363.21
McCormick	12.15	35.17	47.38	57.12	8.19	0.00	160.01
Newberry	0.00	108.75	182.04	261.07	28.50	3,101.85	3,682.21
Oconee	460.08	2.50	576.67	688.80	55.68	2,814.32	4,598.05
Orangeburg	15.00	182.30	480.83	703.78	47.70	0.00	1,429.61
Pickens	1,462.60	408.89	582.29	972.87	118.62	7,362.45	10,907.72
Richland	564.95	2,314.51	2,332.42	2,335.47	95.90	7,796.26	15,439.51
Saluda	22.40	63.04	96.36	188.16	26.05	0.00	396.01
Spartanburg	620.00	663.56	1,564.39	2,113.11	148.93	122.81	5,232.80
Sumter	3,628.40	165.31	523.49	893.64	54.10	955.81	6,220.75
Union	0.00	60.45	136.88	137.87	13.22	0.00	348.42
Williamsburg	0.00	92.62	162.88	728.52	40.93	0.00	1,024.95
York	4,000.05	834.99	1,673.41	1,931.92	182.86	21,137.58	29,760.81
<b>STATE TOTAL</b>	<b>19,892.36</b>	<b>11,559.92</b>	<b>28,882.17</b>	<b>48,940.00</b>	<b>2,900.94</b>	<b>265,688.56</b>	<b>377,863.96</b>

About  
**8%**  
more yard trimmings were recycled in FY13 than in FY12.

Recycling of banned items increased  
**15%**  
from FY12 to FY13.

About  
**28%**  
of all MSW recycled was banned items.

On average, nearly  
**160**  
pounds of banned items were recycled per South Carolinian.

## S.C. HHM Collection Programs

Below is the list of hazardous household material (HHM) programs – including paint – recycled by residential sources in FY13.\*

- **Beaufort County**  
Single-day collection events and permanent paint collection sites (53 tons)
- **Charleston County**  
Permanent collection site (174.8 tons)
- **City of North Augusta**  
Single-day collection events (9.51 tons)
- **Georgetown County**  
Permanent collection site (340 pounds)
- **Horry County**  
Permanent collection site (1,163.67 tons)
- **Orangeburg County**  
Single-day collection event (5.45 tons)
- **Pickens County**  
Single-day collection event (22.14 tons)
- **Richland County**  
Single-day collection event (2,161 tons)
- **Spartanburg County**  
Single-day collection event (20.96 tons)
- **Town of Surfside Beach**  
Single-day collection events (3.02 tons)
- **York County**  
Single-day collection events and a permanent collection site (63.43 tons)

\* List may not be complete.

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

COUNTY	ANTIFREEZE	COOKING OIL/GREASE	FLUORESCENT BULBS	FOOD SCRAPS	HHM	INKJET/TONER CARTRIDGES	MATTRESSES	PAINT
Abbeville	0.00	0.00	1.35	0.00	0.00	0.00	0.00	0.00
Aiken	9.33	0.20	16.04	0.00	2.99	0.53	0.00	7.77
Allendale	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Anderson	0.22	0.00	9.90	1,060.73	0.00	1.22	0.00	86.90
Bamberg	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Barnwell	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Beaufort	10.98	1,430.44	9.31	0.00	0.00	1.90	164.10	53.00
Berkeley	6.81	38.80	7.28	408.76	0.00	0.80	0.00	0.30
Calhoun	0.00	0.00	1.65	0.00	0.00	0.00	0.00	0.00
Charleston	50.26	70.74	24.54	1,841.41	53.90	16.72	0.00	150.19
Cherokee	0.85	0.00	4.61	0.00	0.00	0.09	0.00	0.00
Chester	0.25	1.27	0.09	0.00	0.00	0.05	0.00	0.02
Chesterfield	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.00
Clarendon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Colleton	0.00	23.11	0.00	0.00	0.00	14.36	0.00	0.00
Darlington	0.50	4.43	0.60	0.00	0.00	0.25	0.00	0.00
Dillon	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00
Dorchester	9.00	0.97	0.63	0.00	0.00	0.32	0.00	0.00
Edgefield	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fairfield	0.00	4.31	0.31	0.00	0.00	0.00	0.00	0.00
Florence	0.10	2.58	0.00	0.00	0.00	0.00	0.00	0.00
Georgetown	0.52	1.35	0.00	0.00	0.00	0.00	0.00	0.17
Greenville	66.67	57.68	44.56	474.07	0.00	11.01	0.00	3.38
Greenwood	1.68	1.00	2.76	0.00	0.00	0.11	0.00	0.00
Hampton	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
Horry	79.06	786.16	4.73	880.52	1100.12	6.62	67.45	64.05
Jasper	0.00	2.05	0.00	0.00	0.00	0.00	0.00	0.00
Kershaw	0.19	0.13	0.08	0.00	0.00	0.01	0.00	0.00
Lancaster	0.00	0.78	0.23	0.00	1.88	0.89	0.00	3.40
Laurens	0.00	7.49	1.15	7.70	0.00	0.00	0.00	0.00
Lee	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
Lexington	12.68	1,701.54	29.36	3,649.00	0.00	9.97	94.02	0.50
Marion	2.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Marlboro	0.00	0.00	0.10	0.00	0.00	0.10	0.00	0.00
McCormick	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Newberry	0.00	0.33	0.15	0.00	0.00	0.00	0.00	0.00
Oconee	16.57	1,786.92	3.86	0.00	0.00	0.15	0.00	81.97
Orangeburg	0.00	372.62	2.79	583.66	0.00	0.26	0.00	5.45
Pickens	6.42	132.46	13.28	0.00	0.00	7.52	0.00	22.14
Richland	15.58	21.99	15.15	0.40	2,161.00	20.10	37.10	6.50
Saluda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Spartanburg	12.10	0.09	11.01	0.00	12.15	0.60	0.00	40.53
Sumter	2.40	6.16	3.49	0.00	0.00	0.83	0.00	0.00
Union	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00
Williamsburg	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00
York	16.98	27.06	675.58	0.00	17.31	67.59	0.00	50.20
<b>STATE TOTAL</b>	<b>321.74</b>	<b>6,483.75</b>	<b>888.63</b>	<b>8,906.25</b>	<b>3,349.35</b>	<b>168.65</b>	<b>362.67</b>	<b>576.46</b>

Continued on the following page

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

COUNTY	RECHARGEABLE BATTERIES	TEXTILES	USED OIL FILTERS	WOOD PACKAGING	OTHER ITEMS	TOTAL
Abbeville	0.12	3.00	1.57	457.07	9.53	472.64
Aiken	2.34	0.00	11.09	165.92	103.91	320.10
Allendale	0.00	0.00	0.00	0.00	0.00	0.00
Anderson	0.10	0.00	1.00	902.09	0.66	2,062.82
Bamberg	0.00	0.00	0.00	0.00	0.00	0.00
Barnwell	0.00	0.00	0.79	0.00	0.00	1.23
Beaufort	2.27	235.7	11.07	417.99	55.45	2,392.21
Berkeley	2.44	1.00	57.28	607.55	71.14	1,202.14
Calhoun	0.33	0.00	0.80	23.13	15.60	41.51
Charleston	7.29	0.25	112.58	1,154.16	71.61	3,553.65
Cherokee	0.47	0.00	1.64	740.50	0.00	748.15
Chester	0.04	25.20	0.56	26.18	0.09	53.75
Chesterfield	0.00	2,824.75	0.75	0.00	0.00	2,826.29
Clarendon	0.00	0.00	4.53	0.00	0.00	4.53
Colleton	0.00	0.00	6.23	0.00	0.00	43.70
Darlington	0.00	0.00	4.50	84.00	0.00	94.28
Dillon	0.00	0.00	0.00	702.00	0.00	702.25
Dorchester	0.00	0.00	22.00	321.00	0.25	354.18
Edgefield	0.00	0.00	0.00	0.00	0.00	0.00
Fairfield	0.15	0.00	3.05	0.00	0.00	7.81
Florence	1.00	0.00	4.95	9.00	0.14	18.77
Georgetown	0.00	20.90	1.48	0.00	0.00	24.42
Greenville	5.68	70.00	150.98	3,318.59	864.94	5,067.56
Greenwood	0.11	0.00	0.51	3.70	3.00	12.87
Hampton	0.00	0.00	1.63	5.27	0.00	6.93
Horry	7.47	32.42	218.77	219.95	236.59	3,703.91
Jasper	0.00	0.00	0.00	0.21	0.00	2.26
Kershaw	0.00	0.00	0.69	30.13	0.00	31.22
Lancaster	0.00	0.00	4.05	1,960.3	0.00	1,971.52
Laurens	0.00	0.00	0.00	33.30	94.92	144.56
Lee	0.00	0.00	3.90	0.00	0.00	5.90
Lexington	0.48	71.86	98.74	2,452.06	305.34	8,425.54
Marion	0.00	0.00	5.00	0.00	0.00	7.16
Marlboro	0.00	116.00	1.50	31.30	15.50	164.50
McCormick	0.00	0.00	0.00	0.00	0.00	0.00
Newberry	0.00	0.00	0.00	48.00	0.00	48.48
Oconee	1.26	131.00	18.41	1,294.99	271.80	3,606.93
Orangeburg	0.45	0.00	4.63	1,071.45	1.00	2,042.31
Pickens	0.26	146.85	9.24	175.85	5.44	519.45
Richland	3.28	60.37	39.87	943.61	76.84	3,401.77
Saluda	0.00	0.00	0.00	0.00	0.00	0.00
Spartanburg	2.80	0.00	8.22	7,233.12	2,566.22	9,886.83
Sumter	0.00	0.00	12.34	48.16	0.61	73.99
Union	0.08	0.00	1.10	0.00	36.00	38.29
Williamsburg	0.01	0.00	3.56	66.43	0.00	76.67
York	7.20	95.84	22.07	1,944.57	54.00	2,978.4
<b>STATE TOTAL</b>	<b>45.60</b>	<b>3,835.14</b>	<b>851.07</b>	<b>26,491.56</b>	<b>4,860.58</b>	<b>57,141.48</b>

Wood packaging made up

**46%**

of all miscellaneous items recycled.

Spartanburg County recycled about

**10,000**

tons of miscellaneous items – more than any other county.

Paint recycling increased

**420%**

from FY12 to FY13.

More than

**24**

pounds of miscellaneous items were recycled per South Carolinian.

## Commingled Collection

More and more programs nationwide are moving to commingled collection programs – that is one cart or container for all recyclables. Also known as single-stream, South Carolina is no exception to this trend. There is at least one single-stream collection program in 23 of the state’s 46 counties and other programs are considering making the change.



Commingled collection programs have several key benefits. For residents, it is easy to understand and convenient (one container for everything) and often leads to increased participation and more material collected. The largest drawback to commingled collection is an increase in contamination of the collected material that is sent to processors and end markets. The contamination – unwanted material – reduces the market value of the material or may result in the collected material being disposed of instead of recycled. At the very least, this contamination results in a lower quality of material being sent to processors, that, in turn, must remove the contaminants and pay for their disposal. This results in lower prices being paid to local governments and others for the material.

Commingled collection also makes it difficult, if not impossible, to track recycled material by commodity (e.g., glass, metal, paper, plastic). Commingled material, however, is counted as MSW and included in the state’s MSW recycling rate.

In FY13, 92,550 tons of commingled material were recycled. This accounts for 6.7 percent of all MSW that was recycled and is a 13 percent increase from the 81,810 tons of commingled material that were recycled in FY12. Given this, it is important to note that when looking at statewide or county-by-county numbers and/or trends of individual commodities, the amount of material reported for each individual commodity does not include commingled material.

In addition to increased commingled collection programs, local governments also are exploring the benefits of switching from smaller curbside bins to larger roll carts to collect recyclables. This switch provides local governments with the opportunity to accept additional commodities for recycling and may lead to more material being collected. This, in turn, may bring about increased revenue from the sale of the material. Local governments that use roll carts for recycling often change collection schedules from once a week to once every two weeks – which helps with increased collection efficiency and lower collection costs.

**TABLE 5.7:  
Commingled Items  
Recycled by County**

COUNTY	TONS
Abbeville	7.97
Aiken	6,958.24
Allendale	0.00
Anderson	2,648.82
Bamberg	0.00
Barnwell	0.00
Beaufort	4,441.01
Berkeley	1,364.12
Calhoun	142.10
Charleston	20,384.93
Cherokee	7.65
Chester	0.00
Chesterfield	280.26
Clarendon	0.00
Colleton	0.00
Darlington	1,149.10
Dillon	80.21
Dorchester	1,344.15
Edgefield	48.85
Fairfield	0.00
Florence	1,433.01
Georgetown	0.00
Greenville	14,611.55
Greenwood	2,019.00
Hampton	0.00
Horry	300.54
Jasper	0.00
Kershaw	321.40
Lancaster	601.40
Laurens	15.07
Lee	0.00
Lexington	6,025.57
Marion	7.70
Marlboro	233.00
McCormick	0.00
Newberry	0.00
Oconee	0.00
Orangeburg	2,433.00
Pickens	1,964.07
Richland	12,062.78
Saluda	33.62
Spartanburg	7,457.60
Sumter	0.05
Union	0.00
Williamsburg	0.00
York	4,173.65
<b>STATE TOTAL</b>	<b>92,550.41</b>

Commingled  
recyclables  
accounted for

**15.5%**

of MSW recycled  
from residential  
sources in FY13.

Charleston County  
collected  
more than

**20,000**

tons of  
commingled  
material in FY13.

About

**35**

pounds of  
commingled  
material were  
recycled per South  
Carolinian.



# Used Motor Oil Recycling

## SECTION

# 6

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 annually compile a report on the state’s used motor oil recycling program for do-it-yourself oil changers (DIYers). 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.

The Act requires that transporters of used motor oil report to DHEC the amount hauled each calendar year (CY). Grant funding and the solid waste data in this publication are reported by fiscal year (FY). For purposes of this report, however, the amount of used motor oil collected is presented in two ways: 1) by CY12; and 2) by FY13

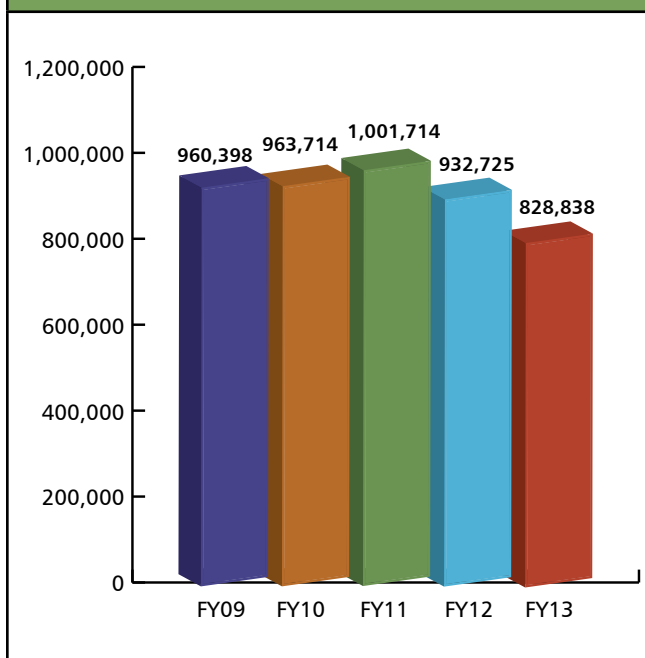


(July 1, 2012 to June 30, 2013). In South Carolina, only used motor oil generated and recycled by DIYers is counted as part of the state’s MSW recycling rate.

In CY12, DIYers recycled 705,141 gallons of used motor oil at 921 collection sites. The sites are provided by local governments, retailers, quick lubes and auto parts stores. In FY13, DIYers recycled 828,838 gallons (which equates to 2,901 tons) of used motor oil. Chart 6.1 illustrates the success of the used motor oil collection program by FY. Table 6.2 lists by county the number of sites and gallons collected as well as grant awards to the county or municipalities within that county.

Annual collection data for DIY used motor oil recycling seems to indicate a substantial decrease from the previous CY. This may be attributed to several factors including: 1) the number of DIYers may be decreasing; 2) some local governments may use DIY used motor oil in waste oil heaters and do not track or report that volume; and 3) the frequency of DIY oil changes may be decreasing due to the economy, use of synthetic motor oil and new manufacturer recommendations.

**CHART 6.1: DIY Used Motor Oil Recycling by FY in Gallons**



There is a fee of two 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 FY13, \$676,748 was awarded to local government programs. The amount of individual grant awards for FY13 is provided in Table 6.2. Grant funds are used primarily for the purchase of equipment and supplies associated with used motor oil collection sites. Funds also are used to cover costs for used motor oil

*Motor oil recycling may have declined in FY13 due to a decrease in the number of DIYers and the economy.*

*In FY13, \$676,748 was awarded to local government programs to support motor oil collection and recycling.*

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 also collect used motor oil filters and bottles from DIYers. The amount of used motor oil filters and motor oil bottles recycled are not always available as many counties collect and market filters with other metals and bottles with other HDPE plastic bottles and jugs. The data presented in Table 5.7 does not reflect the full extent of used motor oil filter recycling in the state.

Overall, there are few barriers to recycling used motor oil, used

motor oil filters and motor oil bottles. Markets are not an issue.

The S.C. Budget and Control Board has developed a state-term contract that provides vendors for the recycling of used motor oil and used motor oil filters. In fact, the state-term contract vendor for used motor oil collection and recycling pays contract users 65 cents per gallon of used motor oil collected. Other markets – including Santee Cooper – are available as well.

Bottles, if properly drained, can be recycled with other plastic. In addition to the state-term contract, scrap dealers and steel mills accept drained/crushed used oil filters for recycling.

*There are few barriers to recycling used motor oil, bottles and filters in South Carolina.*

TABLE 6.2: Number of DIY Used Motor Oil Collection Sites, FY13 Grants Awarded, Gallons Collected and Tonnage Equivalent by County				
GRANTEE	NUMBER OF SITES	GRANT AMOUNT	FY13 GALLONS	TONS
Abbeville	13	\$10,520.00	5,683	19.89
Aiken	32	\$0.00	36,088	126.31
Akien, City of	◆	\$6,620.00	◆	◆
North Augusta, City of	◆	\$2,100.00	◆	◆
Allendale	6	\$7,225.00	1,476	5.16
Anderson	33	\$16,855.00	35,500	124.25
Bamberg	10	\$6,650.00	3,714	13
Barnwell	14	\$6,200.00	5,954	20.84
Beaufort	20	\$8,510.00	28,440	99.54
Berkeley	31	\$14,763.00	35,029	122.6
Calhoun	10	\$5,475.00	4,757	16.65
Charleston	30	\$12,468.00	50,514	176.8
Cherokee	18	\$11,200.00	6,789	23.76
Chester	15	\$4,050.00	6,623	23.18
Chesterfield	13	\$19,818.00	7,940	27.79
Clarendon	20	\$5,500.00	7,914	27.7
Colleton	19	\$5,738.00	9,158	32.05
Darlington	19	\$10,020.00	7,391	25.87
Dillon	18	\$4,800.00	4,686	16.4
Dorchester	21	\$21,250.00	29,303	102.56
Edgefield	9	\$23,420.00	10,834	37.92
Fairfield	13	\$21,272.00	8,925	31.2
Florence	30	\$6,538.00	22,171	77.6
Georgetown	22	\$43,800.00	19,340	67.69

Continued on the following page

**TABLE 6.2: Number of DIY Used Motor Oil Collection Sites, FY13 Grants Awarded, Gallons Collected and Tonnage Equivalent by County (continued)**

GRANTEE	NUMBER OF SITES	FY13 BUDGET	FY13 GALLONS	TONS
Greenville	40	\$9,663.00	65,677	229.87
Greenville, City of	◆	\$1,500.00	◆	◆
Simpsonville, City of	◆	\$2,317.00	◆	◆
Greenwood	14	\$15,542.00	7,697	26.94
Hampton	13	\$7,775.00	7,123	24.93
Horry	45	\$21,290.00	45,766	160.18
Jasper	7	\$2,750.00	6,189	21.66
Kershaw	17	\$5,750.00	21,600	75.6
Lancaster	16	\$8,850.00	1,186	4.15
Laurens	13	\$3,750.00	9,140	31.99
Lee	10	\$5,230.00	3,560	12.46
Lexington	34	\$59,939.00	73,749	258.12
Marion	9	\$3,885.00	2,723	9.53
Marlboro	17	\$17,005.00	1,723	6.03
McCormick	4	\$3,000.00	2,340	8.19
Newberry	15	\$7,155.00	8,143	28.5
Oconee	21	\$9,750.00	15,909	55.68
Orangeburg	30	\$11,440.00	13,629	47.7
Pickens	19	\$6,560.00	33,891	118.62
Liberty, City of	◆	\$6,450.00	◆	◆
Richland	31	\$13,666.00	27,400	95.9
Columbia, City of	◆	\$5,750.00	◆	◆
Saluda	9	\$18,315.00	7,443	26.05
Spartanburg	43	\$8,150.00	42,551	148.93
Spartanburg, City of	◆	\$3,750.00	◆	◆
Sumter	22	\$24,694.00	15,457	54.1
Sumter, City of	◆	\$7,550.00	◆	◆
Union	10	\$62,260.00	3,777	13.22
Williamsburg	25	\$16,720.00	11,694	40.93
York	41	\$24,500.00	52,246	182.86
Rock Hill, City of	◆	\$5,110.00	◆	◆
Three Rivers SWA <sup>1</sup>	◆	\$750.00	◆	◆
Tri-County SWA <sup>2</sup>	◆	\$1,140.00	◆	◆
<b>TOTAL</b>	<b>921</b>	<b>\$676,748.00</b>	<b>828,838</b>	<b>2,901.00</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 (921) includes retailers, quick lubes and auto parts stores. Gallons are converted to weight (1 gallon = 7 pounds).

# Recycling: State Agencies & Colleges/Universities

## SECTION 7

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;
- evaluate and make necessary modifications to their programs to ensure material is recycled to the maximum extent possible; and
- establish waste reduction programs for material used in the course of operations to achieve the maximum feasible reduction.

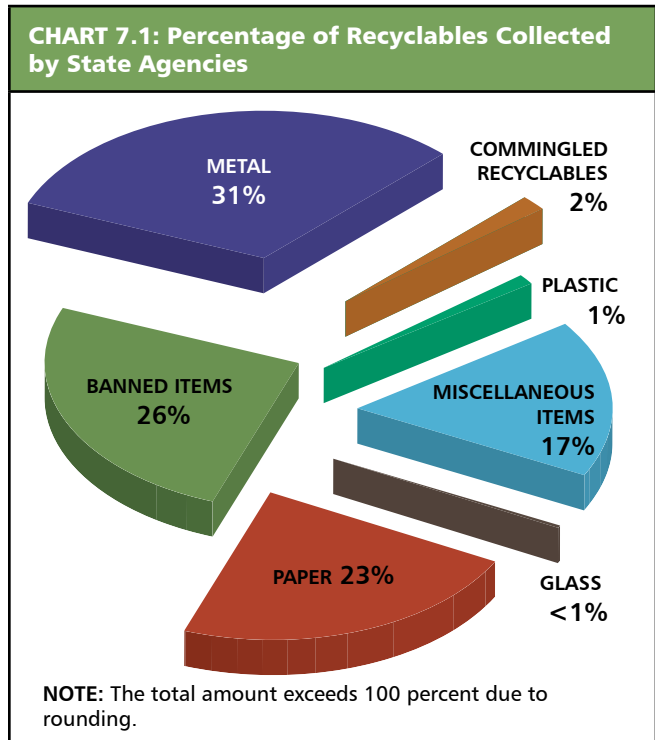
In addition, the Act requires state agencies and state-supported colleges/universities to submit to the S.C. Department of Health and Environmental Control (DHEC) by September 15 of each year the following information:

- reports detailing their recycling programs; and
- lists of products purchased that contain recycled material.

The Act requires DHEC to summarize this data and submit a report to the Governor and General Assembly by November 1 of each year. As part of the report, DHEC is required to determine the percentage of state purchases that contain recycled material. Since no statewide system is in place to track the purchase of recycled-content products, this percentage cannot be reported.

DHEC’s Office of Solid Waste Reduction and Recycling is responsible for compiling and reviewing the data submitted by state agencies and state-supported colleges/universities and publishing the “State Agencies & Colleges/Universities Recycling & Buying Recycled Annual Report.”

This section is a condensed version of the report and provides information for fiscal year (FY) 2013



**47**  
state agencies (of the 75 that provided data) reported buying recycled-content materials.

State agencies collected an additional  
**760**  
tons of recyclables in FY13 than in FY12.

Metal was the top commodity recycled with more than  
**3,300**  
tons collected.

Nearly  
**11,000**  
tons of recyclables were collected by state agencies.

**NOTE:** 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.

reflecting recycling and buying recycled activities from July 1, 2012 to June 30, 2013. (To see the complete report, visit [www.scdhec.gov/recycle](http://www.scdhec.gov/recycle).)

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 to provide information.

In FY13, about 25,053 tons of material was recycled by state agencies and colleges/universities – an increase of about 30 percent from the 19,335 tons

recycled in FY12. This data was compiled from the information reported by 75 state agencies and other governmental bodies as well as 36 colleges/universities.

*In FY13, state agencies and colleges/universities recycled 25,053 tons of material – about 30 percent more than FY12.*

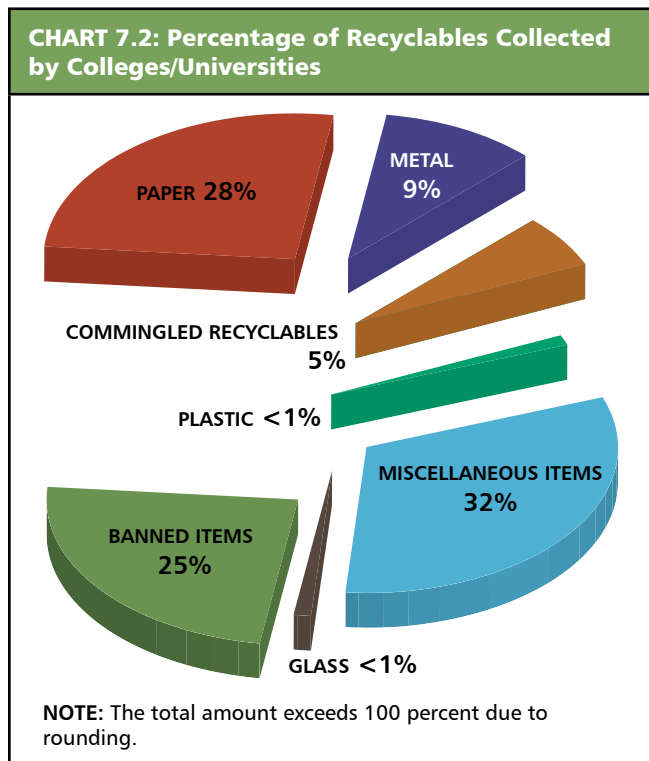
Overall, state agencies reported recycling 10,979 tons of material in FY13 – about a 7 percent increase from the 10,218 tons of material recycled the previous FY. Metal (e.g., aluminum, ferrous metals, steel

cans) was the most recycled commodity followed by Banned Items (e.g., appliances, electronics, lead-acid batteries, tires, used motor oil, yard trimmings).

Colleges/universities reported recycling about 14,074 tons of material – a 54 percent increase from the 9,117 tons of material recycled the previous FY. Miscellaneous Items (mostly construction and demolition debris) were the most recycled commodity followed by Paper. It is important to note that while construction and demolition (C&D) debris is counted as part of the overall recycling totals of state agencies and colleges/universities, it is not included in South Carolina's definition of municipal solid waste (MSW) and therefore not included in the state's MSW recycling rate.

*Colleges/universities reported recycling about 14,074 tons of material – a 54 percent increase from the previous FY.*

The recycled-content products purchased most frequently by state agencies and colleges/universities were office paper and inkjet/toner cartridges.



**25**  
colleges/universities (of the 36 that provided data) reported buying recycled-content materials.

Colleges/universities collected an additional  
**4,956**  
tons of recyclables in FY13 than in FY12.

More than  
**14,000**  
tons of recyclables were collected by colleges/universities.

Nearly  
**4,000**  
tons of paper were recycled by college/universities.



<b>TABLE 7.3: Commodities Recycled in Tons by State Agencies</b>			
<b>COMMODITIES RECYCLED</b>		<b>TONS</b>	
<b>BANNED ITEMS</b>	Appliances	38.94	
	Electronics	1,706.90	
	Lead-acid batteries	48.75	
	Tires	146.20	
	Used motor oil	868.47	
	Yard trimmings	8.26	
<b>TOTAL BANNED ITEMS</b>		<b>2,817.52</b>	
<b>COMMINGLED RECYCLABLES</b>	May include: aluminum cans; cardboard; paper; and/or plastic	191.95	
<b>TOTAL COMMINGLED RECYCLABLES</b>		<b>191.95</b>	
<b>GLASS</b> (Containers & Packaging)	Brown	0.94	
	Clear	1.68	
	Green	0.25	
	Other/mixed glass	93.78	
<b>TOTAL GLASS</b>		<b>96.65</b>	
<b>METAL</b>	Aluminium (cans, foil)	225.65	
	Ferrous metals	2,360.10	
	Steel cans	161.18	
	Other/mixed metal	612.11	
<b>TOTAL METAL</b>		<b>3,359.04</b>	
<b>PAPER</b>	Books	57.06	
	Cardboard	691.22	
	Magazines	11.40	
	Newspapers and inserts	7.20	
	Office paper	1,411.74	
	Paperboard	0.91	
	Phone books	11.87	
	Other/mixed paper	323.18	
<b>TOTAL PAPER</b>		<b>2,514.58</b>	
<b>PLASTIC</b>	HDPE	67.51	
	LDPE	0.16	
	PET	1.77	
	Vinyl	0.60	
	Other/mixed plastic	64.78	
<b>TOTAL PLASTIC</b>		<b>134.82</b>	
<b>MISCELLANEOUS ITEMS</b>	Antifreeze	15.51	
	Carpet	0.85	
	Clothing/textiles	60.03	
	1. Wood includes furniture, cabinets and pallets.	Construction & demolition debris	834.88
		Cooking oil	7.47
		Fluorescent bulbs	13.30
	2. Other includes ballasts, car parts, fishing line, oily rags and parts washer waste.	Food scraps	2.43
		Inkjet/toner cartridges	15.06
		Paint (oil or latex)	2.43
		Rechargeable batteries	3.66
		Used oil filters	43.66
	Wood <sup>1</sup>	803.71	
	Other <sup>2</sup>	61.22	
<b>TOTAL MISCELLANEOUS ITEMS</b>		<b>1,864.21</b>	
<b>TOTAL FOR ALL</b>		<b>10,978.77</b>	

<b>TABLE 7.4: Commodities Recycled in Tons by Colleges and Universities</b>			
<b>COMMODITIES RECYCLED</b>		<b>TONS</b>	
<b>BANNED ITEMS</b>	Appliances	628.91	
	Electronics	344.11	
	Lead-acid batteries	9.95	
	Tires	47.75	
	Used motor oil	34.05	
	Yard trimmings	2,511.26	
<b>TOTAL BANNED ITEMS</b>		<b>3,576.03</b>	
<b>COMMINGLED RECYCLABLES</b>	May include: aluminum cans; cardboard; glass; paper; and/or plastic	750.95	
<b>TOTAL COMMINGLED RECYCLABLES</b>		<b>750.95</b>	
<b>GLASS</b> (Containers & Packaging)	Brown	0.05	
	Clear	4.16	
	Green	0.00	
	Other/mixed glass	20.21	
<b>TOTAL GLASS</b>		<b>24.42</b>	
<b>METAL</b>	Aluminium (cans, foil)	11.45	
	Ferrous metals	351.44	
	Steel cans	35.79	
	Other/mixed metal	824.55	
<b>TOTAL METAL</b>		<b>1,223.23</b>	
<b>PAPER</b>	Books	46.08	
	Cardboard	2,127.16	
	Magazines	8.16	
	Newspapers and inserts	4.54	
	Office paper	1,081.97	
	Paperboard	1.20	
	Phone books	2.06	
	Other/mixed paper	631.83	
<b>TOTAL PAPER</b>		<b>3,903.00</b>	
<b>PLASTIC</b>	HDPE	3.51	
	LDPE	2.40	
	PET	23.46	
	Vinyl	0.00	
	Other/mixed plastic	70.61	
<b>TOTAL PLASTIC</b>		<b>99.98</b>	
<b>MISCELLANEOUS ITEMS</b>	Antifreeze	6.48	
	Carpet	46.70	
	Clothing/textiles	0.39	
	1. Wood includes furniture, cabinets and pallets.	Construction & demolition debris	3,902.86
		Cooking oil	56.05
		Fluorescent bulbs	24.27
	2. Other includes ballasts, books, hangers, mattresses, medical products, radiology film, x-ray film and xylene.	Food scraps	218.95
		Inkjet/toner cartridges	15.76
		Paint (oil or latex)	5.32
		Rechargeable batteries	1.48
		Used oil filters	0.98
	Wood <sup>1</sup>	180.63	
	Other <sup>2</sup>	36.49	
<b>TOTAL MISCELLANEOUS ITEMS</b>		<b>4,496.36</b>	
<b>TOTAL FOR ALL</b>		<b>14,073.97</b>	

## State Agencies Reporting for FY13

- Administrative Law Court
- Arts Commission
- Attorney General
- Budget and Control Board
- Commission for the Blind
- Commission for Minority Affairs
- Commission on Higher Education
- Commission on Indigent Defense
- Commission on Prosecution Coordination
- Comptroller General
- Court Administration
- Criminal Justice Academy
- Department of Agriculture
- Department of Alcohol and Other Drug Abuse Services
- Department of Archives and History
- Department of Commerce
- 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 Health and Human Services
- Department of Insurance
- 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 Social Services
- Department of Transportation
- Education Lottery Commission
- Educational Television Network
- Emergency Management Division
- Ethics Commission
- Forestry Commission
- Governor's Mansion
- Governor's School for the Arts and Humanities
- Governor's School for Science and Mathematics

*Continued on the following page*

## Recycling is a natural fit at South Carolina's State Parks.

S.C. State Parks recycled more than 423 tons of material in FY13 according to the S.C. Department of Parks, Recreation and Tourism (PRT). This is an increase of 605 percent from the previous FY.

This recycling success is in part due to the Recycling at the Parks Partnership. This public-private partnership – formed in 2010 – helped South Carolina become the first state in the nation to offer recycling at each of its 47 state parks and historic sites. The parks have more than 7 million annual visitors.

The partnership – which includes PRT, DHEC, the S.C. Department of Transportation, PalmettoPride and Sonoco Recycling – provided containers, signage and other assistance to make recycling work at the parks.



## State Agencies Reporting for FY13

(continued)

- Higher Education Tuition Grants Commission
- House of Representatives
- Human Affairs Commission
- Jobs-Economic Development Authority
- Legislative Audit Council
- Legislative Council
- Legislative Printing, Information and Technology Systems
- Military Department
- Office of the Governor
- Office of the Lt. Governor
- Office of Regulatory Staff
- Office of the State Auditor
- Office of the State Treasurer
- Patients' Compensation Fund
- Patriots Point Development Authority
- Public Employee Benefit Authority
- Public Service Commission
- Santee Cooper
- School for the Deaf and Blind
- Sea Grant Consortium
- Secretary of State
- Senate
- State Accident Fund
- State Housing Finance and Development Authority
- State Law Enforcement Division
- State Library
- State Museum
- State Ports Authority
- Technical College System
- Vocational Rehabilitation Department
- Wil Lou Gray Opportunity School
- Workers' Compensation Commission

## Colleges/Universities Reporting for FY13

- Aiken Technical College
- Bob Jones University
- Central Carolina Technical College
- Charleston Southern University
- The Citadel
- Claflin University
- Clemson University
- Coastal Carolina University
- Coker College
- College of Charleston
- Converse College
- Denmark Technical College
- Erskine College and Seminary
- Florence-Darlington Technical College
- Francis Marion University
- Furman University
- Greenville Technical College
- Horry-Georgetown Technical College
- Lander University
- Medical University of South Carolina
- Midlands Technical College
- Northeastern Technical College
- Orangeburg-Calhoun Technical College
- Piedmont Technical College
- Presbyterian College
- Spartanburg Community College
- Technical College of the Lowcountry
- Trident Technical College
- University of South Carolina (USC)
- USC – Aiken
- USC – Lancaster
- USC – Sumter
- USC – Upstate
- Williamsburg Technical College
- Winthrop University
- York Technical College

### More Waste Reduction Efforts on Campus

Many college/university campuses have begun programs to encourage the reuse of unwanted material, especially at the end of the semester when students are moving out of campus housing.

These programs give students an opportunity to donate various items including: clothing; food; furniture; appliances; books; hangers; and electronics.

In some cases, the items are held until the start of the next semester when students can use the items again. In other cases, the items are moved more quickly. The University of South Carolina holds a yard sale a few weeks after graduation to sell reusable items donated by students.

In FY13, about **1,730 tons** were reported as being reused. This is a decrease of 18 percent from the 2,043 tons reported as being reused in FY12.

# 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; banned items; miscellaneous items; and commingled recyclables. The latter three commodities are defined in Section 5.

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. The data reported by these sources 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). Previously, commercial and institutional categories have been reported separately. The categories have been combined to simplify and improve the accuracy of the information. See Section 2 for types and examples of material from each of these sources.

Businesses and industries are not required to report their recycling activities. Unfortunately, the voluntary reporting by these two sources is inconsistent and harms the state’s ability to accurately measure its recycling efforts. Residential recycling tonnages have accounted for no more than 40 percent of the state’s total MSW recycled in each of the past five FYs. See Table 8.1. This means that commercial/institutional and industrial (office/packaging) sectors constitute a majority of the reported MSW recycling and is subject to significant fluctuations.

South Carolina’s MSW recycling rate increased to 31.5 percent in fiscal year (FY) 2013 (July 1, 2012 to June 30, 2013) from 29.5 percent in FY12. In South Carolina, only MSW is used to measure the state’s

FY09	FY10	FY11	FY12	FY13
30%	40%	35%	37%	35%

recycling efforts. See the definition in Section 2. Overall, the amount of MSW recycled increased more than 11 percent from 1,229,100 tons in FY12 to 1,371,960 tons in FY13. For MSW recycling since FY09, see Table 8.2 for total MSW and residential only.

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 FY13, three counties – Horry, Kershaw and Oconee – had a recycling rate greater than 40 percent.

*Horry, Kershaw and Oconee counties exceeded the state’s MSW recycling goal of 40 percent.*

Thirty-one counties had disposal of 3.25 p/p/d or less. The counties are Abbeville, Aiken, Allendale, Anderson, Bamberg, Berkeley, Calhoun, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Hampton, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, Marion, Marlboro, McCormick, Oconee, Orangeburg, Pickens, Saluda, Sumter and Williamsburg.

See Table 9.10 on page 97 for a county-by-county comparison of MSW recycling and disposal data.

	TONS	+/- IN TONS FROM PREVIOUS FY	CHANGE FROM PREVIOUS FY
<b>FY09</b>			
All MSW	912,961	-171,965	-16%
Residential Only	269,511	-75,229	-22%
<b>FY10</b>			
All MSW	1,063,521	+150,560	+16%
Residential Only	421,640	+152,129	+56%
<b>FY11</b>			
All MSW	1,172,768	+109,247	+10%
Residential Only	413,652	-7,988	-2%
<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%

# SOUTH CAROLINA

**TABLE 8.3: 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)
4,723,723	642	93	31.5	1.59	1,371,960	3.5	2,985,852

**TABLE 8.4: South Carolina MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers and Packaging – Brown	3,836.26	170.43	554.64	4,561.33
Containers and Packaging – Clear	893.06	2.44	326.61	1,222.11
Containers and Packaging – Green	1,617.12	8.54	2.68	1,628.34
Containers and Packaging – Mixed	1,147.09	0.25	623.9	1,771.24
<b>TOTAL GLASS</b>	<b>7,493.53</b>	<b>181.66</b>	<b>1,507.83</b>	<b>9,183.02</b>
<b>METAL</b>				
Aluminum Cans	756.60	2,779.68	245.55	3,781.83
Ferrous, Magnetic	1,920.41	231,127.49	30,789.56	263,837.46
Non-ferrous, Non-magnetic	13,392.67	20,242.80	21,504.80	55,140.26
Steel Cans	10.25	6,061.55	4,512.62	10,584.42
Mixed Scrap Metal	520.05	6,281.22	478.04	7,279.31
<b>TOTAL METAL</b>	<b>16,599.98</b>	<b>266,492.74</b>	<b>57,530.57</b>	<b>340,623.29</b>
<b>PAPER</b>				
Cardboard	36,101.07	317,963.29	23,656.18	377,720.54
Magazines	798.37	141.82	6.66	946.85
Newspapers and Inserts	21,470.1	23,199.81	17,239.63	61,909.54
Office Paper	11,470.33	2,852.18	18.02	14,340.53
Paperboard	1,016.28	16,683.24	2,050.16	19,749.68
Telephone Books	0.00	8.68	13.80	22.48
Mixed Paper	2.02	89.99	2.69	94.70
<b>TOTAL PAPER</b>	<b>70,858.17</b>	<b>360,939.01</b>	<b>42,987.13</b>	<b>474,784.31</b>
<b>PLASTIC</b>				
HDPE	1,081.8	668.21	435.29	2,185.31
LDPE	0.00	227.44	193.42	420.86
PET	1,190.31	191.62	650.28	2,032.21
PP	0.00	14.88	0.00	14.88
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	2.11	143.34	145.45
Commingled PET & HDPE	1,498.6	212.94	41.69	1,753.23
Mixed Plastic (if not listed above)	541.9	4,618.94	8,101.08	13,261.92
<b>TOTAL PLASTIC</b>	<b>4,312.62</b>	<b>5,936.14</b>	<b>9,565.1</b>	<b>19,813.86</b>
<b>BANNED ITEMS</b>				
Appliances	11,218.01	4,672.35	4,002.01	19,892.36
Electronics	7,784.92	3,410.74	364.26	11,559.92
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	11,815.33	16,446.36	620.47	28,882.17
Tires (car, truck)	38,571.72	8,289.68	2,078.60	48,940.00
Used Motor Oil (automobiles, trucks, motorcycles)	2,900.94	—	—	2,900.94
Yard Trimmings	224,687.57	40,951.00	50.00	265,688.57
<b>TOTAL BANNED ITEMS</b>	<b>296,978.49</b>	<b>73,770.13</b>	<b>7,115.34</b>	<b>377,863.96</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	49.56	256.78	15.41	321.74
Cooking Oil	287.63	4,490.34	1,705.79	6,483.75
Fluorescent Bulbs	701.65	110.67	76.32	888.63
Food Scraps	1,544.07	3,603.73	3,758.46	8,906.26
Hazardous Materials	3,349.35	0.00	0.00	3,349.35
Inkjet and Toner Cartridges	84.10	67.26	17.30	168.65
Mattresses	396.74	1,491.16	2,972.68	4,860.58
Paint	198.57	164.10	0.00	362.67
Rechargeable Batteries	330.36	14.14	231.97	576.46
Textiles	15.25	18.95	11.40	45.60
Used Motor Oil Filters	512.65	447.74	2,874.75	3,835.14
Wood Packaging	193.54	530.36	127.17	851.07
Other Items	215.47	4,503.89	21,772.20	26,491.56
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>7,878.94</b>	<b>15,699.12</b>	<b>33,563.45</b>	<b>57,141.51</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>74,304.71</b>	<b>11,161.67</b>	<b>7,084.03</b>	<b>92,550.41</b>
<b>TOTAL FOR ALL</b>	<b>478,426.43</b>	<b>734,180.47</b>	<b>159,353.45</b>	<b>1,371,960.30</b>



# ABBEVILLE COUNTY

**TABLE 8.5: 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)
25,101	10	1	19.9	0.69	3,163.72	2.8	12,755

**TABLE 8.6: Abbeville 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	0.29	0.00	0.00	0.29
<b>TOTAL GLASS</b>	<b>0.29</b>	<b>0</b>	<b>0</b>	<b>0.29</b>
<b>METAL</b>				
Aluminum Cans	3.42	1.00	0.00	4.42
Ferrous, Magnetic	0.00	0.00	95.00	95.00
Non-Ferrous, Non-magnetic	0.00	0.00	1.60	1.60
Steel Cans	0.00	0.10	0.00	0.10
Mixed Scrap Metal	252.14	0.50	293.99	546.63
<b>TOTAL METAL</b>	<b>255.56</b>	<b>1.60</b>	<b>390.59</b>	<b>647.75</b>
<b>PAPER</b>				
Cardboard	424.87	278.59	307.92	1,011.38
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	3.22	3.91	7.13
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	82.46	2.20	20.72	105.38
<b>TOTAL PAPER</b>	<b>507.33</b>	<b>284.01</b>	<b>332.55</b>	<b>1,123.89</b>
<b>PLASTIC</b>				
HDPE	23.42	0.00	0.00	23.42
LDPE	0.00	0.00	25.25	25.25
PET	26.38	0.00	0.00	26.38
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	140.84	140.84
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	2.00	63.28	65.28
<b>TOTAL PLASTIC</b>	<b>49.80</b>	<b>2.00</b>	<b>229.37</b>	<b>281.17</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	1.38	0.00	1.38
Electronics	102.13	2.64	1.58	106.34
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	61.42	164.80	0.17	226.40
Tires (automobiles, trucks, motorcycles)	275.99	0.00	0.00	275.99
Used Motor Oil (automobiles, trucks, motorcycles)	19.89	—	—	19.89
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>459.43</b>	<b>168.82</b>	<b>1.75</b>	<b>630.00</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.10	1.25	1.35
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.05	0.07	0.12
Textiles (recycled – not donated for reuse)	0.00	3.00	0.00	3.00
Used Motor Oil Filters	1.18	0.39	0.00	1.57
Wood Packaging (pallets, crates, barrels)	0.00	0.00	457.07	457.07
Other Items	0.39	0.00	9.14	9.53
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>1.57</b>	<b>3.54</b>	<b>467.53</b>	<b>472.64</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>3.37</b>	<b>4.60</b>	<b>0.00</b>	<b>7.97</b>
<b>TOTAL FOR ALL</b>	<b>1,277.35</b>	<b>464.58</b>	<b>1,421.79</b>	<b>3,163.72</b>

# AIKEN COUNTY

**TABLE 8.7: 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)
162,812	12	3	19.2	0.72	21,259.65	3.0	89,343

**TABLE 8.8: Aiken County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	0.38	0.38
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	217.94	0.00	0.00	217.94
<b>TOTAL GLASS</b>	<b>217.94</b>	<b>0.00</b>	<b>0.38</b>	<b>218.32</b>
<b>METAL</b>				
Aluminum Cans	25.54	1.00	12.23	38.77
Ferrous, Magnetic	0.00	0.00	200.00	200.00
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	127.60	0.00	481.35	608.95
<b>TOTAL METAL</b>	<b>153.14</b>	<b>1.00</b>	<b>693.58</b>	<b>847.72</b>
<b>PAPER</b>				
Cardboard	1,576.89	7.03	3,414.23	4,998.15
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	1,413.99	0.00	0.00	1,413.99
Office Paper	148.54	0.00	0.66	149.20
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	264.70	0.00	2,323.65	2,588.35
<b>TOTAL PAPER</b>	<b>3,404.12</b>	<b>7.03</b>	<b>5,738.54</b>	<b>9,149.69</b>
<b>PLASTIC</b>				
HDPE	69.98	0.00	3.00	72.98
LDPE	0.00	0.00	0.00	0.00
PET	128.30	0.00	0.00	128.30
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	16.05	1.00	800.10	817.15
<b>TOTAL PLASTIC</b>	<b>214.33</b>	<b>1.00</b>	<b>803.10</b>	<b>1,018.43</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.55	0.55
Electronics	373.08	59.78	79.39	512.25
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	398.30	392.14	24.26	814.70
Tires (automobiles, trucks, motorcycles)	1,293.35	0.00	0.00	1,293.35
Used Motor Oil (automobiles, trucks, motorcycles)	126.31	—	—	126.31
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>2,191.04</b>	<b>451.91</b>	<b>104.20</b>	<b>2,747.15</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	3.88	5.45	9.33
Cooking Oil/Grease	0.00	0.20	0.00	0.20
Fluorescent Bulbs	0.00	4.55	11.48	16.04
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	2.99	0.00	0.00	2.99
Inkjet/Toner Cartridges	0.00	0.50	0.03	0.53
Mattresses	0.00	0.00	0.00	0.00
Paint	6.52	1.25	0.00	7.77
Rechargeable Batteries	0.00	0.73	1.61	2.34
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.21	10.88	0.00	11.09
Wood Packaging (pallets, crates, barrels)	0.07	3.00	162.85	165.92
Other Items	0.00	0.13	103.77	103.91
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>9.79</b>	<b>25.12</b>	<b>285.19</b>	<b>320.10</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>6,946.24</b>	<b>0.00</b>	<b>12.00</b>	<b>6,958.24</b>
<b>TOTAL FOR ALL</b>	<b>13,136.60</b>	<b>486.06</b>	<b>7,636.99</b>	<b>21,259.65</b>

# ALLENDALE COUNTY

**TABLE 8.9: 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)
9,988	5	0	4.8	0.08	149.53	1.6	2,974

**TABLE 8.10: Allendale 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	0.00	0.00	0.00
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	0.00	0.00	0.00
Mixed Scrap Metal	18.28	0.00	0.00	18.28
<b>TOTAL METAL</b>	<b>18.28</b>	<b>0.00</b>	<b>0.00</b>	<b>18.28</b>
<b>PAPER</b>				
Cardboard	2.69	0.00	0.00	2.69
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	8.08	0.00	0.00	8.08
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>10.77</b>	<b>0.00</b>	<b>0.00</b>	<b>10.77</b>
<b>PLASTIC</b>				
HDPE	2.30	0.00	0.00	2.30
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 and HDPE	0.55	0.00	0.00	0.55
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>2.85</b>	<b>0.00</b>	<b>0.00</b>	<b>2.85</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	25.64	0.00	0.00	25.64
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	24.19	24.19	0.00	48.38
Tires (automobiles, trucks, motorcycles)	38.45	0.00	0.00	38.45
Used Motor Oil (automobiles, trucks, motorcycles)	5.16	—	—	5.16
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>93.44</b>	<b>24.19</b>	<b>0.00</b>	<b>117.63</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>125.34</b>	<b>24.19</b>	<b>0.00</b>	<b>149.53</b>

# ANDERSON COUNTY

**TABLE 8.11: 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)
189,355	20	2	29.2	1.01	34,794.04	2.4	84,306

**TABLE 8.12: Anderson County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	111.58	0.00	0.00	111.58
Containers & Packaging - Clear	111.58	0.00	0.00	111.58
Containers & Packaging - Green	111.60	0.00	623.90	735.50
Containers & Packaging - Mixed	0.00	0.00	0.25	0.25
<b>TOTAL GLASS</b>	<b>334.76</b>	<b>0.00</b>	<b>624.15</b>	<b>958.91</b>
<b>METAL</b>				
Aluminum Cans	31.54	0.76	2.48	34.78
Ferrous, Magnetic	0.00	12,616.60	96.80	12,713.40
Non-Ferrous, Non-magnetic	0.00	1,219.00	0.00	1,219.00
Steel Cans	0.00	0.00	1.94	1.94
Mixed Scrap Metal	894.24	135.00	568.10	1,597.34
<b>TOTAL METAL</b>	<b>925.78</b>	<b>13,971.36</b>	<b>669.33</b>	<b>15,566.47</b>
<b>PAPER</b>				
Cardboard	524.60	3,392.21	1,409.35	5,326.16
Magazines	0.00	0.37	0.00	0.37
Newspaper and Inserts	0.00	1.33	0.25	1.58
Office Paper	0.00	26.41	43.78	70.19
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.55	0.55
Mixed Paper	1,052.46	1,223.25	189.81	2,465.52
<b>TOTAL PAPER</b>	<b>1,577.06</b>	<b>4,643.57</b>	<b>1,643.74</b>	<b>7,864.36</b>
<b>PLASTIC</b>				
HDPE	0.00	10.01	2.90	12.91
LDPE	0.00	0.00	38.39	38.39
PET	0.00	0.00	12.80	12.80
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	2.50	2.50
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	32.80	23.75	23.80	80.35
<b>TOTAL PLASTIC</b>	<b>32.80</b>	<b>33.76</b>	<b>80.39</b>	<b>146.95</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	292.22	28.29	0.00	320.50
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	458.80	1,250.80	0.10	1,709.70
Tires (automobiles, trucks, motorcycles)	1,259.25	2,132.00	0.00	3,391.25
Used Motor Oil (automobiles, trucks, motorcycles)	124.25	—	—	124.25
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>2,134.52</b>	<b>3,411.09</b>	<b>0.10</b>	<b>5,545.70</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.22	0.00	0.22
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.02	9.89	9.90
Food Scraps	0.00	1,047.23	13.50	1,060.73
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	1.00	0.12	0.10	1.22
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.40	86.50	86.90
Rechargeable Batteries	0.00	0.10	0.00	0.10
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.00	0.00	0.00	1.00
Wood Packaging (pallets, crates, barrels)	0.00	6.90	895.19	902.09
Other Items	0.00	0.66	0.00	0.66
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>2.00</b>	<b>1,055.65</b>	<b>1,005.18</b>	<b>2,063.82</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,406.57</b>	<b>990.50</b>	<b>251.75</b>	<b>2,648.82</b>
<b>TOTAL FOR ALL</b>	<b>6,413.49</b>	<b>24,105.92</b>	<b>4,274.63</b>	<b>34,794.04</b>

# BAMBERG COUNTY

**TABLE 8.13: 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)
15,763	8	0	11.6	0.38	1,105.68	2.9	8,413

**TABLE 8.14: Bamberg 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	0.00	0.00	0.00
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	0.00	0.00	0.00
Mixed Scrap Metal	30.27	0.00	0.00	30.27
<b>TOTAL METAL</b>	<b>30.27</b>	<b>0.00</b>	<b>0.00</b>	<b>30.27</b>
<b>PAPER</b>				
Cardboard	79.15	0.00	0.00	79.15
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>79.15</b>	<b>0.00</b>	<b>0.00</b>	<b>79.15</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.72	0.00	0.00	1.72
<b>TOTAL PLASTIC</b>	<b>1.72</b>	<b>0.00</b>	<b>0.00</b>	<b>1.72</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	28.55	2.79	0.00	31.34
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	38.18	38.18	0.00	76.36
Tires (automobiles, trucks, motorcycles)	182.34	0.00	0.00	182.34
Used Motor Oil (automobiles, trucks, motorcycles)	13.00	—	—	13.00
Yard Trimmings	691.50	0.00	0.00	691.50
<b>TOTAL BANNED ITEMS</b>	<b>953.57</b>	<b>40.97</b>	<b>0.00</b>	<b>994.54</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>1,064.71</b>	<b>40.97</b>	<b>0.00</b>	<b>1,105.68</b>



# BARNWELL COUNTY

**TABLE 8.15: 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)
22,212	9	0	7	0.25	1,033.14	3.4	13,633

**TABLE 8.16: 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	19.84	0.00	0.00	19.84
<b>TOTAL GLASS</b>	<b>19.84</b>	<b>0.00</b>	<b>0.00</b>	<b>19.84</b>
<b>METAL</b>				
Aluminum Cans	0.73	0.00	0.00	0.73
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	0.00	0.00	0.00
Mixed Scrap Metal	112.00	0.00	0.00	112.00
<b>TOTAL METAL</b>	<b>112.73</b>	<b>0.00</b>	<b>0.00</b>	<b>112.73</b>
<b>PAPER</b>				
Cardboard	192.00	0.00	0.00	192.00
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	64.00	0.00	0.00	64.00
<b>TOTAL PAPER</b>	<b>256.00</b>	<b>0.00</b>	<b>0.00</b>	<b>256.00</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	16.14	0.00	0.00	16.14
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>16.14</b>	<b>0.00</b>	<b>0.00</b>	<b>16.14</b>
<b>BANNED ITEMS</b>				
Appliances	0.80	0.00	0.00	0.80
Electronics	27.18	0.00	0.00	27.18
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	53.88	53.72	0.00	107.60
Tires (automobiles, trucks, motorcycles)	470.78	0.00	0.00	470.78
Used Motor Oil (automobiles, trucks, motorcycles)	20.84	—	—	20.84
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>573.48</b>	<b>53.72</b>	<b>0.00</b>	<b>627.20</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.44	0.00	0.00	0.44
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.79	0.00	0.00	0.79
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>1.23</b>	<b>0.00</b>	<b>0.00</b>	<b>1.23</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>979.42</b>	<b>53.72</b>	<b>0.00</b>	<b>1,033.14</b>

# BEAUFORT COUNTY

**TABLE 8.17: 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)
168,049	11	3	31.1	1.84	56,520.43	4.1	125,232

**TABLE 8.18: Beaufort County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	184.97	0.50	0.00	185.47
Containers & Packaging - Clear	462.42	0.50	0.00	462.92
Containers & Packaging - Green	277.45	0.00	0.00	277.45
Containers & Packaging - Mixed	38.72	3.08	0.00	41.80
<b>TOTAL GLASS</b>	<b>963.56</b>	<b>4.08</b>	<b>0.00</b>	<b>967.64</b>
<b>METAL</b>				
Aluminum Cans	128.28	134.12	0.00	262.40
Ferrous, Magnetic	0.00	3,016.00	0.00	3,016.00
Non-Ferrous, Non-magnetic	0.00	258.20	0.00	258.20
Steel Cans	14.26	96.10	0.00	110.36
Mixed Scrap Metal	0.00	6,050.67	0.00	6,050.67
<b>TOTAL METAL</b>	<b>142.54</b>	<b>9,555.09</b>	<b>0.00</b>	<b>9,697.63</b>
<b>PAPER</b>				
Cardboard	1,422.41	13,538.64	0.00	14,961.05
Magazines	0.00	1.00	0.00	1.00
Newspaper and Inserts	763.87	760.54	0.00	1,524.41
Office Paper	0.00	690.15	0.00	690.15
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	1.01	0.00	1.01
Mixed Paper	763.11	417.65	0.00	1,180.76
<b>TOTAL PAPER</b>	<b>2,949.39</b>	<b>15,408.99</b>	<b>0.00</b>	<b>18,358.38</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	320.90	0.00	0.00	320.90
Mixed Plastic	0.45	336.60	0.00	337.05
<b>TOTAL PLASTIC</b>	<b>321.35</b>	<b>336.60</b>	<b>0.00</b>	<b>657.95</b>
<b>BANNED ITEMS</b>				
Appliances	879.00	2.30	0.00	881.30
Electronics	78.34	207.71	0.00	286.05
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	407.20	454.87	0.00	862.07
Tires (automobiles, trucks, motorcycles)	839.15	298.38	0.00	1,137.53
Used Motor Oil (automobiles, trucks, motorcycles)	99.54	—	—	99.54
Yard Trimmings	4,988.34	11,750.78	0.00	16,739.12
<b>TOTAL BANNED ITEMS</b>	<b>7,291.57</b>	<b>12,714.04</b>	<b>0.00</b>	<b>20,005.62</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	10.98	0.00	10.98
Cooking Oil/Grease	0.00	1,430.44	0.00	1,430.44
Fluorescent Bulbs	0.90	8.41	0.00	9.31
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	1.90	0.00	1.90
Mattresses	0.00	164.10	0.00	164.10
Paint	53.00	0.00	0.00	53.00
Rechargeable Batteries	0.00	2.27	0.00	2.27
Textiles (recycled – not donated for reuse)	0.00	235.70	0.00	235.70
Used Motor Oil Filters	3.27	7.80	0.00	11.07
Wood Packaging (pallets, crates, barrels)	0.00	417.99	0.00	417.99
Other Items	0.00	55.45	0.00	55.45
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>57.17</b>	<b>2,335.04</b>	<b>0.00</b>	<b>2,392.21</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>4,347.92</b>	<b>93.09</b>	<b>0.00</b>	<b>4,441.01</b>
<b>TOTAL FOR ALL</b>	<b>16,073.50</b>	<b>40,446.93</b>	<b>0.00</b>	<b>56,520.43</b>

# BERKELEY COUNTY

**TABLE 8.19: 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)
189,781	22	6	37.8	1.46	50,491.57	2.4	82,935

**TABLE 8.20: 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	0.00	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	2.00	0.00	2.00
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>2.00</b>	<b>0.00</b>	<b>2.00</b>
<b>METAL</b>				
Aluminum Cans	0.00	230.44	40.87	271.31
Ferrous, Magnetic	0.00	20,001.00	2,874.80	22,875.80
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	24.43	24.43
Mixed Scrap Metal	0.00	772.55	166.44	938.99
<b>TOTAL METAL</b>	<b>0.00</b>	<b>21,003.99</b>	<b>3,106.54</b>	<b>24,110.53</b>
<b>PAPER</b>				
Cardboard	429.74	4,403.80	314.47	5,148.01
Magazines	0.00	0.25	0.52	0.77
Newspaper and Inserts	0.00	0.50	0.01	0.51
Office Paper	0.00	8.44	16.54	24.98
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.20	0.01	0.21
Mixed Paper	379.44	19.24	0.00	398.68
<b>TOTAL PAPER</b>	<b>809.18</b>	<b>4,432.43</b>	<b>331.55</b>	<b>5,573.16</b>
<b>PLASTIC</b>				
HDPE	0.00	2.62	11.63	14.25
LDPE	0.00	6.24	20.09	26.33
PET	0.00	0.60	2.03	2.63
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	119.69	70.00	189.69
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>129.15</b>	<b>103.75</b>	<b>232.90</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	1,800.00	1.20	1,801.20
Electronics	346.41	9.42	20.99	376.82
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	459.74	651.93	20.68	1,132.35
Tires (automobiles, trucks, motorcycles)	730.72	183.89	3.35	917.96
Used Motor Oil (automobiles, trucks, motorcycles)	122.60	—	—	122.60
Yard Trimmings	10,403.80	3,252.00	0.00	13,655.80
<b>TOTAL BANNED ITEMS</b>	<b>12,063.27</b>	<b>5,897.24</b>	<b>46.21</b>	<b>18,006.72</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	6.26	0.55	6.81
Cooking Oil/Grease	0.00	34.80	4.00	38.80
Fluorescent Bulbs	0.00	2.20	5.08	7.28
Food Scraps	0.00	408.76	0.00	408.76
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.10	0.70	0.80
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.30	0.30
Rechargeable Batteries	0.00	0.21	2.23	2.44
Textiles (recycled – not donated for reuse)	0.00	0.00	1.00	1.00
Used Motor Oil Filters	0.00	53.45	3.83	57.28
Wood Packaging (pallets, crates, barrels)	0.00	27.09	580.46	607.55
Other Items	0.00	68.39	2.75	71.14
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>601.26</b>	<b>600.88</b>	<b>1,202.14</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,204.31</b>	<b>24.02</b>	<b>135.79</b>	<b>1,364.12</b>
<b>TOTAL FOR ALL</b>	<b>14,076.76</b>	<b>32,090.09</b>	<b>4,324.72</b>	<b>50,491.57</b>

# CALHOUN COUNTY

**TABLE 8.21: 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)
14,910	10	0	12.2	0.44	1,205.12	3.2	8,656

**TABLE 8.22: 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	0.50	0.00	0.00	0.50
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	0.00	0.00	0.00
Mixed Scrap Metal	34.42	0.00	360.10	394.52
<b>TOTAL METAL</b>	<b>34.92</b>	<b>0.00</b>	<b>360.10</b>	<b>395.02</b>
<b>PAPER</b>				
Cardboard	81.58	79.00	134.79	295.37
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	9.96	9.96
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>81.58</b>	<b>79.00</b>	<b>144.75</b>	<b>305.33</b>
<b>PLASTIC</b>				
HDPE	3.50	0.00	23.29	26.79
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	6.28	6.28
<b>TOTAL PLASTIC</b>	<b>3.50</b>	<b>0.00</b>	<b>29.57</b>	<b>33.07</b>
<b>BANNED ITEMS</b>				
Appliances	20.00	0.00	0.00	20.00
Electronics	20.40	3.37	2.28	26.05
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	36.75	35.45	1.49	73.69
Tires (automobiles, trucks, motorcycles)	148.93	0.00	2.77	151.70
Used Motor Oil (automobiles, trucks, motorcycles)	16.65	—	—	16.65
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>242.73</b>	<b>38.82</b>	<b>6.54</b>	<b>288.09</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	1.65	1.65
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.33	0.33
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.80	0.00	0.00	0.80
Wood Packaging (pallets, crates, barrels)	0.00	0.00	23.13	23.13
Other Items	0.00	0.00	15.60	15.60
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.80</b>	<b>0.00</b>	<b>40.71</b>	<b>41.51</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>142.10</b>	<b>142.10</b>
<b>TOTAL FOR ALL</b>	<b>363.53</b>	<b>117.82</b>	<b>723.77</b>	<b>1,205.12</b>

# CHARLESTON COUNTY

**TABLE 8.23: 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)
365,162	51	2	34.6	2.35	156,910.72	4.5	297,121

**TABLE 8.24: Charleston 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	10.73	0.95	13.25	24.93
<b>TOTAL GLASS</b>	<b>10.73</b>	<b>0.95</b>	<b>13.25</b>	<b>24.93</b>
<b>METAL</b>				
Aluminum Cans	0.00	704.53	39.75	744.29
Ferrous, Magnetic	0.00	48,909.00	1,533.71	50,442.71
Non-Ferrous, Non-magnetic	0.00	55.00	4.00	59.00
Steel Cans	0.00	0.00	43.89	43.89
Mixed Scrap Metal	0.00	1,119.76	907.10	2,026.86
<b>TOTAL METAL</b>	<b>0.00</b>	<b>50,788.29</b>	<b>2,528.45</b>	<b>53,316.75</b>
<b>PAPER</b>				
Cardboard	7,124.56	2,568.47	292.64	9,985.67
Magazines	0.00	3.89	0.00	3.89
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	745.96	362.97	1,108.93
Paperboard	0.00	0.95	13.25	14.20
Phone Books	0.00	1.30	0.00	1.30
Mixed Paper	5,756.43	437.63	5.28	6,199.33
<b>TOTAL PAPER</b>	<b>12,880.99</b>	<b>3,758.19</b>	<b>674.13</b>	<b>17,313.32</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	9.38	9.38
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 and HDPE	0.00	5.00	0.00	5.00
Mixed Plastic	0.00	74.95	188.05	263.00
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>79.95</b>	<b>197.43</b>	<b>277.38</b>
<b>BANNED ITEMS</b>				
Appliances	508.19	1,677.00	0.00	2,185.19
Electronics	372.20	98.59	1.48	472.27
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	894.50	1,183.02	7.26	2,084.78
Tires (automobiles, trucks, motorcycles)	3,137.02	256.52	0.10	3,393.64
Used Motor Oil (automobiles, trucks, motorcycles)	176.80	—	—	176.80
Yard Trimmings	52,807.19	919.92	0.00	53,727.11
<b>TOTAL BANNED ITEMS</b>	<b>57,895.90</b>	<b>4,135.04</b>	<b>8.84</b>	<b>62,039.78</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	2.40	47.04	0.82	50.26
Cooking Oil/Grease	0.00	70.74	0.00	70.74
Fluorescent Bulbs	5.90	17.36	1.28	24.54
Food Scraps	1,544.07	199.38	97.96	1,841.41
Household Hazardous Materials	53.90	0.00	0.00	53.90
Inkjet/Toner Cartridges	0.00	14.69	2.03	16.72
Mattresses	0.00	0.00	0.00	0.00
Paint	120.90	2.58	26.71	150.19
Rechargeable Batteries	1.50	5.57	0.22	7.29
Textiles (recycled – not donated for reuse)	0.00	0.25	0.00	0.25
Used Motor Oil Filters	6.60	105.98	0.00	112.58
Wood Packaging (pallets, crates, barrels)	0.00	159.91	994.25	1,154.16
Other Items	0.00	11.61	60.00	71.61
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>1,735.27</b>	<b>635.11</b>	<b>1,183.27</b>	<b>3,553.65</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>20,143.62</b>	<b>241.31</b>	<b>0.00</b>	<b>20,384.93</b>
<b>TOTAL FOR ALL</b>	<b>92,666.51</b>	<b>59,638.84</b>	<b>4,605.37</b>	<b>156,910.72</b>



# CHEROKEE COUNTY

**TABLE 8.25: 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)
55,662	9	7	11.3	0.64	6,502.90	5.0	50,975

**TABLE 8.26: Cherokee County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	6.20	0.00	0.15	6.35
Containers & Packaging - Clear	9.20	0.00	0.15	9.35
Containers & Packaging - Green	4.60	0.00	0.00	4.60
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>20.00</b>	<b>0.00</b>	<b>0.30</b>	<b>20.30</b>
<b>METAL</b>				
Aluminum Cans	1.60	0.07	3.00	4.67
Ferrous, Magnetic	0.00	0.00	1.64	1.64
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	6.40	0.00	0.51	6.91
Mixed Scrap Metal	48.00	0.00	228.51	276.51
<b>TOTAL METAL</b>	<b>56.00</b>	<b>0.07</b>	<b>233.65</b>	<b>289.73</b>
<b>PAPER</b>				
Cardboard	86.20	2,433.76	506.44	3,026.40
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.07	13.56	13.63
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	169.00	11.22	28.49	208.71
<b>TOTAL PAPER</b>	<b>255.20</b>	<b>2,445.05</b>	<b>548.48</b>	<b>3,248.73</b>
<b>PLASTIC</b>				
HDPE	0.00	0.21	0.00	0.21
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.06	0.00	0.06
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 and HDPE	22.80	0.00	0.00	22.80
Mixed Plastic	0.00	13.62	186.90	200.52
<b>TOTAL PLASTIC</b>	<b>22.80</b>	<b>13.90</b>	<b>186.90</b>	<b>223.59</b>
<b>BANNED ITEMS</b>				
Appliances	48.00	0.00	0.00	48.00
Electronics	29.20	0.00	0.26	29.46
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	135.74	133.94	12.91	282.59
Tires (automobiles, trucks, motorcycles)	785.10	0.00	0.00	785.10
Used Motor Oil (automobiles, trucks, motorcycles)	23.76	—	—	23.76
Yard Trimmings	795.84	0.00	0.00	795.84
<b>TOTAL BANNED ITEMS</b>	<b>1,817.64</b>	<b>133.94</b>	<b>13.17</b>	<b>1,964.75</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.85	0.85
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	4.61	4.61
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.09	0.09
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.47	0.47
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.50	0.00	0.14	1.64
Wood Packaging (pallets, crates, barrels)	1.60	32.30	706.60	740.50
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>3.10</b>	<b>32.30</b>	<b>712.75</b>	<b>748.15</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>7.65</b>	<b>7.65</b>
<b>TOTAL FOR ALL</b>	<b>2,174.74</b>	<b>2,625.26</b>	<b>1,702.90</b>	<b>6,502.90</b>

# CHESTER COUNTY

**TABLE 8.27: 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)
32,546	12	1	7.3	0.21	1,258.58	2.7	15,871

**TABLE 8.28: Chester 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	61.71	0.00	0.00	61.71
<b>TOTAL GLASS</b>	<b>61.71</b>	<b>0.00</b>	<b>0.00</b>	<b>61.71</b>
<b>METAL</b>				
Aluminum Cans	4.81	0.00	0.07	4.88
Ferrous, Magnetic	0.00	0.00	50.09	50.09
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	2.66	0.00	18.69	21.35
Mixed Scrap Metal	84.80	0.00	0.04	84.84
<b>TOTAL METAL</b>	<b>92.27</b>	<b>0.00</b>	<b>68.89</b>	<b>161.16</b>
<b>PAPER</b>				
Cardboard	254.09	0.00	0.75	254.84
Magazines	0.00	0.00	0.08	0.08
Newspaper and Inserts	176.07	0.00	0.20	176.27
Office Paper	2.50	0.00	0.63	3.13
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.08	0.08
Mixed Paper	0.00	0.00	0.10	0.10
<b>TOTAL PAPER</b>	<b>432.66</b>	<b>0.00</b>	<b>1.84</b>	<b>434.50</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	64.11	0.00	29.04	93.15
<b>TOTAL PLASTIC</b>	<b>64.11</b>	<b>0.00</b>	<b>29.04</b>	<b>93.15</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.05	0.05
Electronics	21.60	23.65	0.13	45.38
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	79.16	78.52	0.16	157.84
Tires (automobiles, trucks, motorcycles)	227.64	0.00	0.23	227.87
Used Motor Oil (automobiles, trucks, motorcycles)	23.18	—	—	23.18
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>351.58</b>	<b>102.17</b>	<b>0.57</b>	<b>454.31</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.25	0.25
Cooking Oil/Grease	1.27	0.00	0.00	1.27
Fluorescent Bulbs	0.00	0.00	0.09	0.09
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.05	0.05
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.02	0.02
Rechargeable Batteries	0.03	0.00	0.02	0.04
Textiles (recycled – not donated for reuse)	25.20	0.00	0.00	25.20
Used Motor Oil Filters	0.49	0.00	0.07	0.56
Wood Packaging (pallets, crates, barrels)	0.00	0.00	26.18	26.18
Other Items	0.00	0.00	0.09	0.09
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>26.98</b>	<b>0.00</b>	<b>26.77</b>	<b>53.75</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>1,029.31</b>	<b>102.17</b>	<b>127.10</b>	<b>1,258.58</b>

# CHESTERFIELD COUNTY

**TABLE 8.29: 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)
46,103	7	1	26.8	0.56	4,672.63	1.5	12,783

**TABLE 8.30: 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	0.01	1.50	1.51
Ferrous, Magnetic	0.00	0.00	62.88	62.88
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	86.94	0.00	0.00	86.94
<b>TOTAL METAL</b>	<b>86.94</b>	<b>0.01</b>	<b>64.38</b>	<b>151.33</b>
<b>PAPER</b>				
Cardboard	0.00	1.03	544.62	545.65
Magazines	0.00	0.92	0.00	0.92
Newspaper and Inserts	0.00	1.30	0.00	1.30
Office Paper	0.00	4.08	0.00	4.08
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>7.33</b>	<b>544.62</b>	<b>551.95</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	3.10	3.10
LDPE	0.00	0.00	58.80	58.80
PET	0.00	0.00	0.69	0.69
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.10	1.77	1.87
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>0.10</b>	<b>64.36</b>	<b>64.46</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	69.08	41.44	0.00	110.51
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	112.43	110.93	0.15	223.51
Tires (automobiles, trucks, motorcycles)	436.54	0.00	0.00	436.54
Used Motor Oil (automobiles, trucks, motorcycles)	27.79	—	—	27.79
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>645.83</b>	<b>152.37</b>	<b>0.15</b>	<b>798.35</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.45	0.34	0.79
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	2,824.75	2,824.75
Used Motor Oil Filters	0.75	0.00	0.00	0.75
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.75</b>	<b>0.45</b>	<b>2,825.09</b>	<b>2,826.29</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>280.26</b>	<b>0.00</b>	<b>0.00</b>	<b>280.26</b>
<b>TOTAL FOR ALL</b>	<b>1,013.78</b>	<b>160.25</b>	<b>3,498.60</b>	<b>4,672.63</b>

# CLARENDON COUNTY

**TABLE 8.31: 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)
34,357	12	0	6	0.14	859.27	2.1	13,402

**TABLE 8.32: 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	64.41	0.00	0.00	64.41
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>64.41</b>	<b>0.00</b>	<b>0.00</b>	<b>64.41</b>
<b>METAL</b>				
Aluminum Cans	3.33	0.00	0.00	3.33
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	5.35	0.00	0.00	5.35
Mixed Scrap Metal	142.30	0.00	0.00	142.30
<b>TOTAL METAL</b>	<b>150.98</b>	<b>0.00</b>	<b>0.00</b>	<b>150.98</b>
<b>PAPER</b>				
Cardboard	109.66	0.00	0.00	109.66
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	91.73	0.00	0.00	91.73
<b>TOTAL PAPER</b>	<b>201.39</b>	<b>0.00</b>	<b>0.00</b>	<b>201.39</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	42.79	0.00	0.00	42.79
<b>TOTAL PLASTIC</b>	<b>42.79</b>	<b>0.00</b>	<b>0.00</b>	<b>42.79</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	62.64	6.10	0.00	68.73
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	84.01	82.44	0.00	166.45
Tires (automobiles, trucks, motorcycles)	132.28	0.00	0.00	132.28
Used Motor Oil (automobiles, trucks, motorcycles)	27.70	—	—	27.70
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>306.63</b>	<b>88.54</b>	<b>0.00</b>	<b>395.17</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	4.53	0.00	0.00	4.53
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>4.53</b>	<b>0.00</b>	<b>0.00</b>	<b>4.53</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>770.73</b>	<b>88.54</b>	<b>0.00</b>	<b>859.27</b>

# COLLETON COUNTY

**TABLE 8.33: 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)
38,153	15	1	15.6	0.46	3,176.87	2.5	17,209

**TABLE 8.34: Colleton 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	18.64	330.30	0.00	348.94
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	408.00	0.00	408.00
Mixed Scrap Metal	466.06	690.30	0.00	1,156.36
<b>TOTAL METAL</b>	<b>484.70</b>	<b>1,428.60</b>	<b>0.00</b>	<b>1,913.30</b>
<b>PAPER</b>				
Cardboard	0.00	285.40	0.00	285.40
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>285.40</b>	<b>0.00</b>	<b>285.40</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	39.33	40.68	0.00	80.01
<b>TOTAL PLASTIC</b>	<b>39.33</b>	<b>40.68</b>	<b>0.00</b>	<b>80.01</b>
<b>BANNED ITEMS</b>				
Appliances	7.30	0.00	0.00	7.30
Electronics	103.18	0.00	0.00	103.18
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	98.28	108.16	0.00	206.44
Tires (automobiles, trucks, motorcycles)	486.19	19.30	0.00	505.49
Used Motor Oil (automobiles, trucks, motorcycles)	32.05	—	—	32.05
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>727.00</b>	<b>127.46</b>	<b>0.00</b>	<b>854.46</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	23.11	0.00	23.11
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	14.36	0.00	0.00	14.36
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	4.28	1.95	0.00	6.23
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>18.64</b>	<b>25.06</b>	<b>0.00</b>	<b>43.70</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>1,269.67</b>	<b>1,907.20</b>	<b>0.00</b>	<b>3,176.87</b>



# DARLINGTON COUNTY

**TABLE 8.35: 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)
68,139	15	3	21.5	0.68	8,483.27	2.5	31,058

**TABLE 8.36: 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	124.72	0.00	0.00	124.72
<b>TOTAL GLASS</b>	<b>124.72</b>	<b>0.00</b>	<b>0.00</b>	<b>124.72</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.00	3.50	3.50
Ferrous, Magnetic	0.00	0.00	185.00	185.00
Non-Ferrous, Non-magnetic	0.00	0.00	388.00	388.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	164.08	0.00	51.00	215.08
<b>TOTAL METAL</b>	<b>164.08</b>	<b>0.00</b>	<b>627.50</b>	<b>791.58</b>
<b>PAPER</b>				
Cardboard	225.85	0.00	518.50	744.35
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	18.02	0.00	0.00	18.02
Office Paper	0.00	0.00	4.00	4.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	3.23	0.00	4,251.30	4,254.53
<b>TOTAL PAPER</b>	<b>247.10</b>	<b>0.00</b>	<b>4,773.80</b>	<b>5,020.90</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	3.00	3.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	51.00	51.00
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>0.00</b>	<b>54.00</b>	<b>54.00</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	168.83	19.39	0.00	188.22
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	165.06	165.06	2.00	332.12
Tires (automobiles, trucks, motorcycles)	692.48	0.00	10.00	702.48
Used Motor Oil (automobiles, trucks, motorcycles)	25.87	—	—	25.87
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>1,052.24</b>	<b>184.45</b>	<b>12.00</b>	<b>1,248.69</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.50	0.00	0.00	0.50
Cooking Oil/Grease	3.43	0.00	1.00	4.43
Fluorescent Bulbs	0.00	0.00	0.60	0.60
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.25	0.25
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	2.50	0.00	2.00	4.50
Wood Packaging (pallets, crates, barrels)	0.00	0.00	84.00	84.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>6.43</b>	<b>0.00</b>	<b>87.85</b>	<b>94.28</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,050.50</b>	<b>2.60</b>	<b>96.00</b>	<b>1,149.10</b>
<b>TOTAL FOR ALL</b>	<b>2,645.07</b>	<b>187.05</b>	<b>5,651.15</b>	<b>8,483.27</b>

# DILLON COUNTY

**TABLE 8.37: 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)
31,446	15	1	8.9	0.32	1,810.03	3.2	18,490

**TABLE 8.38: Dillon 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	4.67	0.00	0.00	4.67
<b>TOTAL GLASS</b>	<b>4.67</b>	<b>0.00</b>	<b>0.00</b>	<b>4.67</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.00	0.00	0.00
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	0.00	0.00	0.00
Mixed Scrap Metal	78.14	0.00	0.40	78.54
<b>TOTAL METAL</b>	<b>78.14</b>	<b>0.00</b>	<b>0.40</b>	<b>78.54</b>
<b>PAPER</b>				
Cardboard	19.47	0.00	279.47	298.94
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	31.32	0.00	0.00	31.32
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.50	0.50
<b>TOTAL PAPER</b>	<b>50.79</b>	<b>0.00</b>	<b>279.97</b>	<b>330.76</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	86.91	0.56	0.00	87.47
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	76.17	76.17	0.00	152.34
Tires (automobiles, trucks, motorcycles)	149.23	208.16	0.00	357.39
Used Motor Oil (automobiles, trucks, motorcycles)	16.40	—	—	16.40
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>328.71</b>	<b>284.89</b>	<b>0.00</b>	<b>613.60</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.25	0.25
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	702.00	702.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>702.25</b>	<b>702.25</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>80.21</b>	<b>0.00</b>	<b>0.00</b>	<b>80.21</b>
<b>TOTAL FOR ALL</b>	<b>542.52</b>	<b>284.89</b>	<b>982.62</b>	<b>1,810.03</b>

# DORCHESTER COUNTY

**TABLE 8.39: 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)
142,496	12	2	37.1	1.15	29,896.20	2.0	50,751

**TABLE 8.40: Dorchester 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	5.61	2.01	7.61
Ferrous, Magnetic	0.00	7,354.00	553.00	7,907.00
Non-Ferrous, Non-magnetic	0.00	21.00	2.00	23.00
Steel Cans	0.00	0.00	15.50	15.50
Mixed Scrap Metal	5.00	0.00	2.00	7.00
<b>TOTAL METAL</b>	<b>5.00</b>	<b>7,380.61</b>	<b>574.51</b>	<b>7,960.11</b>
<b>PAPER</b>				
Cardboard	387.50	39.24	107.60	534.34
Magazines	0.00	0.00	0.50	0.50
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	2.60	62.40	37.00	102.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	822.97	0.00	0.00	822.97
<b>TOTAL PAPER</b>	<b>1,213.07</b>	<b>101.64</b>	<b>145.10</b>	<b>1,459.81</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.24	11.21	129.70	142.15
<b>TOTAL PLASTIC</b>	<b>1.24</b>	<b>11.21</b>	<b>129.70</b>	<b>142.15</b>
<b>BANNED ITEMS</b>				
Appliances	435.55	0.00	0.00	435.55
Electronics	122.42	122.42	52.00	296.84
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	345.20	345.19	0.00	690.39
Tires (automobiles, trucks, motorcycles)	729.27	0.00	0.00	729.27
Used Motor Oil (automobiles, trucks, motorcycles)	102.56	—	—	102.56
Yard Trimmings	16,381.18	0.00	0.00	16,381.18
<b>TOTAL BANNED ITEMS</b>	<b>18,116.19</b>	<b>467.61</b>	<b>52.00</b>	<b>18,635.80</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	9.00	0.00	0.00	9.00
Cooking Oil/Grease	0.97	0.00	0.00	0.97
Fluorescent Bulbs	0.01	0.00	0.62	0.63
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.02	0.00	0.30	0.32
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	22.00	0.00	0.00	22.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	321.00	321.00
Other Items	0.00	0.00	0.25	0.25
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>32.01</b>	<b>0.00</b>	<b>322.17</b>	<b>354.18</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>944.15</b>	<b>0.00</b>	<b>400.00</b>	<b>1,344.15</b>
<b>TOTAL FOR ALL</b>	<b>20,311.65</b>	<b>7,961.07</b>	<b>1,623.48</b>	<b>29,896.20</b>

# EDGEFIELD COUNTY

**TABLE 8.41: 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)
26,347	8	2	7.2	0.20	958.19	2.6	12,378

**TABLE 8.42: 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	0.00	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	3.83	0.00	0.00	3.83
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	0.00	0.00	0.00
Mixed Scrap Metal	134.54	0.00	0.00	134.54
<b>TOTAL METAL</b>	<b>138.37</b>	<b>0.00</b>	<b>0.00</b>	<b>138.37</b>
<b>PAPER</b>				
Cardboard	116.81	0.00	0.00	116.81
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	125.29	0.00	0.00	125.29
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	36.24	0.00	0.00	36.24
<b>TOTAL PAPER</b>	<b>278.34</b>	<b>0.00</b>	<b>0.00</b>	<b>278.34</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	23.79	0.00	0.00	23.79
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>23.79</b>	<b>0.00</b>	<b>0.00</b>	<b>23.79</b>
<b>BANNED ITEMS</b>				
Appliances	33.36	0.00	0.00	33.36
Electronics	67.09	5.97	0.00	73.06
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	64.41	63.24	0.00	127.65
Tires (automobiles, trucks, motorcycles)	196.85	0.00	0.00	196.85
Used Motor Oil (automobiles, trucks, motorcycles)	37.92	—	—	37.92
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>399.63</b>	<b>69.21</b>	<b>0.00</b>	<b>468.84</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>48.85</b>	<b>0.00</b>	<b>0.00</b>	<b>48.85</b>
<b>TOTAL FOR ALL</b>	<b>888.98</b>	<b>69.21</b>	<b>0.00</b>	<b>958.19</b>

# FAIRFIELD COUNTY

**TABLE 8.43: 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)
23,363	11	0	12.2	0.61	2,579.74	4.3	18,524

**TABLE 8.44: Fairfield 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	2.30	0.00	0.00	2.30
Containers & Packaging - Mixed	48.83	0.00	0.00	48.83
<b>TOTAL GLASS</b>	<b>51.13</b>	<b>0.00</b>	<b>0.00</b>	<b>51.13</b>
<b>METAL</b>				
Aluminum Cans	1.63	0.00	0.90	2.53
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	0.00	0.00	0.00
Mixed Scrap Metal	213.76	0.00	16.00	229.76
<b>TOTAL METAL</b>	<b>215.39</b>	<b>0.00</b>	<b>16.90</b>	<b>232.29</b>
<b>PAPER</b>				
Cardboard	100.00	0.00	94.67	194.67
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	128.00	128.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.05	0.05
Mixed Paper	173.60	0.00	0.00	173.60
<b>TOTAL PAPER</b>	<b>273.60</b>	<b>0.00</b>	<b>222.72</b>	<b>496.32</b>
<b>PLASTIC</b>				
HDPE	50.99	0.00	0.00	50.99
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 and HDPE	4.14	0.00	0.00	4.14
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>55.13</b>	<b>0.00</b>	<b>0.00</b>	<b>55.13</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	99.03	0.00	0.00	99.03
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	60.29	59.79	5.00	125.08
Tires (automobiles, trucks, motorcycles)	581.70	0.00	0.00	581.70
Used Motor Oil (automobiles, trucks, motorcycles)	31.24	—	—	31.24
Yard Trimmings	900.00	0.00	0.00	900.00
<b>TOTAL BANNED ITEMS</b>	<b>1,672.27</b>	<b>59.79</b>	<b>5.00</b>	<b>1,737.06</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	4.31	0.00	0.00	4.31
Fluorescent Bulbs	0.00	0.00	0.31	0.31
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.15	0.15
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.05	0.00	0.00	3.05
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>7.36</b>	<b>0.00</b>	<b>0.46</b>	<b>7.81</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>2,274.87</b>	<b>59.79</b>	<b>245.08</b>	<b>2,579.74</b>



# FLORENCE COUNTY

**TABLE 8.45: 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)
137,948	15	2	17	0.83	20,841.52	4.0	101,603

**TABLE 8.46: 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	2.00	0.00	2.00
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>2.00</b>	<b>0.00</b>	<b>2.00</b>
<b>METAL</b>				
Aluminum Cans	7.01	0.00	1.09	8.10
Ferrous, Magnetic	0.00	7,424.34	553.00	7,977.34
Non-Ferrous, Non-magnetic	0.00	21.00	2.00	23.00
Steel Cans	5.84	0.00	0.00	5.84
Mixed Scrap Metal	0.00	3.00	225.34	228.34
<b>TOTAL METAL</b>	<b>12.85</b>	<b>7,448.34</b>	<b>781.43</b>	<b>8,242.62</b>
<b>PAPER</b>				
Cardboard	0.00	1.90	46.85	48.75
Magazines	0.00	0.00	1.00	1.00
Newspaper and Inserts	177.48	0.00	0.00	177.48
Office Paper	0.00	32.50	4.00	36.50
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.10	1.00	1.10
Mixed Paper	18.68	0.00	0.65	19.33
<b>TOTAL PAPER</b>	<b>196.16</b>	<b>34.50</b>	<b>53.50</b>	<b>284.16</b>
<b>PLASTIC</b>				
HDPE	8.17	0.00	1.00	9.17
LDPE	0.00	0.00	0.00	0.00
PET	16.35	1.00	0.00	17.35
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	25.86	25.86
<b>TOTAL PLASTIC</b>	<b>24.52</b>	<b>1.00</b>	<b>26.86</b>	<b>52.38</b>
<b>BANNED ITEMS</b>				
Appliances	1,087.00	0.00	0.00	1,087.00
Electronics	270.17	18.76	0.00	288.93
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	334.17	334.17	0.00	668.34
Tires (automobiles, trucks, motorcycles)	1,163.55	0.00	1.66	1,165.21
Used Motor Oil (automobiles, trucks, motorcycles)	77.60	—	—	77.60
Yard Trimmings	7,521.50	0.00	0.00	7,521.50
<b>TOTAL BANNED ITEMS</b>	<b>10,453.99</b>	<b>352.93</b>	<b>1.66</b>	<b>10,808.58</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.10	0.00	0.10
Cooking Oil/Grease	1.58	0.00	1.00	2.58
Fluorescent Bulbs	0.00	0.00	1.00	1.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	1.00	1.00
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.60	0.10	1.25	4.95
Wood Packaging (pallets, crates, barrels)	0.00	0.00	9.00	9.00
Other Items	0.14	0.00	0.00	0.14
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>5.32</b>	<b>0.20</b>	<b>13.25</b>	<b>18.77</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>1,403.01</b>	<b>30.00</b>	<b>0.00</b>	<b>1,433.01</b>
<b>TOTAL FOR ALL</b>	<b>12,095.85</b>	<b>7,868.97</b>	<b>876.70</b>	<b>20,841.52</b>

# GEORGETOWN COUNTY

**TABLE 8.47: 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)
60,189	14	1	24.6	7.18	12,989.49	3.6	39,910

**TABLE 8.48: Georgetown 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	94.89	0.00	0.00	94.89
Containers & Packaging - Green	96.23	0.00	0.00	96.23
Containers & Packaging - Mixed	47.79	0.00	0.00	47.79
<b>TOTAL GLASS</b>	<b>238.91</b>	<b>0.00</b>	<b>0.00</b>	<b>238.91</b>
<b>METAL</b>				
Aluminum Cans	10.83	0.00	0.00	10.83
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	0.00	0.00	0.00
Mixed Scrap Metal	336.01	5,550.29	0.00	5,886.30
<b>TOTAL METAL</b>	<b>346.84</b>	<b>5,550.29</b>	<b>0.00</b>	<b>5,897.13</b>
<b>PAPER</b>				
Cardboard	332.55	383.27	0.00	715.82
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	343.78	85.12	0.00	428.90
Office Paper	14.81	0.00	0.00	14.81
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.60	0.00	0.00	0.60
<b>TOTAL PAPER</b>	<b>691.74</b>	<b>468.39</b>	<b>0.00</b>	<b>1,160.13</b>
<b>PLASTIC</b>				
HDPE	48.63	0.00	0.00	48.63
LDPE	0.00	0.00	0.00	0.00
PET	78.19	0.00	0.00	78.19
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	14.06	0.00	0.00	14.06
<b>TOTAL PLASTIC</b>	<b>140.88</b>	<b>0.00</b>	<b>0.00</b>	<b>140.88</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	158.36	17.60	0.00	175.96
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	146.80	144.81	0.00	291.61
Tires (automobiles, trucks, motorcycles)	799.89	0.00	0.00	799.89
Used Motor Oil (automobiles, trucks, motorcycles)	67.69	—	—	67.69
Yard Trimmings	3,323.87	869.00	0.00	4,192.87
<b>TOTAL BANNED ITEMS</b>	<b>4,496.61</b>	<b>1,031.41</b>	<b>0.00</b>	<b>5,528.02</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.52	0.00	0.00	0.52
Cooking Oil/Grease	1.35	0.00	0.00	1.35
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.17	0.00	0.00	0.17
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	20.90	0.00	0.00	20.90
Used Motor Oil Filters	1.48	0.00	0.00	1.48
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>24.42</b>	<b>0.00</b>	<b>0.00</b>	<b>24.42</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>5,939.40</b>	<b>7,121.38</b>	<b>0.00</b>	<b>12,989.49</b>

# GREENVILLE COUNTY

**TABLE 8.49: 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)
467,605	25	6	33.6	2.28	194,820.18	4.5	384,998

**TABLE 8.50: Greenville 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	312.00	0.40	1.00	313.40
<b>TOTAL GLASS</b>	<b>312.00</b>	<b>0.40</b>	<b>1.00</b>	<b>313.40</b>
<b>METAL</b>				
Aluminum Cans	0.00	67.33	2.48	69.82
Ferrous, Magnetic	0.00	28,630.22	2,192.75	30,822.97
Non-Ferrous, Non-magnetic	0.00	326.11	5.00	331.11
Steel Cans	0.00	0.27	0.00	0.27
Mixed Scrap Metal	3.00	586.91	1,190.01	1,779.92
<b>TOTAL METAL</b>	<b>3.00</b>	<b>29,610.84</b>	<b>3,390.24</b>	<b>33,004.09</b>
<b>PAPER</b>				
Cardboard	700.36	82,597.50	2,260.38	85,558.24
Magazines	0.00	0.03	0.01	0.04
Newspaper and Inserts	0.00	22.50	0.20	22.70
Office Paper	0.00	5,093.42	614.27	5,707.69
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.20	0.22	0.42
Mixed Paper	4,137.33	2,989.94	36.47	7,163.75
<b>TOTAL PAPER</b>	<b>4,837.69</b>	<b>90,703.59</b>	<b>2,911.56</b>	<b>98,452.84</b>
<b>PLASTIC</b>				
HDPE	0.00	7.43	0.00	7.43
LDPE	0.00	3.40	5.20	8.60
PET	0.71	12.46	1.21	14.38
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 and HDPE	27.00	0.00	0.00	27.00
Mixed Plastic	0.00	353.16	2,935.86	3,289.02
<b>TOTAL PLASTIC</b>	<b>27.71</b>	<b>376.45</b>	<b>2,942.27</b>	<b>3,346.43</b>
<b>BANNED ITEMS</b>				
Appliances	1,247.00	8.83	0.00	1,255.83
Electronics	424.30	226.80	119.41	770.51
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,141.27	1,513.63	10.86	2,665.76
Tires (automobiles, trucks, motorcycles)	4,536.91	2,952.57	1,714.08	9,203.55
Used Motor Oil (automobiles, trucks, motorcycles)	229.87	—	—	229.87
Yard Trimmings	18,582.13	7,316.68	0.00	25,898.81
<b>TOTAL BANNED ITEMS</b>	<b>26,161.48</b>	<b>12,018.49</b>	<b>1,844.35</b>	<b>40,024.32</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	10.00	56.67	0.00	66.67
Cooking Oil/Grease	11.00	41.88	4.80	57.68
Fluorescent Bulbs	24.00	8.77	11.79	44.56
Food Scraps	0.00	474.07	0.00	474.07
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	4.10	5.15	1.76	11.01
Mattresses	0.00	0.00	0.00	0.00
Paint	0.40	1.88	1.10	3.38
Rechargeable Batteries	4.80	0.12	0.76	5.68
Textiles (recycled – not donated for reuse)	70.00	0.00	0.00	70.00
Used Motor Oil Filters	3.35	62.73	84.90	150.98
Wood Packaging (pallets, crates, barrels)	8.32	1,113.20	2,197.07	3,318.59
Other Items	18.50	771.19	75.26	864.94
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>154.47</b>	<b>2,535.65</b>	<b>2,377.43</b>	<b>5,067.56</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>9,083.73</b>	<b>5,480.62</b>	<b>47.20</b>	<b>14,611.55</b>
<b>TOTAL FOR ALL</b>	<b>40,580.08</b>	<b>140,726.05</b>	<b>13,514.05</b>	<b>194,820.18</b>

# GREENWOOD COUNTY

**TABLE 8.51: 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)
69,756	9	4	26.1	1.72	21,871.23	4.9	61,960

**TABLE 8.52: 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	2.00	0.00	2.00
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.00	438.00	438.00
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>2.00</b>	<b>438.00</b>	<b>440.00</b>
<b>METAL</b>				
Aluminum Cans	5.00	2.35	1.00	8.35
Ferrous, Magnetic	0.00	3,231.77	237.00	3,468.77
Non-Ferrous, Non-magnetic	0.00	9.00	2,988.02	2,997.02
Steel Cans	10.52	14.13	97.00	121.65
Mixed Scrap Metal	151.00	213.11	327.57	691.68
<b>TOTAL METAL</b>	<b>166.52</b>	<b>3,470.36</b>	<b>3,650.59</b>	<b>7,287.48</b>
<b>PAPER</b>				
Cardboard	550.00	3,144.52	1,553.30	5,247.82
Magazines	0.00	0.00	0.25	0.25
Newspaper and Inserts	0.00	0.00	8.25	8.25
Office Paper	104.00	67.09	5.00	176.09
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	247.00	298.60	3,527.00	4,072.60
<b>TOTAL PAPER</b>	<b>901.00</b>	<b>3,510.21</b>	<b>5,093.80</b>	<b>9,505.01</b>
<b>PLASTIC</b>				
HDPE	6.07	2.66	32.00	40.73
LDPE	0.00	0.30	0.00	0.30
PET	52.40	2.01	0.00	54.41
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 and HDPE	44.12	0.00	0.00	44.12
Mixed Plastic	0.09	2.64	290.00	292.73
<b>TOTAL PLASTIC</b>	<b>102.68</b>	<b>7.61</b>	<b>322.00</b>	<b>432.29</b>
<b>BANNED ITEMS</b>				
Appliances	2.00	0.00	0.00	2.00
Electronics	112.40	16.08	0.90	129.38
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	169.98	168.52	1.06	339.57
Tires (automobiles, trucks, motorcycles)	1,184.58	7.97	0.00	1,192.55
Used Motor Oil (automobiles, trucks, motorcycles)	26.94	—	—	26.94
Yard Trimmings	0.00	484.14	0.00	484.14
<b>TOTAL BANNED ITEMS</b>	<b>1,495.91</b>	<b>676.72</b>	<b>1.96</b>	<b>2,174.58</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.88	0.80	0.00	1.68
Cooking Oil/Grease	1.00	0.00	0.00	1.00
Fluorescent Bulbs	0.00	1.32	1.44	2.76
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.03	0.08	0.01	0.11
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.11	0.00	0.11
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.49	0.01	0.00	0.51
Wood Packaging (pallets, crates, barrels)	0.00	2.20	1.50	3.70
Other Items	0.00	0.00	3.00	3.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>2.40</b>	<b>4.52</b>	<b>5.96</b>	<b>12.87</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,019.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2,019.00</b>
<b>TOTAL FOR ALL</b>	<b>4,687.51</b>	<b>7,671.41</b>	<b>9,512.31</b>	<b>21,871.23</b>

# HAMPTON COUNTY

**TABLE 8.53: 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)
20,726	11	0	19	0.69	2,620.13	3.0	11,198

**TABLE 8.54: Hampton 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	24.00	0.00	24.00
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	0.00	0.00	0.00
Mixed Scrap Metal	71.42	50.00	0.00	121.42
<b>TOTAL METAL</b>	<b>71.42</b>	<b>74.00</b>	<b>0.00</b>	<b>145.42</b>
<b>PAPER</b>				
Cardboard	41.73	25.00	0.00	66.73
Magazines	14.63	0.00	0.00	14.63
Newspaper and Inserts	27.16	0.00	0.00	27.16
Office Paper	1.78	0.00	0.00	1.78
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>85.30</b>	<b>25.00</b>	<b>0.00</b>	<b>110.30</b>
<b>PLASTIC</b>				
HDPE	12.15	0.00	0.00	12.15
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 and HDPE	1.17	0.00	0.00	1.17
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>13.32</b>	<b>0.00</b>	<b>0.00</b>	<b>13.32</b>
<b>BANNED ITEMS</b>				
Appliances	25.58	0.00	0.00	25.58
Electronics	39.28	0.00	0.00	39.28
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	52.13	55.24	0.00	107.37
Tires (automobiles, trucks, motorcycles)	337.33	24.68	0.00	362.01
Used Motor Oil (automobiles, trucks, motorcycles)	24.93	—	—	24.93
Yard Trimmings	1,784.99	0.00	0.00	1,784.99
<b>TOTAL BANNED ITEMS</b>	<b>2,264.24</b>	<b>79.92</b>	<b>0.00</b>	<b>2,344.16</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.03	0.03
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	1.63	0.00	0.00	1.63
Wood Packaging (pallets, crates, barrels)	5.27	0.00	0.00	5.27
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>6.90</b>	<b>0.00</b>	<b>0.03</b>	<b>6.93</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>2,441.18</b>	<b>178.92</b>	<b>0.03</b>	<b>2,620.13</b>



# HORRY COUNTY

**TABLE 8.55: 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)
282,285	30	6	50.4	4.44	228,885.00	4.4	225,593

**TABLE 8.56: Horry 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	2,056.58	0.00	0.00	2,056.58
<b>TOTAL GLASS</b>	<b>2,056.58</b>	<b>0.00</b>	<b>0.00</b>	<b>2,056.58</b>
<b>METAL</b>				
Aluminum Cans	182.24	383.62	1.09	566.95
Ferrous, Magnetic	0.00	12,785.92	5,354.23	18,140.15
Non-Ferrous, Non-magnetic	0.00	879.70	233.00	1,112.70
Steel Cans	407.40	21.00	0.00	428.40
Mixed Scrap Metal	2,699.90	2,929.77	4.73	5,634.40
<b>TOTAL METAL</b>	<b>3,289.54</b>	<b>17,000.01</b>	<b>5,593.05</b>	<b>25,882.60</b>
<b>PAPER</b>				
Cardboard	9,576.10	127,282.96	451.71	137,310.77
Magazines	0.00	28.87	0.45	29.32
Newspaper and Inserts	5,143.18	441.72	0.00	5,584.90
Office Paper	507.17	2,146.01	46.45	2,699.63
Paperboard	0.00	1.72	0.00	1.72
Phone Books	0.00	70.72	0.18	70.90
Mixed Paper	0.00	262.00	0.00	262.00
<b>TOTAL PAPER</b>	<b>15,226.45</b>	<b>130,234.00</b>	<b>498.79</b>	<b>145,959.24</b>
<b>PLASTIC</b>				
HDPE	410.63	5.47	0.00	416.10
LDPE	0.00	0.50	0.00	0.50
PET	704.96	2.53	0.00	707.49
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.36	0.00	0.36
Commingled PET and HDPE	309.11	49.40	38.69	397.20
Mixed Plastic	0.00	152.30	0.00	152.30
<b>TOTAL PLASTIC</b>	<b>1,424.70</b>	<b>210.56</b>	<b>38.69</b>	<b>1,673.95</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	7.90	0.00	7.90
Electronics	910.45	149.11	1.11	1,060.67
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	685.51	3,123.50	0.00	3,809.01
Tires (automobiles, trucks, motorcycles)	3,371.23	1,472.67	31.66	4,875.56
Used Motor Oil (automobiles, trucks, motorcycles)	160.18	—	—	160.18
Yard Trimmings	38,278.00	1,116.86	0.00	39,394.86
<b>TOTAL BANNED ITEMS</b>	<b>43,405.37</b>	<b>5,870.04</b>	<b>32.77</b>	<b>49,308.18</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	1.60	77.46	0.00	79.06
Cooking Oil/Grease	101.78	684.38	0.00	786.16
Fluorescent Bulbs	0.15	2.59	1.99	4.73
Food Scraps	0.00	880.52	0.00	880.52
Household Hazardous Materials	1,100.12	0.00	0.00	1,100.12
Inkjet/Toner Cartridges	0.00	6.56	0.07	6.62
Mattresses	67.45	0.00	0.00	67.45
Paint	63.55	0.00	0.50	64.05
Rechargeable Batteries	4.80	2.49	0.18	7.47
Textiles (recycled – not donated for reuse)	0.00	32.42	0.00	32.42
Used Motor Oil Filters	0.00	195.77	23.00	218.77
Wood Packaging (pallets, crates, barrels)	51.16	162.07	6.72	219.95
Other Items	0.00	230.86	5.73	236.59
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>1,390.61</b>	<b>2,275.12</b>	<b>38.19</b>	<b>3,703.91</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>300.54</b>	<b>0.00</b>	<b>300.54</b>
<b>TOTAL FOR ALL</b>	<b>66,793.25</b>	<b>155,890.27</b>	<b>6,201.48</b>	<b>228,885.00</b>

# JASPER COUNTY

**TABLE 8.57: 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)
25,833	6	2	7	0.17	822.59	2.3	10,993

**TABLE 8.58: 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	75.62	0.00	0.00	75.62
<b>TOTAL GLASS</b>	<b>75.62</b>	<b>0.00</b>	<b>0.00</b>	<b>75.62</b>
<b>METAL</b>				
Aluminum Cans	0.67	0.00	0.00	0.67
Ferrous, Magnetic	0.00	84.04	0.00	84.04
Non-Ferrous, Non-magnetic	0.00	1.00	0.00	1.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	63.63	0.33	0.00	63.96
<b>TOTAL METAL</b>	<b>64.30</b>	<b>85.37</b>	<b>0.00</b>	<b>149.67</b>
<b>PAPER</b>				
Cardboard	131.24	4.56	0.00	135.80
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	62.32	0.00	0.00	62.32
Office Paper	0.00	0.25	0.00	0.25
Paperboard	0.00	2.00	0.00	2.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	1.78	0.00	1.78
<b>TOTAL PAPER</b>	<b>193.56</b>	<b>8.59</b>	<b>0.00</b>	<b>202.15</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	25.48	0.33	0.00	25.81
<b>TOTAL PLASTIC</b>	<b>25.48</b>	<b>0.33</b>	<b>0.00</b>	<b>25.81</b>
<b>BANNED ITEMS</b>				
Appliances	40.99	0.00	0.00	40.99
Electronics	66.94	0.00	0.00	66.94
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	64.42	62.99	0.00	127.41
Tires (automobiles, trucks, motorcycles)	99.47	9.30	0.00	108.77
Used Motor Oil (automobiles, trucks, motorcycles)	21.66	—	—	21.66
Yard Trimmings	0.00	1.31	0.00	1.31
<b>TOTAL BANNED ITEMS</b>	<b>293.48</b>	<b>73.60</b>	<b>0.00</b>	<b>367.08</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	2.05	0.00	2.05
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.21	0.00	0.21
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>2.26</b>	<b>0.00</b>	<b>2.26</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>652.44</b>	<b>170.15</b>	<b>0.00</b>	<b>822.59</b>

# KERSHAW COUNTY

**TABLE 8.59: 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)
62,343	10	1	45.1	2.03	23,066.41	2.5	28,033

**TABLE 8.60: 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	6.52	0.00	0.00	6.52
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>6.52</b>	<b>0.00</b>	<b>0.00</b>	<b>6.52</b>
<b>METAL</b>				
Aluminum Cans	22.52	0.79	0.06	23.37
Ferrous, Magnetic	0.00	27.00	29.56	56.56
Non-Ferrous, Non-magnetic	0.00	2.60	0.00	2.60
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	0.00	1.86	3.29	5.15
<b>TOTAL METAL</b>	<b>22.52</b>	<b>32.25</b>	<b>32.91</b>	<b>87.68</b>
<b>PAPER</b>				
Cardboard	214.51	2,904.19	17.28	3,135.98
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	318.34	0.00	0.00	318.34
Office Paper	78.89	5.05	0.55	84.49
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	1.71	0.00	0.00	1.71
<b>TOTAL PAPER</b>	<b>613.45</b>	<b>2,909.24</b>	<b>17.82</b>	<b>3,540.51</b>
<b>PLASTIC</b>				
HDPE	132.34	286.07	0.00	418.41
LDPE	0.00	0.00	0.00	0.00
PET	0.55	0.00	0.12	0.67
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 and HDPE	7.54	0.00	0.00	7.54
Mixed Plastic	0.00	0.00	1.31	1.31
<b>TOTAL PLASTIC</b>	<b>140.43</b>	<b>286.07</b>	<b>1.42</b>	<b>427.92</b>
<b>BANNED ITEMS</b>				
Appliances	14.76	0.00	0.00	14.76
Electronics	66.53	14.71	0.00	81.24
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	151.12	150.91	0.00	302.03
Tires (automobiles, trucks, motorcycles)	704.43	0.00	0.00	704.43
Used Motor Oil (automobiles, trucks, motorcycles)	75.60	—	—	75.60
Yard Trimmings	17,473.10	0.00	0.00	17,473.10
<b>TOTAL BANNED ITEMS</b>	<b>18,485.53</b>	<b>165.62</b>	<b>0.00</b>	<b>18,651.15</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.19	0.00	0.00	0.19
Cooking Oil/Grease	0.13	0.00	0.00	0.13
Fluorescent Bulbs	0.00	0.00	0.08	0.08
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.01	0.01
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.69	0.00	0.00	0.69
Wood Packaging (pallets, crates, barrels)	0.00	0.00	30.13	30.13
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>1.01</b>	<b>0.00</b>	<b>30.22</b>	<b>31.22</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>321.40</b>	<b>0.00</b>	<b>0.00</b>	<b>321.40</b>
<b>TOTAL FOR ALL</b>	<b>19,590.86</b>	<b>3,393.18</b>	<b>82.37</b>	<b>23,066.41</b>

# LANCASTER COUNTY

**TABLE 8.61: 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)
79,089	12	1	28.8	0.75	10,872.90	1.9	26,838

**TABLE 8.62: Lancaster County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	4.20	0.00	0.00	4.20
Containers & Packaging - Clear	5.12	0.00	0.00	5.12
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>9.32</b>	<b>0.00</b>	<b>0.00</b>	<b>9.32</b>
<b>METAL</b>				
Aluminum Cans	0.61	0.00	6.56	7.17
Ferrous, Magnetic	0.00	0.00	293.45	293.45
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	55.62	0.00	214.63	270.25
<b>TOTAL METAL</b>	<b>56.23</b>	<b>0.00</b>	<b>514.64</b>	<b>570.87</b>
<b>PAPER</b>				
Cardboard	96.84	0.00	2,170.00	2,266.84
Magazines	2.10	0.00	0.00	2.10
Newspaper and Inserts	30.56	0.00	0.00	30.56
Office Paper	6.70	0.00	160.82	167.52
Paperboard	0.00	0.00	0.00	0.00
Phone Books	2.00	0.00	0.00	2.00
Mixed Paper	0.00	0.00	19.90	19.90
<b>TOTAL PAPER</b>	<b>138.20</b>	<b>0.00</b>	<b>2,350.72</b>	<b>2,488.92</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	15.64	0.00	343.38	359.02
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	284.07	284.07
<b>TOTAL PLASTIC</b>	<b>15.64</b>	<b>0.00</b>	<b>627.44</b>	<b>643.08</b>
<b>BANNED ITEMS</b>				
Appliances	11.41	0.00	0.00	11.41
Electronics	93.35	17.47	0.00	110.82
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	191.61	191.57	0.36	383.54
Tires (automobiles, trucks, motorcycles)	589.48	0.00	0.00	589.48
Used Motor Oil (automobiles, trucks, motorcycles)	4.15	—	—	4.15
Yard Trimmings	3,488.40	0.00	0.00	3,488.40
<b>TOTAL BANNED ITEMS</b>	<b>4,378.39</b>	<b>209.04</b>	<b>0.36</b>	<b>4,587.79</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.78	0.00	0.00	0.78
Fluorescent Bulbs	0.03	0.00	0.20	0.23
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	1.88	0.00	0.00	1.88
Inkjet/Toner Cartridges	0.00	0.00	0.89	0.89
Mattresses	0.00	0.00	0.00	0.00
Paint	3.30	0.00	0.10	3.40
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	4.05	0.00	0.00	4.05
Wood Packaging (pallets, crates, barrels)	0.00	0.00	1,960.30	1,960.30
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>10.04</b>	<b>0.00</b>	<b>1,961.48</b>	<b>1,971.52</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>588.72</b>	<b>12.68</b>	<b>0.00</b>	<b>601.40</b>
<b>TOTAL FOR ALL</b>	<b>5,196.54</b>	<b>221.72</b>	<b>5,454.64</b>	<b>10,872.90</b>

# LAURENS COUNTY

**TABLE 8.63: 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)
66,223	13	0	36.8	1.31	15,854.99	2.3	27,206

**TABLE 8.64: Laurens County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	14.15	0.00	0.00	14.15
Containers & Packaging - Clear	10.92	0.00	0.00	10.92
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>25.07</b>	<b>0.00</b>	<b>0.00</b>	<b>25.07</b>
<b>METAL</b>				
Aluminum Cans	2.56	5.55	0.00	8.11
Ferrous, Magnetic	0.00	3,152.50	237.00	3,389.50
Non-Ferrous, Non-magnetic	0.00	14.00	1.00	15.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	45.95	336.10	0.00	382.05
<b>TOTAL METAL</b>	<b>48.51</b>	<b>3,508.15</b>	<b>238.00</b>	<b>3,794.66</b>
<b>PAPER</b>				
Cardboard	262.44	9,185.37	0.00	9,447.81
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	126.23	61.00	0.00	187.23
Office Paper	2.00	101.82	0.00	103.82
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	40.81	94.40	0.00	135.21
<b>TOTAL PAPER</b>	<b>431.48</b>	<b>9,442.59</b>	<b>0.00</b>	<b>9,874.07</b>
<b>PLASTIC</b>				
HDPE	0.00	0.34	0.00	0.34
LDPE	0.00	0.00	0.00	0.00
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 and HDPE	5.92	0.35	0.00	6.27
Mixed Plastic	14.50	1,014.47	0.00	1,028.97
<b>TOTAL PLASTIC</b>	<b>20.42</b>	<b>1,015.46</b>	<b>0.00</b>	<b>1,035.88</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	170.97	14.35	0.00	185.32
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	162.76	158.33	0.00	321.09
Tires (automobiles, trucks, motorcycles)	426.08	0.20	0.00	426.28
Used Motor Oil (automobiles, trucks, motorcycles)	31.99	—	—	31.99
Yard Trimmings	0.00	1.00	0.00	1.00
<b>TOTAL BANNED ITEMS</b>	<b>791.80</b>	<b>173.88</b>	<b>0.00</b>	<b>965.68</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	7.49	0.00	7.49
Fluorescent Bulbs	0.00	1.15	0.00	1.15
Food Scraps	0.00	7.70	0.00	7.70
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	33.30	0.00	33.30
Other Items	0.00	94.92	0.00	94.92
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>144.56</b>	<b>0.00</b>	<b>144.56</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>15.07</b>	<b>0.00</b>	<b>15.07</b>
<b>TOTAL FOR ALL</b>	<b>1,317.28</b>	<b>14,299.71</b>	<b>238.00</b>	<b>15,855.00</b>



# LEE COUNTY

**TABLE 8.65: 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)
18,654	9	0	24.8	0.82	2,790.24	2.5	8,449

**TABLE 8.66: Lee 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	3.30	0.00	0.00	3.30
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	4.90	0.00	0.00	4.90
Mixed Scrap Metal	188.70	0.00	0.00	188.70
<b>TOTAL METAL</b>	<b>196.90</b>	<b>0.00</b>	<b>0.00</b>	<b>196.90</b>
<b>PAPER</b>				
Cardboard	0.00	0.00	0.00	0.00
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	18.40	0.00	0.00	18.40
<b>TOTAL PAPER</b>	<b>18.40</b>	<b>0.00</b>	<b>0.00</b>	<b>18.40</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	12.00	0.00	0.00	12.00
<b>TOTAL PLASTIC</b>	<b>12.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12.00</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	28.63	0.00	0.00	28.63
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	49.18	49.18	0.00	98.36
Tires (automobiles, trucks, motorcycles)	171.60	0.00	0.00	171.60
Used Motor Oil (automobiles, trucks, motorcycles)	12.46	—	—	12.46
Yard Trimmings	2,245.99	0.00	0.00	2,245.99
<b>TOTAL BANNED ITEMS</b>	<b>2,507.86</b>	<b>49.18</b>	<b>0.00</b>	<b>2,557.04</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	2.00	2.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	3.90	0.00	0.00	3.90
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>3.90</b>	<b>0.00</b>	<b>2.00</b>	<b>5.90</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>2,739.06</b>	<b>49.18</b>	<b>2.00</b>	<b>2,790.24</b>

# LEXINGTON COUNTY

**TABLE 8.67: 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)
270,406	11	7	38.9	1.81	89,298.50	2.8	140,151

**TABLE 8.68: Lexington County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	134.08	0.00	0.00	134.08
Containers & Packaging - Clear	199.22	0.00	0.00	199.22
Containers & Packaging - Green	97.48	0.00	0.00	97.48
Containers & Packaging - Mixed	101.87	0.12	0.00	101.99
<b>TOTAL GLASS</b>	<b>532.65</b>	<b>0.12</b>	<b>0.00</b>	<b>532.77</b>
<b>METAL</b>				
Aluminum Cans	36.83	153.37	1.62	191.82
Ferrous, Magnetic	0.00	28,302.14	90.41	28,392.55
Non-Ferrous, Non-magnetic	0.00	1,870.00	0.00	1,870.00
Steel Cans	6.02	61.68	0.00	67.70
Mixed Scrap Metal	534.17	2,242.77	572.86	3,349.80
<b>TOTAL METAL</b>	<b>577.02</b>	<b>32,629.95</b>	<b>664.89</b>	<b>33,871.86</b>
<b>PAPER</b>				
Cardboard	779.44	10,323.86	1,843.52	12,946.82
Magazines	0.00	53.01	0.20	53.21
Newspaper and Inserts	929.56	7.06	4.00	940.62
Office Paper	78.23	2,635.22	214.19	2,927.64
Paperboard	0.00	0.26	0.05	0.31
Phone Books	0.00	0.53	0.00	0.53
Mixed Paper	0.00	238.54	760.73	999.27
<b>TOTAL PAPER</b>	<b>1,787.23</b>	<b>13,258.48</b>	<b>2,822.69</b>	<b>17,868.40</b>
<b>PLASTIC</b>				
HDPE	38.01	36.58	0.00	74.59
LDPE	0.00	0.00	0.00	0.00
PET	0.00	1.27	0.00	1.27
PP	0.00	14.88	0.00	14.88
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.10	0.00	0.10
Commingled PET and HDPE	218.41	9.89	0.00	228.30
Mixed Plastic	7.23	55.88	174.08	237.19
<b>TOTAL PLASTIC</b>	<b>263.65</b>	<b>118.60</b>	<b>174.08</b>	<b>556.33</b>
<b>BANNED ITEMS</b>				
Appliances	1,246.45	0.15	0.00	1,246.60
Electronics	305.77	58.86	8.02	372.65
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	669.31	802.20	5.73	1,477.24
Tires (automobiles, trucks, motorcycles)	1,543.37	95.81	6.89	1,646.07
Used Motor Oil (automobiles, trucks, motorcycles)	258.12	—	—	258.12
Yard Trimmings	4,909.35	12,108.00	0.00	17,017.35
<b>TOTAL BANNED ITEMS</b>	<b>8,932.37</b>	<b>13,065.01</b>	<b>20.64</b>	<b>22,018.02</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	11.68	1.00	12.68
Cooking Oil/Grease	0.00	7.54	1,694.00	1,701.54
Fluorescent Bulbs	0.00	28.97	0.39	29.36
Food Scraps	0.00	2.00	3,647.00	3,649.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	7.51	2.46	9.97
Mattresses	94.02	0.00	0.00	94.02
Paint	0.00	0.50	0.00	0.50
Rechargeable Batteries	0.00	0.48	0.00	0.48
Textiles (recycled – not donated for reuse)	37.86	0.00	34.00	71.86
Used Motor Oil Filters	56.20	41.04	1.50	98.74
Wood Packaging (pallets, crates, barrels)	0.00	199.86	2,252.20	2,452.06
Other Items	104.76	178.56	22.02	305.34
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>292.84</b>	<b>478.13</b>	<b>7,654.57</b>	<b>8,425.54</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>5,429.48</b>	<b>596.09</b>	<b>0.00</b>	<b>6,025.57</b>
<b>TOTAL FOR ALL</b>	<b>17,815.24</b>	<b>60,146.39</b>	<b>11,336.87</b>	<b>89,298.50</b>

# MARION COUNTY

**TABLE 8.69: 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)
32,457	4	0	23.3	0.81	4,813.04	2.7	15,834

**TABLE 8.70: 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	0.00	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	0.00	0.00	0.00
Ferrous, Magnetic	0.00	2,494.45	0.00	2,494.45
Non-Ferrous, Non-magnetic	0.00	300.05	0.00	300.05
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	30.02	0.00	0.00	30.02
<b>TOTAL METAL</b>	<b>30.02</b>	<b>2,794.50</b>	<b>0.00</b>	<b>2,824.52</b>
<b>PAPER</b>				
Cardboard	21.60	418.19	714.71	1,154.50
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>21.60</b>	<b>418.19</b>	<b>714.71</b>	<b>1,154.50</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	27.34	27.34
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>0.00</b>	<b>27.34</b>	<b>27.34</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	13.99	5.60	0.00	19.58
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	78.62	115.62	0.00	194.24
Tires (automobiles, trucks, motorcycles)	303.79	264.67	0.00	568.46
Used Motor Oil (automobiles, trucks, motorcycles)	9.53	—	—	9.53
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>405.93</b>	<b>385.89</b>	<b>0.00</b>	<b>791.82</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	2.16	0.00	2.16
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.25	4.75	0.00	5.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.25</b>	<b>6.91</b>	<b>0.00</b>	<b>7.16</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>7.70</b>	<b>0.00</b>	<b>0.00</b>	<b>7.70</b>
<b>TOTAL FOR ALL</b>	<b>465.50</b>	<b>3,605.49</b>	<b>742.05</b>	<b>4,813.04</b>

# MARLBORO COUNTY

**TABLE 8.71: 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)
28,145	5	0	30.3	1.06	5,463.27	2.4	12,565

**TABLE 8.72: 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	6.50	48.00	0.00	54.50
Ferrous, Magnetic	0.00	420.50	828.64	1,249.14
Non-Ferrous, Non-magnetic	0.00	50.00	879.00	929.00
Steel Cans	0.00	20.00	0.00	20.00
Mixed Scrap Metal	0.00	0.00	0.00	0.00
<b>TOTAL METAL</b>	<b>6.50</b>	<b>538.50</b>	<b>1,707.64</b>	<b>2,252.64</b>
<b>PAPER</b>				
Cardboard	0.00	240.00	1,308.40	1,548.40
Magazines	0.00	20.00	0.00	20.00
Newspaper and Inserts	0.00	220.00	0.00	220.00
Office Paper	0.00	120.00	12.18	132.18
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.00	0.00
<b>TOTAL PAPER</b>	<b>0.00</b>	<b>600.00</b>	<b>1,320.58</b>	<b>1,920.58</b>
<b>PLASTIC</b>				
HDPE	0.00	15.00	129.08	144.08
LDPE	0.00	0.00	0.00	0.00
PET	0.00	20.00	111.80	131.80
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 and HDPE	0.00	118.00	0.00	118.00
Mixed Plastic	5.46	130.00	0.00	135.46
<b>TOTAL PLASTIC</b>	<b>5.46</b>	<b>283.00</b>	<b>240.88</b>	<b>529.34</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	11.57	0.00	0.00	11.57
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	68.17	68.17	0.80	137.14
Tires (automobiles, trucks, motorcycles)	205.86	0.00	0.00	205.86
Used Motor Oil (automobiles, trucks, motorcycles)	6.03	—	—	6.03
Yard Trimmings	2.61	0.00	0.00	2.61
<b>TOTAL BANNED ITEMS</b>	<b>294.24</b>	<b>68.17</b>	<b>0.80</b>	<b>363.21</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.10	0.10
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.10	0.10
Mattresses	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	116.00	0.00	116.00
Used Motor Oil Filters	0.00	0.00	1.50	1.50
Wood Packaging (pallets, crates, barrels)	0.00	0.00	31.30	31.30
Other Items	0.00	0.00	15.50	15.50
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>116.00</b>	<b>48.50</b>	<b>164.50</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>233.00</b>	<b>233.00</b>
<b>TOTAL FOR ALL</b>	<b>306.20</b>	<b>1,605.67</b>	<b>3,551.40</b>	<b>5,463.27</b>

# McCORMICK COUNTY

**TABLE 8.73: 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)
9,943	4	0	7.9	0.18	324.59	2.1	3,772

**TABLE 8.74: 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	0.00	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	1.79	0.00	0.00	1.79
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	0.00	0.00	0.00
Mixed Scrap Metal	48.62	0.00	0.00	48.62
<b>TOTAL METAL</b>	<b>50.41</b>	<b>0.00</b>	<b>0.00</b>	<b>50.41</b>
<b>PAPER</b>				
Cardboard	47.43	0.00	0.00	47.43
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	23.99	0.00	0.00	23.99
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	38.30	0.00	0.00	38.30
<b>TOTAL PAPER</b>	<b>109.72</b>	<b>0.00</b>	<b>0.00</b>	<b>109.72</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	4.45	0.00	0.00	4.45
<b>TOTAL PLASTIC</b>	<b>4.45</b>	<b>0.00</b>	<b>0.00</b>	<b>4.45</b>
<b>BANNED ITEMS</b>				
Appliances	12.15	0.00	0.00	12.15
Electronics	34.92	0.25	0.00	35.17
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	24.38	23.00	0.00	47.38
Tires (automobiles, trucks, motorcycles)	57.12	0.00	0.00	57.12
Used Motor Oil (automobiles, trucks, motorcycles)	8.19	—	—	8.19
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>136.76</b>	<b>23.25</b>	<b>0.00</b>	<b>160.01</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</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>301.34</b>	<b>23.25</b>	<b>0.00</b>	<b>324.59</b>

# NEWBERRY COUNTY

**TABLE 8.75: 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)
37,576	12	0	17.3	0.94	6,419.62	4.5	30,724

**TABLE 8.76: Newberry 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	28.46	0.00	0.00	28.46
<b>TOTAL GLASS</b>	<b>28.46</b>	<b>0.00</b>	<b>0.00</b>	<b>28.46</b>
<b>METAL</b>				
Aluminum Cans	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	16.50	314.92	331.42
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	0.00	0.00
Mixed Scrap Metal	285.76	0.44	16.00	302.20
<b>TOTAL METAL</b>	<b>285.76</b>	<b>16.94</b>	<b>330.92</b>	<b>633.62</b>
<b>PAPER</b>				
Cardboard	418.34	385.03	872.57	1,675.94
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	196.28	94.33	0.00	290.61
<b>TOTAL PAPER</b>	<b>614.62</b>	<b>479.36</b>	<b>872.57</b>	<b>1,966.55</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	47.60	5.85	6.85	60.30
<b>TOTAL PLASTIC</b>	<b>47.60</b>	<b>5.85</b>	<b>6.85</b>	<b>60.30</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	108.01	0.00	0.74	108.75
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	92.14	89.90	0.00	182.04
Tires (automobiles, trucks, motorcycles)	261.07	0.00	0.00	261.07
Used Motor Oil (automobiles, trucks, motorcycles)	28.50	—	—	28.50
Yard Trimmings	3,101.85	0.00	0.00	3,101.85
<b>TOTAL BANNED ITEMS</b>	<b>3,591.57</b>	<b>89.90</b>	<b>0.74</b>	<b>3,682.21</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.32	0.01	0.00	0.33
Fluorescent Bulbs	0.00	0.00	0.15	0.15
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	48.00	48.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.32</b>	<b>0.01</b>	<b>48.15</b>	<b>48.48</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>4,568.33</b>	<b>592.06</b>	<b>1,259.23</b>	<b>6,419.62</b>



# OCONEE COUNTY

**TABLE 8.77: 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)
74,627	17	3	40.2	1.98	26,928.10	2.9	40,128

**TABLE 8.78: Oconee County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	75.25	1.00	0.00	76.25
Containers & Packaging - Clear	142.59	0.50	0.00	143.09
Containers & Packaging - Green	121.08	0.00	0.00	121.08
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>338.92</b>	<b>1.50</b>	<b>0.00</b>	<b>340.42</b>
<b>METAL</b>				
Aluminum Cans	17.00	0.25	1.65	18.90
Ferrous, Magnetic	0.00	0.00	248.79	248.79
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.50	0.00	11.38	11.88
Mixed Scrap Metal	63.20	0.00	13,150.31	13,213.51
<b>TOTAL METAL</b>	<b>80.70</b>	<b>0.25</b>	<b>13,412.13</b>	<b>13,493.08</b>
<b>PAPER</b>				
Cardboard	1,101.90	2,014.24	711.81	3,827.95
Magazines	0.00	0.25	0.50	0.75
Newspaper and Inserts	178.54	0.25	1.10	179.89
Office Paper	0.00	33.77	137.56	171.33
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	549.38	0.00	22.14	571.52
<b>TOTAL PAPER</b>	<b>1,829.82</b>	<b>2,048.51</b>	<b>873.12</b>	<b>4,751.45</b>
<b>PLASTIC</b>				
HDPE	0.00	2.00	0.26	2.26
LDPE	0.00	0.00	13.19	13.19
PET	0.00	0.00	19.40	19.40
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 and HDPE	92.22	0.00	0.00	92.22
Mixed Plastic	1.60	0.25	9.25	11.10
<b>TOTAL PLASTIC</b>	<b>93.82</b>	<b>2.25</b>	<b>42.10</b>	<b>138.17</b>
<b>BANNED ITEMS</b>				
Appliances	460.08	0.00	0.00	460.08
Electronics	0.00	0.00	2.50	2.50
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	217.75	353.23	5.69	576.67
Tires (automobiles, trucks, motorcycles)	649.30	39.50	0.00	688.80
Used Motor Oil (automobiles, trucks, motorcycles)	55.68	—	—	55.68
Yard Trimmings	2,814.32	0.00	0.00	2,814.32
<b>TOTAL BANNED ITEMS</b>	<b>4,197.13</b>	<b>392.73</b>	<b>8.19</b>	<b>4,598.05</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	14.00	2.57	16.57
Cooking Oil/Grease	3.42	1,783.50	0.00	1,786.92
Fluorescent Bulbs	0.00	0.00	3.86	3.86
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.15	0.15
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	81.97	81.97
Rechargeable Batteries	0.70	0.00	0.56	1.26
Textiles (recycled – not donated for reuse)	131.00	0.00	0.00	131.00
Used Motor Oil Filters	14.73	2.00	1.68	18.41
Wood Packaging (pallets, crates, barrels)	0.00	0.00	1,294.99	1,294.99
Other Items	236.60	15.00	20.20	271.80
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>386.45</b>	<b>1,814.50</b>	<b>1,405.98</b>	<b>3,606.93</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>6,926.84</b>	<b>4,259.74</b>	<b>15,741.52</b>	<b>26,928.10</b>

# ORANGEBURG COUNTY

**TABLE 8.79: 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)
91,476	21	1	33.7	1.62	27,125.59	3.2	53,328

**TABLE 8.80: Orangeburg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	3.76	0.00	0.00	3.76
Containers & Packaging - Clear	6.03	0.00	0.00	6.03
Containers & Packaging - Green	3.59	0.00	0.00	3.59
Containers & Packaging - Mixed	16.92	0.00	0.00	16.92
<b>TOTAL GLASS</b>	<b>30.30</b>	<b>0.00</b>	<b>0.00</b>	<b>30.30</b>
<b>METAL</b>				
Aluminum Cans	3.04	243.25	1.26	247.55
Ferrous, Magnetic	0.00	15,314.10	546.52	15,860.62
Non-Ferrous, Non-magnetic	0.00	15.00	1.00	16.00
Steel Cans	1.18	0.00	0.00	1.18
Mixed Scrap Metal	290.61	1,267.50	93.74	1,651.85
<b>TOTAL METAL</b>	<b>294.83</b>	<b>16,839.85</b>	<b>642.52</b>	<b>17,777.20</b>
<b>PAPER</b>				
Cardboard	323.13	895.09	1,920.09	3,138.31
Magazines	0.00	0.00	0.01	0.01
Newspaper and Inserts	128.67	0.00	0.11	128.78
Office Paper	3.72	56.05	29.80	89.57
Paperboard	0.00	1.00	0.00	1.00
Phone Books	0.00	0.00	0.01	0.01
Mixed Paper	0.00	0.00	0.20	0.20
<b>TOTAL PAPER</b>	<b>455.52</b>	<b>952.14</b>	<b>1,950.22</b>	<b>3,357.88</b>
<b>PLASTIC</b>				
HDPE	34.85	0.00	0.00	34.85
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 and HDPE	0.49	0.00	0.00	0.49
Mixed Plastic	0.00	10.00	9.95	19.95
<b>TOTAL PLASTIC</b>	<b>35.34</b>	<b>10.00</b>	<b>9.95</b>	<b>55.29</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	15.00	0.00	15.00
Electronics	152.32	24.11	5.87	182.30
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	222.19	250.84	7.80	480.83
Tires (automobiles, trucks, motorcycles)	663.52	40.26	0.00	703.78
Used Motor Oil (automobiles, trucks, motorcycles)	47.70	—	—	47.70
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>1,085.73</b>	<b>330.21</b>	<b>13.67</b>	<b>1,429.61</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	18.57	354.05	0.00	372.62
Fluorescent Bulbs	0.00	0.04	2.75	2.79
Food Scraps	0.00	583.66	0.00	583.66
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.26	0.26
Mattresses	0.00	0.00	0.00	0.00
Paint	5.45	0.00	0.00	5.45
Rechargeable Batteries	0.00	0.00	0.45	0.45
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.05	1.58	0.00	4.63
Wood Packaging (pallets, crates, barrels)	5.71	678.24	387.50	1,071.45
Other Items	0.00	0.00	1.00	1.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>32.78</b>	<b>1,617.57</b>	<b>391.96</b>	<b>2,042.31</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.00</b>	<b>2,433.00</b>	<b>2,433.00</b>
<b>TOTAL FOR ALL</b>	<b>1,934.50</b>	<b>19,749.77</b>	<b>5,441.32</b>	<b>27,125.59</b>

# PICKENS COUNTY

**TABLE 8.81: 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)
119,670	37	8	37.2	1.15	25,220.80	2.0	42,606

**TABLE 8.82: Pickens County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	144.44	0.00	0.00	144.44
Containers & Packaging - Clear	238.72	0.00	0.00	238.72
Containers & Packaging - Green	106.28	0.00	0.00	106.28
Containers & Packaging - Mixed	0.00	42.10	0.00	42.10
<b>TOTAL GLASS</b>	<b>489.44</b>	<b>42.10</b>	<b>0.00</b>	<b>531.54</b>
<b>METAL</b>				
Aluminum Cans	119.54	10.30	2.55	132.39
Ferrous, Magnetic	0.00	157.36	6.50	163.86
Non-Ferrous, Non-magnetic	0.00	33.00	0.00	33.00
Steel Cans	0.00	3.13	0.00	3.13
Mixed Scrap Metal	36.27	149.98	567.00	753.25
<b>TOTAL METAL</b>	<b>155.81</b>	<b>353.77</b>	<b>576.05</b>	<b>1,085.63</b>
<b>PAPER</b>				
Cardboard	2,096.31	4,569.01	68.01	6,733.33
Magazines	4.80	0.50	0.00	5.30
Newspaper and Inserts	0.00	0.50	0.00	0.50
Office Paper	27.16	748.48	12.25	787.89
Paperboard	0.00	0.50	0.00	0.50
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	1,862.48	462.24	21.00	2,345.72
<b>TOTAL PAPER</b>	<b>3,990.75</b>	<b>5,781.23</b>	<b>101.26</b>	<b>9,873.24</b>
<b>PLASTIC</b>				
HDPE	61.28	2.00	0.90	64.18
LDPE	0.00	0.00	0.00	0.00
PET	43.80	2.00	0.00	45.80
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	1.00	0.00	1.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	62.74	164.64	0.80	228.18
<b>TOTAL PLASTIC</b>	<b>167.82</b>	<b>169.64</b>	<b>1.70</b>	<b>339.16</b>
<b>BANNED ITEMS</b>				
Appliances	1,462.60	0.00	0.00	1,462.60
Electronics	361.46	47.43	0.00	408.89
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	306.07	275.97	0.25	582.29
Tires (automobiles, trucks, motorcycles)	970.87	0.00	2.00	972.87
Used Motor Oil (automobiles, trucks, motorcycles)	118.62	—	—	118.62
Yard Trimmings	6,855.97	506.48	0.00	7,362.45
<b>TOTAL BANNED ITEMS</b>	<b>10,075.59</b>	<b>829.88</b>	<b>2.25</b>	<b>10,907.72</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	6.42	0.00	0.00	6.42
Cooking Oil/Grease	108.45	24.01	0.00	132.46
Fluorescent Bulbs	0.25	12.78	0.25	13.28
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.25	7.27	0.00	7.52
Mattresses	0.00	0.00	0.00	0.00
Paint	22.14	0.00	0.00	22.14
Rechargeable Batteries	0.25	0.01	0.00	0.26
Textiles (recycled – not donated for reuse)	146.85	0.00	0.00	146.85
Used Motor Oil Filters	9.24	0.00	0.00	9.24
Wood Packaging (pallets, crates, barrels)	129.42	39.93	6.50	175.85
Other Items	0.00	5.44	0.00	5.44
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>423.27</b>	<b>89.43</b>	<b>6.75</b>	<b>519.45</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>312.17</b>	<b>1,651.90</b>	<b>0.00</b>	<b>1,964.07</b>
<b>TOTAL FOR ALL</b>	<b>15,614.85</b>	<b>8,917.94</b>	<b>688.01</b>	<b>25,220.80</b>

# RICHLAND COUNTY

**TABLE 8.83: 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)
393,830	10	5	22.5	1.06	76,466.61	3.7	263,456

**TABLE 8.84: Richland County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	24.00	0.94	0.00	24.94
Containers & Packaging - Clear	62.00	1.68	0.00	63.68
Containers & Packaging - Green	104.00	0.25	0.00	104.25
Containers & Packaging - Mixed	154.00	121.78	0.00	275.78
<b>TOTAL GLASS</b>	<b>344.00</b>	<b>124.65</b>	<b>0.00</b>	<b>468.65</b>
<b>METAL</b>				
Aluminum Cans	56.00	422.75	9.22	487.97
Ferrous, Magnetic	0.00	21,243.82	2,692.94	23,936.76
Non-Ferrous, Non-magnetic	0.00	368.00	5.00	373.00
Steel Cans	0.00	160.55	60.37	220.92
Mixed Scrap Metal	251.00	647.44	37.66	936.10
<b>TOTAL METAL</b>	<b>307.00</b>	<b>22,842.55</b>	<b>2,805.19</b>	<b>25,954.74</b>
<b>PAPER</b>				
Cardboard	837.00	10,616.56	111.48	11,565.04
Magazines	0.00	27.57	0.37	27.94
Newspaper and Inserts	475.00	1,245.29	1.29	1,721.58
Office Paper	9.00	3,582.75	24.13	3,615.88
Paperboard	0.00	2.00	0.00	2.00
Phone Books	0.00	11.35	0.05	11.40
Mixed Paper	98.00	922.56	0.00	1,020.56
<b>TOTAL PAPER</b>	<b>1,419.00</b>	<b>16,408.07</b>	<b>137.32</b>	<b>17,964.39</b>
<b>PLASTIC</b>				
HDPE	94.00	286.30	0.00	380.30
LDPE	0.00	0.16	32.50	32.66
PET	0.00	128.69	0.00	128.69
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.60	0.00	0.60
Commingled PET and HDPE	255.00	30.30	0.00	285.30
Mixed Plastic	33.00	314.54	0.10	347.64
<b>TOTAL PLASTIC</b>	<b>382.00</b>	<b>760.58</b>	<b>32.60</b>	<b>1,175.18</b>
<b>BANNED ITEMS</b>				
Appliances	25.00	539.79	0.16	564.95
Electronics	324.00	1,988.66	1.85	2,314.51
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,134.05	1,197.37	1.00	2,332.42
Tires (automobiles, trucks, motorcycles)	2,157.38	176.43	1.66	2,335.47
Used Motor Oil (automobiles, trucks, motorcycles)	95.90	—	—	95.90
Yard Trimmings	6,500.00	1,296.26	0.00	7,796.26
<b>TOTAL BANNED ITEMS</b>	<b>10,236.33</b>	<b>5,198.50</b>	<b>4.67</b>	<b>15,439.50</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	15.58	0.00	15.58
Cooking Oil/Grease	0.00	21.99	0.00	21.99
Fluorescent Bulbs	0.00	13.93	1.22	15.15
Food Scraps	0.00	0.40	0.00	0.40
Household Hazardous Materials	2,161.00	0.00	0.00	2,161.00
Inkjet/Toner Cartridges	2.00	17.10	1.01	20.10
Mattresses	37.10	0.00	0.00	37.10
Paint	0.00	6.43	0.07	6.50
Rechargeable Batteries	0.00	3.23	0.05	3.28
Textiles (recycled – not donated for reuse)	0.00	60.37	0.00	60.37
Used Motor Oil Filters	2.00	31.67	6.20	39.87
Wood Packaging (pallets, crates, barrels)	3.00	303.11	637.50	943.61
Other Items	0.00	52.84	24.00	76.84
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>2,205.10</b>	<b>526.23</b>	<b>670.04</b>	<b>3,401.37</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>11,934.00</b>	<b>128.78</b>	<b>0.00</b>	<b>12,062.78</b>
<b>TOTAL FOR ALL</b>	<b>26,827.43</b>	<b>45,989.36</b>	<b>3,649.82</b>	<b>76,466.61</b>

# SALUDA COUNTY

**TABLE 8.85: 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)
19,893	7	1	8.6	0.20	731.45	2.1	7,737

**TABLE 8.86: 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	0.00	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	2.75	0.00	0.00	2.75
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	0.00	0.00	0.00
Mixed Scrap Metal	89.60	0.00	0.00	89.60
<b>TOTAL METAL</b>	<b>92.35</b>	<b>0.00</b>	<b>0.00</b>	<b>92.35</b>
<b>PAPER</b>				
Cardboard	56.29	0.00	0.00	56.29
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	63.20	0.00	0.00	63.20
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	73.01	0.00	0.00	73.01
<b>TOTAL PAPER</b>	<b>192.50</b>	<b>0.00</b>	<b>0.00</b>	<b>192.50</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	0.00	0.00
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 and HDPE	16.97	0.00	0.00	16.97
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>16.97</b>	<b>0.00</b>	<b>0.00</b>	<b>16.97</b>
<b>BANNED ITEMS</b>				
Appliances	22.40	0.00	0.00	22.40
Electronics	58.68	4.36	0.00	63.04
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	48.47	47.89	0.00	96.36
Tires (automobiles, trucks, motorcycles)	188.16	0.00	0.00	188.16
Used Motor Oil (automobiles, trucks, motorcycles)	26.05	—	—	26.05
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>343.76</b>	<b>52.25</b>	<b>0.00</b>	<b>396.01</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.00	0.00
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>33.62</b>	<b>0.00</b>	<b>0.00</b>	<b>33.62</b>
<b>TOTAL FOR ALL</b>	<b>679.20</b>	<b>52.25</b>	<b>0.00</b>	<b>731.45</b>

# SPARTANBURG COUNTY

**TABLE 8.87: 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)
288,745	22	2	31.7	1.69	89,299.90	3.7	192,507

**TABLE 8.88: Spartanburg County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	0.00	0.00	1.08	1.08
Containers & Packaging - Clear	0.00	1.86	2.53	4.39
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.00	102.14	102.14
<b>TOTAL GLASS</b>	<b>0.00</b>	<b>1.86</b>	<b>105.75</b>	<b>107.61</b>
<b>METAL</b>				
Aluminum Cans	0.00	6.35	0.43	6.78
Ferrous, Magnetic	0.00	15,907.00	1,415.85	17,322.85
Non-Ferrous, Non-magnetic	0.00	618.39	3.00	621.39
Steel Cans	0.00	17.27	0.00	17.27
Mixed Scrap Metal	841.17	2,828.18	20.84	3,690.19
<b>TOTAL METAL</b>	<b>841.17</b>	<b>19,377.19</b>	<b>1,440.12</b>	<b>21,658.48</b>
<b>PAPER</b>				
Cardboard	271.59	15,670.84	325.57	16,268.00
Magazines	0.00	1.00	1.50	2.50
Newspaper and Inserts	0.00	2.24	0.02	2.26
Office Paper	0.00	288.94	26.05	314.99
Paperboard	0.00	0.25	0.00	0.25
Phone Books	0.00	0.26	0.06	0.31
Mixed Paper	2,641.90	15,539.17	6,008.22	24,189.29
<b>TOTAL PAPER</b>	<b>2,913.49</b>	<b>31,502.69</b>	<b>6,361.41</b>	<b>40,777.59</b>
<b>PLASTIC</b>				
HDPE	0.00	11.51	0.00	11.51
LDPE	0.00	216.84	0.00	216.84
PET	0.00	20.40	0.43	20.83
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.05	0.00	0.05
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1,538.21	2,391.55	3,929.76
<b>TOTAL PLASTIC</b>	<b>0.00</b>	<b>1,787.01</b>	<b>2,391.98</b>	<b>4,178.99</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	620.00	0.00	620.00
Electronics	519.31	88.06	56.20	663.56
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	711.46	840.56	12.37	1,564.39
Tires (automobiles, trucks, motorcycles)	2,113.06	0.05	0.00	2,113.11
Used Motor Oil (automobiles, trucks, motorcycles)	148.93	—	—	148.93
Yard Trimmings	4.25	78.56	40.00	122.81
<b>TOTAL BANNED ITEMS</b>	<b>3,497.01</b>	<b>1,627.22</b>	<b>108.57</b>	<b>5,232.80</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	10.12	0.29	1.69	12.10
Cooking Oil/Grease	0.00	0.09	0.00	0.09
Fluorescent Bulbs	0.40	4.52	6.09	11.01
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	12.15	0.00	0.00	12.15
Inkjet/Toner Cartridges	0.00	0.26	0.34	0.60
Mattresses	0.00	0.00	0.00	0.00
Paint	8.81	0.02	31.70	40.53
Rechargeable Batteries	0.00	1.49	1.31	2.80
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	8.22	0.00	0.00	8.22
Wood Packaging (pallets, crates, barrels)	0.00	1,302.94	5,930.18	7,233.12
Other Items	0.35	2.00	2,563.87	2,566.22
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>40.05</b>	<b>1,311.61</b>	<b>8,535.17</b>	<b>9,886.83</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>2,585.41</b>	<b>1,554.41</b>	<b>3,317.78</b>	<b>7,457.60</b>
<b>TOTAL FOR ALL</b>	<b>9,877.13</b>	<b>57,161.99</b>	<b>22,260.78</b>	<b>89,299.90</b>



# SUMTER COUNTY

**TABLE 8.89: 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)
108,052	9	1	20.5	0.72	14,277.24	2.8	55,220

**TABLE 8.90: Sumter 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	498.70	0.00	0.00	498.70
<b>TOTAL GLASS</b>	<b>498.70</b>	<b>0.00</b>	<b>0.00</b>	<b>498.70</b>
<b>METAL</b>				
Aluminum Cans	12.10	0.30	0.30	12.70
Ferrous, Magnetic	11.63	0.05	0.00	11.68
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	39.26	0.00	0.00	39.26
Mixed Scrap Metal	4,165.30	0.20	0.00	4,165.50
<b>TOTAL METAL</b>	<b>4,228.29</b>	<b>0.55</b>	<b>0.30</b>	<b>4,229.14</b>
<b>PAPER</b>				
Cardboard	1,768.67	1.00	3.50	1,773.17
Magazines	0.00	0.75	0.00	0.75
Newspaper and Inserts	0.00	0.50	0.00	0.50
Office Paper	0.00	0.85	64.17	65.02
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.02	0.05	0.00	0.07
Mixed Paper	1,262.14	0.00	0.00	1,262.14
<b>TOTAL PAPER</b>	<b>3,030.83</b>	<b>3.15</b>	<b>67.67</b>	<b>3,101.65</b>
<b>PLASTIC</b>				
HDPE	29.54	0.00	0.00	29.54
LDPE	0.00	0.00	0.00	0.00
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 and HDPE	9.34	0.00	0.00	9.34
Mixed Plastic	113.69	0.10	0.00	113.79
<b>TOTAL PLASTIC</b>	<b>152.57</b>	<b>0.40</b>	<b>0.00</b>	<b>152.97</b>
<b>BANNED ITEMS</b>				
Appliances	3,628.40	0.00	0.00	3,628.40
Electronics	163.21	2.10	0.00	165.31
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	312.92	210.57	0.00	523.49
Tires (automobiles, trucks, motorcycles)	893.64	0.00	0.00	893.64
Used Motor Oil (automobiles, trucks, motorcycles)	54.10	—	—	54.10
Yard Trimmings	955.81	0.00	0.00	955.81
<b>TOTAL BANNED ITEMS</b>	<b>6,008.08</b>	<b>212.67</b>	<b>0.00</b>	<b>6,220.75</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	2.40	0.00	0.00	2.40
Cooking Oil/Grease	6.16	0.00	0.00	6.16
Fluorescent Bulbs	2.99	0.50	0.00	3.49
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.78	0.05	0.00	0.83
Mattresses	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	0.00	0.00	0.00
Used Motor Oil Filters	12.34	0.00	0.00	12.34
Wood Packaging (pallets, crates, barrels)	1.25	0.55	46.36	48.16
Other Items	0.00	0.00	0.61	0.61
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>25.92</b>	<b>1.10</b>	<b>46.97</b>	<b>73.99</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>0.00</b>	<b>0.05</b>	<b>0.00</b>	<b>0.05</b>
<b>TOTAL FOR ALL</b>	<b>13,944.39</b>	<b>217.92</b>	<b>114.93</b>	<b>14,277.24</b>

# UNION COUNTY

**TABLE 8.91: 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)
28,252	10	0	29.8	1.40	7,213.56	3.3	16,990

**TABLE 8.92: 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	19.65	0.00	0.00	19.65
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	16.87	0.00	0.00	16.87
<b>TOTAL GLASS</b>	<b>36.52</b>	<b>0.00</b>	<b>0.00</b>	<b>36.52</b>
<b>METAL</b>				
Aluminum Cans	0.53	0.00	0.00	0.53
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	0.00	0.00	0.00
Mixed Scrap Metal	126.52	0.00	0.00	126.52
<b>TOTAL METAL</b>	<b>127.05</b>	<b>0.00</b>	<b>0.00</b>	<b>127.05</b>
<b>PAPER</b>				
Cardboard	171.21	6,215.80	0.00	6,387.01
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	148.37	107.17	0.00	255.54
<b>TOTAL PAPER</b>	<b>319.58</b>	<b>6,322.97</b>	<b>0.00</b>	<b>6,642.55</b>
<b>PLASTIC</b>				
HDPE	9.34	0.00	0.00	9.34
LDPE	0.00	0.00	0.00	0.00
PET	11.39	0.00	0.00	11.39
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>20.73</b>	<b>0.00</b>	<b>0.00</b>	<b>20.73</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	60.45	0.00	0.00	60.45
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	69.21	67.67	0.00	136.88
Tires (automobiles, trucks, motorcycles)	137.87	0.00	0.00	137.87
Used Motor Oil (automobiles, trucks, motorcycles)	13.22	—	—	13.22
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>280.75</b>	<b>67.67</b>	<b>0.00</b>	<b>348.42</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.11	0.00	0.00	1.11
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.08	0.00	0.00	0.08
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.10	0.00	0.00	1.10
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Other Items	36.00	0.00	0.00	36.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>38.29</b>	<b>0.00</b>	<b>0.00</b>	<b>38.29</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>822.92</b>	<b>6,390.64</b>	<b>0.00</b>	<b>7,213.56</b>

# WILLIAMSBURG COUNTY

**TABLE 8.93: 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)
33,620	20	1	19.2	0.27	1,655.50	1.1	6,971

**TABLE 8.94: 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	0.00	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	0.50	0.00	0.50
Ferrous, Magnetic	0.00	10.00	0.00	10.00
Non-Ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	139.70	139.70
Mixed Scrap Metal	54.57	0.00	0.00	54.57
<b>TOTAL METAL</b>	<b>54.57</b>	<b>10.50</b>	<b>139.70</b>	<b>204.77</b>
<b>PAPER</b>				
Cardboard	59.40	22.00	17.83	99.23
Magazines	0.00	0.00	0.00	0.00
Newspaper and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	10.00	0.00	10.00
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	1.00	0.00	1.00
Mixed Paper	20.89	2.00	0.00	22.89
<b>TOTAL PAPER</b>	<b>80.29</b>	<b>35.00</b>	<b>17.83</b>	<b>133.12</b>
<b>PLASTIC</b>				
HDPE	0.00	0.00	210.35	210.35
LDPE	0.00	0.00	0.00	0.00
PET	5.65	0.00	0.00	5.65
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 and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.00	0.00
<b>TOTAL PLASTIC</b>	<b>5.65</b>	<b>0.00</b>	<b>210.35</b>	<b>216.00</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	0.00	0.00
Electronics	64.55	27.32	0.75	92.62
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	81.44	81.44	0.00	162.88
Tires (automobiles, trucks, motorcycles)	728.52	0.00	0.00	728.52
Used Motor Oil (automobiles, trucks, motorcycles)	40.93	—	—	40.93
Yard Trimmings	0.00	0.00	0.00	0.00
<b>TOTAL BANNED ITEMS</b>	<b>915.44</b>	<b>108.76</b>	<b>0.75</b>	<b>1,024.95</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.00	0.00
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	6.42	0.25	0.00	6.67
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.01	0.01
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.56	0.00	0.00	3.56
Wood Packaging (pallets, crates, barrels)	0.00	0.50	65.93	66.43
Other Items	0.00	0.00	0.00	0.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>9.98</b>	<b>0.75</b>	<b>65.94</b>	<b>76.67</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>1,065.93</b>	<b>155.01</b>	<b>434.56</b>	<b>1,655.50</b>

# YORK COUNTY

**TABLE 8.95: 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)
234,635	25	6	26.2	1.74	74,456.19	4.9	210,271

**TABLE 8.96: York County MSW Recycling Data in Tons**

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
<b>GLASS</b>				
Containers & Packaging - Brown	190.43	0.00	325.00	515.43
Containers & Packaging - Clear	254.78	0.00	0.00	254.78
Containers & Packaging - Green	151.55	0.00	0.00	151.55
Containers & Packaging - Mixed	0.00	0.00	0.00	0.00
<b>TOTAL GLASS</b>	<b>596.76</b>	<b>0.00</b>	<b>325.00</b>	<b>921.76</b>
<b>METAL</b>				
Aluminum Cans	41.93	3.13	109.93	154.99
Ferrous, Magnetic	1,908.78	29.19	10,095.08	12,033.05
Non-Ferrous, Non-magnetic	10.25	0.50	0.00	10.75
Steel Cans	15.76	0.00	64.63	80.39
Mixed Scrap Metal	68.06	145.14	2,005.79	2,218.99
<b>TOTAL METAL</b>	<b>2,044.78</b>	<b>177.96</b>	<b>12,275.43</b>	<b>14,498.17</b>
<b>PAPER</b>				
Cardboard	3,084.92	14,035.23	1,333.73	18,453.88
Magazines	776.84	3.41	1.27	781.52
Newspaper and Inserts	905.68	2.33	2.59	910.60
Office Paper	29.18	220.32	77.73	327.23
Paperboard	0.00	0.00	0.50	0.50
Phone Books	0.00	3.28	0.49	3.77
Mixed Paper	455.45	75.90	23.48	554.83
<b>TOTAL PAPER</b>	<b>5,252.07</b>	<b>14,340.47</b>	<b>1,439.79</b>	<b>21,032.33</b>
<b>PLASTIC</b>				
HDPE	46.61	0.01	8.40	55.02
LDPE	0.00	0.00	0.00	0.00
PET	105.99	0.01	155.43	261.43
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 and HDPE	122.99	0.00	3.00	125.99
Mixed Plastic	1.51	252.97	394.17	648.65
<b>TOTAL PLASTIC</b>	<b>277.10</b>	<b>252.99</b>	<b>560.99</b>	<b>1,091.08</b>
<b>BANNED ITEMS</b>				
Appliances	0.00	0.00	4,000.05	4,000.05
Electronics	769.18	57.02	8.80	834.99
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	576.49	596.54	500.38	1,673.41
Tires (automobiles, trucks, motorcycles)	1,520.38	107.33	304.21	1,931.92
Used Motor Oil (automobiles, trucks, motorcycles)	182.86	—	—	182.86
Yard Trimmings	19,877.58	1,250.00	10.00	21,137.58
<b>TOTAL BANNED ITEMS</b>	<b>22,926.49</b>	<b>2,010.89</b>	<b>4,823.44</b>	<b>29,760.81</b>
<b>MISCELLANEOUS ITEMS</b>				
Antifreeze	5.08	9.67	2.23	16.98
Cooking Oil/Grease	22.00	4.07	0.99	27.06
Fluorescent Bulbs	667.02	3.00	5.56	675.58
Food Scraps	0.00	0.00	0.00	0.00
Household Hazardous Materials	17.31	0.00	0.00	17.31
Inkjet/Toner Cartridges	55.14	5.74	6.71	67.59
Mattresses	0.00	0.00	0.00	0.00
Paint	46.12	1.08	3.00	50.20
Rechargeable Batteries	3.09	2.10	2.01	7.20
Textiles (recycled – not donated for reuse)	80.84	0.00	15.00	95.84
Used Motor Oil Filters	10.71	10.25	1.11	22.07
Wood Packaging (pallets, crates, barrels)	9.67	20.60	1,914.30	1,944.57
Other Items	0.00	4.11	49.89	54.00
<b>TOTAL MISCELLANEOUS ITEMS</b>	<b>916.98</b>	<b>60.62</b>	<b>2,000.79</b>	<b>2,978.40</b>
<b>COMMINGLED RECYCLABLES</b>				
<b>TOTAL COMMINGLED RECYCLABLES</b>	<b>4,130.47</b>	<b>35.42</b>	<b>7.76</b>	<b>4,173.65</b>
<b>TOTAL FOR ALL</b>	<b>36,144.65</b>	<b>16,878.34</b>	<b>21,433.20</b>	<b>74,456.19</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 report annually the amount and type of solid waste disposed of to the S.C. Department of Health and Environmental Control.

This section focuses on disposal of both municipal solid waste (MSW) and total solid waste (TSW) as defined in Section 2. For the purposes of this report, the terms solid waste and TSW are interchangeable. In addition, as required by the Act, the focus of this report is on MSW.

In fiscal year (FY) 2013 (July 1, 2012 to June 30, 2013) there were 410 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,

*In FY13, there were 410 permitted solid waste facilities in South Carolina.*

174 were landfills. There are three types of landfill classifications – each of which accepts specific types of solid waste. See Table 9.1.

The amount of material disposed of in both Class 1 and Class 2 landfills increased in FY13. In Class 1 landfills, 75,003 tons of land-clearing debris were disposed of – an increase of 2,335 tons from FY12. See Table 9.12 for FY13 disposal totals by county.

**TABLE 9.1: S.C. Landfill Classifications**

TYPE	NUMBER OF FACILITIES IN FY13	MATERIAL ACCEPTED
Class 1	56	Land-clearing debris
Class 2	93	Construction and demolition (C&D) debris
Class 3	25	MSW, C&D debris and industrial solid waste





Class 2 landfill disposal increased for the first time in the past four years. In FY13, more than 3.2 million tons of C&D debris were disposed of – an increase of about 15 percent from FY12’s total of about 2.7 million tons. See Table 9.13 for a list of Class 2 landfills including permitted annual disposal, FY13 disposal and estimated life.

Of the 25 Class 3 landfills, eight were publicly owned and 17 were privately owned. The 17 privately owned landfills include seven industrial landfills (i.e., non-commercial). See Table 9.6 for a complete list of Class 3 landfills including permitted annual rate of disposal, FY13 disposal and estimated remaining life.

South Carolinians disposed of 2.9 million tons of MSW in FY13 – an increase of nearly 50,000 tons or almost 2 percent from the previous FY’s total. On average, each South Carolinian disposed of about 3.5 pounds of MSW per day – a slight increase from the 3.4 pounds per person per day the previous FY.

TSW disposal in Class 3 landfills decreased about 370,000 tons in FY13 to about 5.1 million tons. Of that amount, the majority (about 4 million tons or 79 percent) was disposed of in the 17 privately owned Class 3 landfills. The remainder (about 1.1 million tons or 21 percent) was disposed of in the state’s eight publicly owned Class 3 landfills.

Lee County Landfill, Oakridge Landfill, Richland Landfill and Upstate Regional Landfill accepted more than half (about 3 million tons or 55 percent) of the TSW disposed of in privately owned Class 3 landfills. Of those four landfills, Richland Landfill accepted nearly one third (more than 944,000 tons). See Tables 9.6 through 9.9 for an overview of disposal data.

## Import and Export of Solid Waste

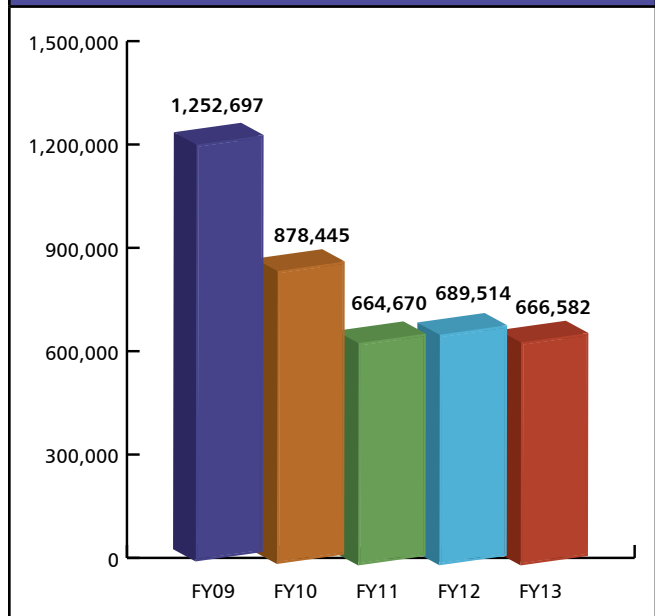
The amount of out-of-state solid waste disposed of in South Carolina in FY13 was 666,582 tons – a

**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 Class 3 Landfill tipping fee was \$39 per ton in FY13, up \$1 from the previous FY. In addition, the average tipping fee for Class 2 disposal was \$26 in FY13 – no change from the previous FY. The average tipping fee for Class 1 disposal was \$15. Tipping fee data for Class 1 landfills had not been reported in previous years.

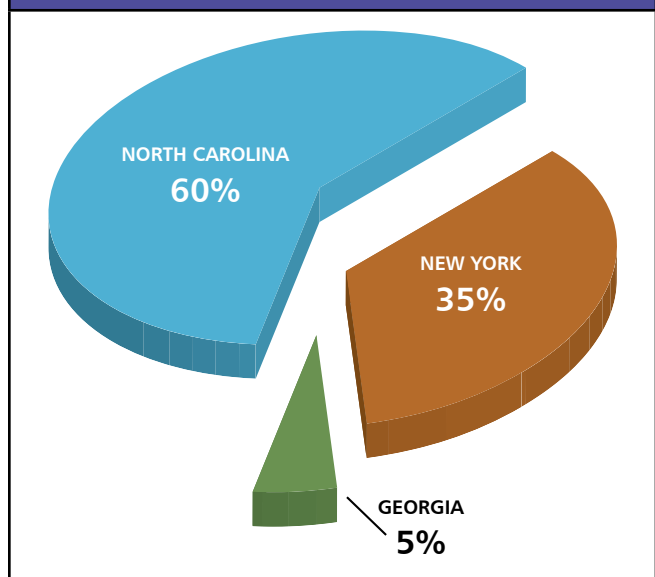
decrease of nearly 3 percent from the previous FY. (See Chart 9.2.) Overall, this represents about 8 percent of the total amount of solid waste disposed of in the state.

In FY13, the vast majority of out-of-state solid waste was disposed of in three Class 3 landfills – Lee County Landfill, Palmetto Landfill and Upstate Regional

**CHART 9.2: Solid Waste Imported into South Carolina by FY in Tons**



**CHART 9.3: Solid Waste Imported by State as a Percentage of All Solid Waste Imported into South Carolina in FY13**



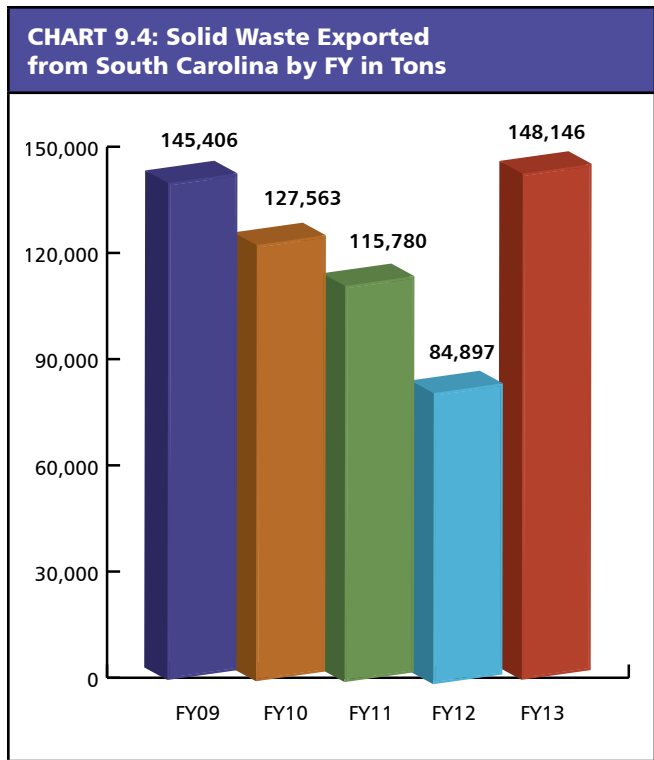


Landfill. (See Table 9.5.) Georgia, New York and North Carolina exported solid waste to South Carolina in FY13. New York and North Carolina combined for about 95 percent (more than 581,000 tons) of the total amount of solid waste imported to the state. (See Chart 9.3 and Table 9.5.)

South Carolina exported 148,146 tons of solid waste in FY13 – an increase of nearly 75 percent from the previous FY (84,897 tons). This number can vary depending on the number of out-of-state landfills that report.

*South Carolina exported 148,146 tons of solid waste in FY13 – an increase of 75 percent from the previous FY.*

Nine counties (Anderson, Chester, Chesterfield, Lancaster, Marlboro, Oconee, Pickens, Spartanburg and York) accounted for all of the exported waste, which was sent to Georgia and North Carolina landfills. (See Chart 9.4.)



**TABLE 9.5: Solid Waste Imported into South Carolina in Tons in FY13**

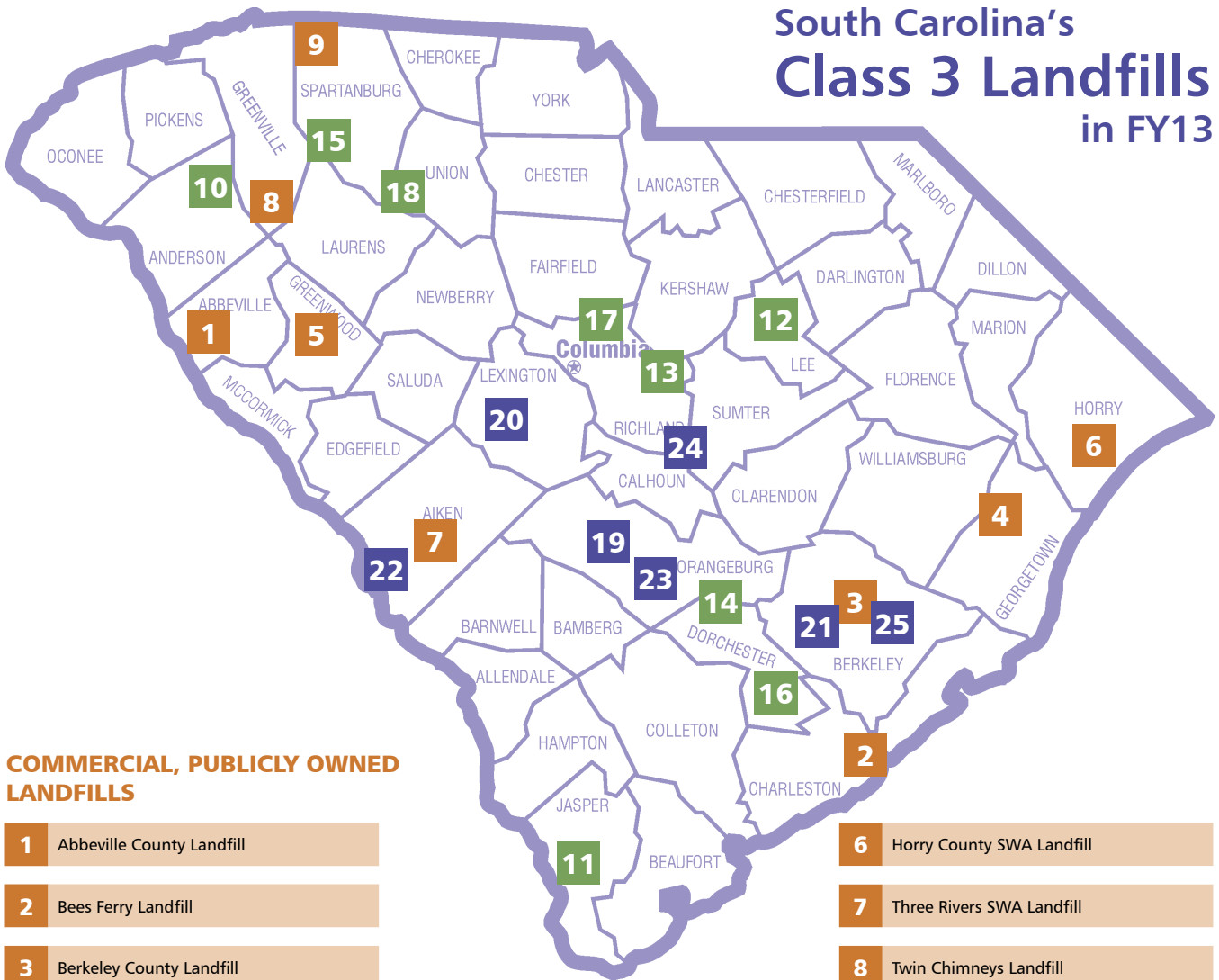
ORIGIN	ABBEVILLE COUNTY LANDFILL Abbeville County	HICKORY HILL LANDFILL Jasper County	LEE COUNTY LANDFILL, LLC	OAKRIDGE LANDFILL Dorchester County	PALMETTO LANDFILL Spartanburg County	RICHLAND LANDFILL Richland County	THREE RIVERS SWA <sup>1</sup> LANDFILL Aiken County	UPSTATE REGIONAL LANDFILL Union County	TOTAL IMPORTED SOLID WASTE DISPOSED OF IN S.C. LANDFILLS
Georgia	175	5,311	0	93	0	1,198	25,259	0	32,036
New York	0	0	212,736	0	0	0	0	0	212,736
North Carolina	0	647	2,099	0	128,732	93,560	0	143,671	368,709
Miscellaneous <sup>2</sup>	0	0	0	0	0	0	0	0	53,101
<b>TOTAL WASTE FROM OUT OF STATE</b>	<b>175</b>	<b>5,957</b>	<b>214,835</b>	<b>93</b>	<b>128,732</b>	<b>94,758</b>	<b>25,259</b>	<b>143,671</b>	<b>666,582</b>

1. Solid Waste Authority

2. This represents solid waste imported from Georgia (34,713 tons) and North Carolina (18,388 tons) and disposed of in Class 1 and Class 2 landfills or through incineration. Of the solid waste imported from Georgia, 188 tons of land-clearing debris were disposed of through incineration.

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

# South Carolina's Class 3 Landfills in FY13



## COMMERCIAL, PUBLICLY OWNED LANDFILLS

1	Abbeville County Landfill	6	Horry County SWA Landfill
2	Bees Ferry Landfill	7	Three Rivers SWA Landfill
3	Berkeley County Landfill	8	Twin Chimneys Landfill
4	Georgetown County Landfill	9	Wellford Landfill
5	Greenwood County Landfill		

## COMMERCIAL, PRIVATELY OWNED LANDFILLS

10	Anderson Regional Landfill	13	Northeast Landfill, LLC	16	Pepperhill Landfill
11	Hickory Hill Landfill	14	Oakridge Landfill	17	Richland Landfill
12	Lee County Landfill, LLC	15	Palmetto Landfill	18	Upstate Regional Landfill

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

19	Albemarle Corp. Landfill	21	Santee Cooper – Cross	23	SCE&G – Cope
20	CMC Landfill	22	Savannah River Site Z-Area Landfill	24	SCE&G – Wateree Landfill
				25	SCE&G – Williams Hwy. 52 Landfill

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 9.6: Class 3 Remaining Capacity & Disposal in Tons**

NAME OF CLASS 3 LANDFILL	COUNTY	LANDFILL OWNERSHIP	PERMITTED ANNUAL RATE OF DISPOSAL	FY13 DISPOSAL	ESTIMATED REMAINING CAPACITY OF FACILITY	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>COMMERCIAL LANDFILLS</b>							
Abbeville County Landfill	Abbeville	Public	46,000	16,898	938,652	20.4	55.5
Anderson Regional Landfill	Anderson	Private	438,000	194,645	5,771,485	13.2	29.7
Bees Ferry Landfill (Charleston)	Charleston	Public	316,709	148,320	5,242,519	16.6	35.3
Berkeley County Landfill	Berkeley	Public	1,000,000	205,235	5,417,625	5.4	26.4
Georgetown County Landfill	Georgetown	Public	79,582	59,860	688,421	8.7	11.5
Greenwood County Landfill	Greenwood	Public	150,000	73,833	1,951,240	13.0	26.4
Hickory Hill Landfill	Jasper	Private	302,000	179,367	2,229,988	7.4	12.4
Horry County SWA Landfill	Horry	Public	300,000	225,602	1,683,636	5.6	7.5
Lee County Landfill, LLC	Lee	Private	1,944,939	424,023	23,964,256	12.3	56.5
Northeast Landfill, LLC	Richland	Private	529,600	170,299	7,875,829	14.9	46.2
Oakridge Landfill	Dorchester	Private	1,144,000	564,571	3,606,862	3.2	6.4
Palmetto Landfill	Spartanburg	Private	1,200,000	272,441	375,120	0.3	1.4
Pepperhill Landfill	Dorchester	Private	214,500	49	242,269	1.1	4,964.5
Richland Landfill	Richland	Private	988,209	944,580	30,511,776	30.9	32.3
Three Rivers SWA Landfill	Aiken	Public	500,000	236,917	36,660,896	73.3	154.7
Twin Chimneys Landfill	Greenville	Private	500,000	260,528	28,670,597	57.3	110.0
Upstate Regional Landfill	Union	Private	730,000	712,390	3,984,463	5.5	5.6
Wellford Landfill	Spartanburg	Public	260,000	112,856	734,281	2.8	6.5
<b>STATE TOTALS</b>	—	—	<b>10,643,539</b>	<b>4,802,413</b>	<b>160,549,915</b>	<b>15.1<sup>1</sup></b>	<b>33.4<sup>1</sup></b>
<b>NON-COMMERCIAL PRIVATE LANDFILLS</b>							
Albemarle Corp.	Orangeburg	Private	N/A	3,430	320,769	N/A	93.5
CMC	Lexington	Private	150,000	49,424	1,618,360	10.8	32.7
Santee Cooper – Cross	Berkeley	Private	N/A	N/A	N/A	N/A	N/A
SCE&G-Cope	Orangeburg	Private	N/A	N/A	N/A	N/A	N/A
SCE&G-Wateree	Richland	Private	N/A	159,431	N/A	N/A	N/A
SCE&G-Williams Hwy. 52	Berkeley	Private	N/A	80,334	N/A	N/A	N/A
SRS Z-Area	Aiken	Private	36,000	24,685	N/A	N/A	N/A
<b>STATE TOTALS</b>	—	—	<b>186,000</b>	<b>292,619</b>	<b>1,939,129</b>	<b>N/A</b>	<b>N/A</b>

1. Average

**TABLE 9.7: Class 3 Landfill Disposal Trends in Tons, FY09 to FY13**

CLASS 3 LANDFILL	LANDFILL OWNERSHIP	COUNTY	FY09	FY10	FY11	FY12	FY13
Abbeville County Landfill	Public	Abbeville	15,083	12,936	16,098	17,118	16,898
Albemarle Corp. Landfill	Private	Orangeburg	—	25,062	17,540	20,249	3,430
Anderson Regional Landfill	Private	Anderson	236,757	166,751	183,298	205,313	194,645
Bees Ferry Landfill	Public	Charleston	147,479	158,095	149,159	147,544	148,320
Berkeley County Landfill	Public	Berkeley	196,573	187,589	169,620	193,151	205,235
CMC Landfill	Private	Lexington	116,706	82,489	101,381	100,057	49,424
Georgetown County Landfill	Public	Georgetown	41,822	45,950	47,192	54,511	59,860
Greenwood County Landfill	Public	Greenwood	79,554	84,608	61,898	65,095	73,833
Hickory Hill Landfill	Private	Jasper	232,689	194,789	192,371	188,677	179,367
Horry County SWA Landfill	Public	Horry	233,958	228,611	227,439	222,341	225,602
Lee County Landfill, LLC	Private	Lee	1,141,707	646,908	514,885	475,898	424,023
Northeast Landfill, LLC	Private	Richland	117,045	175,504	173,566	187,259	170,299
Oakridge Landfill	Private	Dorchester	470,784	564,378	643,591	794,144	564,571
Palmetto Landfill	Private	Spartanburg	474,882	389,940	394,091	291,086	272,441
Pepperhill Landfill	Private	Dorchester	16,541	109	99	47	49
Richland Landfill	Private	Richland	823,346	956,061	888,984	895,005	944,580
Santee Cooper – Cross	Private	Berkeley	—	—	—	—	—
SCE&G – Cope	Private	Orangeburg	—	—	—	—	—
SCE&G – Wateree Landfill	Private	Richland	—	14,907	110,251	88,783	159,431
SCE&G – Williams Hwy. 52 Landfill	Private	Berkeley	—	0	140,677	46,771	80,334
Savannah River Site Z-Area Landfill	Private	Aiken	14,600	12,859	20,060	11,633	24,685
Three Rivers SWA Landfill	Public	Aiken	262,294	249,744	267,081	267,144	236,917
Twin Chimneys Landfill	Public	Greenville	199,473	208,789	214,639	228,793	260,528
Upstate Regional Landfill	Private	Union	512,357	669,121	777,941	793,012	712,390
Wellford Landfill	Public	Spartanburg	121,394	114,830	151,725	110,958	112,856

NOTE: This table only includes Class 3 landfills that were active in FY13.

**TABLE 9.8: 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 LANDFILL	GEORGETOWN COUNTY LANDFILL	GREENWOOD COUNTY LANDFILL	HICKORY HILL LANDFILL	HORRY COUNTY SWA LANDFILL	LEE COUNTY LANDFILL, LLC	NORTHEAST LANDFILL, LLC	OAKRIDGE LANDFILL
Abbeville	15,795	0	0	0	0	0	0	0	0	0	0	0	0
Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0
Allendale	0	0	0	0	0	0	0	0	29	0	0	0	0
Anderson	926	0	94,950	0	0	0	0	0	0	0	0	0	0
Bamberg	0	0	0	0	0	0	0	0	0	0	0	0	0
Barnwell	0	0	0	0	0	0	0	0	0	0	0	0	248
Beaufort	0	0	0	13	0	0	0	0	141,763	0	0	0	0
Berkeley	0	0	0	166,926	17	0	0	0	0	0	0	0	154,072
Calhoun	0	0	0	0	0	0	0	0	0	0	0	7,032	0
Charleston	0	0	0	37,965	148,273	0	0	0	0	0	0	4	229,904
Cherokee	0	0	21	0	0	0	0	0	0	0	0	0	0
Chester	0	0	0	0	0	0	0	0	0	0	0	424	0
Chesterfield	0	0	0	0	0	0	0	0	0	0	8,659	0	0
Clarendon	0	0	0	0	0	0	0	0	0	0	541	0	163
Colleton	0	0	0	33	3	0	0	0	143	0	0	0	32,233
Darlington	0	0	0	0	0	0	0	0	0	0	37,211	0	0
Dillon	0	0	0	0	0	0	0	0	0	0	19,829	0	0
Dorchester	0	0	0	285	27	0	0	0	0	0	0	0	79,034
Edgefield	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	4,342	0
Florence	0	0	0	0	0	0	0	0	0	0	54,720	15	0
Georgetown	0	0	0	0	0	0	59,860	0	130	10	0	0	1,181
Greenville	0	0	77,878	0	0	0	0	0	0	0	0	0	0
Greenwood	1	0	5	0	0	0	0	73,833	0	0	0	0	0
Hampton	0	0	0	0	0	0	0	0	11,639	0	0	25	0
Horry	0	0	0	0	0	0	0	0	0	225,592	98	0	0
Jasper	0	0	0	0	0	0	0	0	19,706	0	0	0	0
Kershaw	0	0	0	0	0	0	0	0	0	0	12,249	4,955	0
Lancaster	0	0	0	0	0	0	0	0	0	0	26,890	26	0
Laurens	0	0	22	0	0	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0	0	0	11,289	0	0
Lexington	0	0	0	0	0	49,424	0	0	0	0	8	71,939	1
Marion	0	0	0	0	0	0	0	0	0	0	9,573	0	0
Marlboro	0	0	0	0	0	0	0	0	0	0	13,840	0	0
McCormick	0	0	0	0	0	0	0	0	0	0	0	0	0
Newberry	0	0	0	0	0	0	0	0	0	0	0	1,166	0
Oconee	0	0	529	0	0	0	0	0	0	0	0	14	0
Orangeburg	0	3,430	0	13	0	0	0	0	0	0	0	2,997	63,537
Pickens	0	0	3,185	0	0	0	0	0	0	0	0	0	0
Richland	0	0	0	0	0	0	0	0	0	0	0	76,506	5
Saluda	0	0	0	0	0	0	0	0	0	0	0	42	0
Spartanburg	0	0	17,044	0	0	0	0	0	0	0	0	0	0
Sumter	0	0	0	0	0	0	0	0	0	0	9,980	0	1
Union	0	0	1,012	0	0	0	0	0	0	0	0	0	0
Williamsburg	0	0	0	0	0	0	0	0	0	0	4,301	0	4,100
York	0	0	0	0	0	0	0	0	0	0	0	814	0
<b>S.C. COUNTIES TOTAL ONLY</b>	<b>16,723</b>	<b>3,430</b>	<b>194,645</b>	<b>205,235</b>	<b>148,320</b>	<b>49,424</b>	<b>59,860</b>	<b>73,833</b>	<b>173,409</b>	<b>225,602</b>	<b>209,188</b>	<b>170,299</b>	<b>564,478</b>
Georgia	175	0	0	0	0	0	0	0	5,311	0	0	0	93
New York	0	0	0	0	0	0	0	0	0	0	212,736	0	0
North Carolina	0	0	0	0	0	0	0	0	647	0	2,099	0	0
<b>OUT-OF-STATE TOTAL ONLY</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,957</b>	<b>0</b>	<b>214,835</b>	<b>0</b>	<b>93</b>
<b>TOTAL WASTE DISPOSED OF AT FACILITY</b>	<b>16,898</b>	<b>3,430</b>	<b>194,645</b>	<b>205,235</b>	<b>148,320</b>	<b>49,424</b>	<b>59,860</b>	<b>73,833</b>	<b>179,367</b>	<b>225,602</b>	<b>424,023</b>	<b>170,299</b>	<b>564,571</b>

Continued on the following page

**TABLE 9.8: Disposal at Commercial and Non-commercial Class 3 Landfills in Tons (continued)**

COUNTY OR STATE OF ORIGIN	PALMETTO LANDFILL	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	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	39	0	45	0	0	0	0	0	0	1,034	504	0	17,416	0
Aiken	0	0	42	0	0	0	0	24,685	109,997	0	0	0	134,724	0
Allendale	0	0	5	0	0	0	0	0	5,310	0	0	0	5,344	0
Anderson	135	0	0	0	0	0	0	0	0	830	349	0	97,190	13,805
Bamberg	0	0	0	0	0	0	0	0	8,413	0	1,196	0	9,610	0
Barnwell	0	0	235	0	0	0	0	0	13,700	0	0	0	14,184	0
Beaufort	0	0	9	0	0	0	0	0	0	0	0	0	141,785	0
Berkeley	0	0	0	0	0	0	80,334	0	0	0	0	0	401,350	0
Calhoun	0	0	12,296	0	0	0	0	0	4,598	0	0	0	23,926	0
Charleston	0	49	27	0	0	0	0	0	0	0	0	0	416,222	0
Cherokee	124	0	0	0	0	0	0	0	0	0	86,362	0	86,507	0
Chester	160	0	17,827	0	0	0	0	0	0	0	2,445	0	20,855	90
Chesterfield	0	0	7,343	0	0	0	0	0	0	0	0	0	16,002	0
Clarendon	0	0	12,946	0	0	0	0	0	0	0	0	0	13,649	0
Colleton	10	0	0	0	0	0	0	0	0	0	0	0	32,421	0
Darlington	0	0	3,017	0	0	0	0	0	0	0	0	0	40,227	0
Dillon	0	0	176	0	0	0	0	0	0	0	0	0	20,006	0
Dorchester	2,024	0	0	0	0	0	0	0	0	0	0	0	81,370	0
Edgefield	0	0	36	0	0	0	0	0	11,240	1,138	17	0	12,431	0
Fairfield	0	0	19,996	0	0	0	0	0	0	0	0	0	24,338	0
Florence	0	0	85,817	0	0	0	0	0	0	0	0	0	140,552	0
Georgetown	0	0	3	0	0	0	0	0	0	0	0	0	61,184	0
Greenville	30,493	0	6	0	0	0	0	0	0	197,659	227,102	0	533,138	0
Greenwood	373	0	17	0	0	0	0	0	0	10,667	10,539	0	95,435	0
Hampton	0	0	0	0	0	0	0	0	0	0	0	0	11,664	0
Horry	0	0	53	0	0	0	0	0	0	0	0	0	225,744	0
Jasper	0	0	0	0	0	0	0	0	0	0	0	0	19,706	0
Kershaw	0	0	19,690	0	0	0	0	0	0	0	0	0	36,894	0
Lancaster	0	0	155	0	0	0	0	0	0	0	33	0	27,103	391
Laurens	150	0	10	0	0	0	0	0	0	1,871	28,876	0	30,929	0
Lee	0	0	77,926	0	0	0	0	0	0	0	0	0	89,214	0
Lexington	14	0	134,569	0	0	0	0	0	0	0	1,031	0	256,987	0
Marion	0	0	7,003	0	0	0	0	0	0	0	0	0	16,576	0
Marlboro	0	0	3,196	0	0	0	0	0	0	0	0	0	17,036	46
McCormick	0	0	21	0	0	0	0	0	2,851	846	497	0	4,215	0
Newberry	8	0	493	0	0	0	0	0	0	1,418	37,338	0	40,422	0
Oconee	2,169	0	3	0	0	0	0	0	0	0	915	0	3,629	40,027
Orangeburg	0	0	181	0	0	0	0	0	47,824	0	0	0	117,982	0
Pickens	5,233	0	0	0	0	0	0	0	0	37,049	923	0	46,390	5,548
Richland	0	0	254,300	0	0	159,431	0	0	0	0	0	0	490,241	0
Saluda	0	0	80	0	0	0	0	0	7,725	0	205	0	8,052	0
Spartanburg	102,428	0	4	0	0	0	0	0	0	8,018	149,130	112,856	389,479	3
Sumter	0	0	66,672	0	0	0	0	0	0	0	0	0	76,653	0
Union	2	0	2	0	0	0	0	0	0	0	17,715	0	18,731	0
Williamsburg	0	0	2,775	0	0	0	0	0	0	0	0	0	11,176	0
York	347	0	122,847	0	0	0	0	0	0	0	3,542	0	127,549	88,236
<b>S.C. COUNTIES TOTAL ONLY</b>	<b>143,708</b>	<b>49</b>	<b>849,823</b>	<b>0</b>	<b>0</b>	<b>159,431</b>	<b>80,334</b>	<b>24,685</b>	<b>211,658</b>	<b>260,528</b>	<b>568,718</b>	<b>112,856</b>	<b>4,506,236</b>	<b>148,146</b>
Georgia	0	0	1,198	0	0	0	0	0	25,259	0	0	0	32,036	—
New York	0	0	0	0	0	0	0	0	0	0	0	0	212,736	—
North Carolina	128,732	0	93,560	0	0	0	0	0	0	0	143,671	0	368,709	—
<b>OUT-OF-STATE TOTAL ONLY</b>	<b>128,732</b>	<b>0</b>	<b>94,758</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>25,259</b>	<b>0</b>	<b>143,671</b>	<b>0</b>	<b>613,481</b>	<b>—</b>
<b>TOTAL WASTE DISPOSED OF AT FACILITY</b>	<b>272,441</b>	<b>49</b>	<b>944,580</b>	<b>0</b>	<b>0</b>	<b>159,431</b>	<b>80,334</b>	<b>24,685</b>	<b>236,917</b>	<b>260,528</b>	<b>712,390</b>	<b>112,856</b>	<b>5,119,717</b>	<b>148,146</b>



**TABLE 9.9: TSW Disposal in Commercial and Non-commercial Class 3 Landfills, Incinerators and Exported by Type of Waste in Tons**

COUNTY	MSW DISPOSED OF IN CLASS 3 LANDFILLS & EXPORTED FOR DISPOSAL	ASH	C&D DEBRIS (DISPOSED OF + INCINERATED)	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS, INCINERATED & EXPORTED FOR DISPOSAL
Abbeville	12,755	0	14	4,624	0	0	24	17,416
Aiken	89,343	9,281	0	7,748	0	0	28,352	134,724
Allendale	2,974	0	0	2,363	0	0	7	5,344
Anderson	84,306	0	984	18,929	0	0	6,776	110,994
Bamberg	8,413	0	0	1,196	0	0	0	9,610
Barnwell	13,633	0	0	537	0	0	13	14,184
Beaufort	125,232	0	24,421	0	0	0	12,197	161,850
Berkeley	82,935	80,764	32,713	160,223	0	0	44,714	401,350
Calhoun	8,656	136	823	14,062	0	0	250	23,926
Charleston	297,121	681	61,693	47,863	0	0	8,864	416,222
Cherokee	50,975	0	29	35,500	0	0	3	86,507
Chester	15,871	126	0	4,639	0	0	309	20,945
Chesterfield	12,783	0	0	2,930	0	0	289	16,002
Clarendon	13,402	0	0	11	0	0	237	13,649
Colleton	17,209	0	991	14,144	0	0	78	32,421
Darlington	31,058	12	0	7,825	0	0	1,332	40,227
Dillon	18,490	0	0	1,499	0	0	17	20,006
Dorchester	50,751	0	10,577	14,427	0	0	5,615	81,370
Edgefield	12,378	0	0	17	0	0	36	12,431
Fairfield	18,524	0	113	55	0	0	5,646	24,338
Florence	101,603	25	14	33,567	0	0	5,343	140,552
Georgetown	39,910	178	13,118	1,865	0	0	6,114	61,184
Greenville	384,998	58	6,956	97,658	0	0	43,468	533,138
Greenwood	61,960	0	8,817	1,026	112	0	23,520	95,435
Hampton	11,198	0	20	25	0	0	421	11,664
Horry	225,593	0	0	68	0	0	82	225,744
Jasper	10,993	11	1,635	0	0	0	8,286	20,926
Kershaw	28,033	6	345	7,908	0	0	603	36,894
Lancaster	26,838	0	308	193	0	0	155	27,494

*Continued on the following page*

**TABLE 9.9: TSW Disposal in Commercial and Non-commercial Class 3 Landfills, Incinerators and Exported by Type of Waste in Tons (continued)**

COUNTY	MSW DISPOSED OF IN CLASS 3 LANDFILLS & EXPORTED FOR DISPOSAL	ASH	C&D DEBRIS (DISPOSED OF + INCINERATED)	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS, INCINERATED & EXPORTED FOR DISPOSAL
Laurens	27,206	0	730	2,891	0	0	102	30,929
Lee	8,449	0	21	2,875	0	0	77,869	89,214
Lexington	140,151	84	223	69,266	785	0	46,479	256,987
Marion	15,834	0	0	743	0	0	0	16,576
Marlboro	12,565	0	46	2,178	0	0	2,293	17,082
McCormick	3,772	0	0	443	0	0	0	4,215
Newberry	30,724	0	1,293	8,149	0	0	256	40,422
Oconee	40,128	0	19	3,404	0	0	105	43,655
Orangeburg	53,328	141	224	64,028	0	0	262	117,982
Pickens	42,606	0	6,075	8,571	0	0	438	57,690
Richland	263,456	159,470	6,225	41,982	0	0	19,108	490,241
Saluda	7,737	0	0	196	0	0	119	8,052
Spartanburg	192,507	0	17,651	178,771	0	0	554	389,482
Sumter	55,220	0	37	18,120	0	0	3,276	76,653
Union	16,990	0	602	1,115	0	0	24	18,731
Williamsburg	6,971	0	0	4,203	0	0	3	11,176
York	210,271	537	0	3,608	0	0	1,370	215,786
<b>S.C. COUNTIES TOTAL ONLY (MSWLF/TS/EXP/INC)</b>	<b>2,985,852</b>	<b>251,508</b>	<b>196,713</b>	<b>891,440</b>	<b>897</b>	<b>0</b>	<b>355,007</b>	<b>4,681,418</b>
Georgia	3,875	0	213	25,524	0	0	2,612	32,224
North Carolina	302,546	20	33	64,586	0	0	1,525	368,709
New York	212,736	0	0	0	0	0	0	212,736
<b>OUT-OF-STATE TOTAL ONLY (MSWLF)</b>	<b>519,156</b>	<b>20</b>	<b>246</b>	<b>90,110</b>	<b>0</b>	<b>0</b>	<b>4,137</b>	<b>613,669</b>
<b>TOTAL BY WASTE STREAM</b>	<b>3,505,008</b>	<b>251,528</b>	<b>196,959</b>	<b>981,550</b>	<b>897</b>	<b>0</b>	<b>359,145</b>	<b>5,295,087</b>

**TABLE 9.10: 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	25,101	19.87	0.69	2.78	3.5	3,164	12,755	15,919
Aiken	162,812	19.22	0.72	3.01	3.7	21,260	89,343	110,602
Allendale	9,988	4.79	0.08	1.63	1.7	150	2,974	3,124
Anderson	189,355	29.21	1.01	2.44	3.4	34,794	84,306	119,100
Bamberg	15,763	11.62	0.38	2.92	3.3	1,106	8,413	9,519
Barnwell	22,212	7.04	0.25	3.36	3.6	1,033	13,633	14,666
Beaufort	168,049	31.10	1.84	4.08	5.9	56,520	125,232	181,753
Berkeley	189,781	37.84	1.46	2.39	3.9	50,492	82,935	133,427
Calhoun	14,910	12.22	0.44	3.18	3.6	1,205	8,656	9,861
Charleston	365,162	34.56	2.35	4.46	6.8	156,911	297,121	454,032
Cherokee	55,662	11.31	0.64	5.02	5.7	6,503	50,975	57,478
Chester	32,546	7.35	0.21	2.67	2.9	1,259	15,871	17,130
Chesterfield	46,103	26.77	0.56	1.52	2.1	4,673	12,783	17,456
Clarendon	34,357	6.03	0.14	2.14	2.3	859	13,402	14,261
Colleton	38,153	15.58	0.46	2.47	2.9	3,177	17,209	20,386
Darlington	68,139	21.45	0.68	2.50	3.2	8,483	31,058	39,542
Dillon	31,446	8.92	0.32	3.22	3.5	1,810	18,490	20,300
Dorchester	142,496	37.07	1.15	1.95	3.1	29,896	50,751	80,647
Edgefield	26,347	7.19	0.20	2.57	2.8	958	12,378	13,336
Fairfield	23,363	12.22	0.61	4.34	4.9	2,580	18,524	21,104
Florence	137,948	17.02	0.83	4.04	4.9	20,842	101,603	122,445
Georgetown	60,189	24.56	1.18	3.63	4.8	12,989	39,910	52,899
Greenville	467,605	33.60	2.28	4.51	6.8	194,820	384,998	579,818
Greenwood	69,756	26.09	1.72	4.87	6.6	21,871	61,960	83,831
Hampton	20,726	18.96	0.69	2.96	3.7	2,620	11,198	13,818
Horry	282,285	50.36	4.44	4.38	8.8	228,885	225,593	454,478
Jasper	25,833	6.96	0.17	2.33	2.5	823	10,993	11,816
Kershaw	62,343	45.14	2.03	2.46	4.5	23,066	28,033	51,100
Lancaster	79,089	28.83	0.75	1.86	2.6	10,873	26,838	37,711
Laurens	66,223	36.82	1.31	2.25	3.6	15,855	27,206	43,061
Lee	18,654	24.83	0.82	2.48	3.3	2,790	8,449	11,240
Lexington	270,406	38.92	1.81	2.84	4.6	89,299	140,151	229,449
Marion	32,457	23.31	0.81	2.67	3.5	4,813	15,834	20,647
Marlboro	28,145	30.30	1.06	2.45	3.5	5,463	12,565	18,028
McCormick	9,943	7.92	0.18	2.08	2.3	325	3,772	4,097
Newberry	37,576	17.28	0.94	4.48	5.4	6,420	30,724	37,144
Oconee	74,627	40.16	1.98	2.95	4.9	26,928	40,128	67,056
Orangeburg	91,476	33.72	1.62	3.19	4.8	27,126	53,328	80,453
Pickens	119,670	37.18	1.15	1.95	3.1	25,221	42,606	67,827
Richland	393,830	22.50	1.06	3.67	4.7	76,467	263,456	339,923
Saluda	19,893	8.64	0.20	2.13	2.3	731	7,737	8,468
Spartanburg	288,745	31.69	1.69	3.65	5.3	89,300	192,507	281,807
Sumter	108,052	20.54	0.72	2.80	3.5	14,277	55,220	69,498
Union	28,252	29.80	1.40	3.30	4.7	7,214	16,990	24,204
Williamsburg	33,620	19.19	0.27	1.14	1.4	1,656	6,971	8,626
York	234,635	26.15	1.74	4.91	6.6	74,456	210,271	284,727
<b>STATE TOTALS/ AVERAGES</b>	<b>4,723,723</b>	<b>31.50</b>	<b>1.6</b>	<b>3.5</b>	<b>5.1</b>	<b>1,371,960</b>	<b>2,985,852</b>	<b>4,357,812</b>

**TABLE 9.11: State & County TSW Recycling, Disposal and Generation in Tons**

COUNTY	POPULATION	TSW DISPOSED OF IN CLASS 3 LANDFILLS, SOLID WASTE (SW) INCINERATORS & EXPORTED	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	25,101	17,416	7,091	0	24,507	21,918	46,425	47.2%
Aiken	162,812	134,724	133,665	11,290	279,679	75,324	355,003	21.2%
Allendale	9,988	5,344	4,060	0	9,405	299	9,704	3.1%
Anderson	189,355	110,994	85,404	18,204	214,603	127,086	341,689	37.2%
Bamberg	15,763	9,610	5,730	0	15,340	2,430	17,770	13.7%
Barnwell	22,212	14,184	27,422	0	41,606	16,097	57,703	27.9%
Beaufort	168,049	161,850	68,058	0	229,908	226,202	456,110	49.6%
Berkeley	189,781	401,350	833,657	4,217	1,239,224	828,221	2,067,445	40.1%
Calhoun	14,910	23,926	4,443	0	28,368	34,472	62,840	54.9%
Charleston	365,162	416,222	341,818	0	758,039	789,639	1,547,678	51.0%
Cherokee	55,662	86,507	15,844	0	102,351	104,566	206,917	50.5%
Chester	32,546	20,945	19,477	0	40,422	115,399	155,821	74.1%
Chesterfield	46,103	16,002	24,320	0	40,322	9,985	50,307	19.8%
Clarendon	34,357	13,649	9,800	0	23,449	1,719	25,168	6.8%
Colleton	38,153	32,421	17,066	0	49,487	7,551	57,038	13.2%
Darlington	68,139	40,227	40,510	0	80,738	164,663	245,401	67.1%
Dillon	31,446	20,006	7,729	0	27,734	11,802	39,536	29.9%
Dorchester	142,496	81,370	38,540	0	119,910	83,675	203,585	41.1%
Edgefield	26,347	12,431	8,693	1,531	22,656	2,162	24,818	8.7%
Fairfield	23,363	24,338	1,103	2	25,443	6,061	31,504	19.2%
Florence	137,948	140,552	138,524	392	279,468	317,901	597,369	53.2%
Georgetown	60,189	61,184	26,483	0	87,667	27,543	115,210	23.9%
Greenville	467,605	533,138	193,100	575	726,812	550,321	1,277,133	43.1%
Greenwood	69,756	95,435	8,843	970	105,247	137,750	242,997	56.7%
Hampton	20,726	11,664	3,408	0	15,072	5,694	20,766	27.4%
Horry	282,285	225,744	90,065	0	315,808	799,056	1,114,864	71.7%
Jasper	25,833	20,926	4,321	252	25,498	6,627	32,125	20.6%
Kershaw	62,343	36,894	41,415	3,487	81,796	46,438	128,234	36.2%
Lancaster	79,089	27,494	55,438	3,488	86,420	21,937	108,357	20.2%
Laurens	66,223	30,929	13,154	0	44,083	31,923	76,006	42.0%
Lee	18,654	89,214	0	0	89,214	15,480	104,694	14.8%
Lexington	270,406	256,987	167,560	3,626	428,174	1,636,019	2,064,193	79.3%
Marion	32,457	16,576	11,712	0	28,288	36,192	64,480	56.1%
Marlboro	28,145	17,082	9,783	0	26,865	152,632	179,497	85.0%
McCormick	9,943	4,215	820	18	5,053	649	5,702	11.4%
Newberry	37,576	40,422	8,675	181	49,278	44,166	93,444	47.3%
Oconee	74,627	43,655	16,109	1,406	61,170	67,706	128,876	52.5%
Orangeburg	91,476	117,982	184,223	0	302,205	109,556	411,761	26.6%
Pickens	119,670	57,690	15,547	983	74,220	64,205	138,425	46.4%
Richland	393,830	490,241	225,910	10,190	726,341	235,158	961,499	24.5%
Saluda	19,893	8,052	818	194	9,064	1,463	10,527	13.9%
Spartanburg	288,745	389,482	95,337	2,051	486,870	265,634	752,504	35.3%
Sumter	108,052	76,653	45,311	0	121,964	31,200	153,164	20.4%
Union	28,252	18,731	2,595	2,786	24,113	64,836	88,949	72.9%
Williamsburg	33,620	11,176	8,028	0	19,204	3,320	22,524	14.7%
York	234,635	215,786	90,121	7,530	313,436	398,299	711,735	56.0%
<b>TOTAL FOR S.C. COUNTIES</b>	<b>4,723,723</b>	<b>4,681,418</b>	<b>3,151,730</b>	<b>73,374</b>	<b>7,906,522</b>	<b>7,700,976</b>	<b>15,607,497</b>	<b>49.3%</b>
<b>TOTAL OUT-OF-STATE</b>		<b>613,669</b>	<b>51,284</b>	<b>1,629</b>	<b>666,582</b>			
<b>TOTAL WASTE STREAM</b>		<b>5,295,087</b>	<b>3,203,014</b>	<b>75,003</b>	<b>8,573,103</b>			

<b>TABLE 9.12: Class 1 Landfill Disposal in Tons</b>					
<b>COUNTY OR PLACE OF ORIGIN</b>	<b>FY09</b>	<b>FY10</b>	<b>FY11</b>	<b>FY12</b>	<b>FY13</b>
Abbeville	697	0	0	0	0
Aiken	13,543	12,906	10,049	10,787	11,290
Allendale	0	0	0	0	0
Anderson	18,057	23,964	21,911	16,855	18,204
Bamberg	0	0	0	0	0
Barnwell	0	0	0	0	0
Beaufort	0	0	0	0	0
Berkeley	0	0	0	0	4,217
Calhoun	0	0	0	0	0
Charleston	0	0	0	0	0
Cherokee	0	0	0	0	0
Chester	0	0	120	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	1,374	1,400	1,709	2,343	1,531
Fairfield	0	0	0	0	2
Florence	0	0	0	316	392
Georgetown	0	0	0	0	0
Greenville	113	286	326	621	575
Greenwood	1,245	1,176	1,005	1,491	970
Hampton	0	0	0	0	0
Horry	0	0	0	0	0
Jasper	0	211	305	291	252
Kershaw	2,305	2,190	3,005	3,210	3,487
Lancaster	380	435	640	3,750	3,488
Laurens	446	490	525	400	0
Lee	0	0	0	0	0
Lexington	16,545	7,329	4,623	5,369	3,626
Marion	0	0	0	0	0
Marlboro	0	0	0	0	0
McCormick	32	0	0	18	18
Newberry	63	0	85	66	181
Oconee	3,930	1,187	599	1,801	1,406
Orangeburg	0	0	0	0	0
Pickens	920	175	503	1,566	983
Richland	7,682	7,365	9,256	10,868	10,190
Saluda	228	512	143	162	194
Spartanburg	470	1,214	1,049	1,524	2,051
Sumter	0	0	241	423	0
Union	2,802	2,220	2,202	1,809	2,786
Williamsburg	0	0	0	0	0
York	1,652	1,681	4,497	7,710	7,530
<b>TOTAL SOUTH CAROLINA</b>	<b>72,484</b>	<b>64,739</b>	<b>62,792</b>	<b>71,380</b>	<b>73,374</b>
<b>TOTAL OUT-OF-STATE</b>	<b>1,008</b>	<b>902</b>	<b>1,893</b>	<b>1,288</b>	<b>1,629</b>
<b>TOTAL AMOUNT DISPOSED OF</b>	<b>73,492</b>	<b>65,641</b>	<b>64,685</b>	<b>72,667</b>	<b>75,003</b>

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

**TABLE 9.13: Class 2 Landfill Disposal and Estimated Remaining Life**

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY13 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Abbeville	Abbeville County	10,000	7,256	262.5
Aiken	Aiken County (Barden)	80,000	60,870	17.5
Aiken	Aiken County (Wagener)	134,766	2,227	56.9
Aiken	G.L. Williams C&D Landfill	57,500	1,138	20.0
Aiken	Owens Corning Fiberglass	■	15,707	13.7
Aiken	Rainbow Falls Road	103,216	60,965	58.0
Aiken	Savannah River Site 288-F	30,000	0	8.0
Aiken	Savannah River Site 488-4D	25,000	4,520	2.5
Allendale	Appleton	21,000	5,400	32.5
Anderson	Anderson County (Starr)	43,300	12,905	29.8
Anderson	Clemson University	25,000	3,290	22.0
Anderson	Enterprise Material Handling	68,619	51,343	21.8
Anderson	Greenpointe	57,000	26,970	27.1
Anderson	Owens Corning Fiberglass	■	14,911	49.7
Bamberg	Bamberg County	44,441	4,663	59.0
Barnwell	Barnwell County	32,000	7,015	24.0
Barnwell	Savannah River Site 632-G	120,000	43,754	40.0
Beaufort	Barnwell Resources, Inc	156,000	20,247	48.0
Berkeley	Berkeley County	214,703	49,981	2.0
Berkeley	Kapstone Charleston Kraft	■	134,789	53.9
Berkeley	Santee Cooper (Cross Generating Station))	1,394,600	790,933	2.5
Calhoun	Calhoun County	13,500	2,877	7.2
Calhoun	DAK Americas (Formerly Eastman Chemical)	■	1,155	13.2
Charleston	Charleston County Bees Ferry	200,000	25,000	0.3
Charleston	Spring Grove Environmental	500,000	107,668	129.8
Cherokee	Cherokee County	20,000	12,820	●
Cherokee	City of Gaffney	8,930	2,988	31.9
Chester	Bennett Industrial	205,200	31,593	8.8
Chester	Chester County	4,800	1,364	25.6
Chesterfield	Furr Facility	32,700	32,269	56.0
Clarendon	Clarendon County	60,000	9,758	1.0
Clarendon	Georgia Pacific – Alcolu	0	0	3.0
Colleton	Colleton County	30,000	16,876	23.0
Darlington	Darlington County	65,200	14,116	94.0
Darlington	Sonoco Products Company	■	21,422	1.0
Dillon	Dillon County	11,700	7,982	6.2
Dorchester	Carolina Landfill LLC	120,120	106,838	33.1
Florence	Florence County	25,000	50	20.0
Florence	Lake City, City of	12,900	2,490	101.7
Florence	Pee Dee Environmental Services, Inc	892,000	81,098	39.2
Florence	RockTenn	103,032	43,950	11.2
Georgetown	Georgetown County	51,000	18,412	5.0
Georgetown	International Paper	120,000	1,910	4.2
Greenville	General Electric	3,500	91	●
Greenville	Greenville LT (Republic)	200,000	12,185	5.0
Greenville	Twin Chimneys/Greenville County	87,157	82,968	18.0
Greenville	WCA Shiloh	128,000	46,420	11.4
Greenwood	Greenwood County	47,984	7,378	6.0

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



**TABLE 9.13: Class 2 Landfill Disposal and Estimated Remaining Life (continued)**

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY13 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Hampton	Hampton County	21,000	3,276	6.0
Horry	Horry County SWA	250,000	89,018	5.9
Jasper	Oakwood	188,000	52,112	21.6
Jasper	Snake Road	113,200	0	●
Kershaw	Kershaw County	30,000	29,720	28.0
Kershaw	Loveless & Loveless, Inc.	200,000	145,842	197.0
Kershaw	Pine Hill	170,000	67,116	101.2
Lancaster	Mining Road	200,000	50,564	26.5
Laurens	City of Clinton	13,000	81	34.6
Laurens	Curry Lake C&D Landfill	241,591	64,706	6.8
Laurens	Hwy. 92	154,000	0	●
Lexington	Carolina Materials	240,000	78,033	17.9
Lexington	Hwy. 378	50,000	0	●
Lexington	Lexington County (Edmund)	216,000	54,863	11.0
Lexington	S&T Recycling LLC	7,200	4,000	50.0
Lexington	SCE&G McMeekin Station	■	1,238	5.0
Lexington	Southeastern Associates	120,000	37,478	10.7
Marion	Hwy. 908	206,540	0	●
Marion	Marion County	135,350	9,682	11.3
Marion	Sandlands	206,500	25,280	40.0
Marlboro	Domtar Paper	12,000	2,417	57.4
Newberry	Southeastern Resource Recovery	208,000	27,651	39.8
Oconee	Duke Power - Oconee Nuclear Station Landfill	2,000	0	25.4
Oconee	Oconee County	37,615	16,024	●
Orangeburg	Orangeburg County	81,000	15,994	9.8
Orangeburg	SCE&G Cope Station	■	166,861	108.3
Orangeburg	Roseburg Forest Products	■	0	●
Pickens	Hwy 93	0	0	●
Pickens	Pickens County	20,000	14,367	2.7
Richland	Carolina Grading, Inc.	122,400	1	150.2
Richland	International Paper	119,000	0	14.9
Richland	Intertape Polymer Group	10,000	0	30.0
Richland	Richland County C&D and LCD Landfill	200,000	30,751	31.3
Spartanburg	Kohler Company	■	5,789	97.1
Spartanburg	Spartanburg County	80,000	58,378	6.7
Spartanburg	Tindall Special Waste	■	0	●
Sumter	Sumter County	51,332	32,800	6.0
Williamsburg	DSM Nutritional Products, LLC	80,000	2,689	1.8
Williamsburg	Williamsburg County	4,370	4,774	3,462.3
York	Coltharp	70,000	52,680	3.3
York	Duke Power - Catawba Nuclear Station	■	81	14.3
York	Resolute Forest Products	■	13,963	8.3
York	Rogers	2,400	2,450	10.0
York	Vernsdale Road	58,300	0	●
York	York County	96,632	31,773	18.5
<b>TOTAL</b>			<b>3,203,014</b>	<b>75.3<sup>1</sup></b>

NOTE: This information is provided in months and converted to years. 1. Average ■ No Permitted Disposal Rate ● Did Not Report

# Permitted Solid Waste Facilities

## SECTION

# 10

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) 2013 (July 1, 2012 to June 30, 2013), there were 410 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 FY13, there were 174 landfills, 114 composting and wood-grinding facilities, 40 transfer stations, 21 processing facilities, 21 waste tire facilities, 18 used oil facilities, 11 land-application facilities, six incinerators (all Class 1 land-clearing debris) four research, development and demonstration facilities and one soil treatment facility.

Tables 10.2 to 10.9 provide a complete list of the permitted facilities at the close of FY13. 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>TPY</b>	Tons Per Year

TABLE 10.2: Permitted Solid Waste Transfer Stations in FY13							
COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
<b>CLASS 1 TRANSFER STATIONS</b>				Edgefield	Tri-County SWA	320 TPD	29,231
Greenville	Greenville, City of	500 TPD	13,401	Fairfield	Fairfield	320 TPD	14,217
<b>CLASS 2 TRANSFER STATIONS</b>				Florence	Florence	740 TPD	108,932
Charleston	Mt. Pleasant, Town of	100 TPD	16,732	Greenville	Blackberry Valley	150 TPD	4,172
Colleton	Clean Management Container, Inc.	60 TPD	1,078	Greenville	Greer, City of	110 TPD	0
Dorchester	Summerville, Town of	200 TPD	13,584	Horry	Myrtle Beach, City of	684 TPD	19,395
Greenville	MRR	500 TPD	13,950	Horry	North Myrtle Beach, City of	250 TPD	12,754
Spartanburg	J&B (Broadcast Drive)	140 TPD	47,117	Lancaster	Lancaster, City of	827 TPD	24,666
<b>CLASS 3 TRANSFER STATIONS</b>				Laurens	Laurens County	800 TPD	30,710
Anderson	Anderson-Oconee	1,500 TPD	0	Lexington	Lexington County	592 TPD	100,899
Anderson	Pendleton	500 TPD	22,398	Marlboro	Bennetsville, City of	50 TPD	5,128
Bamberg	Bamberg County	250 TPD	8,938	Newberry	Newberry County	400 TPD	28,523
Barnwell	Barnwell County	200 TPD	13,593	Oconee	Seneca	300 TPD	36,982
Beaufort	Haig Point	15 TPD	204	Orangeburg	Orangeburg County	300 TPD	55,395
Beaufort	Melrose	15 TPD	●	Pickens	Pickens County	400 TPD	36,481
Charleston	Carolina Processing and Recycling	2,000 TPD	154,618	Spartanburg	Spartanburg, City of	200 TPD	752
Cherokee	Cherokee County	800 TPD	50,655	Spartanburg	Greer	1200 TPD	62,941
Chester	Chester County	200 TPD	14,580	Sumter	Sumter	400 TPD	59,103
Clarendon	Clarendon County	250 TPD	0	Union	Union, City	21 TPD	2,897
Colleton	Colleton County	115 TPD	32,887	York	Container Corporation of Carolina	1 TPD	87,747
Darlington	Darlington County	95 TPD	17,800	York	York County	800 TPD	122,022
Dillon	Dillon County	250 TPD	39,073				

● Did Not Report

TABLE 10.3: Permitted Solid Waste Landfills in FY13							
COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS DISPOSED	COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS DISPOSED
<b>CLASS 1 LANDFILLS</b>				Oconee	Clemson-Seneca	3,000 TPY	1,260
Abbeville	HR Garrett (Dobbins)	15,000 TPY	0	Oconee	Northwest Grading Company	600 TPY	5
Abbeville	Ron Hughes	3,000 TPY	450	Oconee	Well's Highway	15,000 TPY	362
Aiken	Gary Miller	20,000 TPY	4,534	Oconee	Wood	2,400 TPY	225
Aiken	GL Williams	2,500 TPY	0	Orangeburg	Spires LCD LF	90,000 TPY	0
Aiken	Jack Wood	520 TPY	75	Pickens	Pine Grove Church Road	3,000 TPY	534
Aiken	John Swearinger	1,000 TPY	30	Pickens	Walter Moody	625 TPY	3
Aiken	Mike Williams Construction	15,000 TPY	2,556	Richland	L&L Screaming Eagle Road	30,000 TPY	13,162
Aiken	Randy Hill	4,800 TPY	1,224	Richland	Sharp's Construction Company	75 TPY	75
Anderson	Anderson County (Starr)	26,000 TPY	15,234	Saluda	Goff	40,000 TPY	394
Anderson	Broadway	860 TPY	719	Spartanburg	Brown	3,000 TPY	378
Anderson	Belton, City of	3,060 TPY	2,480	Spartanburg	Woodruff, City of - Landford Road	488 TPY	75
Anderson	Miller Construction Company	4,500 TPY	36	Spartanburg	Cliffsdale Road	150,000 TPY	330
Berkeley	Berkeley County	15,000 TPY	4,217	Spartanburg	Hawkins Grading	6,000 TPY	44
Edgefield	Pioneer Clearing	20,000 TPY	5,994	Spartanburg	Howard Grading and Construction	1,000 TPY	75
Florence	Timmonsville, Town of	360 TPY	392	Spartanburg	Jeff Thomas LCD LF	2,600 TPY	0
Greenville	HR Garrett - Moon/Henderson	4,000 TPY	0	Spartanburg	Par Grading and Hauling	2,600 TPY	240
Greenville	Norris	250 TPY	60	Spartanburg	Roger Owens	900 TPY	0
Greenville	Trotter	■	●	Spartanburg	Skinner	10,000 TPY	10
Greenwood	BHC Trucking	6,500 TPY	520	Spartanburg	T. Glen Easler	■	●
Jasper	Jasper County	120,000 TPY	252	Spartanburg	Watson	3,000 TPY	900
Lancaster	Lancaster County	3,500 TPY	3,488	Union	Union, City of (Eison)	2,500 TPY	2,246
Lancaster	Heath Springs, Town of	■	0	Union	Union, City of (Walnut)	3,600 TPY	540
Laurens	HR Garrett (Henderson Road)	20,000 TPY	250	York	Clawson	151,200 TPY	405
Laurens	HR Garrett (Lisbon Road)	15,000 TPY	0	York	Creekside of York County	5,500 TPY	858
Lexington	378 Recycling	100,000 TPY	1,108	York	McCall Deer Creek Drive	100,000 TPY	6,267
Lexington	Sligh Properties	100 TPY	0	<b>CLASS 2 LANDFILLS</b>			
Lexington	Southeastern Disposal	11,600 TPY	1,557	A list of Class 2 landfills can be found in Table 9.13 (pages 100-101).			
Lexington	Batesburg-Leesville, Town of	2,000 TPY	591	<b>CLASS 3 LANDFILLS</b>			
McCormick	McCormick, Town of	36 TPY	0	A list of Class 3 landfills can be found in Table 9.6 (page 91).			
Newberry	Metts	3,000 TPY	850				

● Did Not Report ■ Not Operating

TABLE 10.4: Permitted Solid Waste Processing Facilities in FY13							
COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
<b>C&amp;D DEBRIS PROCESSING FACILITIES</b>				<b>CLASS 3 MSW PROCESSING FACILITIES</b>			
Anderson	Ace Environmental, Inc.	10,400 TPY	7,017	Aiken	North Augusta, City of	250 TPD	14,082
Dillon	Nobles Corporation, Inc.	4,368 TPY	0	Aiken	Three Rivers SWA	1,200 TPD <sup>1</sup> 800 TPD <sup>2</sup>	1,057
Greenwood	Powell's Trash Service	124,800 CYPY	15,633	Greenville	WCA Shiloh Landfill LLC - Piedmont	374,000 TPY	33,405
Horry	Horry County SWA	72,800 TPY	11,075	Spartanburg	220 Victor Hill	150 TPD	16,619
<b>CLASS 3 INDUSTRIAL PROCESSING FACILITIES</b>				<b>ORGANIC PROCESSING FACILITIES</b>			
Calhoun	Regulatory Solutions, Inc.	10,000 TPY	7,634	Richland	Waste 2 Energy LLC	48,000 TPY	0
Colleton	American Biomass, LLC	9,170 TPY	9,052	<b>C&amp;D DEBRIS / CLASS 3 INDUSTRIAL PROCESSING FACILITIES</b>			
Colleton	CMEG, Inc.	5,200 TPY	2,404	Lee	Lee County	150 TPD <sup>3</sup> 450 TPD <sup>4</sup>	62,910
Dorchester	Geocycle LLC	150,000 TPY	24,477	<b>C&amp;D DEBRIS / CLASS 3 MSW PROCESSING FACILITIES</b>			
Dorchester	Global Environmental Assurance	5,100 TPY	●	Dorchester	Pepperhill	1,200 TPD	103,751
Greenville	VLS - Piedmont LLC	90,000 TPY	68,187	Greenville	Greenville TS and Processing	1,200 TPD	173,532
Lexington	Crandall Corporation	2,491 TPY	468				
Spartanburg	JBR Environmental Services	52,000 TPY	15,984				
Sumter	Giant Resource Recovery	104,000 TPY	14,143				

● Did Not Report 1. Class 3 2. Wood Waste 3. C&D Debris 4. Industrial Solid Waste

**TABLE 10.5: Permitted Composting and Wood-grinding Facilities in FY13**

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Aiken	APAC Composting Site	0	Greenville	Schneider Tree Care Wood Chipping Facility	7,050
Aiken	APAC 421 Composting Site	823	Greenville	SH Carter	6,965
Aiken	City of Aiken Public Works	0	Greenville	SR Mulch and Grinding Woodchipping Facility	7,264
Aiken	City of North Augusta	324	Greenville	Timbertech, Inc.	2,247
Aiken	GreenGo Recycling	●	Greenville	Twin Chimneys Wood Grinding Facility	4,194
Anderson	City of Anderson	0	Hampton	Hampton County	1,785
Anderson	Fowler Corporation Wood Chipping Facility	0	Hampton	Town of Yemassee	●
Anderson	Town of Honea Path	12	Horry	C. Owens & Son, Inc. - Composting	●
Anderson	Willimon 's Mulch	628	Horry	Coastal Reclamation	●
Bamberg	Bamberg County	534	Horry	D&S Recycling, LLC - Wood Grinding	0
Beaufort	Barnwell Resources, Inc.	2,466	Horry	G&G Mining Company, LLC	817
Beaufort	Community Service Association, Inc./ Sea Pines Plantation	19,800	Horry	Horry County Solid Waste Authority, Inc.	38,278
Beaufort	Hilton Head Plantation P.O.A.	●	Horry	Lees Landing Mine	0
Beaufort	LCR Construction - Formerly R&D Tree/ Tutan Trees	●	Horry	SB Turf & Mulch, Inc. – Smith Mine	●
Berkeley	Berkeley County	13,657	Jasper	Cleland Ridgeland Chipping Facility	3,007
Charleston	Barr Construction, Inc.	8,989	Jasper	Coastal Debris	0
Charleston	Burning Acres	0	Jasper	Evergreen Tree & Turf	16,706
Charleston	County of Charleston	53,824	Jasper	Greenspace	●
Charleston	Ladson Wood Recycling	44,213	Jasper	LCR Consturction	●
Charleston	Moberry LCD Wood Chipping Facility	2,873	Jasper	Oakwood C&D LF	7,475
Charleston	Spring Grove LF (owned by Republic Services of South Carolina)	0	Kershaw	Kershaw County Solid Waste	24,853
Charleston	Sunnyside Farms	195	Lancaster	Greenway Waste Solutions	●
Cherokee	Cherokee County LF	967	Lancaster	Lancaster County/McGill Convenience Site	3,488
Cherokee	Kapstone Composting	3,120	Lancaster	Piedmont Composting	0
Chester	City of Chester	0	Lancaster	Pressley Recycling, Inc.	4,736
Chester	Scotts Company	45,000	Lancaster	Town of Heath Springs	●
Chester	Town of Great Falls	3,900	Laurens	Curry Lake	●
Dillon	Nobles Corporation, Inc.	0	Laurens	Laurens County	506
Dillon	Town of Latta	790	Lee	Lee County Composting & Recycling	15,262
Dorchester	Carolina LF, LLC	2,151	Lexington	378 Recycle Center	●
Fairfield	Fairfield County	900	Lexington	Carolina Materials Corp.	8,278
Fairfield	Kaiser Enterprises	0	Lexington	Eagle Recovery Facility	8,135
Florence	City of Florence	7,522	Lexington	Lexington County Wood Grinding & CF	5,426
Florence	Gilbert Dr.	●	Lexington	S&T Grading	4,100
Florence	Rutland Chipping Facility	●	Marion	City of Marion	750
Georgetown	Frasier Composting	0	Marion	Marion County Woodchipping	●
Georgetown	Georgetown County	4,025	Marlboro	Marlboro County	0
Georgetown	McKenzie Wood Chipping	0	Marlboro	McDuffie & Son Composting Center	0
Georgetown	Miller Wood Processing Facility	346	Newberry	County of Newberry	3,102
Greenville	Dillard Excavating	135	Newberry	Metts Wood Recycling Center	8,306
Greenville	Greater Greenville Sanitation Commission	47,001	Newberry	Newberry, City of	●
Greenville	Greater Greenville Sanitation Commission 2	●	Oconee	Clemson/Seneca	●
Greenville	Greenworks Recycling (d.b.a. Mulch in Motion)	0	Oconee	Hutch-N-Son Wood Chipping Facility	313
Greenville	Greenworks Recycling (d.b.a. Mulch in Motion)	0	Oconee	Oconee County Solid Waste - Seneca LF Mulching Facility	2,085
Greenville	Greenworks Recycling (d.b.a. Mulch in Motion)	0	Oconee	Wells Hwy.	●
Greenville	Hensons', Inc. - Greenville Wood Recycling Center	4,088	Pickens	City of Clemson	6,204
			Richland	City of Columbia	6,502
			Richland	Mitch Hook Composting	1,300

● Did Not Report *Continued on the following page*

**TABLE 10.5: Permitted Composting and Wood-grinding Facilities in FY13 (continued)**

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Richland	Richland Composting and Wood Chipping Facility	6,000	Sumter	Sumter County Public Works	1,858
Saluda	SH Wood Waste Management	8,798	Williamsburg	Black River Hardwood	0
Spartanburg	City of Spartanburg	0	Williamsburg	Town of Hemingway	●
Spartanburg	Fairforest Wood	●	York	City of Rock Hill	5,620
Spartanburg	Hensons', Inc - Mulch and More Wood Chipping Facility	2,186	York	City of Rock Hill 2	●
Spartanburg	Spartanburg County Environmental Services Wellford LF	10,111	York	City of Tega Cay WCF	670
Spartanburg	Starr Wood Chipping Facility	1,817	York	City of Tega Cay WCF 2	●
Sumter	Glasscock Company (formerly SCR Composting Site)	769	York	Deer Creek Composting	0
			York	River Hills Community Association	3,337
			York	Rogers Composting Facility	0
			York	Town of Fort Mill	3,706
			York	York County Wood Chipping Facility	3,935

● Did Not Report

**TABLE 10.6: Permitted Waste Tire Facilities in FY13**

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	Gerals Tires II, Inc.	5,200 tires
Cherokee	Cherokee County	1,200 tires
Fairfield	Fairfield County Waste Tire Collection Facility 1	1,800 tires
Fairfield	Fairfield County Waste Tire Collection Facility 2	■
Greenville	Greenville County Public Works	3,600 tires
Lancaster	Lancaster County Public Works	1,850 tires
Lexington	Safety Kleen Systems, Inc.	2,500 tires
Union	Union County Public Works	1,200 tires
<b>WASTE TIRE DISPOSAL FACILITY</b>		
Anderson	Anderson Tire WTD Facility	◆
<b>WASTE TIRE PROCESSORS</b>		
Aiken	SC Tire Processing, LLC	437,000 tires
Aiken	Aiken Carbon Products, LLC	X
Anderson	Anderson Tire Recycling	500 tires
Berkeley	Viva Recycling of South Carolina, LLC	99,000 tires
Charleston	Tower Tire Reclamation	X
Dorchester	Argos Cement, LLC – Harleyville Cement Plant	140,000 tires
Edgefield	Ridge Recyclers, Inc.	45,450 tires
Marion	Venture Manufacturing Company	■
Pickens	Pickens County Recycling Department	2,000 tires
Sumter	Kiln Direct Laboratory	400 tons

X Not Approved to Accept Tires ■ Site Inactive ◆ No Permitted Limit NOTE: For a list of registered waste tire haulers, contact DHEC at 1-800-768-7348.

**TABLE 10.7: Permitted Class 1 Incinerators in FY13**

COUNTY	FACILITY NAME	PROCESS/STORAGE LIMIT	TONS RECEIVED
Beaufort	Daufuskie Site Preparation, Inc.	3,611 CY	87
Beaufort	Ulmer Brothers, Inc.	500 tons	18,758
Horry	Lees Landing	60 TPD	■
Jasper	Coastal Debris, LLC	1,000 tons	2,628
Pickens	Pickens County	105 TPD	5,751
Richland	Whitaker	■	■

■ Site Inactive

TABLE 10.8: Permitted Used Oil Facilities in FY13		
COUNTY	FACILITY NAME	PERMITTED RATE
<b>USED OIL MARKETERS</b>		
Charleston	Banks Construction Company	■
Dorchester	Argos Cement, LLC – Harleyville Cement Plant	■
Dorchester	Giant Cement Company	5,000,000 GPY
Dorchester	Universal Environmental Services, LLC	333,700 GPY
Orangeburg	Holcim US, Inc.	◆
Sumter	Giant Resource Recovery	◆
York	Atlantic Industrial Services	■
<b>USED OIL PROCESSORS</b>		
Charleston	Banks Construction Company	■
Charleston	Delfin Used Oil Processing Facility	60,000,000 GPY
Chester	Southeastern Petroleum LLC / R2 Oil, LLC	◆
Dorchester	Universal Environmental Services, LLC	333,700 GPY
Greenville	Holston Group, Inc.	■
Greenville	VLS - Piedmont, LLC	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	◆
Sumter	Kiln Direct Laboratory	4,000,000 GPY
York	Diversified Recycling, Inc.	2,000,000 GPY

■ Site Inactive ◆ No Permitted Rate

TABLE 10.9: Other Permitted Solid Waste Facilities in FY13			
COUNTY	FACILITY NAME	PERMITTED RATE	TOTAL CAPACITY/ STORAGE LIMIT
<b>LAND APPLICATION</b>			
Charleston	Dimare Johns Island, Inc.	◆	
Charleston	Wood Not Waste, LLC	5 TPA	
Darlington	International Paper Company – Eastover Mill	◆	
Georgetown	International Paper Company	10 TPA	
Greenville	Country Fresh, Inc.	10 TPA	
Lancaster	Bowers Fibers, Inc.	10 TPA	
Laurens	Norbord South Carolina, 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	
<b>RESEARCH, DEVELOPMENT &amp; DEMONSTRATION PROJECT</b>			
Anderson	Anderson Regional Landfill, LLC	◆	
Laurens	Atkins – Refresh Services		36 CY
Lexington	Atkins – Refresh Services		36 CY
Williamsburg	ARC Technology	14,924 TPY	
<b>SOIL TREATMENT</b>			
Sumter	TK Tank Services, Inc.	◆	

■ Site Inactive ◆ No Permitted Rate



# Solid Waste Planning

## SECTION

# 11

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-60 and 44-96-80 – requires the S.C. Department of Health and Environmental Control (DHEC) to develop a state solid waste management plan (State Plan) and for 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 analysis and evaluation of current practices;
- a description of the way and 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 was made to establish 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

The Act – S.C. Code of Laws § 44-96-80 – requires each county to have a comprehensive solid waste management plan to ensure adequate disposal capacity. Counties may create and implement regional solid waste management plans.

*The Act requires each county to have a comprehensive solid waste management plan.*

These local plans – which also are required to address a 20-year planning period – must be consistent with the State Plan and 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 and the type of public education/outreach programs offered;

- 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 local plans when making consistency determinations for solid waste facilities. Because the local government is responsible for providing management of all solid waste, the local 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 or revise 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.

# State Planning Responsibilities

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.

## CONSISTENCY DETERMINATIONS

Before a solid waste management facility can be permitted, it must be determined to be consistent with the State Plan, the local county or regional solid waste management 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 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 planning area, no new facility is allowed.

## Non-commercial Facilities

The regulation defines a facility as being “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

## 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.)

*Class 2 landfills accept land-clearing debris as well as certain C&D debris and household furniture.*

To calculate allowable annual disposal at new Class 2 landfills, DHEC uses 100 percent of the host county generation and 30 percent of the generation in other counties within the 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 on pages 110-111 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 other counties' generation 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 116-117 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 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.

*The yearly disposal rate of an existing landfill is allowed to increase only if the facility is with 20 percent of its permitted disposal rate.*

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 on pages 112-113 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 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	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Abbeville	896	766	1,191	13,510	4,550	6,597	3,256	2,554	8,180	7,049	5,527	6,719	7,091
Aiken	45,631	61,565	88,655	88,717	79,529	90,100	102,927	22,443	81,575	78,348	76,801	81,383	89,518
Allendale	962	1,814	3,534	1,578	3,128	2,354	2,171	1,509	1,586	10,482	3,440	3,081	4,060
Anderson	44,258	64,339	52,417	37,316	35,817	51,311	70,823	63,670	48,079	45,256	64,807	72,508	67,203
Bamberg	4,341	5,796	5,788	4,883	4,811	6,175	6,381	126	18,871	5,357	13,693	5,609	5,730
Barnwell	10,736	10,651	12,749	8,329	10,411	10,921	10,700	11,686	11,868	9,481	6,604	7,539	7,588
Beaufort	107,950	91,022	102,287	121,464	139,916	141,752	130,391	86,288	67,541	60,050	61,081	65,464	68,058
Berkeley	51,034	72,948	58,137	66,023	73,228	101,411	98,516	121,267	54,266	33,890	34,347	51,025	42,724
Calhoun	7,243	5,873	4,067	4,139	3,554	4,474	3,176	3,057	3,501	3,932	3,109	2,369	3,288
Charleston	199,464	161,872	189,168	296,129	281,444	333,332	341,113	440,913	239,234	208,667	157,689	149,081	207,029
Cherokee	8,695	10,916	8,586	10,658	21,604	16,240	9,818	10,402	10,613	15,509	23,385	23,853	15,844
Chester	5,713	22,572	27,897	21,894	4,373	73,343	4,517	251,972	20,566	21,426	30,200	18,907	19,477
Chesterfield	3,746	7,545	15,192	12,805	16,194	14,738	12,181	0	11,855	11,946	11,373	15,453	24,320
Clarendon	6,019	4,574	4,605	5,500	9,296	8,951	10,288	7,352	10,194	9,491	10,086	10,086	9,800
Colleton	14,846	14,842	13,295	13,157	13,823	17,439	20,900	23,668	19,522	21,577	16,966	15,501	17,066
Darlington	15,118	21,252	19,662	12,614	17,358	16,264	16,755	11,721	16,100	23,934	24,681	20,946	19,088
Dillon	9,951	11,359	10,096	11,412	40,344	8,352	10,549	11,233	11,310	8,342	10,263	9,817	7,729
Dorchester	17,706	16,069	10,044	0	63,910	77,295	82,099	94,641	57,612	24,130	33,078	36,249	38,540
Edgefield	3,790	2,811	3,972	3,442	3,244	13,116	12,479	6,119	9,644	5,145	2,919	6,015	8,693
Fairfield	0	407	311	126	209	399	284	780	343	859	1,510	614	1,103
Florence	67,721	69,005	68,534	93,715	34,114	27,002	54,069	323,917	96,557	121,928	70,964	70,274	94,574
Georgetown	27,770	26,820	22,114	33,680	30,087	51,581	34,270	49,886	27,765	26,558	22,886	17,431	24,573
Greenville	136,406	130,381	148,152	87,157	142,780	163,834	161,738	210,924	168,463	145,991	185,015	165,827	193,009

COUNTY	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Greenwood	2,932	8,343	12,283	8,908	14,696	20,174	26,714	21,063	28,908	13,838	29,587	9,221	8,843
Hampton	3,349	5,714	3,221	7,444	8,590	7,786	8,993	7,462	10,466	3,001	3,901	2,837	3,408
Horry	121,949	116,954	135,648	170,856	155,676	226,672	332,583	141,007	109,953	82,451	80,687	90,370	90,065
Jasper	768	6,868	1,028	812	176	3,681	4,907	5,837	3,137	3,047	3,885	3,500	4,321
Kershaw	23,208	31,193	30,452	33,277	41,925	52,688	42,346	41,652	41,026	95,973	38,343	34,417	41,415
Lancaster	46,769	24,706	34,499	34,009	31,067	26,798	27,344	65,801	29,834	47,791	46,699	57,214	55,438
Laurens	7,464	8,875	17,156	19,634	6,655	11,435	16,860	12,811	7,359	9,990	13,982	18,761	13,154
Lee	0	0	0	0	0	0	0	0	0	0	152	81	0
Lexington	221,934	225,122	263,041	239,924	246,785	237,178	217,465	223,503	153,665	141,975	139,902	130,366	166,322
Marion	9,238	7,055	10,982	16,493	29,818	62,965	31,299	19,419	18,875	12,642	14,459	7,846	11,712
Marlboro	540	1,059	1,034	1,040	845	1,212	2,491	0	10,486	7,810	10,219	7,850	7,366
McCormick	1,086	937	820	957	1,335	4,409	1,669	1,009	1,023	1,616	349	572	820
Newberry	205	517	632	997	1,098	2,263	1,219	10,577	7,024	7,657	7,430	8,339	8,675
Oconee	27,064	24,291	23,577	29,279	19,867	23,838	26,385	24,337	22,577	20,181	19,753	72	16,109
Orangeburg	23,695	20,213	21,579	24,097	20,915	26,419	27,360	50,573	29,922	24,581	20,653	17,693	17,362
Pickens	18,496	20,097	30,323	23,880	34,754	17,951	20,807	21,867	19,806	15,726	17,229	18,417	15,547
Richland	205,404	190,545	220,088	206,332	216,945	216,246	196,701	198,115	199,056	123,076	217,915	199,102	225,910
Saluda	1,700	2,028	1,116	1,176	1,149	1,960	1,465	1,614	1,601	1,521	416	376	818
Spartanburg	91,717	103,904	39,812	71,553	71,917	71,047	72,161	80,217	65,229	60,479	91,667	94,359	89,547
Sumter	49,039	48,489	51,963	42,747	38,934	55,714	50,625	50,656	4,193	46,213	43,228	44,695	45,311
Union	5,892	20,178	2,928	1,018	1,236	8,421	2	6	3,082	3,790	5,273	7,416	2,595
Williamsburg	4,828	4,106	3,818	2,585	2,386	7,220	6,491	3,280	3,860	2,786	4,065	4,594	5,339
York	78,174	67,808	50,718	99,277	98,029	97,493	125,969	113,171	74,202	76,603	81,573	115,906	76,077
<b>TOTAL</b>	<b>1,735,447</b>	<b>1,754,201</b>	<b>1,827,171</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>

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.

TABLE 11.3: Class 3 Waste Generated for Disposal in Tons for Use in Demonstration of Need													
COUNTY	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Abbeville	25,879	23,792	25,909	18,817	15,836	17,219	17,959	15,611	13,987	13,874	15,844	15,874	17,416
Aiken	121,897	101,193	111,935	149,515	131,285	101,563	125,796	127,491	120,058	114,556	131,596	133,030	110,039
Allendale	6,297	6,549	6,540	5,903	6,990	5,813	10,990	7,932	7,209	6,522	6,268	6,593	5,344
Anderson	136,770	170,387	148,232	148,849	161,610	138,783	130,509	135,794	115,667	130,955	131,034	156,567	110,994
Bamberg	19,644	17,911	13,768	11,652	11,280	11,857	10,665	10,799	10,457	9,461	9,505	9,221	9,610
Barnwell	20,570	71,924	18,247	19,373	20,128	17,683	19,488	17,474	15,705	15,753	14,839	13,870	14,184
Beaufort	139,979	142,337	151,624	167,383	181,849	199,029	177,278	163,868	177,291	148,470	149,520	140,405	141,785
Berkeley	155,071	178,342	309,398	353,891	314,269	379,387	636,603	501,690	339,890	324,793	310,367	329,172	321,016
Calhoun	3,938	10,183	9,659	8,660	12,143	10,615	11,109	11,100	15,331	23,062	19,165	18,299	23,926
Charleston	159,547	166,317	191,932	391,841	285,117	256,089	281,938	270,676	274,636	325,997	497,192	646,461	416,222
Cherokee	86,395	78,519	73,943	71,332	71,145	69,106	88,008	52,137	77,652	85,767	143,803	97,121	86,507
Chester	31,543	58,377	44,435	37,070	37,847	43,496	33,323	63,758	30,115	26,297	23,799	27,785	20,945
Chesterfield	24,842	22,951	24,514	21,941	20,206	17,543	15,168	15,428	13,572	18,335	19,282	18,615	16,002
Clarendon	32,148	14,222	10,932	18,403	8,112	10,671	16,377	16,364	15,514	15,644	14,988	14,271	13,649
Colleton	19,762	53,092	31,938	35,071	38,826	39,014	39,358	44,683	38,032	100,137	35,435	32,485	32,421
Darlington	51,138	45,920	68,953	52,057	51,823	47,333	70,796	88,008	90,953	38,461	37,736	55,183	40,227
Dillon	38,571	37,795	49,694	26,970	34,416	31,492	38,616	35,317	25,246	24,321	20,698	26,619	20,006
Dorchester	65,143	71,509	97,934	163,930	139,405	149,202	121,366	125,826	123,105	98,774	89,423	80,904	81,370
Edgefield	14,822	14,774	14,870	13,969	13,406	13,371	14,473	15,531	15,158	13,119	12,096	14,532	12,431
Fairfield	21,065	19,664	23,076	22,546	21,981	20,721	22,041	21,306	22,927	21,214	20,804	21,438	24,338
Florence	150,094	148,367	151,123	152,909	154,874	149,919	135,663	139,811	165,766	132,582	237,630	143,999	140,552
Georgetown	59,655	71,720	70,531	49,736	50,709	54,719	51,870	42,675	43,011	48,446	58,651	54,806	61,184
Greenville	526,467	489,216	613,417	589,204	673,249	674,574	682,511	602,825	526,402	451,344	433,490	430,666	533,138



COUNTY	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Greenwood	105,728	93,699	91,719	109,407	120,320	117,341	112,858	102,693	84,863	98,963	79,053	82,206	95,435
Hampton	20,203	20,656	22,039	18,188	22,991	17,322	18,609	18,266	12,561	13,179	11,738	11,347	11,664
Horry	199,410	193,573	212,686	227,469	222,935	237,582	246,126	248,988	235,314	228,843	227,395	223,915	225,744
Jasper	15,351	15,457	17,692	27,039	22,100	22,050	32,139	32,966	30,904	18,928	13,508	19,992	19,706
Kershaw	37,575	39,716	45,597	40,162	44,233	43,368	41,904	37,705	37,240	43,691	33,342	45,040	36,894
Lancaster	30,175	36,565	35,088	35,623	31,561	33,842	30,489	34,114	30,054	28,506	30,619	30,151	27,494
Laurens	51,133	50,477	57,940	51,636	73,090	49,210	42,475	39,671	42,978	45,586	48,658	39,205	30,929
Lee	19,245	27,034	14,670	14,981	15,425	14,737	14,941	15,837	14,637	71,965	82,942	97,272	89,214
Lexington	128,951	172,856	221,323	256,226	171,692	193,268	190,583	188,295	171,124	169,820	160,941	184,188	207,563
Marion	13,830	16,585	4,796	21,673	14,380	21,683	26,141	30,454	21,241	18,733	17,015	8,879	16,576
Marlboro	10,401	16,763	15,289	21,815	12,004	13,276	12,332	10,314	12,063	14,913	15,547	14,653	17,082
McCormick	5,333	4,682	11,869	5,183	4,858	4,524	4,505	4,232	4,264	5,120	5,099	4,611	4,215
Newberry	44,292	47,662	47,893	48,591	50,420	49,951	48,603	39,330	40,574	41,072	38,657	37,991	40,422
Oconee	50,400	46,749	45,260	45,533	49,368	53,302	56,408	54,865	49,338	51,269	49,056	50,767	43,655
Orangeburg	85,677	84,278	98,350	92,969	94,382	100,988	89,386	79,245	75,717	70,448	72,983	90,870	114,552
Pickens	58,572	56,669	56,938	59,873	54,966	51,255	58,104	52,715	53,494	52,257	57,259	55,259	51,939
Richland	342,760	323,740	327,966	349,087	341,907	376,435	354,977	353,135	348,475	457,204	376,749	360,689	330,810
Saluda	8,702	8,619	9,197	9,684	14,687	11,870	11,116	11,025	9,680	12,673	22,074	42,534	8,052
Spartanburg	314,706	307,298	418,942	373,060	351,908	381,084	381,750	484,612	412,680	476,809	562,235	452,484	389,482
Sumter	96,023	95,752	119,698	135,220	156,345	163,056	108,801	101,854	94,452	86,824	84,673	78,304	76,653
Union	17,241	15,794	12,835	18,988	28,309	14,178	18,775	19,803	30,702	20,335	20,217	21,802	18,731
Williamsburg	36,385	26,966	26,100	25,582	28,259	39,045	45,506	79,698	52,614	34,282	17,842	9,620	11,176
York	144,255	139,609	147,720	152,150	166,059	161,476	167,139	160,675	172,941	148,718	141,161	143,618	215,786
<b>TOTAL</b>	<b>3,747,585</b>	<b>3,856,260</b>	<b>4,324,211</b>	<b>4,671,161</b>	<b>4,548,705</b>	<b>4,630,042</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>

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.

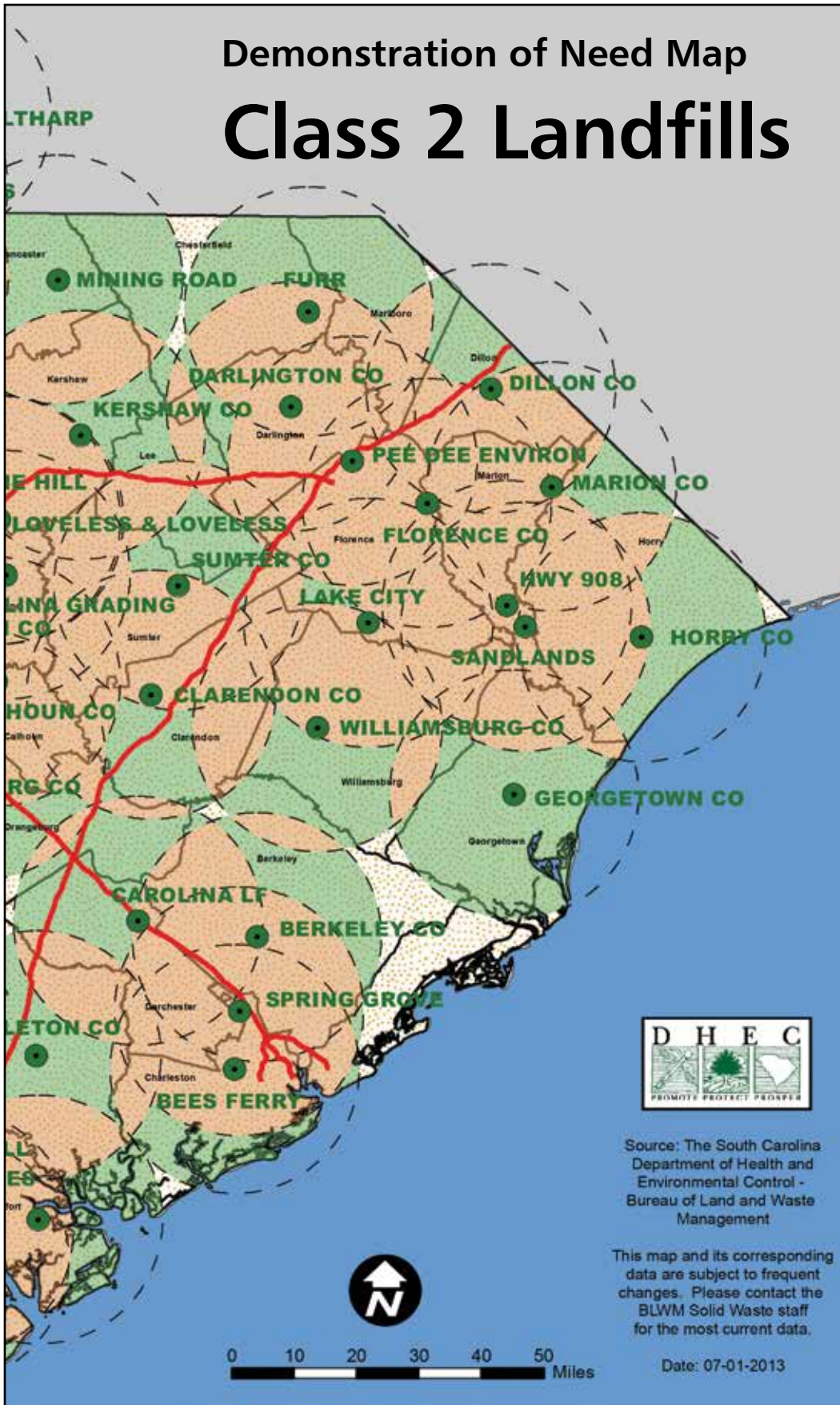






# Demonstration of Need Map

## Class 2 Landfills



## 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



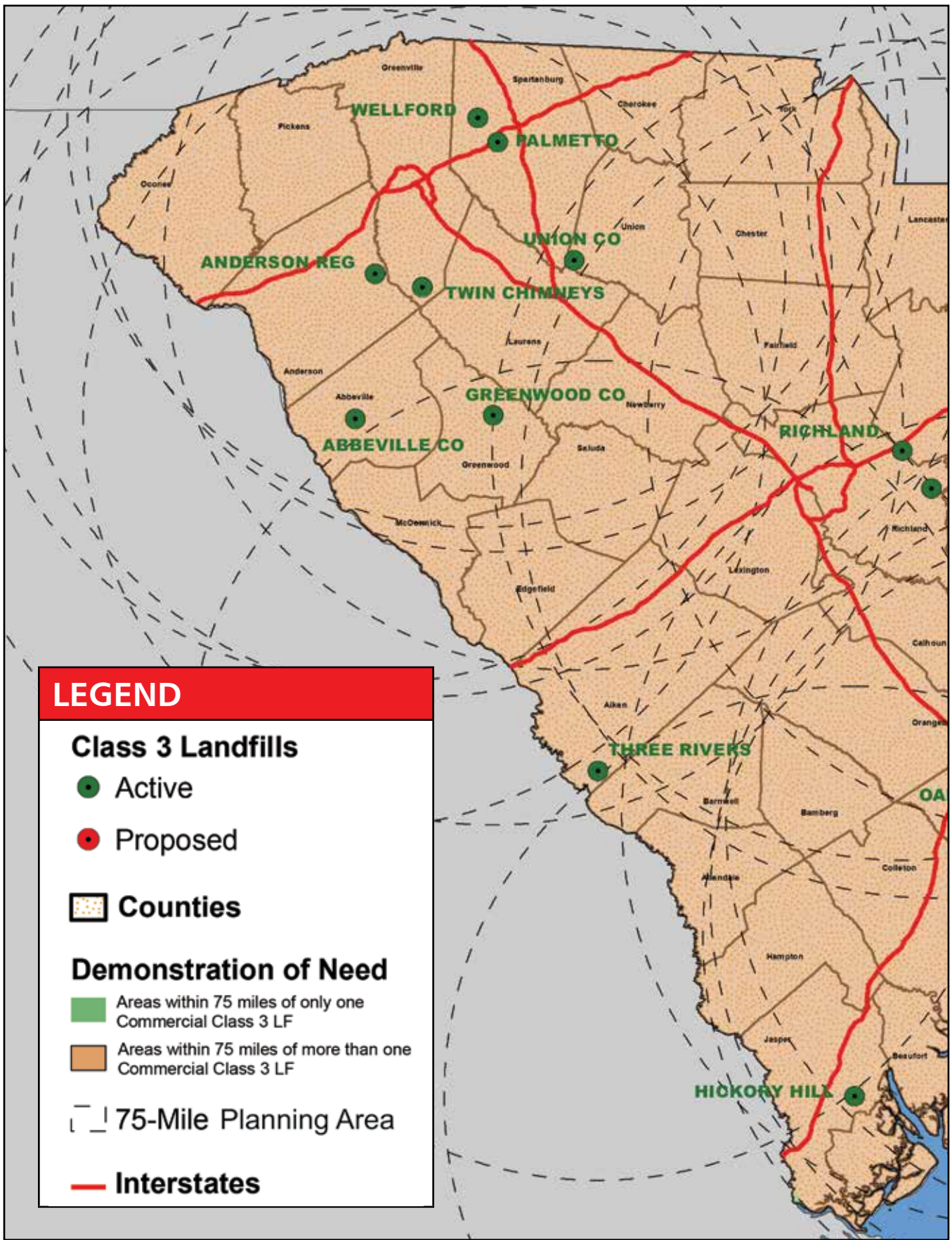
Source: The South Carolina Department of Health and Environmental Control - Bureau of Land and Waste Management

This map and its corresponding data are subject to frequent changes. Please contact the BLWM Solid Waste staff for the most current data.

Date: 07-01-2013

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

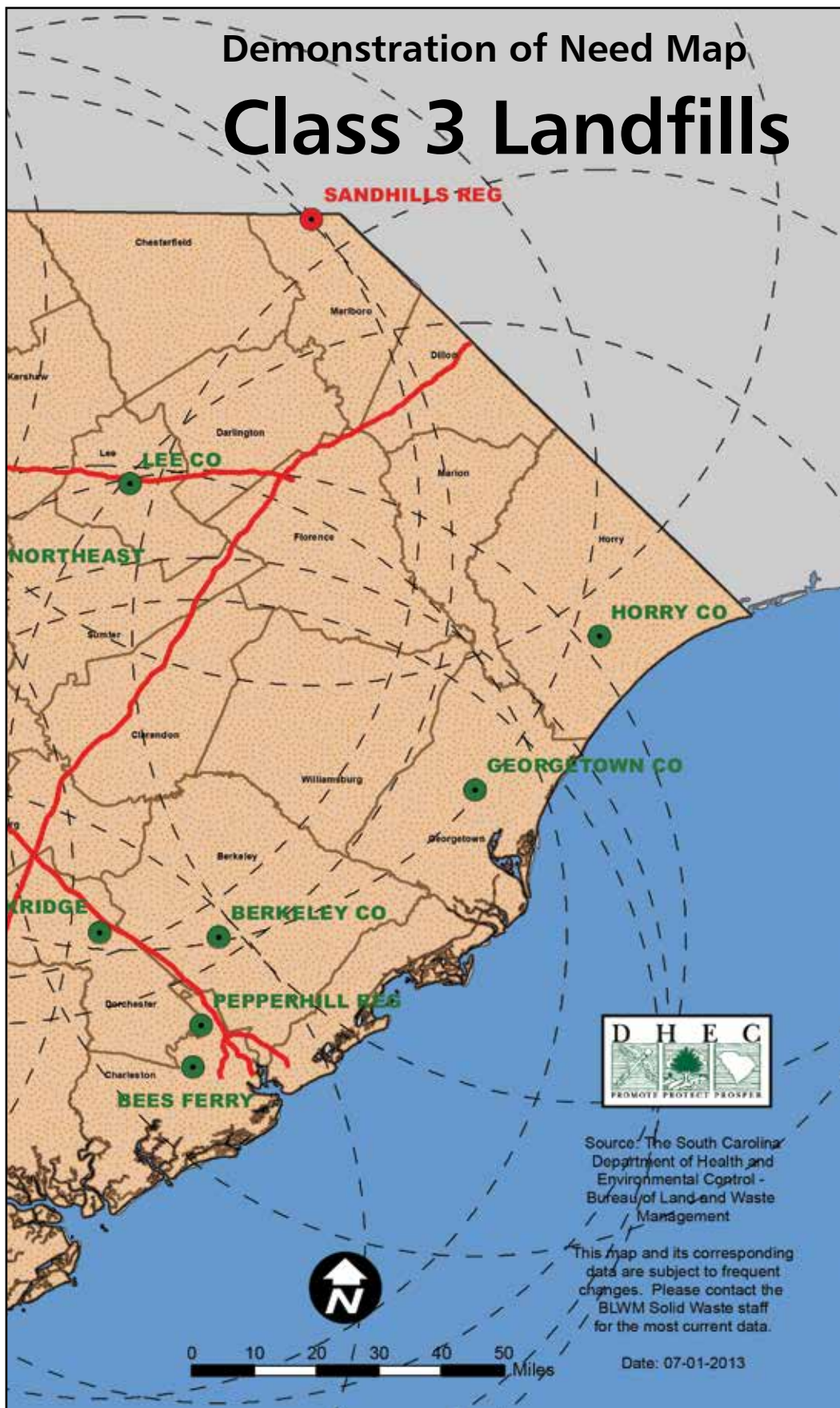






# Demonstration of Need Map

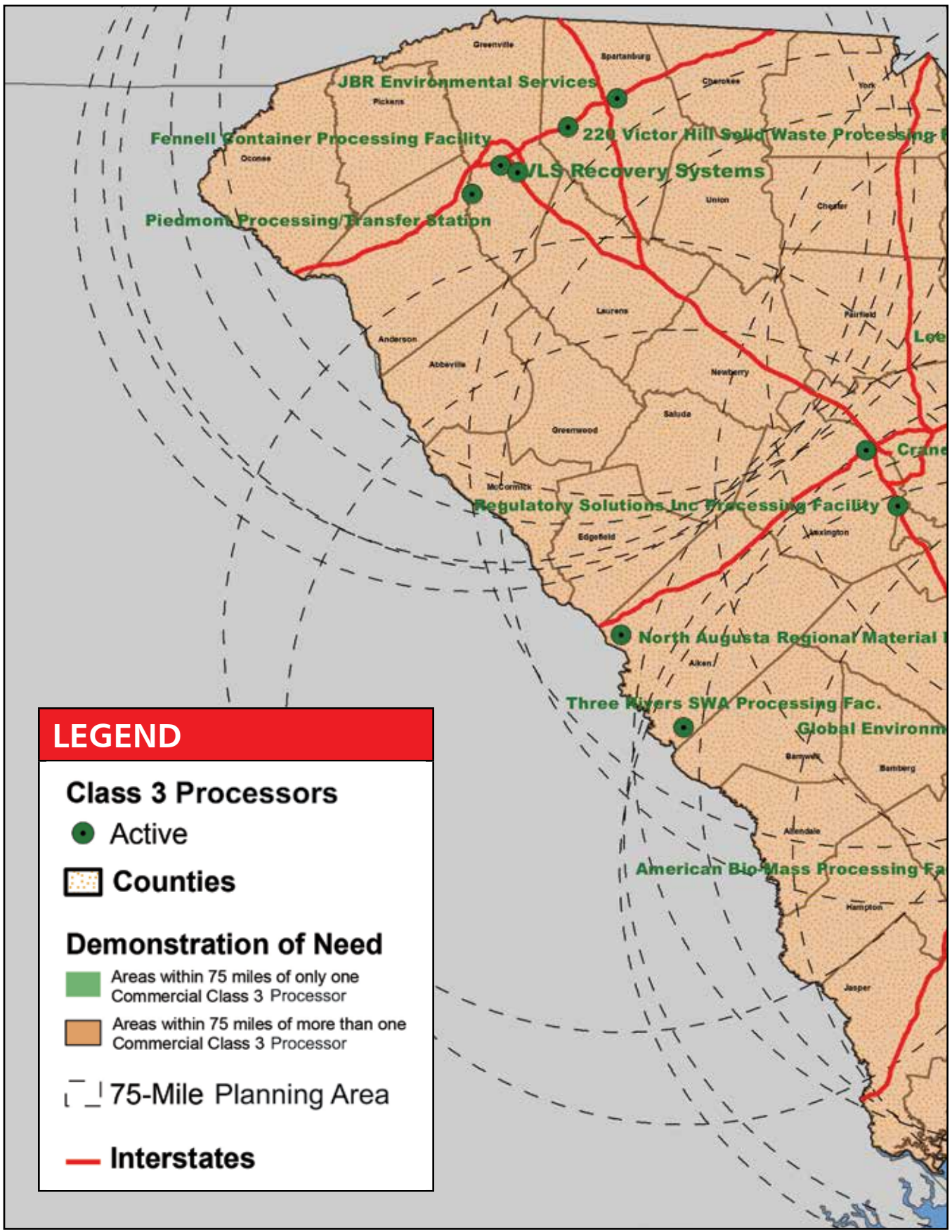
## Class 3 Landfills



### 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

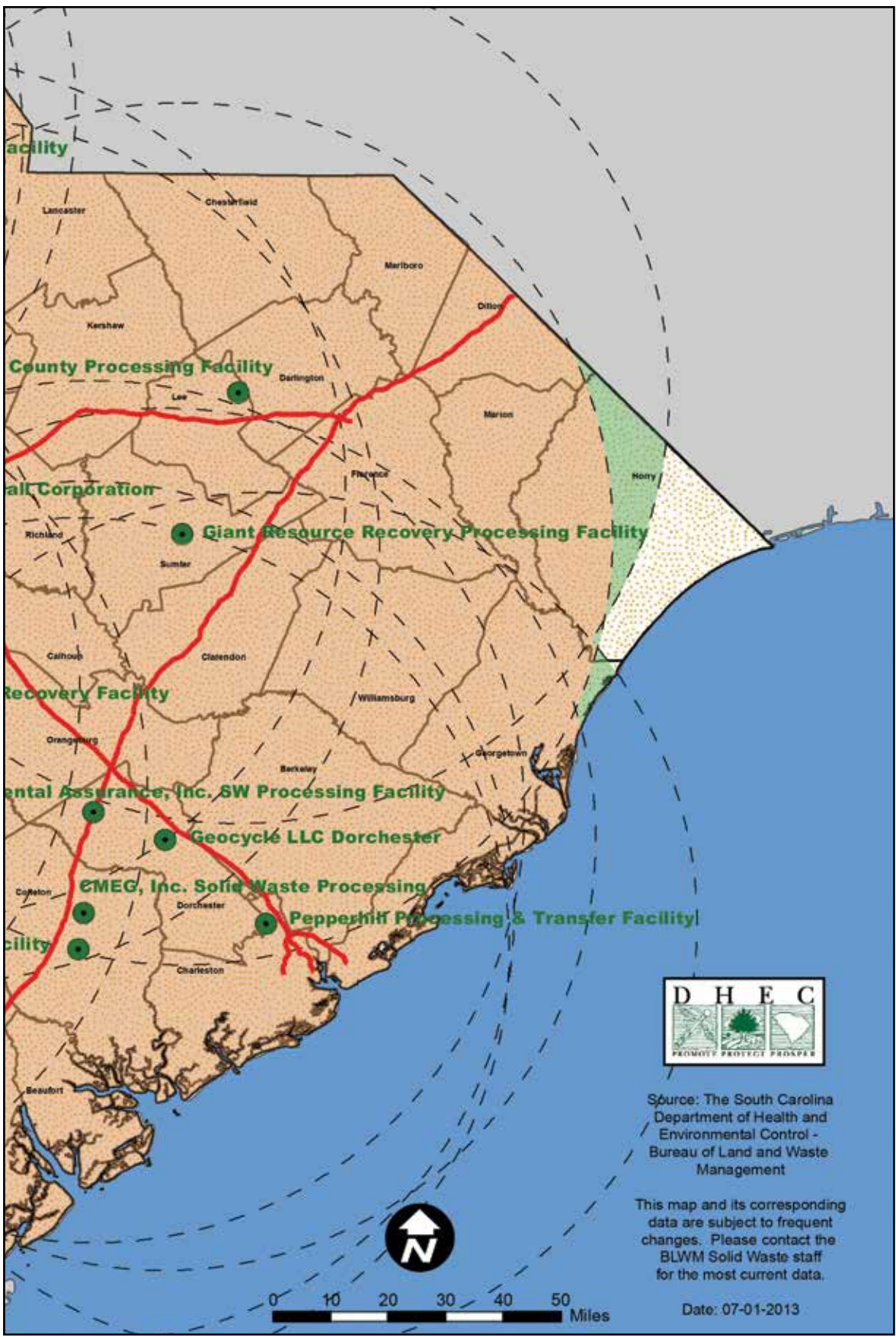
SOURCE: [www.scdhec.gov/environment/lwm/reg/R61-107-19.pdf](http://www.scdhec.gov/environment/lwm/reg/R61-107-19.pdf)





# Demonstration of Need Map

## Class 3 Solid Waste Processing Facilities



# Some of South Carolina's Curbside Recycling Programs



## Airport Recycling

One major initiative of DHEC was to provide recycling opportunities at the four busiest airports in South Carolina. Recycling containers were placed at the Columbia Metropolitan Airport in October 2008 followed by Greenville-Spartanburg International, Charleston International and Myrtle Beach International. In all, more than 100 containers were placed at these airports.

Travelers have the opportunity to recycle aluminum cans, plastic bottles and newspapers. This program reaches more than 5 million visitors a year.

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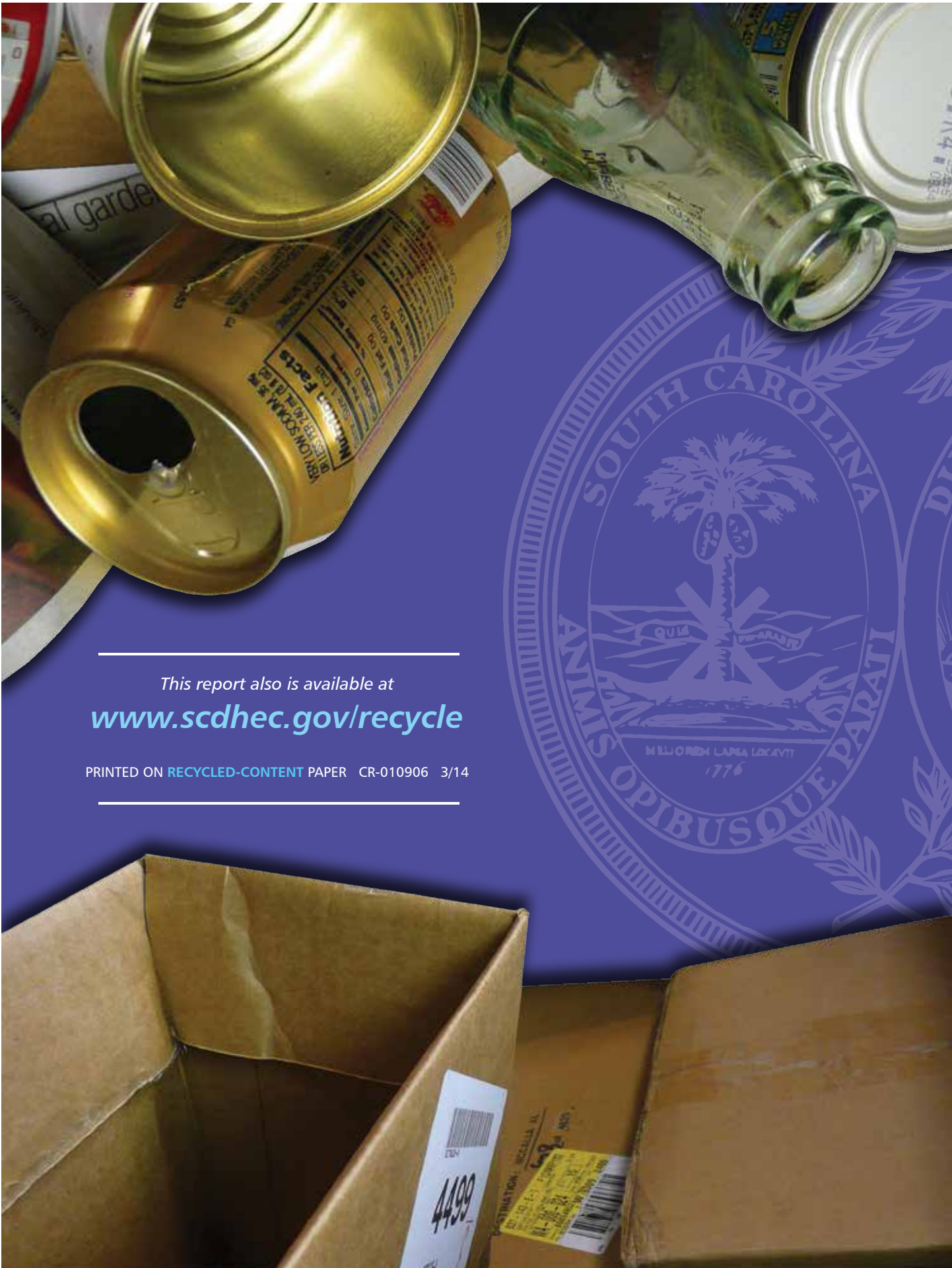
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