25th

Anniversary of the S.C. Solid Waste Policy & Management Act

South Carolina Solid Waste Management Annual Report

FISCAL YEAR 2015

DHEC

PROMOTE PROTECT PROSPER

Catherine E. Heigel, Director

S.C. Department of Health & Environmental Control

About this Report

SECTION 1

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

For the past 25 years, the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-10 et seq. – has played an integral role in furthering this mission. The Act establishes a comprehensive framework for the safe, cost-effective and efficient management of solid waste. For example it authorizes DHEC to:

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

The Act (Section 44-96-60) also requires DHEC to publish an annual report based in part on information that counties and solid waste facilities are required to provide.

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

This report, which reflects solid waste management activities in fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015), includes:

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

Table of Contents

SECTION 2: The Year at a Glance 3

SECTION 3: Recommendations for Improving Solid Waste Management 5

SECTION 4: The Economics of Managing Solid Waste in South Carolina 17

SECTION 5: Recycling by Commodity 19

SECTION 6: Used Motor Oil Recycling 29

SECTION 7: Recycling – State Agencies & Colleges/Universities 31

SECTION 8 Recycling – The State & Counties at a Glance 35

SECTION 9: Disposal 83

SECTION 10: Permitted Solid Waste Facilities 98

SECTION 11: Solid Waste Planning 103

Acknowledgements

The **"South Carolina Solid Waste Management Annual Report for Fiscal Year 2015"** 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 electronically. This report was published on March 15, 2016 by DHEC's Office of Solid Waste Reduction and Recycling. The report serves as an update to the State Plan.

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What is measured?

This report measures two types of solid waste and how they are managed – municipal solid waste (MSW) and total solid waste (TSW). See Table 1.1 for definitions and examples of each.

Who reports?

Permitted solid waste facilities are required by the Act and subsequent regulation to submit annual reports on disposal data to DHEC. County governments, regions, state agencies and state-supported colleges/universities are required to report recycling data annually to DHEC (Section 44-96-80 and Section 44-96-140).

TABLE 1.1: What is MSW and TSW?

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

Recycling data also is collected from municipalities, businesses and the recycling industry (and allocated to the counties where the material was generated), but these entities are not required to report. Because recycling data reporting is strictly voluntary, data collection from these sources is inconsistent from year to year. (See the recommendation for improving reporting on page 6).

When Using this Report

All data is carefully vetted. Recycling and disposal data are combined to determine the solid waste generation tonnage. The state's recycling rate is the amount of material recycled divided by amount of waste generated. When reviewing the tables, keep in mind that in general recycling tonnage is rounded to the nearest hundredth and disposal data is rounded to the nearest ton. Some totals do not add up due to rounding.

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

MSW Goals

40% by 2020

South Carolina's goal is to recycle at least 40 percent of its MSW by FY20.

3.25 p/p/d by 2020

The state's goal is to reduce MSW disposal to 3.25 pounds (or less) per person per day (p/p/d) by FY20.

The Year at a Glance

SECTION 2

This report provides an overview of the amount of solid waste generated, disposed of and recycled in South Carolina for fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015) as required by the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-60.

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

S.C. Recycling Rate
FY15
26.5%

S.C. Waste Reduction Rate
FY15
3.47 p/p/d

*Pounds Per Person Per Day

A Note on the Numbers

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

The Act requires permitted solid waste facilities (e.g., landfills) to report disposal data to DHEC resulting in 100 percent of this information being collected. The Act also requires county governments, state agencies and state-supported colleges and universities to report the amount and type of material recycled. Businesses are not required to report, but can voluntarily provide information on their recycling activities.

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

The Top 10 Takeaways for FY15

1. **In FY15, the amount of MSW generated (recycled plus disposed of) was 4,159,578 tons.** Of that amount, 1,101,190 tons (26.5 percent) were recycled and 3,058,388 tons (73.5 percent) were disposed of in MSW landfills including MSW generated in South Carolina but disposed of out of state.
2. **The amount of MSW disposed of decreased 9,554 tons (0.31 percent) in FY15 from the previous FY.**
3. **The state's per capita waste reduction rate was about the same at 3.47 pounds.**
4. **The amount of MSW recycled decreased 167,903 tons (13 percent) in FY15.**
5. **On average, each South Carolinian recycled 453 pounds of MSW in FY15.**
6. **The amount of MSW recycled fell for the second straight FY.** It was, however, the seventh consecutive FY (and 11 of the past 12 FYs) that South Carolinians recycled more than 1 million tons of material. More than 18 million tons of MSW have been recycled since FY01.
7. **In FY15, the amount of MSW disposed of dropped by more than 400,000 tons from the record-high 3.4 million tons disposed of in FY06.**
8. **Residential recycling fell 33,218 tons in FY15 from the previous FY** – mostly due to a significant drop in the amount of yard trimmings recovered.
9. **In FY15, the amount of TSW disposed of increased by more than 398,000 tons* from the previous FY.**
10. **The amount of TSW recycled dropped by half falling from 6,030,557 tons in FY14 to 2,968,766 tons in FY15.**

*Rev. April 2016

FY15

By the Numbers

CHART 2.2: Tons of MSW Disposed of and Recycled by FY, 2001 to 2015

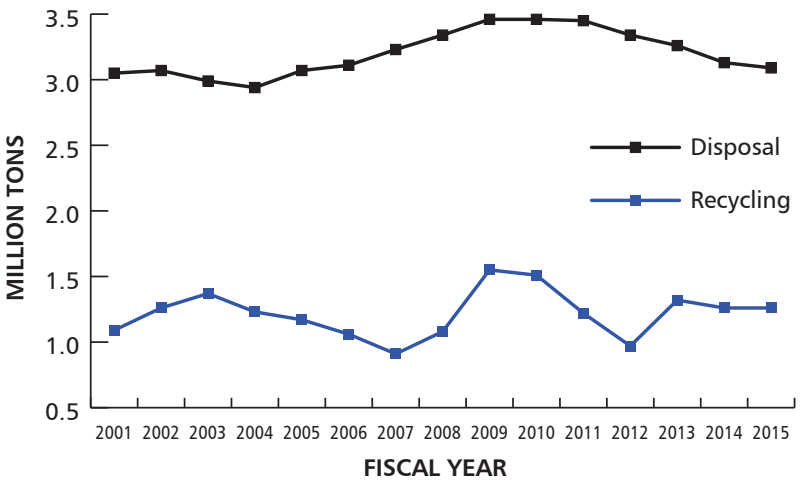


TABLE 2.1: S.C. Population

YEAR	POPULATION
2011	4,625,364
2012	4,679,230
2013	4,723,723
2014	4,774,839
2015[1]	**4,832,482**

TABLE 2.3: S.C. MSW Recycled[2] by FY

FISCAL YEAR	RECYCLED IN TONS	RECYCLING RATE BY PERCENT	RECYCLED IN P/P/D
2011	1,172,768	27.7%	1.4
2012	1,229,100	29.5%	1.4
2013	1,371,960	31.5%	1.6
2014	1,263,495	29.2%	1.4
2015	**1,101,190**	**26.5%**	**1.3**

TABLE 2.4: S.C. TSW Recycled by FY

FISCAL YEAR	RECYCLED IN TONS	RECYCLING RATE BY PERCENT	RECYCLED IN P/P/D
2011	4,913,823	38.6%	5.8
2012	5,314,842	40.8%	6.2
2013	7,700,976	49.3%	8.9
2014	6,030,557	43.2%	6.9
2015	**2,974,363**	**26.3%**	**3.4**

TABLE 2.5: S.C. MSW Disposed[2] of by FY

FISCAL YEAR	DISPOSED OF IN TONS	DISPOSED OF IN P/P/D
2011	3,065,806	3.6
2012	2,935,876	3.4
2013	2,985,852	3.5
2014	3,067,942	3.5
2015	**3,058,388**	**3.5**

TABLE 2.6: S.C. TSW Disposed of by FY

FISCAL YEAR	DISPOSED OF IN TONS	DISPOSED OF IN P/P/D
2011	7,824,312	9.3
2012	7,696,559	9.0
2013	7,906,522	9.2
2014	7,918,780	9.1
2015	**8,317,621***	**9.4**

TABLE 2.7: S.C. MSW Generated[2] by FY

FISCAL YEAR	GENERATED IN TONS	GENERATED IN P/P/D
2011	4,238,574	5.0
2012	4,164,976	4.9
2013	4,357,812	5.1
2014	4,331,437	5.0
2015	**4,159,578**	**4.7**

TABLE 2.8: S.C. TSW Generated by FY

FISCAL YEAR	GENERATED IN TONS	GENERATED IN P/P/D
2011	12,738,135	15.1
2012	13,011,401	15.2
2013	15,607,497	18.1
2014	13,949,336	16.0
2015	**11,291,984***	**12.8**

*Rev. April 2016

NOTES:

1. The population data used in this report reflects the most recent estimate available from the U.S. Census Bureau.
2. See Table 9.11 on page 93 for a breakdown by county of MSW recycling, disposal and generation.

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

Much has been accomplished since the passage of the Act. For example, South Carolina has fewer landfills and less illegal dumping. More rigorous requirements for landfills and other solid waste facilities are in place. Solid waste management technology has dramatically improved. Greenhouse gas emissions have been reduced.

At the same time, the state's recycling infrastructure has grown to 93 curbside programs, 580 recycling drop-off centers and 891 used oil collection centers for do-it-yourself oil changers. Each of South Carolina's 47 state parks and historic sites offer recycling. Companies set zero waste goals. The state's recycling industry is growing with more than 520 companies and a $13 billion annual economic impact.

While South Carolina can enjoy the many accomplishments of the past 25 years, much remains to be done.

While South Carolina can enjoy the many accomplishments of the past 25 years, much remains to be done.

With more individuals, businesses, organizations, schools, colleges/universities and government agencies recycling more than ever, nearly 74 percent of the MSW generated in South Carolina was disposed of in landfills. Disposal of valuable material is a waste of resources and lost economic opportunity. What steps need to be taken to keep it out of the landfill?

More specifically, how do we prevent and recover more food waste? How do we improve construction and demolition (C&D) debris recycling? How does the state address waste-to-energy and other new technologies? What needs to be done to grow South Carolina's recycling industry and recycling markets?

What can local governments do to better manage the rising cost of the essential solid waste services that they offer?

Beyond these challenges, there is a nationwide shift in thinking from traditional waste management (e.g., disposal, recycling) to sustainable materials management (SMM). This new approach is centered on using and reusing materials more productively throughout their entire life cycle. Looking at how materials are used throughout their life cycle provides new opportunities to reduce environmental impacts, conserve resources and lessen costs.

South Carolina is well prepared to make this transition and meet all its challenges by building on the foundation created by the policies and goals outlined in the Act. These goals and policies include:

- **Ensure that landfills and other solid waste facilities are properly sited, designed, constructed, operated and closed** to protect human health and the environment;
- **Promote regionalization** to manage solid waste more efficiently;
- **Promote waste reduction, reuse and recycling** above other methods that preclude further use of the material;
- **Work towards achieving South Carolina's waste reduction and recycling goals**;
- **Work with county governments to create and maintain 20 years of landfill capacity**; and
- **Provide and improve outreach, education and access of information** to residents, businesses, organizations, schools and others on solid waste management issues.

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

1 Update the State Plan.

The Act (Section 44-96-60) requires DHEC to develop a state solid waste management plan (State Plan) and outlines the types of information that must be part of the publication. The State Plan sets the direction, purpose and vision for South Carolina's management of its solid waste. Counties and regions must develop solid waste plans that are consistent with the State Plan. Smart planning at both the state and local level provides South Carolina the opportunity to manage its solid waste in a safe, efficient and environmentally responsible manner and move towards meeting the state's waste reduction and recycling goals.

While the State Plan is updated through the publication of the S.C. Solid Waste Management Annual Report, it has not been revised since 1999. The State Plan needs to be revised to reflect new issues, new recyclable material and significant changes in technologies and practices as well as the knowledge gained from successes and shortcomings in the past 15-plus years. A new State Plan also is necessary to meet the responsibility of providing up-to-date data and an overall direction for county governments as they update their solid waste plans.

RECOMMENDATION

Publish a new State Plan by June 30, 2017.

2 Improve reporting.

The focus of this report, as required by the Act, is MSW (see definition on page 2) and specifically the state's MSW recycling rate. It is important to know that South Carolina's recycling rate reflects what is reported to DHEC on an annual basis – not necessarily what is actually recovered for recycling. Currently, only county governments, state agencies and state-supported colleges/universities are required to report recycling efforts to DHEC. Businesses are not required to report – so it is unclear how much recycling data is missed. Lack of reporting by businesses becomes more significant when it is generally accepted that MSW generation is roughly 60 percent residential and 40 percent commercial.

Lack of reporting by businesses becomes more significant when it is generally accepted that MSW generation is roughly 60 percent residential and 40 percent commercial.

There are efforts to secure commercial recycling numbers. Many counties ask businesses for recycling information, but most local governments don't have the resources to address this issue. DHEC, through its S.C. Smart Business Recycling Program and Green Hospitality Program, provides a Web-based reporting tool. DHEC and local governments also work with processors to gather statewide commercial recycling tonnages. All of these efforts provide some numbers, but lead to incomplete and inconsistent reporting from year to year. It is important to note that permitted solid waste facilities are required to report to DHEC all material disposed of in South Carolina landfills or exported for disposal. The state's recycling rate is calculated by dividing the state's total recycling tonnage by the state's total generation tonnage (recycling total combined with disposal total). DHEC receives complete information on disposal and residential recycling, but incomplete information on commercial recycling. Given that, the state's recycling rate is skewed and does not accurately reflect recycling efforts across all sectors.

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

RECOMMENDATIONS

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

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

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

3 End the myth that recycling is free.

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

Residents must be made aware that they are paying for two basic solid waste management options: disposal and recycling.

Both of these myths need to end. Residents must be made aware that they are paying for two basic solid waste management options: disposal and recycling. Both management choices help protect human health and the environment. But once a material is disposed of in a landfill, it has no additional value and produces no additional economic activity.

Conversely, recycling offers a chance to earn revenue, avoid disposal costs and generate further economic activity. Material that is recycled and reintroduced into a manufacturing process supports economic growth and development through the creation of businesses, markets and jobs necessary to support those activities. The economic impact study (see Section 4) completed in 2014 shows the significant, positive impact the recycling industry has on South Carolina's economy.

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

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

RECOMMENDATIONS

Conduct research to develop information and tools that local governments can use to promote recycling centered on the economic impact of recycling. This work will be done in partnership with the S.C. Department of Commerce and University of South Carolina's Moore School of Business. This information should include an analysis comparing the life-cycle costs of disposal to recycling and of the jobs created by each method of material management.

Develop an information campaign to increase awareness to residents of the costs of solid waste management (i.e., disposal, recycling). Integrate that campaign into the RecycleMoreSC campaign and other potential venues.

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

Recycling is big business in South Carolina.

"The Economic Impact of the Recycling Industry in South Carolina" is a 2014 study commissioned by DHEC, the S.C. Department of Commerce and others. It shows that the industry, which is comprised of more than 520 companies, is responsible for more than 22,000 direct jobs (a 44 percent increase from 2006), $2.7 billion in annual labor income (up 80 percent from 2006) and $329 million in state and local taxes each year.

The study was completed by Dr. Frank Hefner of the College of Charleston's Department of Economics and Finance. To view the complete study, please visit **www.scdhec.gov/HomeAndEnvironment/Recycling/EconomicImpact/**.

4 Maximize food waste reduction and recovery opportunities.

Food waste is the top item thrown away by Americans accounting for 35.2 million tons (21 percent) of the nation's discards in 2013 according to the U.S. Environmental Protection Agency (EPA). Nationally, about 1.8 tons (5 percent) of the food waste generated was recovered.

Nationally, about 5 percent of the food waste generated was recovered.

Applying those percentages to South Carolina's MSW generation, the state produced an estimated 607,298 tons of food waste in FY15 and recovered only 1 percent (6,083 tons).

Clearly, if South Carolina is to achieve its per capita waste reduction (3.25 pounds or less) and recycling goals (40 percent of the MSW stream) by 2020, the state must include a concentrated focus on increased food waste prevention and recovery.

Food waste reduction and recovery includes:

- **Preventing food waste before it is created**;
- **Donation**; and
- **Composting and other options** (e.g., anaerobic digestion).

These actions have significant economic, social and environmental benefits. Preventing food waste can save businesses money through improved purchasing and food preparation practices that result in lowered disposal costs. Donation, done properly, is a safe and easy way to provide much needed food to individuals. Composting turns excess food that is not fit for consumption into a nutrient-rich soil amendment.

Eliminating Food Waste

Food waste is much more than a solid waste issue. In the United States, it is estimated that at least 31 percent of edible food goes to waste – a loss valued at more than $160 million according to EPA. A family of four on average throws away about $1,500 of uneaten food ever year according to the U.S. Department of Agriculture (USDA). At the same time about one in six Americans – about 50 million people overall – live in food insecure households according to a November 2014 study.

Added to these numbers is the loss of natural resources used to produce food that is never eaten. Steps are being taken to address this issue. In September 2015, USDA and EPA announced America's first food waste reduction goal – committing to a 50 percent reduction by 2030.

In November 2015, another step was taken in South Carolina when DHEC, EPA and Southeast Recycling Development Council sponsored the Food Recovery Summit in Charleston. The event ended with a commitment to develop a strategic vision and plan to move forward and achieve the national goals.

FOOD RECOVERY SUMMIT

RECOMMENDATIONS

Develop and promote best management practices to reduce food waste. Hospitality facilities, colleges/universities, institutions (e.g., nursing homes, hospitals) and businesses should be encouraged to closely track food waste, change purchasing habits and train staff to ensure the efficient preparation of food.

Continue to promote food waste prevention and recovery throughout the region through the partnership with the Southeast Recycling Development Council.

Continue to promote food recovery through the Green Hospitality Program and the S.C. Smart Business Recycling Program.

Increase food recovery on military bases in South Carolina by continuing to work with the Department of Defense Alliance stakeholder group.

Find a regional solution for organic material in the Midlands by continuing to work with EPA, Fort Jackson, the University of South Carolina, S.C. Department of Commerce and local governments.

Increase the quality and quantity of recovered food waste by continuing to work with all stakeholders to improve infrastructure as possible.

Develop a stakeholder group to encourage efficient, proper practices of food donation.

Develop a campaign to educate residents on strategies for reducing food waste. Work with local governments and state agencies to provide technical assistance, outreach programs and grant funding if possible. As part of this effort, develop a comprehensive Web site to include a one-stop shop of information for all stakeholders including a listing of food recovery options.

5 Compost more yard trimmings.

Yard trimmings comprise about 34.2 million tons (13.5 percent) of the nation's MSW waste stream according to EPA.

Increased recovery of yard trimmings will decrease South Carolina's per capita disposal and increase the state's MSW recycling rate ...

In South Carolina, it is estimated that more than 560,000 tons of yard trimmings were generated in FY15. Of that amount, only 35 percent (197,488 tons) was recovered.

Increased recovery of yard trimmings will decrease South Carolina's per capita disposal and increase the state's MSW recycling rate as well as conserve resources, produce nutrient-rich soil amendments and create jobs and businesses.

RECOMMENDATIONS

Composting should be encouraged from backyard to large-scale systems and promoted to all stakeholders including households, schools, colleges/universities, businesses, U.S. Department of Defense facilities and other government entities.

Promote residential and small-scale community composting. This strategy includes working closely with local governments to offer technical assistance, outreach programs and grant funding to support residential compost bin sales.

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

Expand school composting programs. Provide technical assistance, training and grant funding to increase the number of schools recovering organic material through composting and waste reduction. Develop partnerships through the "Action for a Cleaner Tomorrow" program to set up composting systems in elementary and middle schools.

Map commercial compost operations, generators of food waste and markets by continuing to work with the S.C. Department of Commerce Recycling Market Development Program.

6 Increase C&D debris recycling.

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, new gypsum scrap, asphalt paving and other building components.

Reducing and recycling C&D debris conserves natural resources, saves landfill space, improves landfill stability and compaction, reduces the environmental impact of producing new material, creates jobs and reduces project expenses through avoided purchases and disposal costs.

C&D debris recycling is only occurring at a small level and remains a significant challenge.

Despite the many benefits, C&D debris recycling is only occurring at a small level and remains a significant challenge. South Carolina, like other states, faces two 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 almost always less expensive for contractors and builders to dispose of the material than take the time to separate, store and find a market. Limited markets also can lead to the creation of illegal stockpiles or dumped C&D debris, when collectors fail to either recycle or properly dispose of the material.

To encourage the recycling of C&D debris, many local governments throughout the United States have adopted policies and C&D bans. Some examples are mandating a 50 percent C&D debris recovery rate.

RECOMMENDATIONS

Develop and implement a plan to promote the benefits of C&D recycling to all stakeholders that includes a Web-based clearinghouse and printed material (e.g., C&D manual, pocket guide, posters and signage).

Encourage local governments to determine whether any policy change or bans would be effective in increasing C&D debris recycling in their community.

7 Manage electronics recycling programs efficiently.

Unwanted electronics, often called e-scrap, contain potentially hazardous material such as lead and mercury that can pose a risk to human health and the environment if not properly managed. Unwanted electronics also contain valuable material such as precious metals that can be recovered through responsible recycling.

Recycling electronics helps protect the environment, conserve resources and provide raw material for new products. Given that, South Carolina passed legislation in 2010 that banned the disposal of specific electronics in solid waste landfills effective July 1, 2011. In short, residents are required to recycle computers, computer monitors, printers and televisions. The legislation was revised on March 4, 2014 to add more specific requirements and recovery obligations for computer monitor and television manufacturers.

These obligations require a manufacturer of computer monitors or televisions to recycle or arrange to recycle either: 1) 80 percent of the weight of computer monitors and televisions sold the previous year; or 2) join a representative organization (partnership) of manufacturers that provides recycling services to local governments proportionate to their market share for the previous year. Specifics of these requirements are outlined in the legislation.

If measured by the amount of material recovered, electronics recycling has been successful in South Carolina. If measured by cost to local governments to offer programs, it has been a costly endeavor. Despite funding assistance by computer monitor and television manufacturers as required by the legislation, recovery costs have dramatically increased the past several years, placing a severe burden on local government budgets.

RECOMMENDATIONS

Local governments should follow best management practices when collecting, storing and packaging material to reduce human health and environmental risk as well as potentially increase revenue for material.

Local governments should provide as much packaging and sorting to potentially increase revenue for material.

8 Increase recovery of hard-to-recycle items.

Many products that are part of the MSW stream are not easily recovered including carpet, paint, mercury-containing lamps, thermostats, rechargeable batteries, mattresses and many household goods (e.g., cleaners, pesticides). These products frequently are costly to recover, have limited markets and often contain hazardous material (e.g., mercury-containing lamps). There are several ways to address these products. One approach is to simply place a fee on the product when it is purchased that, in turn, is used to recover the material. Another approach is for industry to take the lead in recovering its product (e.g., Call2Recycle – the program that recovers rechargeable batteries). In this effort, industry provides outreach material, collection containers (almost always located in retail outlets) and shipping of the collected material to the recycling facility at no cost.

Another approach uses everyone involved with the product. The approach – known as product stewardship – is simply defined as all parties that are involved in the design, manufacturing, selling and use of a product take responsibility for the environmental impact of that product throughout its entire life. Product stewardship addresses a number of factors including: the effectiveness of current collection and recycling of the product; costs to local governments to manage the material; disposal rates; toxic components of the product; interest and readiness of industry, government and markets; and life-cycle analysis.

There is only one product stewardship program in South Carolina – electronics – specifically computer monitors and televisions. By law, these manufacturers have recovery obligations that help fund the cost to recover these products. The state also is working with state and national groups involved in increasing the recovery of carpet.

RECOMMENDATIONS

Use nationally established programs to recover more material.

Work with all stakeholders to increase the collection of hard-to-recycle items.

9 State agencies and colleges/ universities should lead by example.

As part of South Carolina's effort to meet its waste reduction and recycling goals, state agencies and state-supported colleges/universities are required by the Act to recycle and buy recycled-content products (See specifics in the box below).

Beyond those requirements, state agencies as well as colleges/universities should lead by example. These stakeholders not only generate significant quantities of recyclables but also can use their considerable purchasing power to buy recycled-content products to support recycling markets and South Carolina's recycling industry.

RECOMMENDATIONS

Implement the Green Government Initiative to increase recycling and buying recycled-content products at state agencies. This campaign includes technical assistance, training and recognition as well as tools to improve reporting of recycling activities as required by the Act.

Promote the 7.5 percent price preference for recycled-content products as outlined in the Act to ensure that it is consistently implemented.

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

Update and promote the state's Environmentally Preferred Purchasing Policy. Set up a stakeholder group to review and revise this policy.

Stimulate new recycling markets through state agency procurement practices. Educate purchasers on recycled-content products, particularly those on state contract. Ensure that the list of recycled-content products and specifications are updated annually as required by the Act.

Recycling, Buying Recycled Requirements for State Government

The Act (Section 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.

This section of the Act also outlines requirements and goals for these stakeholders on purchasing recycled-content products. These requirements include:

1. **A goal that 25 percent of products purchased contain recycled content**;
2. **A system to track and report those purchases annually to DHEC**; and
3. **A 7.5 percent price preference for recycled-content products.**

South Carolina also established an Environmentally Preferred Purchasing Policy in 2009 that provides additional information, standards, guidance and tools for state agencies as well as colleges/universities.

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

Visit **www.scdhec.gov/recycle** and select "Data and Reports."

10 Local governments should maximize efficiency of their recycling programs.

Local government programs are the front line of solid waste management. These services – which represent a significant investment – include collection of garbage and recyclables through curbside programs and/or drop-off centers as well as programs for composting, electronics and hazardous household material.

According to full-cost disclosure reports submitted to DHEC, local governments spent more than $323 million to manage solid waste in FY15 and more than $1.6 billion since FY11.

While some of these costs are offset by avoided disposal costs and the revenue earned from the sale of recyclables, each program should always ask how it can be more efficient, more cost-effective and more successful.

Local governments spent more than $323 million to manage solid waste in FY15 and more than $1.6 billion since FY11.

RECOMMENDATIONS

Maintain an up-to-date solid waste plan that focuses on minimizing the amount of material that is disposed of in landfills.

Provide as much education and outreach as possible to residents. Maintain up-to-date information on the Web. Review materials periodically. Make clear what is recyclable in the program and what is not.

Use roll carts for residential recycling collection as possible. The use of roll carts often increases participation and the amount of material collected.

Promote the environmental and economic benefits of recycling to community decision makers.

Develop local or regional partnerships that can improve programs (e.g., national retailers located in your community, local businesses, nearby local governments, schools, non-profits, other government agencies).

Identify improvements that can be made without additional costs to programs (e.g., adding a commodity).

Partner with local businesses and recycling processors to encourage commercial waste reduction, recycling and reporting of these activities.

RecycleMoreSC Campaign Introduced to Boost Statewide Recycling

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

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

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

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

recyclemoresc

11 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 offset 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.

As part this effort, residents need to understand the true cost of managing solid waste. See Section 4 for more information.

RECOMMENDATIONS

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

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

12 Enhance and strengthen education and outreach.

From elementary school students to local government decision makers, education, outreach and technical assistance are essential tools to help South Carolinians understand and promote the economic and environmental benefits as well as the challenges of recycling and encourage them to do their part and participate.

South Carolina has the infrastructure to recycle far more material than is being recovered.

South Carolina has the infrastructure to recycle far more material than is being recovered. The primary way to improve recovery is with successful outreach and education efforts that inspire people to change their behavior and make recycling a social norm.

DHEC's Office of Solid Waste Reduction and Recycling (Office), as required by the Act, plays a key role in providing outreach and education programs and projects as well as technical assistance to schools, colleges/universities, businesses, local governments, the public and other stakeholders. The Office, however, is only one stakeholder. Every South Carolinian has the opportunity – and responsibility – to do their part.

RECOMMENDATIONS

Encourage and assist local governments to offer outreach and education programs to residents on community recycling options and to look for partnerships to promote recycling.

Encourage local governments to adopt the RecycleMoreSC outreach campaign.

Identify opportunities to promote the economic benefits of recycling to local decision makers and appropriate organizations.

Inspire more businesses to reduce waste, recycle, report these activities and use the resources of the S.C. Smart Business Recycling Program.

Increase the number of hotels, motels, restaurants and bars that are reducing their environmental impact through resources from DHEC's Green Hospitality Program and participation in the Green Hospitality Alliance.

Encourage more teachers and schools to participate in "Action for a Cleaner Tomorrow" trainings and classroom presentations and take advantage of DHEC's K-12 environmental education resources.

Continue to expand public-private partnerships to set up, promote and maintain recycling in public venues (e.g., airports, state and local parks, welcome centers, athletic fields). Encourage "twinning the bin" by placing a recycling receptacle beside every trash receptacle.

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

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

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

When managed properly, tires can be used in construction activities and new products as well as burned for energy recovery.

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.

The proper management of waste tires continues to be a priority. DHEC has initiated steps to prevent illegal tire dumping and to help ensure the movement of tires to recycling facilities. These initiatives include a revision to Regulation 61-107.3 Solid Waste Management: Waste Tires, which became effective in 2015. The regulation revision clarifies reporting and record keeping, and expands the operational, permitting and registration requirements for haulers, collectors and processors of waste tires. One important change is new financial assurance requirements for certain waste tire haulers. Waste tire haulers that haul tires for compensation by other persons are now required to provide $10,000 in financial assurance in order to become registered. Financial assurance is not required for persons who haul 15 or fewer tires at any time or for those who haul tires they have generated in the course of their own business.

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

RECOMMENDATIONS

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

Work with the EPA and others to gain understanding of the potential dangers of crumb tire rubber in certain applications especially playgrounds and sports turfs.

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

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

Involve local governments. DHEC should continue to assist county and municipal governments in implementing waste tire management programs that prevent illegal dumping and encourage the purchase of high-value products made from waste tires. DHEC also should work with local governments to develop programs that expedite the removal of tire dumps and stockpiles. As of the publication date of this report, there have been no confirmed cases of Zika virus in South Carolina; however, mosquitoes also may carry West Nile virus and eastern equine encephalitis. It's important to control the mosquito populations in our communities, and removing waste tire dumps and other sources of standing water helps eliminate mosquito breeding grounds.

14 Prevent illegal dumping of other material.

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

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

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

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

- **Low Risk** – Haulers that dump tires and land-clearing debris and other material, face a low risk of being identified because the material they dump is difficult to trace to the source. Law enforcement and judicial bodies also may not consider the impact of this dumping on the health, environmental or economic welfare of a community, resulting in low fines and penalties against dumpers.
- **Cost Factors** – The cost of properly recycling or disposing of certain materials creates an incentive for illegal dumping. The average fee to recycle waste tires, for example, is higher in South Carolina than the cost to properly dispose of MSW in a landfill. In addition, when a recycled material has a low intrinsic value, the costs to process and sell the material may be greater than the revenue received from its sale. Collectors may stockpile material to avoid processing costs.
- **Generator Responsibility** – Waste generators sometimes encourage illegal dumping by choosing the lowest cost option available to dispose of waste, without regard for how their waste is managed.
- **Statutory and Regulatory Exemptions** – The Act provides regulatory exemptions for recycling activities. While this is a positive incentive for legitimate recyclers, some operators use these loopholes to claim they are performing a recycling activity when, in fact, their activities more closely resemble unpermitted landfills.

RECOMMENDATIONS

Regulatory agencies, local governments, private sector businesses and residents should work together to prevent illegal 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 and add litter control staff.

Recycling Market Resources

The Green Resource Index, which is designed to help businesses, industry, local governments and others, is a continuously updated, Web-based directory that includes recyclers by commodity, material substitution providers, recycling service providers and equipment vendors. Visit **www.scdhec.gov/recycle**.

The S.C. Materials Exchange is designed to help businesses, non-profits and other organizations exchange reusable material by providing users access to information on material available or wanted. Visit **www.scdhec.gov/scme**.

15 Maintain and continue to develop recycling markets.

Recycling markets and market development are an indispensable component of South Carolina's waste management system. Markets use material that otherwise would be disposed of and keeps that material in circulation, creating jobs, conserving resources, reducing the need to build landfills and lessening negative environmental impacts. Recycling only works when there are businesses to buy and reprocess the material that is collected.

South Carolina is fortunate to have a robust recycling industry as well as access to other major companies in the Southeast that need recovered material.

South Carolina has several key players focused on market development. The S.C. Department of Commerce's Recycling Market Development Program and the Recycling Market Development Advisory Council work together to create and grow recycling markets and provide technical assistance as well as track growth, investment and other recycling industry indicators. In addition, the state is a member of the Southeast Recycling Development Council (SERDC). SERDC represents 11 states and works toward coordinating efforts in the region to promote recycling, recycling partnerships and markets through technical assistance and tools.

South Carolina is fortunate to have a robust recycling industry (see Section 4) as well as access to other major companies in the Southeast that need recovered material. These recycling markets, though expanding and widely available for most commodities, continue to be impacted by low regional tipping fees, price fluctuations, competition with virgin material and the economic competition of disposal.

In summary, while much has been accomplished, much remains to be done such as recovering more and cleaner material in a more efficient way and finding solutions for hard-to-recycle items such as carpet, mattresses and fluorescents.

RECOMMENDATIONS

Conduct research to provide more detailed information on the economic impact of recycling with the S.C. Department of Commerce and the University of South Carolina's Moore School of Business. Work will include determining the benefits of increased recycling of specific commodities and comparing the costs/benefits of disposal, recycling and waste-to-energy.

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

Consider incentives to assist in the development of recycling businesses.

Consider the implementation of potential programs to stimulate and support markets for specific material.

Continue to work to attract commercial composting investment in South Carolina. While local governments can play an integral role in developing organics recovery infrastructure in the state, it simply will not work without private investment. Provide technical assistance (e.g., mapping food waste generators across the state).

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

Work with national, regional and state stakeholders to find new or improved market-based solutions for commodities (e.g., tires, plastic, glass, carpet, C&D debris).

Work with state agencies (e.g., S.C. Department of Transportation) **to increase the use of recycled-content material** developed by South Carolina companies.

S.C. Smart Business Recycling and Green Hospitality Programs

These programs help businesses of all sizes reduce waste, recycle and lessen their environmental impact.

Both programs offer free, confidential, non-regulatory services including: best management practices fact sheets and guides; site visits and technical assistance; research and contacts for potential markets, service providers and beneficial reuse; on-demand webinars; and workshops.

To learn more, visit **www.scdhec.gov/smartbusiness** or **www.scdhec.gov/greenhospitality**.

The Economics of Managing Solid Waste in South Carolina

SECTION 4

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

These services are no simple task. They are multiple and varied and include disposal, recycling, staffing, outreach/education, trucks, fuel, equipment, buildings, land, insurance and managing facilities (e.g., landfills, transfer stations). They must be done in a way to protect human health and the environment. They must be safe and efficient.

These services are also expensive. Local governments spent more than $323 million to manage solid waste in fiscal year (FY) 2015 (July 1, 2104 to June 30, 2015) and more than $1.6 billion since FY11 according to the full-cost disclosure information reported to the S.C. Department of Health and Environmental Control.

When looking at the overall cost of solid waste management, the first question frequently asked is "What is the cost of disposal compared to recycling?" Local government recycling programs compete with the consistently low cost of disposal in South Carolina – tipping fees average $40 per ton. What is often forgotten is that recycling, at a minimum, avoids disposal costs and may offer the chance to earn revenue from the sale of the material.

Unfortunately, the revenue from the sale of recyclables is at best an inconsistent benefit. Recyclables, it must be remembered, are commodities that are subject to the same changes in value as other commodities. Recycling markets are historically very inconsistent and throughout this reporting period trending downwards.

In summary, local governments face a difficult economics balancing act of cost and services. No matter the choice – disposal or recycling – there is a cost. (See the recommendation on ending the myth that recycling is free on page 7.)

The Economic Impact of Recycling

While local government program choices and costs are discussed and debated, it is accepted that recycling plays a significant role in the nation's and South Carolina's economy. The reason is simple. Material that is disposed of adds no further value. Material that is recycled and reintroduced as a feedstock into a manufacturing process continues to generate economic activity.

Recycling creates significant economic activity in South Carolina. The state's recycling industry is comprised of more than 520 companies that haul, collect, process and broker material, sell equipment and manufacture recycled-content products. This industry provides more than 22,000 direct jobs, $2.7 billion in annual labor income and nearly $330 million in state and local taxes every year according to a 2014 study. Overall, the industry has a $13 billion annual impact on the state's economy.

Recycling Investment

The recycling industry continued to grow in 2015 with new companies coming to South Carolina and existing companies expanding their operations. Twelve new or existing companies made $260 million in capital investments and created more than 550 jobs according to the S.C. Department of Commerce Recycling Market Development Advisory Council.

Since 2011, the industry has invested more than $1.3 billion and created more than 3,500 jobs. See Table 4.1 for more information.

Estimated Lost Revenue

It is estimated that 525,543 tons of easily recyclable material – aluminum cans, cardboard, glass bottles and jars, office paper, plastic bottles and steel cans – was disposed of in FY15.* Using the state's average tipping fee of $40 per ton, it is projected that local governments spent more than $21 million to dispose of this material.

It is also estimated that more than $157 million in potential revenue from the sale of this material was lost based on the average revenue received per ton as reported by local governments of each of these types of material.

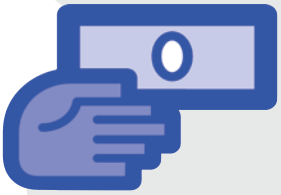
* The estimated amount of material disposed of that could have been recycled is calculated by using the U.S. Environmental Protection Agency's most recent municipal solid waste (MSW) generation rates to South Carolina's FY15 generation.

The Economic Impact of Recycling in South Carolina*

The recycling sector provides
22,403 jobs
to South Carolina's economy.

The recycling sector provides
$329 million
in state and local taxes each year.

In South Carolina, there are
more than 520
recycling-related companies.



The annual average wage of the recycling sector is
$40,203
(vs. the national annual average wage of $38,700).

In 2014, the state's recycling industry doubled its annual total economic impact to
$13 billion
(from $6.5 billion in 2006).

South Carolina saw a
44% increase
in recycling employment from 2006 to 2014 (a 4.7 percent annual growth rate).

* **SOURCE: "The Economic Impact of the Recycling Industry in South Carolina,"** Dr. Frank Hefner, College of Charleston Department of Economics and Finance. The study, which was released in April 2014, is a follow-up to the 2006 study. The annual figures reflect 2013 data.

The state's recycling industry provides a total of
$2.7 billion
in labor income generated annually.

TABLE 4.1: Recycling Investments in South Carolina

YEAR	CAPITAL	NEW JOBS	BUSINESSES
2011	$333,000,000	837	15
2012	$463,000,000	771	19
2013	$104,000,000	765	10
2014	$156,000,000	586	9
2015	$260,000,000	565	12
TOTAL	**$1,315,000,000**	**3,524**	**65**

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 the amount of municipal solid waste (MSW) recycled by commodity and county. This information is gathered from counties – which are required to provide this data to DHEC (Section 46-96-80) – and from voluntary reporting by businesses and municipalities.

This section highlights the commodities that comprise MSW as defined by South Carolina – glass, metal, paper, plastic, organics, banned items, miscellaneous items and commingled recyclables.

Glass, metal, paper and plastic are considered traditional commodities and serve as the foundation of local government recycling programs.

Appliances, electronics (i.e., computers, monitors, printers, televisions), lead-acid batteries, used motor oil and whole waste tires are banned by law from any type of landfill disposal. Yard trimmings are banned from disposal in Class 3 landfills. The majority of yard trimmings, however, are disposed of in Class 2 landfills. See Table 9.1 on page 83 for a breakdown of landfill classifications.

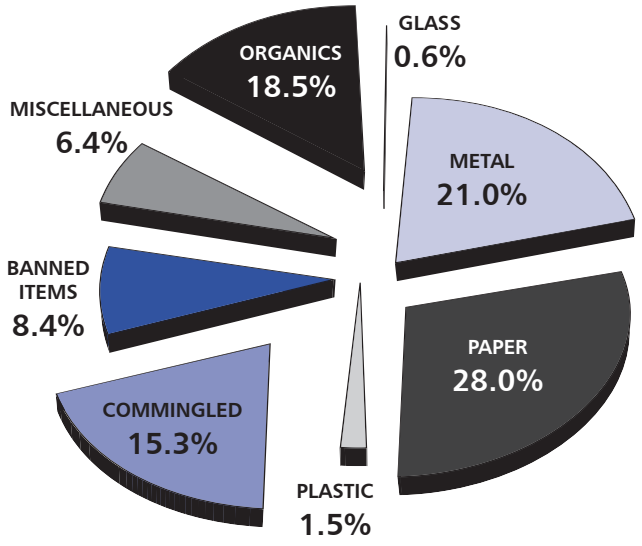
Miscellaneous recyclables include antifreeze, cooking oil, fluorescent bulbs, hazardous household material (HHM), inkjet/toner cartridges, mattresses, paint, rechargeable batteries, textiles, used motor oil filters and wood packaging. Levels of collection differ in local government programs.

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

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

Overall, paper was the top commodity recovered – comprising 28 percent of the MSW recycled in FY15. Metal, paper and organics combined to make up nearly 68 percent of the MSW recycled. See Chart 5.1 and Table 5.2 for a breakdown of commodities recycled by percent and amount for FY15. For a breakdown of the amount of each commodity recycled since FY11, see page 28.

CHART 5.1: MSW Commodities Recycled as a Percentage of All MSW Recycled in FY15*



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

TABLE 5.2: Amount of MSW Commodities Recycled in FY15

COMMODITY	TONS
Banned	92,566.37
Commingled	168,573.82
Glass	6,288.69
Metal	236,137.27
Miscellaneous	70,943.61
Organics	203,571.24
Paper	305,797.77
Plastic	17,311.26

TABLE 5.3: Glass Recycled by County in Tons

COUNTY	BROWN	CLEAR	GREEN	MIXED	COUNTY TOTAL
Abbeville	0	0	0	1.63	1.63
Aiken	0	0	0	0.59	0.59
Allendale	0	0	0	2.39	2.39
Anderson	111.43	162.15	111.46	2.09	387.13
Bamberg	0	0.03	0	1.27	1.30
Barnwell	0	0	0	0	0
Beaufort	12.01	3.26	2.01	879.87	897.15
Berkeley	0	0	0	14.22	14.22
Calhoun	0	0	0	0.59	0.59
Charleston	0.04	0.58	0	15.77	16.39
Cherokee	28.71	39.10	17.41	0.69	85.91
Chester	0	0	0	45.91	45.91
Chesterfield	0	0	0	0.69	0.69
Clarendon	0	0	67.70	0.59	68.29
Colleton	0	0	0	36.92	36.92
Darlington	0	0.25	0	0.52	0.77
Dillon	0	0	0	0.52	0.52
Dorchester	0.01	0.01	0.01	0.76	0.79
Edgefield	0	0	0	1.63	1.63
Fairfield	1.27	0	0	54.43	55.70
Florence	0	0	0	0.52	0.52
Georgetown	0.01	0.05	0	209.41	209.47
Greenville	0	2.52	0	27.76	30.28
Greenwood	0	0	0	1.63	1.63
Hampton	44.60	0.04	0.03	0.59	45.26
Horry	0.01	0.05	0	1,508.27	1,508.33
Jasper	0	0	0	0.87	0.87
Kershaw	0	0	0	21.46	21.46
Lancaster	0	0	0	0.69	0.69
Laurens	4.29	64.18	0	1.65	70.12
Lee	0	0	0	1.17	1.17
Lexington	131.05	182.01	88.26	24.72	426.04
Marion	0	0	0	0.52	0.52
Marlboro	0	0	0	0.52	0.52
McCormick	0	0	0	1.63	1.63
Newberry	0.40	0.40	0.05	85.67	86.52
Oconee	72.45	127.68	124.52	1.56	326.21
Orangeburg	0	0	0	7.66	7.66
Pickens	98.30	205.20	87.63	23.00	414.13
Richland	22.16	11.55	65.70	241.62	341.03
Saluda	0	0	0	1.63	1.63
Spartanburg	0.15	0.15	0.03	31.51	31.84
Sumter	521.60	37.60	0	119.72	678.92
Union	0	0	0	0.69	0.69
Williamsburg	0	0	0	0.52	0.52
York	135.07	199.42	122.64	5.38	462.51
STATE TOTAL	**1,183.56**	**1,036.23**	**687.45**	**3,381.45**	**6,288.69**

TABLE 5.4: Metal Recycled by County in Tons

COUNTY	ALUMINUM	FERROUS	NON-FERROUS	STEEL	MIXED SCRAP	COUNTY TOTAL
Abbeville	1.35	120.23	0.00	0.12	613.82	735.52
Aiken	0.97	1.45	0.00	1.03	523.32	526.77
Allendale	0.32	1.30	0.00	4.53	50.15	56.30
Anderson	84.00	3,983.81	2.25	61.84	3,521.96	7,653.86
Bamberg	0.59	2.92	0.00	0.08	61.88	65.47
Barnwell	0.00	0.00	0.00	0.00	0.00	0.00
Beaufort	1,268.93	46,106.65	0.00	1.11	27,573.57	74,950.26
Berkeley	7.13	972.66	6.36	74.80	980.05	2,041.00
Calhoun	0.50	1.30	0.00	0.04	91.80	93.64
Charleston	10.51	59.27	0.00	0.05	718.32	788.15
Cherokee	13.16	1.51	0.00	18.97	5,657.44	5,691.08
Chester	5.03	7.69	0.00	2.50	119.95	135.17
Chesterfield	1.79	59.26	0.00	0.05	211.53	272.63
Clarendon	4.98	52.99	0.00	4.63	7.43	70.03
Colleton	398.45	2.84	0.00	438.05	1,017.87	1,857.21
Darlington	3.47	52.84	75.00	0.05	220.63	351.99
Dillon	0.25	1.15	0.00	0.04	152.83	154.27
Dorchester	8.68	448.60	230.00	6.86	84.54	778.68
Edgefield	5.68	303.09	0.00	3.33	18.41	330.51
Fairfield	1.40	1.51	0.00	9.43	131.68	144.02
Florence	0.62	72.21	0.00	1.19	44.02	118.04
Georgetown	106.84	6,402.24	0.00	1.49	316.36	6,826.93
Greenville	3.96	631.63	343.73	35.28	1,875.25	2,889.85
Greenwood	116.62	5,009.58	3,000.00	13.23	16,896.30	25,035.72
Hampton	0.31	1.32	0.00	0.05	302.48	304.16
Horry	381.03	9,873.17	210.10	327.76	5,291.39	16,083.45
Jasper	2.55	85.83	5.00	224.48	6.91	324.77
Kershaw	65.79	2.58	0.00	0.08	313.92	382.37
Lancaster	0.85	1.51	0.00	6.93	103.41	112.70
Laurens	7.33	527.10	0.00	39.68	44.55	618.66
Lee	3.51	2.58	0.00	9.47	458.73	474.29
Lexington	86.39	9,402.69	2,033.55	3.01	1,252.45	12,778.09
Marion	0.23	1.15	0.00	0.04	22.26	23.68
Marlboro	95.10	6.15	0.00	15.72	377.72	494.69
McCormick	2.87	126.78	0.00	3.85	15.45	148.95
Newberry	5.81	237.78	4.40	0.17	632.47	880.63
Oconee	25.84	3.43	0.00	0.66	597.18	627.11
Orangeburg	3.83	1,252.99	0.00	0.04	522.19	1,779.05
Pickens	143.37	127.47	33.70	112.96	1,617.51	2,035.01
Richland	299.34	20,880.63	6,577.13	132.82	897.96	28,787.88
Saluda	4.44	220.67	0.00	0.12	16.87	242.10
Spartanburg	2.82	810.59	197.44	10.25	3,250.58	4,271.68
Sumter	69.90	81.60	0.00	71.11	4,699.63	4,922.24
Union	0.29	1.51	0.00	0.05	5.58	7.43
Williamsburg	0.92	16.15	0.00	212.15	173.37	402.59
York	341.59	19,220.52	778.90	10.91	8,516.75	28,868.67
STATE TOTAL	**3,589.34**	**127,180.93**	**13,497.56**	**1,861.01**	**90,008.47**	**236,137.31**

TABLE 5.5: Paper Recycled by County in Tons

COUNTY	CARDBOARD	MAGAZINES	NEWSPAPER	OFFICE PAPER	PAPER-BOARD	PHONE BOOKS	MIXED PAPER	COUNTY TOTAL
Abbeville	837.07	1.73	0.09	7.84	0.00	0.15	197.16	1,044.04
Aiken	3,699.83	0.67	0.06	14.25	0.04	0.06	605.30	4,320.20
Allendale	18.94	0.65	0.03	2.30	0.01	0.08	4.19	26.20
Anderson	12,366.97	3.43	1.42	1,862.90	0.53	1.15	2,329.44	16,565.85
Bamberg	75.80	1.41	0.06	1.15	0.00	0.12	0.58	79.12
Barnwell	866.83	0.00	0.00	0.64	0.00	0.00	0.26	867.73
Beaufort	5,891.66	1.72	689.62	1,536.12	61.63	0.07	884.96	9,065.78
Berkeley	5,229.32	9.72	2.24	50.10	1.00	0.07	271.46	5,563.90
Calhoun	154.71	1.63	1.03	0.80	0.00	0.06	1.24	159.47
Charleston	13,240.18	1.29	5.58	510.77	3.09	0.07	582.48	14,343.46
Cherokee	1,733.85	0.73	0.04	165.66	0.00	0.06	361.93	2,262.27
Chester	638.95	0.80	93.52	2.22	0.00	0.09	1.48	737.06
Chesterfield	1,264.58	0.95	0.47	2.01	0.00	0.06	0.56	1,268.62
Clarendon	744.18	0.63	0.03	1.11	0.00	0.16	88.09	834.20
Colleton	562.35	0.78	0.06	1.74	0.01	0.07	0.31	565.32
Darlington	815.04	0.75	0.03	10.24	0.18	0.20	2,066.79	2,893.23
Dillon	766.20	0.55	16.45	0.68	0.00	0.05	10.38	794.30
Dorchester	2,900.94	0.80	0.05	163.89	0.00	0.08	1,131.13	4,196.90
Edgefield	155.24	1.73	112.08	1.39	0.00	0.15	50.89	321.48
Fairfield	1,128.55	0.73	0.04	3.97	0.00	0.06	163.36	1,296.70
Florence	3,346.42	1.05	0.03	57.88	0.00	0.30	15.12	3,420.80
Georgetown	1,723.41	3.18	340.76	18.42	0.06	0.13	74.12	2,160.08
Greenville	23,431.28	1.68	77.91	247.16	0.03	0.35	6,025.52	29,783.93
Greenwood	5,334.30	2.03	863.36	82.60	0.00	157.00	261.07	6,700.37
Hampton	198.93	0.63	0.03	2.89	0.01	0.06	60.54	263.09
Horry	34,584.80	19.24	4,218.14	1,598.08	529.15	41.43	451.94	41,442.78
Jasper	884.58	0.78	32.61	2.21	0.10	0.07	9.86	930.20
Kershaw	1,081.73	1.24	0.06	2.65	0.00	0.11	0.48	1,086.27
Lancaster	1,768.82	0.73	0.04	21.92	0.00	0.20	17.59	1,809.30
Laurens	1,169.14	2.73	199.27	8,226.06	1.25	0.15	450.60	10,049.21
Lee	123.67	1.24	0.06	1.45	0.00	0.11	29.97	156.50
Lexington	8,047.67	1.64	31.61	186.16	0.15	0.31	1,589.17	9,856.71
Marion	1,437.82	0.55	0.03	1.06	0.00	0.07	2.09	1,441.62
Marlboro	952.27	86.55	358.78	278.52	170.62	0.06	521.29	2,368.09
McCormick	155.75	1.73	48.75	1.39	0.00	0.15	60.85	268.62
Newberry	6,944.65	1.73	0.09	18.03	0.00	0.15	480.45	7,445.10
Oconee	6,521.04	1.65	154.41	7.77	0.00	0.27	769.18	7,454.32
Orangeburg	5,189.93	0.64	72.09	67.67	0.00	0.06	12.84	5,343.23
Pickens	4,832.83	5.91	0.14	83.76	0.03	0.16	2,140.84	7,063.67
Richland	25,580.93	90.70	198.17	1,717.40	64.71	0.51	666.34	28,318.76
Saluda	45.17	1.73	80.38	6.03	0.00	0.20	102.86	236.37
Spartanburg	31,486.00	4.15	3.78	963.22	2.50	2.81	14,303.58	46,766.04
Sumter	4,077.61	2.02	212.60	138.18	0.00	0.21	1,336.44	5,767.06
Union	322.89	0.76	0.04	0.70	0.00	0.60	0.28	325.27
Williamsburg	271.90	0.55	0.03	5.75	0.00	0.77	30.02	309.02
York	10,069.56	10.59	697.17	1,602.26	2,406.20	109.92	2,929.85	17,825.55
STATE TOTAL	**232,674.28**	**276.13**	**8,513.24**	**19,678.97**	**3,241.30**	**318.97**	**41,094.88**	**305,797.77**

TABLE 5.6: Plastic Recycled by County in Tons

COUNTY	HDPE	LDPE	PET	PP	PS	VINYL	COMMINGLED PET & HDPE	MIXED PLASTIC	COUNTY TOTAL
Abbeville	0.63	20.79	30.29	0.00	0.00	0.00	0.00	172.65	224.36
Aiken	0.01	46.03	0.00	0.00	0.00	0.00	0.00	37.74	83.79
Allendale	0.01	0.00	0.00	0.00	0.00	0.00	0.00	1.48	1.49
Anderson	197.39	156.26	2.92	0.00	0.00	0.00	33.19	128.47	518.23
Bamberg	0.02	0.00	0.00	0.00	0.00	0.05	0.00	5.33	5.40
Barnwell	0.00	12.51	0.00	0.00	0.00	0.00	15.38	15.38	43.27
Beaufort	18.86	24.59	0.00	0.00	0.00	0.00	353.64	41.95	439.04
Berkeley	16.67	24.91	0.53	0.00	0.00	0.00	44.88	283.39	370.39
Calhoun	6.64	0.03	0.00	0.00	0.00	0.00	0.00	7.02	13.69
Charleston	0.90	100.24	0.00	0.00	0.00	0.00	2.33	461.35	564.81
Cherokee	7.02	16.71	0.00	0.00	0.00	0.00	26.50	222.46	272.69
Chester	0.02	9.36	0.00	0.00	0.00	0.00	0.00	51.90	61.28
Chesterfield	20.38	93.61	0.29	0.00	0.00	0.00	0.00	3.38	117.66
Clarendon	0.06	7.15	0.00	0.00	0.00	0.00	0.00	1.46	8.67
Colleton	0.02	13.88	0.00	0.00	0.00	0.00	68.35	160.21	242.46
Darlington	0.26	16.33	0.00	0.00	0.00	0.00	0.25	35.31	52.15
Dillon	0.01	4.14	0.00	0.00	0.00	0.00	0.00	3.27	7.42
Dorchester	115.02	56.31	0.01	12.00	0.00	3.00	57.00	105.78	349.12
Edgefield	0.04	0.00	0.01	0.00	0.00	0.00	27.10	1.05	28.20
Fairfield	63.87	9.27	0.00	0.00	0.00	0.00	0.00	0.09	73.23
Florence	0.26	45.54	0.00	0.00	0.00	0.00	0.00	98.79	144.59
Georgetown	42.16	11.49	49.84	0.00	0.00	0.00	0.00	134.52	238.01
Greenville	82.11	140.71	540.18	0.00	0.00	0.00	0.00	343.42	1,106.42
Greenwood	22.27	14.37	21.50	0.00	0.00	0.00	6.10	739.54	803.78
Hampton	0.02	0.00	0.04	0.00	0.00	0.00	0.00	3.85	3.91
Horry	324.41	278.61	623.58	6.09	0.05	0.00	260.94	48.80	1,542.48
Jasper	0.02	6.75	0.00	0.00	0.00	0.00	0.00	22.97	29.74
Kershaw	124.89	9.66	0.01	0.00	0.00	0.00	0.00	25.43	159.99
Lancaster	0.02	29.15	0.00	0.00	0.00	0.00	0.00	16.25	45.42
Laurens	1.29	5.01	0.01	0.00	0.00	1.00	1.32	514.82	523.45
Lee	0.03	0.00	0.01	0.00	0.00	0.00	11.70	4.97	16.71
Lexington	1,341.63	0.00	1.08	152.22	0.00	0.00	137.87	2,369.92	4,002.72
Marion	0.01	10.79	0.02	0.00	0.00	0.00	0.00	3.26	14.08
Marlboro	1.28	9.08	0.00	0.00	0.00	0.00	0.00	70.95	81.31
McCormick	0.04	0.00	0.03	0.00	0.00	0.00	30.20	4.48	34.75
Newberry	0.04	20.96	0.01	0.00	0.00	0.00	57.61	456.80	535.42
Oconee	0.15	35.67	0.47	0.00	0.00	0.00	0.00	134.90	171.19
Orangeburg	75.30	64.32	0.00	0.00	0.00	0.00	4.16	66.18	209.96
Pickens	65.08	16.72	48.62	0.00	0.00	0.00	67.15	47.62	245.19
Richland	166.56	174.70	55.57	98.53	0.00	0.00	206.10	259.04	960.50
Saluda	0.04	0.00	0.01	0.00	0.00	0.00	49.83	0.04	49.92
Spartanburg	0.71	94.30	0.01	0.00	0.00	0.00	0.00	1,715.39	1,810.41
Sumter	204.09	21.40	72.34	0.00	0.00	0.00	13.70	127.06	438.59
Union	0.02	9.26	0.00	0.00	0.00	0.00	0.00	0.02	9.30
Williamsburg	0.01	0.00	0.00	0.00	0.00	0.00	0.00	13.26	13.27
York	45.50	44.31	154.32	50.00	0.78	3.01	0.00	344.88	642.80
STATE TOTAL	2,945.78	**1,654.91**	**1,601.70**	**318.84**	**0.83**	**7.06**	**1,475.30**	**9,306.84**	**17,311.26**

TABLE 5.7: Banned Items Recycled by County in Tons

COUNTY	APPLIANCES	ELECTRONICS	LEAD-ACID BATTERIES	TIRES	USED MOTOR OIL	COUNTY TOTAL
Abbeville	1.65	54.75	45.26	283.92	36.91	422.49
Aiken	0.10	154.97	1,046.69	535.97	108.80	1,846.53
Allendale	0.00	23.72	0.26	31.39	6.38	61.75
Anderson	54.00	612.99	632.16	1,418.27	187.12	2,904.54
Bamberg	0.25	22.00	0.31	180.41	5.40	208.37
Barnwell	0.00	180.04	16.96	210.99	27.62	435.61
Beaufort	4,844.59	492.13	135.06	1,113.73	118.01	6,703.52
Berkeley	0.00	367.37	283.83	1,441.23	76.60	2,169.03
Calhoun	0.00	17.95	0.78	100.34	49.80	168.87
Charleston	707.24	857.31	916.80	3,011.36	124.50	5,617.21
Cherokee	50.82	56.09	47.36	815.88	16.76	986.91
Chester	0.00	32.28	14.82	251.98	17.90	316.98
Chesterfield	0.00	177.79	17.10	623.07	3.59	821.55
Clarendon	0.00	83.11	37.49	282.42	3.25	406.27
Colleton	6.93	307.26	55.43	333.67	19.68	722.97
Darlington	0.00	114.33	30.74	466.58	26.80	638.45
Dillon	0.00	61.64	18.54	341.55	10.79	432.52
Dorchester	540.53	227.19	41.99	1,743.92	60.00	2,613.63
Edgefield	0.00	37.09	9.00	189.83	41.80	277.72
Fairfield	0.00	101.28	14.98	436.38	25.47	578.11
Florence	1,990.15	317.18	84.83	981.85	36.25	3,410.26
Georgetown	0.03	151.82	52.80	647.92	27.94	880.51
Greenville	72.00	777.85	1,058.63	4,584.18	137.99	6,630.65
Greenwood	0.00	190.74	106.48	1,008.71	33.10	1,339.03
Hampton	0.00	171.43	3.49	548.56	43.74	767.22
Horry	1.18	1,013.64	2,692.60	3,323.73	5.35	7,036.50
Jasper	0.00	143.78	42.93	150.77	20.39	357.87
Kershaw	0.00	194.75	49.25	199.08	8.57	451.65
Lancaster	35.00	136.57	53.24	319.80	35.60	580.21
Laurens	0.00	172.99	21.10	392.41	23.59	610.09
Lee	0.00	13.88	1.79	150.11	8.38	174.16
Lexington	1,297.73	380.04	173.92	8,007.77	196.27	10,055.73
Marion	0.00	0.00	53.45	248.55	6.60	308.60
Marlboro	0.00	20.64	7.38	144.29	3.12	175.43
McCormick	0.00	15.04	0.81	66.23	1.52	83.60
Newberry	0.00	110.64	36.14	259.05	21.71	427.54
Oconee	24.00	0.53	167.37	863.08	184.95	1,239.93
Orangeburg	0.00	182.65	124.16	674.64	61.79	1,043.24
Pickens	186.59	151.23	129.37	936.20	131.50	1,534.89
Richland	21.85	548.80	1,858.06	2,348.94	95.81	4,873.46
Saluda	0.00	30.98	0.98	210.26	4.32	246.54
Spartanburg	0.00	536.98	181.57	1,996.79	147.43	2,862.77
Sumter	4,129.25	159.20	131.50	995.03	103.61	5,518.59
Union	0.00	32.93	11.29	205.81	13.16	263.19
Williamsburg	0.00	41.85	0.29	282.31	44.37	368.82
York	2,991.38	890.82	680.08	8,304.88	125.69	12,992.85
STATE TOTAL	**16,955.27**	**10,368.26**	**11,089.06**	**51,663.84**	**2,489.94**	**92,566.37**

TABLE 5.8: Miscellaneous Items Recycled by County in Tons

COUNTY	ANTIFREEZE	CARPET	CARPET PADDING	COOKING OIL/GREASE	FLUORESCENT BULBS	HHM	INKJET/TONER CARTRIDGES	MATTRESSES
Abbeville	0.37	0.00	0.00	0.25	2.00	0.00	0.14	0.00
Aiken	2.32	0.00	0.00	27.00	9.78	0.00	0.16	0.00
Allendale	0.13	0.00	0.00	0.00	0.04	0.00	0.05	0.00
Anderson	449.52	0.00	0.00	18.04	6.37	0.00	5.49	0.03
Bamberg	0.26	0.08	0.01	0.00	0.08	0.00	0.03	0.03
Barnwell	0.00	0.00	0.00	5.80	0.01	0.00	0.00	0.00
Beaufort	26.91	20.00	0.00	13.85	2,760.92	0.00	1.67	40.00
Berkeley	28.38	11.04	153.90	37.79	7.29	0.00	0.53	0.00
Calhoun	0.13	0.00	0.00	0.00	0.04	0.00	0.03	0.00
Charleston	29.68	100.00	100.00	84.34	19.80	11.60	8.75	0.03
Cherokee	5.62	0.00	0.00	6.80	0.26	0.00	0.09	0.00
Chester	0.36	0.00	0.00	2.00	0.05	9.00	0.14	0.00
Chesterfield	0.16	0.00	0.00	7.19	0.31	0.00	0.02	0.00
Clarendon	0.13	0.00	0.00	3.70	0.09	0.00	0.05	0.00
Colleton	0.16	0.00	0.00	4.91	0.05	0.00	15.11	0.01
Darlington	20.12	0.00	0.00	7.63	0.29	0.00	0.31	95.07
Dillon	0.12	0.00	0.00	4.46	0.03	0.00	0.01	0.00
Dorchester	284.96	11.83	86.16	1,660.00	2.14	0.00	0.13	0.00
Edgefield	0.37	0.00	0.00	0.00	0.11	0.00	0.03	0.00
Fairfield	2.50	0.00	0.00	59.44	151.32	0.00	0.01	0.00
Florence	0.22	0.00	0.00	28.70	0.18	0.00	0.76	0.00
Georgetown	28.46	1.25	0.05	16.25	0.17	0.00	0.49	0.01
Greenville	42.54	0.00	0.00	103.80	16.44	0.00	4.33	14.00
Greenwood	1.62	0.00	0.00	18.85	4.98	0.00	4.43	0.00
Hampton	0.13	0.00	0.00	0.00	0.04	0.00	0.01	0.00
Horry	1,509.56	319.13	417.55	263.24	6.77	0.00	9.57	21.37
Jasper	0.66	0.00	0.00	9.18	0.07	0.00	0.01	0.00
Kershaw	0.27	0.00	0.00	0.00	0.08	0.00	0.02	0.00
Lancaster	0.22	0.00	0.00	18.65	0.06	0.00	0.14	0.00
Laurens	0.37	0.00	0.00	11.32	0.82	0.00	1.41	0.00
Lee	0.27	0.00	0.00	1.85	0.17	0.00	0.03	0.00
Lexington	29.55	0.25	4.30	1,434.07	13.43	12.16	1.09	186.55
Marion	15.17	0.00	0.00	14.30	0.04	0.00	0.01	0.00
Marlboro	0.12	0.00	0.00	0.00	0.20	0.00	1.16	0.00
McCormick	0.37	0.00	0.00	0.00	0.11	0.00	0.03	0.00
Newberry	4.91	0.00	0.00	18.93	1.07	0.00	0.03	0.01
Oconee	16.09	0.00	0.00	128.79	1.43	0.00	0.56	0.03
Orangeburg	2.13	0.00	0.00	32.94	5.14	0.00	1.01	0.00
Pickens	6.55	0.00	0.00	114.96	6.45	0.00	4.03	0.03
Richland	1.32	12.72	3.88	69.40	2.04	11.75	4.42	113.73
Saluda	0.37	0.00	0.00	0.00	0.11	0.00	0.17	0.00
Spartanburg	11.76	0.00	0.00	67.32	10.68	20.77	1.38	0.00
Sumter	8.85	0.10	0.10	238.95	6.48	0.00	1.38	0.01
Union	0.16	0.00	0.00	8.02	0.04	0.00	0.01	0.00
Williamsburg	0.12	0.00	0.00	10.21	0.08	0.00	4.26	0.00
York	49.94	142.40	0.00	553.72	19.40	13.52	11.33	3.75
STATE TOTAL	**2,583.92**	**618.80**	**765.95**	**5,106.64**	**3,057.45**	**78.80**	**84.81**	**474.66**

Continued on the following page

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

COUNTY	PAINT	RECHARGEABLE BATTERIES	TEXTILES	USED OIL FILTERS	WOOD PACKAGING	OTHER ITEMS	TOTAL
Abbeville	0.29	0.21	216.44	4.09	469.36	24.55	717.70
Aiken	1.11	1.93	0.40	0.30	71.67	68.14	182.81
Allendale	0.11	0.02	1.81	1.68	0.04	1.15	5.03
Anderson	0.29	25.37	11.58	75.17	2,278.93	6,911.78	9,782.56
Bamberg	0.22	0.00	0.02	1.25	0.08	1.11	3.17
Barnwell	0.00	0.00	0.00	1.39	0.00	0.00	7.20
Beaufort	339.31	3.99	0.01	4.45	127.69	1,342.84	4,681.64
Berkeley	1.29	4.58	0.01	62.65	965.44	191.59	1,464.48
Calhoun	0.11	0.00	0.01	0.65	1,430.04	0.53	1,431.54
Charleston	121.39	7.05	10.91	8.98	182.04	27.16	711.73
Cherokee	0.12	0.22	0.01	2.76	1,427.31	233.97	1,677.16
Chester	0.12	0.01	16.91	1.75	16.31	0.66	47.31
Chesterfield	0.12	0.00	0.01	1.25	0.05	0.62	9.73
Clarendon	0.11	0.24	1.85	0.82	0.04	0.58	7.61
Colleton	0.13	0.00	0.01	4.39	0.05	0.65	25.47
Darlington	0.09	0.32	0.01	1.13	55.54	1.62	182.13
Dillon	0.09	0.00	0.01	0.27	702.04	0.47	707.50
Dorchester	3.13	2.04	3.18	3.32	162.44	1.77	2,221.10
Edgefield	0.29	0.02	1.30	1.02	0.12	1.90	5.16
Fairfield	0.12	0.01	0.01	26.52	0.05	0.62	240.59
Florence	0.09	0.03	0.47	2.99	190.74	0.63	224.81
Georgetown	8.11	0.41	1,501.60	1.69	188.96	3.47	1,750.91
Greenville	1.19	4.55	6,041.01	5.30	2,737.55	398.92	9,369.63
Greenwood	0.29	6.10	1.58	2.24	1,910.45	2.00	1,952.54
Hampton	0.11	0.00	0.02	0.30	37.26	0.53	38.40
Horry	35.64	62.25	1,097.79	134.48	345.58	1,312.12	5,535.05
Jasper	0.13	0.02	1.95	0.37	0.05	1.31	13.75
Kershaw	0.21	0.00	0.01	0.60	13.09	1.05	15.33
Lancaster	0.44	0.03	2.77	40.35	112.34	0.65	175.65
Laurens	0.29	0.10	0.01	0.84	330.31	1.47	346.94
Lee	0.21	0.02	2.13	3.20	0.09	1.06	9.03
Lexington	1.36	0.41	120.85	220.95	5,697.52	775.59	8,498.08
Marion	0.09	0.00	0.01	3.65	0.04	0.47	33.78
Marlboro	0.09	0.02	352.29	1.17	185.44	46.24	586.73
McCormick	0.29	0.03	1.53	1.02	0.12	1.97	5.47
Newberry	0.69	0.01	0.11	1.73	1,088.37	1.47	1,117.33
Oconee	0.28	1.86	136.11	13.82	242.57	51.47	593.01
Orangeburg	1.81	1.16	0.01	115.83	934.83	6.38	1,101.24
Pickens	20.10	0.49	135.47	10.44	543.97	5.40	847.89
Richland	12.97	0.71	53.34	6.93	564.84	152.44	1,010.48
Saluda	0.29	0.01	0.01	0.84	0.12	1.47	3.39
Spartanburg	0.37	3.08	4.08	4.45	6,679.72	395.72	7,199.33
Sumter	0.21	0.02	14.23	11.49	221.21	1.84	504.87
Union	0.12	0.00	0.00	0.65	0.05	0.62	9.67
Williamsburg	0.09	0.00	0.01	22.48	0.54	0.57	38.36
York	76.00	8.52	57.37	235.23	1,585.78	3,093.37	5,850.33
STATE TOTAL	**629.91**	**135.83**	**9,789.25**	**1,046.87**	**31,500.78**	**15,069.94**	**70,943.61**

TABLE 5.9: Organics Recycled by County

COUNTY	FOOD WASTE	YARD TRIMMINGS (boiler fuel)	YARD TRIMMINGS (composted)	YARD TRIMMINGS (mulched)	TONS
Abbeville	0.00	0.00	0.00	0.00	0.00
Aiken	0.10	0.00	0.00	0.00	0.10
Allendale	0.00	0.00	0.00	0.00	0.00
Anderson	0.50	0.00	0.00	0.00	0.50
Bamberg	0.00	0.00	0.00	0.00	0.00
Barnwell	0.00	0.00	0.00	0.00	0.00
Beaufort	22.48	6,062.00	5.00	5,700.00	11,789.48
Berkeley	885.76	0.00	30.00	52.79	968.55
Calhoun	0.00	0.00	0.00	0.00	0.00
Charleston	4,554.80	0.00	60,649.99	4.50	65,209.29
Cherokee	0.00	0.00	0.00	529.69	529.69
Chester	0.00	0.00	0.00	0.00	0.00
Chesterfield	0.00	0.00	0.00	0.00	0.00
Clarendon	0.00	0.00	0.00	0.00	0.00
Colleton	5.00	0.00	0.00	0.00	5.00
Darlington	0.00	0.00	0.05	0.00	0.05
Dillon	0.00	0.00	0.00	0.00	0.00
Dorchester	66.74	0.00	1,000.00	14,230.05	15,296.79
Edgefield	0.00	0.00	0.00	0.00	0.00
Fairfield	0.00	0.00	0.00	1,050.00	1,050.00
Florence	0.00	0.00	0.00	7,719.00	7,719.00
Georgetown	1.00	0.66	0.33	0.15	2.14
Greenville	96.36	0.00	150.00	10,250.25	10,496.61
Greenwood	0.00	0.00	0.00	0.00	0.00
Hampton	0.00	0.00	0.00	1,888.21	1,888.21
Horry	18.95	0.00	42,140.41	69.15	42,228.51
Jasper	0.50	0.00	0.00	0.00	0.50
Kershaw	0.00	0.00	0.00	0.00	0.00
Lancaster	0.00	0.00	0.00	0.00	0.00
Laurens	0.00	0.00	0.00	0.00	0.00
Lee	0.00	0.00	0.00	2,727.30	2,727.30
Lexington	1.00	0.00	378.00	462.70	841.70
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	3,253.40	3,253.40
Oconee	0.00	0.00	0.00	0.00	0.00
Orangeburg	54.35	0.00	0.00	0.00	54.35
Pickens	263.28	0.00	0.00	8,544.04	8,807.32
Richland	0.00	0.00	0.00	3,695.44	3,695.44
Saluda	0.00	0.00	0.00	0.00	0.00
Spartanburg	102.91	0.00	90.17	4,701.66	4,894.74
Sumter	0.00	1,237.83	0.00	626.20	1,864.03
Union	0.00	0.00	0.00	0.00	0.00
Williamsburg	0.00	0.00	0.00	0.00	0.00
York	9.74	0.00	0.99	20,237.81	20,248.54
STATE TOTAL	**6,083.47**	**7,300.49**	**104,444.94**	**79,517.34**	**203,571.24**

TABLE 5.10: Commingled Items Recycled by County

COUNTY	TONS
Abbeville	2.10
Aiken	1,649.34
Allendale	2.64
Anderson	1,287.38
Bamberg	2.00
Barnwell	1.12
Beaufort	5,395.78
Berkeley	3,939.00
Calhoun	0.00
Charleston	41,855.74
Cherokee	43.92
Chester	38.12
Chesterfield	585.11
Clarendon	15.52
Colleton	38.34
Darlington	459.69
Dillon	1.25
Dorchester	5,202.53
Edgefield	51.53
Fairfield	2.46
Florence	2,532.80
Georgetown	58.18
Greenville	17,443.84
Greenwood	2,030.57
Hampton	44.52
Horry	1,001.76
Jasper	12.06
Kershaw	27.10
Lancaster	426.91
Laurens	218.48
Lee	10.60
Lexington	51,183.12
Marion	98.63
Marlboro	1,548.05
McCormick	0.06
Newberry	16.93
Oconee	22.28
Orangeburg	105.98
Pickens	5,057.54
Richland	14,935.87
Saluda	31.54
Spartanburg	5,531.62
Sumter	31.34
Union	375.31
Williamsburg	10.18
York	5,244.96
STATE TOTAL	**168,573.82**

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

FISCAL YEAR	TONS
2011	12,800.86
2012	10,646.59
2013	9,183.02
2014	5,979.56
2015	**6,288.69**

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

FISCAL YEAR	TONS
2011	315,078.24
2012	323,820.77
2013	340,623.29
2014	349,233.40
2015	**236,137.31**

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

FISCAL YEAR	TONS
2011	440,363.02
2012	395,775.10
2013	474,784.31
2014	316,216.86
2015	**305,797.77**

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

FISCAL YEAR	TONS
2011	17,673.39
2012	18,211.66
2013	19,813.86
2014	16,077.12
2015	**17,311.26**

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

FISCAL YEAR	TONS
2011	294,894.79
2012	328,791.42
2013	337,863.96
2014	95,691.21
2015	**92,566.37**

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

FISCAL YEAR	TONS
2011	44,525.46
2012	70,045.05
2013	57,141.48
2014	115,843.91
2015	**70,943.61**

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

FISCAL YEAR	TONS
2011	1,659.97*
2012	1,624.64*
2013	8,906.25*
2014	257,980.35
2015	**203,571.24**

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

FISCAL YEAR	TONS
2011	47,432.22
2012	81,809.84
2013	92,550.41
2014	106,472.43
2015	**168,573.82**

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

TABLE 5.19: HHM Collected by Counties in FY15

COUNTY	TONS
Beaufort*	339.18
Charleston	132.70
Chester	9.00
Georgetown*	7.98
Greenville*	0.67
Horry*	35.43
Lancaster*	0.32
Lexington	12.16
Pickens*	19.82
Richland	12.91
Spartanburg	20.77
York	85.83

*Only paint was reported.

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

In South Carolina, only used motor oil recycled by DIYers is counted as part of the state's municipal solid waste recycling rate. In FY15, DIYers recycled 711,411 gallons (or about 2,490 tons) of used motor oil – a decrease of nearly 25 percent from the previous FY. Overall, there were 891 collection sites provided by local governments, retailers, quick lubes and auto parts stores.

Chart 6.1 illustrates the success of the used motor oil collection program by FY. Table 6.2 lists the number of sites and gallons collected by county as well as grant awards to the county or municipalities within that county.

There is a fee of 2 cents per quart of motor oil collected at the wholesale level. Part of this funding is used to provide grants for local governments focusing on DIY used motor oil collection and recycling. In FY15, $706,766 was awarded to local government programs and primarily used for the purchase of equipment and supplies associated with used motor oil collection sites. Funds also were used to cover costs for used motor oil filter recycling, public education and professional development of local government recycling coordinators and others.

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

The amount of used motor oil filters and motor oil bottles recycled is difficult to determine or is not always available. For example, many counties collect and market filters with other metals. Given that, the data presented in Section 5 (Table 5.7) does not reflect the full extent of used motor oil filter recycling in the state. Likewise, motor oil bottles (if properly drained) are collected and mixed with other plastic bottles – further hindering an accurate measurement.

Overall, there are few barriers to recycling used motor oil, used motor oil filters and motor oil bottles. Markets are not an issue. Used motor oil typically is collected and burned for energy recovery. Also, scrap dealers and steel mills accept drained/crushed used oil filters. In addition, because of the recent drop in oil prices, local governments are not compensated as well for their collected used oil.

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

FY15	**711,411 gallons**
FY14	951,531 gallons
FY13	828,836 gallons
FY12	932,725 gallons
FY11	1,001,714 gallons

TABLE 6.2: Number of DIY Used Motor Oil Collection Sites, FY15 Grants Awarded, Gallons Collected and Tonnage Equivalent by County for FY15

GRANTEE	NUMBER OF SITES	GALLONS	TONS	GRANT AMOUNT
Abbeville	13	10,545.00	36.91	$6,318.00
Aiken	30	31,085.00	108.80	$38,950.00
North Augusta, City of	♦	♦	♦	$750.00
Allendale	6	1,825.00	6.38	$0.00
Anderson	30	53,462.00	187.12	$11,750.00
Bamberg	10	1,863.00	5.40	$0.00
Barnwell	14	7,891.00	27.62	$0.00
Beaufort	22	33,714.00	118.01	$33,260.00
Berkeley	31	21,885.00	76.60	$14,100.00
Calhoun	10	14,228.00	49.80	$0.00
Charleston	17	35,566.00	124.50	$30,517.00
Cherokee	27	4,788.00	16.76	$6,850.00
Chester	15	5,110.00	17.90	$4,050.00
Chesterfield	13	1,025.00	3.59	$12,844.00
Clarendon	20	928.00	3.25	$6,317.00
Colleton	18	5,622.00	19.68	$6,877.50
Darlington	18	7,665.00	26.80	$14,870.00
Dillon	18	3,082.00	10.79	$5,625.00
Dorchester	23	17,142.00	60.00	$26,970.00
Edgefield	9	11,942.00	41.80	$0.00
Fairfield	13	7,277.00	25.47	$15,708.00
Florence	30	10,357.00	36.25	$7,487.50
Georgetown	22	7,982.00	27.94	$36,375.00
Greenville	35	37,425.00	137.99	$15,481.00
Greenville, City of	♦	♦	♦	$4,750.00
Greater Greenville Sanitation	♦	♦	♦	$750.00
Greenwood	14	9,457.00	33.10	$5,766.00
Hampton	12	12,879.00	43.74	$7,523.00
Horry	43	1,528.00	5.35	$35,178.00
Jasper	7	5,825.00	20.39	$9,780.00
Kershaw	18	2,448.00	8.57	$10,425.00
Lancaster	16	10,175.00	35.60	$11,250.00
Laurens	11	6,740.00	23.59	$37,550.00
Lee	10	3,394.00	8.38	$0.00
Lexington	34	56,077.00	196.27	$16,850.00
Marion	7	1,905.00	6.60	$3,863.00
Marlboro	22	891.00	3.12	$24,660.00
McCormick	4	434.00	1.52	$0.00
Newberry	15	6,202.00	21.71	$3,930.00
Oconee	16	52,842.00	184.95	$12,750.00
Orangeburg	30	17,654.00	61.79	$0.00
Pickens	19	37,571.00	131.50	$9,560.00
Richland	31	27,374.00	95.81	$60,490.00
Columbia, City of	♦	♦	♦	$5,750.00
Saluda	9	1,234.00	4.32	$0.00
Spartanburg	39	42,122.00	147.43	$8,930.00
Spartanburg, City of	♦	♦	♦	$3,750.00
Sumter	22	29,602.00	103.61	$11,970.00
Sumter, City of	♦	♦	♦	$4,350.00
Union	10	3,760.00	13.16	$1,400.00
Williamsburg	25	12,977.00	44.37	$24,415.00
York	33	35,911.00	125.69	$24,500.00
Rock Hill, City of	♦	♦	♦	$7,110.00
Three Rivers SWA[1]	♦	♦	♦	$59,165.00
Tri-County SWA[2]	♦	♦	♦	$5,251.00
TOTAL	**891**	**711,411.00**	**2,489.94**	**$706,766.00**

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 (891) 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;
- **Make necessary modifications to their programs to ensure material is recycled to the maximum extent possible**; and
- **Report the type and amount of material recycled as well as information on the purchase of recycled-content products** by September 15 of each year to the S.C. Department of Health and Environmental Control (DHEC).

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

This section is a condensed version of the report and reflects recycling and buying recycled activities for fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015). To view the full report, visit **www.scdhec.gov/recycle** and select "Data and Reports."

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

In FY15, state agencies and colleges/universities recycled more than 23,627 tons of material – an increase of about 19 percent from the 19,771 tons recycled in FY14. This data was compiled from the information reported by 74 state agencies and 39 colleges/universities.

Overall, state agencies reported recycling 9,302 tons of material in FY15 – about a 5 percent decrease from the 9,790 tons recycled the previous FY. Paper was the most recycled commodity followed by construction and demolition (C&D) debris.

Colleges/universities reported recycling about 14,325 tons of material – a 43 percent increase from the 9,980 tons recycled the previous FY. C&D debris was the most recycled commodity followed by paper. In FY15, colleges/universities recycled more than 3,800 tons of C&D debris – an increase of 335 percent from the previous FY.

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

Clemson is national champion of KAB's GameDay Recycling Challenge

Clemson University is No. 1 in recycling. The Tigers topped more than 90 colleges/universities to win Keep America Beautiful's (KAB) 2014 GameDay Recycling Challenge by collecting 60,274 pounds of recyclables during their home football game against the University of South Carolina.

The winning effort included placing recycling bins and bag dispensers within the three-square mile tailgating area and providing more than 2,000 recycling bags to tailgaters.

KAB recognized Clemson for its winning efforts in February 2015 at a Tigers' basketball game. In addition to the total recycling category, Clemson also finished 14th nationally in the waste diversion competition with a 63.4 percent diversion rate. Other South Carolina rankings in this category included: Coastal Carolina at No. 19 with a 53.5 percent diversion rate, The Citadel at No. 20 (51.3 percent) and the University of South Carolina at No. 32 (34.6 percent).

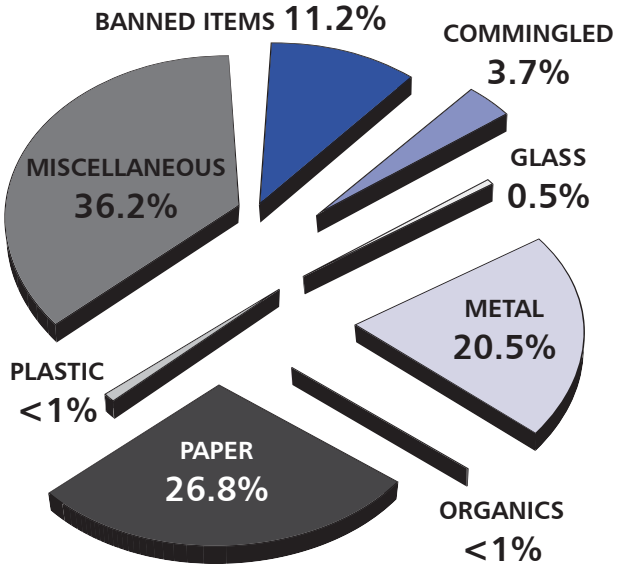
Recycling by State Agencies

Overall, state agencies reported recycling 9,302 tons of material – a decrease of about 5 percent from FY14. Compared to the previous FY, more material was recycled single-stream, explaining a decrease in paper and plastic. In addition, more metal and glass were recycled than in FY14. The largest contribution to the decrease in recycling was wood, C&D debris and organics.

Seventy-four state agencies reported recycling and buying recycled data for FY15 with 24 agencies reporting an increase in their total recycling compared with FY14.

For a complete list of state agencies reporting for FY15, see the last page of this section.

CHART 7.1: Percentage of Recyclables Collected by State Agencies



NOTE: Percentages do not add up to 100 percent due to rounding of numbers.

The Green Government Initiative *assists state agencies in meeting the requirements of the S.C. Solid Waste Policy and Management Act of 1991 and helps South Carolina meet its goal of recycling 40 percent of its waste by 2020. The goal of this program is to encourage state agencies to lead by example to reduce their environmental footprint and increase the state's impact on recycling markets.*

GREEN GOVERNMENT INITIATIVE

TABLE 7.2: Commodities Recycled in Tons by State Agencies

COMMODITIES RECYCLED		AMOUNT
Banned Items	Appliances	22.90
	Electronics	87.12
	Lead-acid batteries	31.85
	Tires	84.92
	Used motor oil	815.02
TOTAL BANNED ITEMS		1,041.81
Commingled Recyclables	May include: aluminum cans; cardboard; paper; and/or plastic	342.88
TOTAL COMMINGLED RECYCLABLES		342.88
Glass (Containers & Packaging)	Brown	1.05
	Clear	1.64
	Green	0.36
	Other/mixed glass	46.57
TOTAL GLASS		49.62
Metal	Aluminium (cans, foil)	75.55
	Ferrous metals	1,166.49
	Steel cans	204.93
	Other/mixed metal	463.87
TOTAL METAL		1,910.84
Organics	Food waste (composted)	1.35
	Yard trimmings (composted)	0.04
	Yard trimmings (mulched)	3.70
TOTAL ORGANICS		5.09
Paper	Books	10.93
	Cardboard	796.21
	Magazines	51.05
	Newspapers and inserts	9.72
	Office paper	960.33
	Paperboard	42.14
	Phone books	8.80
	Other/mixed paper	616.39
TOTAL PAPER		2,495.57
Plastic	HDPE	10.79
	LDPE	0.03
	PET	1.83
	Vinyl	0.62
	Other/mixed plastic	76.46
TOTAL PLASTIC		89.73
Miscellaneous Items	Antifreeze	10.74
	Carpet	0.33
	Carpet padding	0.50
	Clothing/textiles	83.16
	C&D debris	2,055.84
	Cooking oil	1.93
	Fluorescent bulbs	5.05
	Inkjet/toner cartridges	9.58
	Paint (oil or latex)	8.31
	Rechargeable batteries	5.78
	Used oil filters	33.12
	Wood*	527.94
	Other**	625.08
TOTAL MISCELLANEOUS ITEMS		3,367.36
TOTAL FOR ALL		9,302.90

* Wood includes furniture, cabinets and pallets.

** Other includes asphault emulsion, ballasts, batteries, brake cleaner, Category 5 cable, fly ash, gypsum, mercury devices, and scrap aluminum/soil.

NOTE: C&D debris is not included in the state's MSW recycling rate.

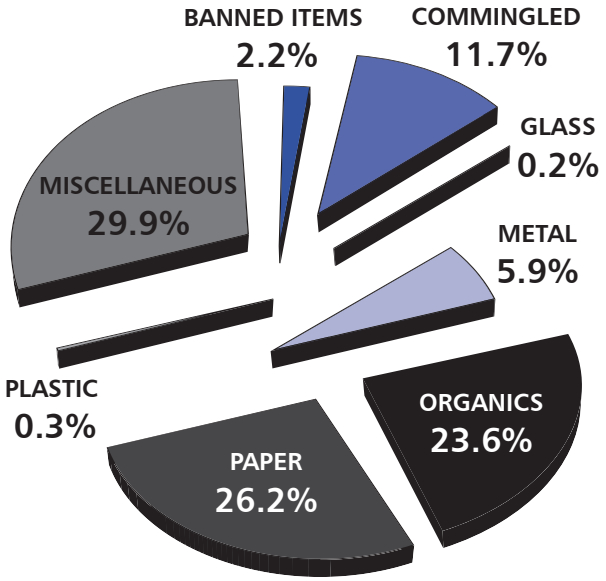
Recycling by Colleges/Universities

Overall, colleges and universities reported recycling 14,325 tons of material – an increase of about 43 percent from the previous fiscal year. Compared to the past fiscal year, single stream recycling more than doubled – explaining a decrease in paper, plastic and metal. In addition, glass, wood and banned items also increased. The largest contributions to the increase were C&D debris and organics.

Thirty-nine colleges and universities reported recycling and buying recycled data for FY15 with eighteen colleges/universities reporting an increase in their total recycling compared to FY14.

For a complete list of colleges and universities reporting for FY15, see the last page of this section.

CHART 7.3: Percentage of Recyclables Collected by Colleges/Universities



NOTE: Percentages do not add up to 100 percent due to rounding of numbers.

***RecycleU** is a comprehensive program that provides technical assistance, best management practices and outreach material to South Carolina colleges and universities in order to improve waste reduction, recycling and composting programs on campus.*

TABLE 7.4: Commodities Recycled in Tons by Colleges/Universities

COMMODITIES RECYCLED		AMOUNT (tons)
Banned Items	Appliances	24.36
	Electronics	214.72
	Lead-acid batteries	20.11
	Tires	26.53
	Used motor oil	29.24
TOTAL BANNED ITEMS		314.96
Commingled Recyclables	May include: aluminum cans; cardboard; paper; and/or plastic	1,674.07
TOTAL COMMINGLED RECYCLABLES		1,674.07
Glass (Containers & Packaging)	Brown	0.01
	Clear	2.60
	Other/mixed glass	28.30
TOTAL GLASS		30.91
Metal	Aluminium (cans, foil)	8.44
	Ferrous metals	220.04
	Steel cans	7.65
	Other/mixed metal	607.91
TOTAL METAL		844.04
Organics	Food waste (composted)	1,089.27
	Yard trimmings (composted)	508.17
	Yard trimmings (mulched)	1,782.23
TOTAL ORGANICS		3,379.67
Paper	Books	11.76
	Cardboard	1,582.42
	Magazines	8.02
	Newspapers and inserts	3.23
	Office paper	559.51
	Paperboard	0.11
	Phone books	1.42
	Other/mixed paper	1,587.91
TOTAL PAPER		3,754.38
Plastic	HDPE	3.88
	LDPE	2.10
	PET	0.91
	Other/mixed plastic	30.71
TOTAL PLASTIC		37.60
Miscellaneous Items	Antifreeze	3.91
	Carpet	2.60
	Carpet padding	0.20
	Clothing/textiles	0.13
	C&D debris	3,864.78
	Cooking oil	115.33
	Fluorescent bulbs	30.40
	Inkjet/toner cartridges	13.98
	Mattresses & box springs	2.77
	Paint (oil or latex)	7.94
	Rechargeable batteries	4.02
	Used oil filters	1.89
	Wood*	213.93
	Other**	28.15
TOTAL MISCELLANEOUS ITEMS		4,290.03
TOTAL FOR ALL		14,325.66

* Wood includes furniture, cabinets and pallets.

** Other includes: aluminum, appliances, batteries, ballasts, bedding, clothes, food, HID lamps, glass, mattresses, medical products, mercury, plastic, radiology film and steel.

NOTE: C&D debris is not included in the state's MSW recycling rate.

State Agencies Reporting for FY15

- Administrative Law Court
- Arts Commission
- Attorney General's Office
- Budget & Control Board – Internal Operations
- Capitol Complex
- Commission for Minority Affairs
- Commission for the Blind
- Commission on Higher Education
- Commission on Indigent Defense
- Commission on Prosecution Coordination
- Comptroller General's Office
- Court Administration
- Criminal Justice Academy
- Department of Administration
- Department of Administration – Surplus Property Office
- Department of Agriculture
- 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 Human Services
- Department of Health and Environmental Control
- Department of Juvenile Justice
- Department of Labor, Licensing and Regulation
- Department of Mental Health
- Department of Motor Vehicles
- Department of Natural Resources
- Department of Parks, Recreation and Tourism
- Department of Probation Parole and Pardon Services
- Department of Public Safety
- Department of Revenue
- Department of Social Services
- Department of Transportation
- Education Lottery
- Education Oversight Committee
- Emergency Management Division
- First Steps
- Forestry Commission
- Governor's Mansion
- Governor's School for Arts and Humanities
- Governor's School for Science and Math
- Higher Education Tuition Grants Commission
- Human Affairs Commission
- Legislative Audit Council
- Legislative Printing, Information and Technology Systems
- Lieutenant Governor's Office
- Office of Regulatory Staff
- Office of the State Auditor
- Patriots Point Development Authority
- Public Employee Benefit Authority
- Public Service Commission of South Carolina
- Revenue and Fiscal Affairs Office
- Santee Cooper
- SCETV
- School for the Deaf and Blind
- Sea Grant Consortium
- Secretary Of State
- SLED
- South Trust Building
- State Accident Fund
- State Budget and Control Board
- State Ethics Commission
- State Fiscal Accountability Authority – Division of Procurement Services
- State Fiscal Accountability Authority/ Insurance Reserve Fund
- State Housing Finance and Development Authority
- State Information Technology
- State Library
- State Museum Commission
- Technical College System
- Vocational Rehabilitation Department
- Wil Lou Gray Opportunity School
- Workers' Compensation Commission

Colleges/Universities Reporting for FY15

- Aiken Technical College
- Bob Jones University
- Central Carolina Technical College
- Centura College
- Charleston Southern University
- Claflin University
- Clemson University
- Coastal Carolina University
- College Of Charleston
- Columbia International University
- Florence Darlington Technical College
- Francis Marion University
- Furman University
- Greenville Technical College
- Horry-Georgetown Technical College
- Medical University of South Carolina
- Midlands Technical College
- Newberry College
- Northeastern Technical College
- Orangeburg-Calhoun Technical College
- Piedmont Technical College
- Presbyterian College
- South Carolina State University
- Southern Wesleyan University
- Spartanburg Community College
- Technical College of the Lowcountry
- The Citadel
- Trident Technical College
- University of South Carolina (USC)
- USC Aiken
- USC Beaufort
- USC Lancaster
- USC School of Medicine
- USC Sumter
- USC Upstate
- Williamsburg Technical College
- Winthrop University
- Wofford College
- York Technical College

Recycling:
The State & Counties at a Glance

SECTION 8

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

Recycling data also was collected from other sources including waste tire processors, electronics recycling vendors, used motor oil collectors, state agencies and colleges/universities as well as businesses and industries. This data was attributed to counties based on population or source. Once collected, the data is placed into one of three categories based on the source of the material: residential; commercial/institutional; and industrial (office/packaging). See Section 1 for types and examples of material from each of these sources.

TABLE 8.1: S.C. Counties Meeting the Disposal Goal of 3.25 P/P/D or Less in FY15

COUNTY	DISPOSAL RATE	COUNTY	DISPOSAL RATE
Abbeville	2.60	Jasper	2.54
Aiken	2.60	Kershaw	2.78
Allendale	2.36	Lancaster	2.61
Anderson	2.57	Laurens	2.49
Berkeley	2.47	Lee	2.56
Chester	2.93	Lexington	3.08
Chesterfield	2.48	Marlboro	2.56
Clarendon	2.02	McCormick	2.04
Colleton	2.71	Orangeburg	3.05
Darlington	2.78	Pickens	2.50
Dillon	3.15	Saluda	2.32
Dorchester	2.21	Sumter	2.95
Greenville	3.07	Williamsburg	1.19
Hampton	2.89		

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

FY11	FY12	FY13	FY14	FY15
35%	37%	35%	40%	43%

Businesses and industries are not required to report their recycling activities. Unfortunately, the voluntary reporting by these sources is inconsistent and harms the state's ability to accurately measure its recycling efforts.

South Carolina's MSW recycling rate decreased to 26.5 percent in fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015) from 29.2 percent in FY14. In South Carolina, only MSW is used to measure the state's recycling efforts. (See the definition on page 2.) Overall, the amount of MSW recycled decreased nearly 13 percent from 1,263,495 tons in FY14 to 1,101,190 tons in FY15. For total MSW and residential recycling tonnages since FY11, see Table 8.3.

The state's goal is to recycle at least 40 percent of its MSW and reduce MSW disposal to 3.25 pounds (or less) per person per day (p/p/d) by 2020. In FY15, only one county – Beaufort – had a recycling rate greater than 40 percent. Twenty-seven counties met the waste reduction goal of 3.25 p/p/d or less. (See Table 8.1.) For a county-by-county comparison of MSW recycling and disposal data, see Table 9.11 on page 93.

TABLE 8.3: S.C. MSW Recycling Tonnages

	TONS	+/– IN TONS FROM PREVIOUS FY	CHANGE FROM PREVIOUS FY
FY11			
All MSW	1,172,768	+109,247	+10%
Residential Only	413,652	–7,988	–2%
FY12			
All MSW	1,229,100	+56,332	+5%
Residential Only	460,588	+46,936	+11%
FY13			
All MSW	1,371,960	+142,860	+11.6%
Residential Only	478,426	+17,838	+3.8%
FY14			
All MSW	1,263,495	–108,465	–8%
Residential Only	502,535	+24,109	+5%
FY15			
All MSW	1,101,190	–162,305	–13%
Residential Only	469,318	–33,217	–6.6%

SOUTH CAROLINA

TABLE 8.4: South Carolina MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
4,832,482	580	93	26.5	1.25	1,101,190.03	3.47	3,058,387.58

TABLE 8.5: South Carolina MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	1,154.26	18.59	10.71	1,183.56
Containers & Packaging - Clear	958.21	13.71	64.31	1,036.23
Containers & Packaging - Green	675.32	5.63	6.50	687.45
Containers & Packaging - Mixed	3,090.83	270.65	19.97	3,381.45
TOTAL GLASS	**5,878.62**	**308.58**	**101.49**	**6,288.69**
METAL				
Aluminum Cans	696.13	2,408.05	485.14	3,589.32
Ferrous, Magnetic	7,687.87	76,505.57	42,987.49	127,180.93
Non-ferrous, Non-magnetic	2,229.11	7,606.86	3,661.59	13,497.56
Steel Cans	953.92	736.24	170.85	1,861.01
Mixed Scrap Metal	21,348.91	43,842.18	24,817.37	90,008.46
TOTAL METAL	**32,915.94**	**131,098.90**	**72,122.43**	**236,137.27**
PAPER				
Cardboard	37,696.60	139,551.90	55,425.79	232,674.28
Magazines	4.25	174.23	97.65	276.13
Newspaper & Inserts	6,505.66	1,925.77	81.81	8,513.24
Office Paper	676.62	8,058.57	10,943.79	19,678.97
Paperboard	59.63	68.38	3,113.29	3,241.30
Phone Books	0	58.66	260.31	318.97
Mixed Paper	12,737.27	10,603.23	17,754.38	41,094.88
TOTAL PAPER	**57,680.03**	**160,440.74**	**87,677.00**	**305,797.77**
PLASTIC				
HDPE	874.65	1,370.66	700.46	2,945.78
LDPE	14.08	1,413.09	227.74	1,654.91
PET	869.21	33.90	698.59	1,601.70
PP	0	0.57	318.27	318.84
PS	0	0.83	0	0.83
Vinyl	0	4.06	3.00	7.06
Commingled PET & HDPE	1,019.70	252.98	202.62	1,475.30
Mixed Plastic	973.05	1,654.18	6,679.62	9,306.84
TOTAL PLASTIC	**3,750.69**	**4,730.27**	**8,830.29**	**17,311.26**
ORGANICS				
Food Waste	3,750.66	1,427.26	905.55	6,083.47
Yard Trimmings (for use as boiler fuel)	7,300.49	0	0	7,300.49
Yard Trimmings (recycled into compost)	103,913.52	525.42	6.00	104,444.94
Yard Trimmings (recycled into mulch)	77,160.36	8,581.98	0	85,742.34
TOTAL ORGANICS	**192,125.03**	**10,534.66**	**911.55**	**203,571.24**
BANNED ITEMS				
Appliances	10,227.56	3,767.71	2,960.00	16,955.27
Electronics	8,392.46	1,062.71	913.09	10,368.26
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	8,013.62	2,448.46	626.98	11,089.06
Tires (automobiles, trucks, motorcycles)	34,668.14	4,087.40	12,908.30	51,663.84
Used Motor Oil (automobiles, trucks, motorcycles)	2,489.94	0	0	2,489.94
TOTAL BANNED ITEMS	**63,791.72**	**11,366.28**	**17,408.37**	**92,566.37**
MISCELLANEOUS ITEMS				
Antifreeze	107.60	2,145.74	330.58	2,583.92
Carpet	563.83	54.97	0	618.80
Carpet Padding	270.79	495.16	0	765.95
Cooking Oil/Grease	2,302.54	1,394.06	1,410.04	5,106.64
Fluorescent Bulbs	34.46	2,826.04	196.95	3,057.45
Household Hazardous Materials	78.80	0	0	78.80
Inkjet/Toner Cartridges	22.69	53.47	8.65	84.81
Mattresses & Box Springs	430.69	43.97	0	474.66
Paint	597.97	25.37	6.57	629.91
Rechargeable Batteries	15.59	96.65	23.60	135.83
Textiles (recycled – not donated for reuse)	1,411.27	8,045.66	332.32	9,789.25
Used Oil Filters	182.52	857.08	7.27	1,046.87
Wood Packaging (pallets, crates, barrels)	201.24	6,664.91	24,634.63	31,500.78
Items Not Listed Above	71.19	10,190.90	4,807.85	15,069.94
TOTAL MISCELLANEOUS	**6,291.18**	**32,893.98**	**31,758.46**	**70,943.61**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**106,884.40**	**59,567.88**	**2,121.54**	**168,573.82**
TOTAL FOR ALL	**469,317.61**	**410,941.29**	**220,931.13**	**1,101,190.03**

ABBEVILLE COUNTY

TABLE 8.6: Abbeville County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
24,965	10	1	21.0	0.69	3,147.84	2.60	11,851.59

TABLE 8.7: Abbeville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.63	0.00	1.63
TOTAL GLASS	**0.00**	**1.63**	**0.00**	**1.63**
METAL				
Aluminum Cans	0.00	1.35	0.00	1.35
Ferrous, Magnetic	0.21	3.58	116.44	120.23
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.12	0.00	0.12
Mixed Scrap Metal	329.87	17.95	266.00	613.82
TOTAL METAL	**330.08**	**23.00**	**382.44**	**735.52**
PAPER				
Cardboard	164.41	311.70	360.96	837.07
Magazines	0.00	1.73	0.00	1.73
Newspaper & Inserts	0.00	0.09	0.00	0.09
Office Paper	0.00	1.41	6.43	7.84
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.15	0.00	0.15
Mixed Paper	110.12	19.88	67.16	197.16
TOTAL PAPER	**274.53**	**334.96**	**434.55**	**1,044.04**
PLASTIC				
HDPE	0.00	0.04	0.59	0.63
LDPE	0.00	0.00	20.79	20.79
PET	30.27	0.02	0.00	30.29
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1.29	171.36	172.65
TOTAL PLASTIC	**30.27**	**1.35**	**192.74**	**224.36**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	1.65	0.00	1.65
Electronics	53.66	0.50	0.59	54.75
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	4.20	39.85	1.21	45.26
Tires (automobiles, trucks, motorcycles)	235.52	48.40	0.00	283.92
Used Motor Oil (automobiles, trucks, motorcycles)	36.91	0.00	0.00	36.91
TOTAL BANNED ITEMS	**330.29**	**90.40**	**1.80**	**422.49**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.25	0.00	0.25
Fluorescent Bulbs	0.00	0.61	1.39	2.00
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.01	0.03	0.10	0.14
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.10	0.11	0.00	0.21
Textiles (recycled – not donated for reuse)	0.00	0.01	216.43	216.44
Used Oil Filters	1.48	2.61	0.00	4.09
Wood Packaging (pallets, crates, barrels)	0.00	0.12	469.24	469.36
Items Not Listed Above	0.41	1.47	22.67	24.55
TOTAL MISCELLANEOUS	**2.00**	**5.87**	**709.83**	**717.70**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**2.10**	**0.00**	**2.10**
TOTAL FOR ALL	**967.17**	**459.31**	**1,721.36**	**3,147.84**

AIKEN COUNTY

TABLE 8.8: Aiken County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
164,753	10	3	9.9	0.29	8,610.13	2.60	78,078.43

TABLE 8.9: Aiken County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.59	0.00	0.59
TOTAL GLASS	**0.00**	**0.59**	**0.00**	**0.59**
METAL				
Aluminum Cans	0.00	0.85	0.12	0.97
Ferrous, Magnetic	0.00	1.45	0.00	1.45
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	1.03	0.00	1.03
Mixed Scrap Metal	1.00	97.59	424.73	523.32
TOTAL METAL	**1.00**	**100.92**	**424.85**	**526.77**
PAPER				
Cardboard	376.00	3,311.82	12.01	3,699.83
Magazines	0.00	0.67	0.00	0.67
Newspaper & Inserts	0.00	0.06	0.00	0.06
Office Paper	6.00	8.25	0.00	14.25
Paperboard	0.00	0.04	0.00	0.04
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	0.00	3.36	601.94	605.30
TOTAL PAPER	**382.00**	**3,324.25**	**613.95**	**4,320.20**
PLASTIC				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	46.03	0.00	46.03
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	17.00	16.54	4.20	37.74
TOTAL PLASTIC	**17.00**	**62.58**	**4.20**	**83.79**
ORGANICS				
Food Waste	0.00	0.10	0.00	0.10
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.10**	**0.00**	**0.10**
BANNED ITEMS				
Appliances	0.00	0.10	0.00	0.10
Electronics	93.25	1.85	59.87	154.97
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,024.61	3.85	18.23	1,046.69
Tires (automobiles, trucks, motorcycles)	516.50	1.87	17.60	535.97
Used Motor Oil (automobiles, trucks, motorcycles)	108.80	0.00	0.00	108.80
TOTAL BANNED ITEMS	**1,743.16**	**7.67**	**95.70**	**1,846.53**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.13	2.19	2.32
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	27.00	0.00	27.00
Fluorescent Bulbs	0.00	0.54	9.24	9.78
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.10	0.06	0.16
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	1.11	0.00	1.11
Rechargeable Batteries	0.00	0.02	1.91	1.93
Textiles (recycled – not donated for reuse)	0.00	0.40	0.00	0.40
Used Oil Filters	0.00	0.30	0.00	0.30
Wood Packaging (pallets, crates, barrels)	0.00	58.17	13.50	71.67
Items Not Listed Above	0.00	1.69	66.45	68.14
TOTAL MISCELLANEOUS	**0.00**	**89.46**	**93.35**	**182.81**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**1,596.57**	**52.77**	**0.00**	**1,649.34**
TOTAL FOR ALL	**3,739.73**	**3,638.34**	**1,232.05**	**8,610.12**

ALLENDALE COUNTY

TABLE 8.10: Allendale County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
9,695	5	0	3.6	0.09	155.8	2.36	4,168.40

TABLE 8.11: Allendale MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.75	0.64	0.00	2.39
TOTAL GLASS	**1.75**	**0.64**	**0.00**	**2.39**
METAL				
Aluminum Cans	0.00	0.32	0.00	0.32
Ferrous, Magnetic	0.00	1.30	0.00	1.30
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	4.53	0.00	4.53
Mixed Scrap Metal	45.32	4.83	0.00	50.15
TOTAL METAL	**45.32**	**10.98**	**0.00**	**56.30**
PAPER				
Cardboard	4.76	14.18	0.00	18.94
Magazines	0.00	0.65	0.00	0.65
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	2.30	0.00	2.30
Paperboard	0.00	0.01	0.00	0.01
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	0.00	4.19	0.00	4.19
TOTAL PAPER	**4.76**	**21.44**	**0.00**	**26.20**
PLASTIC				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1.48	0.00	1.48
TOTAL PLASTIC	**0.00**	**1.49**	**0.00**	**1.49**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	23.29	0.43	0.00	23.72
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.00	0.26	0.00	0.26
Tires (automobiles, trucks, motorcycles)	30.30	1.09	0.00	31.39
Used Motor Oil (automobiles, trucks, motorcycles)	6.38	0.00	0.00	6.38
TOTAL BANNED ITEMS	**59.97**	**1.78**	**0.00**	**61.75**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.13	0.00	0.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.04	0.00	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.05	0.00	0.05
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.11	0.00	0.11
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	0.00	1.81	0.00	1.81
Used Oil Filters	1.38	0.30	0.00	1.68
Wood Packaging (pallets, crates, barrels)	0.00	0.04	0.00	0.04
Items Not Listed Above	0.00	1.15	0.00	1.15
TOTAL MISCELLANEOUS	**1.38**	**3.65**	**0.00**	**5.03**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**2.64**	**0.00**	**2.64**
TOTAL FOR ALL	**113.18**	**42.62**	**0.00**	**155.80**

ANDERSON COUNTY

TABLE 8.12: Anderson County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
192,810	17	2	30.2	1.11	39,100.05	2.57	90,288.20

TABLE 8.13: Anderson MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	111.42	0.01	0.00	111.43
Containers & Packaging - Clear	111.43	0.51	50.21	162.15
Containers & Packaging - Green	111.43	0.03	0.00	111.46
Containers & Packaging - Mixed	0.00	1.79	0.30	2.09
TOTAL GLASS	**334.28**	**2.34**	**50.51**	**387.13**
METAL				
Aluminum Cans	28.97	2.78	52.25	84.00
Ferrous, Magnetic	0.00	65.27	3,918.54	3,983.81
Non-ferrous, Non-magnetic	0.00	2.25	0.00	2.25
Steel Cans	0.00	4.04	57.80	61.84
Mixed Scrap Metal	975.39	523.61	2,022.96	3,521.96
TOTAL METAL	**1,004.36**	**597.95**	**6,051.55**	**7,653.86**
PAPER				
Cardboard	1,051.53	9,320.69	1,994.75	12,366.97
Magazines	0.00	3.43	0.00	3.43
Newspaper & Inserts	0.00	1.12	0.30	1.42
Office Paper	0.00	1,854.75	8.15	1,862.90
Paperboard	0.00	0.53	0.00	0.53
Phone Books	0.00	0.75	0.40	1.15
Mixed Paper	1,118.48	1,210.66	0.30	2,329.44
TOTAL PAPER	**2,170.01**	**12,391.94**	**2,003.90**	**16,565.85**
PLASTIC				
HDPE	0.00	81.18	116.21	197.39
LDPE	0.00	140.59	15.67	156.26
PET	0.00	0.16	2.76	2.92
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	33.17	0.02	0.00	33.19
Mixed Plastic	0.00	74.09	54.38	128.47
TOTAL PLASTIC	**33.17**	**296.04**	**189.02**	**518.23**
ORGANICS				
Food Waste	0.00	0.50	0.00	0.50
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.50**	**0.00**	**0.50**
BANNED ITEMS				
Appliances	0.00	0.00	54.00	54.00
Electronics	350.41	8.75	253.83	612.99
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	564.79	37.37	30.00	632.16
Tires (automobiles, trucks, motorcycles)	1,296.00	122.27	0.00	1,418.27
Used Motor Oil (automobiles, trucks, motorcycles)	187.12	0.00	0.00	187.12
TOTAL BANNED ITEMS	**2,398.32**	**168.39**	**337.83**	**2,904.54**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	439.52	10.00	449.52
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	18.04	0.00	18.04
Fluorescent Bulbs	0.00	4.96	1.41	6.37
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.13	4.14	1.22	5.49
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	16.46	8.91	25.37
Textiles (recycled – not donated for reuse)	0.00	11.58	0.00	11.58
Used Oil Filters	0.00	75.17	0.00	75.17
Wood Packaging (pallets, crates, barrels)	0.00	84.02	2,194.91	2,278.93
Items Not Listed Above	0.00	6,911.78	0.00	6,911.78
TOTAL MISCELLANEOUS	**0.13**	**7,565.99**	**2,216.45**	**9,782.56**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**1,024.27**	**263.11**	**0.00**	**1,287.38**
TOTAL FOR ALL	**6,964.54**	**21,286.26**	**10,849.26**	**39,100.06**

BAMBERG COUNTY

TABLE 8.14: Bamberg County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
15,182	8	0	3.9	0.13	364.83	3.27	9,047.61

TABLE 8.15: Bamberg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.03	0.00	0.03
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	1.27	0.00	1.27
TOTAL GLASS	**0.00**	**1.30**	**0.00**	**1.30**
METAL				
Aluminum Cans	0.00	0.59	0.00	0.59
Ferrous, Magnetic	0.00	2.92	0.00	2.92
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.08	0.00	0.08
Mixed Scrap Metal	52.14	9.74	0.00	61.88
TOTAL METAL	**52.14**	**13.33**	**0.00**	**65.47**
PAPER				
Cardboard	75.49	0.31	0.00	75.80
Magazines	0.00	1.41	0.00	1.41
Newspaper & Inserts	0.00	0.06	0.00	0.06
Office Paper	0.00	1.15	0.00	1.15
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.12	0.00	0.12
Mixed Paper	0.00	0.58	0.00	0.58
TOTAL PAPER	**75.49**	**3.63**	**0.00**	**79.12**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
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	0.05	0.00	0.05
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	5.18	0.15	0.00	5.33
TOTAL PLASTIC	**5.18**	**0.22**	**0.00**	**5.40**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.25	0.00	0.25
Electronics	21.99	0.01	0.00	22.00
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.00	0.31	0.00	0.31
Tires (automobiles, trucks, motorcycles)	178.80	1.61	0.00	180.41
Used Motor Oil (automobiles, trucks, motorcycles)	5.40	0.00	0.00	5.40
TOTAL BANNED ITEMS	**206.19**	**2.18**	**0.00**	**208.37**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.26	0.00	0.26
Carpet	0.00	0.08	0.00	0.08
Carpet Padding	0.00	0.01	0.00	0.01
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.03	0.00	0.03
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	0.00	0.22	0.00	0.22
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.02	0.00	0.02
Used Oil Filters	0.00	1.25	0.00	1.25
Wood Packaging (pallets, crates, barrels)	0.00	0.08	0.00	0.08
Items Not Listed Above	0.00	1.11	0.00	1.11
TOTAL MISCELLANEOUS	**0.00**	**3.17**	**0.00**	**3.17**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**2.00**	**0.00**	**2.00**
TOTAL FOR ALL	**339.00**	**25.83**	**0.00**	**364.83**

BARNWELL COUNTY

TABLE 8.16: Barnwell County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
21,959	9	0	8.9	0.34	1,354.93	3.48	13,936.50

TABLE 8.17: Barnwell County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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
TOTAL GLASS	**0.00**	**0.00**	**0.00**	**0.00**
METAL				
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	0.00	0.00	0.00	0.00
TOTAL METAL	**0.00**	**0.00**	**0.00**	**0.00**
PAPER				
Cardboard	612.00	246.22	8.61	866.83
Magazines	0.00	0.00	0.00	0.00
Newspaper & Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.64	0.00	0.64
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.26	0.00	0.26
TOTAL PAPER	**612.00**	**247.12**	**8.61**	**867.73**
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	12.51	0.00	12.51
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	15.38	0.00	0.00	15.38
Mixed Plastic	15.38	0.00	0.00	15.38
TOTAL PLASTIC	**30.76**	**12.51**	**0.00**	**43.27**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	180.04	0.00	0.00	180.04
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	16.96	0.00	0.00	16.96
Tires (automobiles, trucks, motorcycles)	210.99	0.00	0.00	210.99
Used Motor Oil (automobiles, trucks, motorcycles)	27.62	0.00	0.00	27.62
TOTAL BANNED ITEMS	**435.61**	**0.00**	**0.00**	**435.61**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.00	0.00	0.00
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	5.80	0.00	5.80
Fluorescent Bulbs	0.00	0.00	0.01	0.01
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.00	0.00	0.00
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.00	0.00	0.00
Used Oil Filters	1.39	0.00	0.00	1.39
Wood Packaging (pallets, crates, barrels)	0.00	0.00	0.00	0.00
Items Not Listed Above	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS	**1.39**	**5.80**	**0.01**	**7.20**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**1.12**	**0.00**	**1.12**
TOTAL FOR ALL	**1,079.76**	**266.55**	**8.62**	**1,354.93**

BEAUFORT COUNTY

TABLE 8.18: Beaufort County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
175,852	12	3	47.5	3.55	113,922.65	3.92	125,683.50

TABLE 8.19: Beaufort County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	12.01	0.00	12.01
Containers & Packaging - Clear	0.00	3.26	0.00	3.26
Containers & Packaging - Green	0.00	2.01	0.00	2.01
Containers & Packaging - Mixed	878.15	1.72	0.00	879.87
TOTAL GLASS	**878.15**	**19.00**	**0.00**	**897.15**
METAL				
Aluminum Cans	0.00	1,268.93	0.00	1,268.93
Ferrous, Magnetic	0.00	46,106.65	0.00	46,106.65
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	1.11	0.00	1.11
Mixed Scrap Metal	134.27	21,189.30	6,250.00	27,573.57
TOTAL METAL	**134.27**	**68,565.99**	**6,250.00**	**74,950.26**
PAPER				
Cardboard	1,618.08	4,166.78	106.80	5,891.66
Magazines	0.04	1.68	0.00	1.72
Newspaper & Inserts	687.32	2.30	0.00	689.62
Office Paper	47.52	1,486.00	2.60	1,536.12
Paperboard	59.63	2.00	0.00	61.63
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	867.78	17.18	0.00	884.96
TOTAL PAPER	**3,280.37**	**5,676.01**	**109.40**	**9,065.78**
PLASTIC				
HDPE	0.00	12.53	6.33	18.86
LDPE	0.00	24.59	0.00	24.59
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	352.64	1.00	0.00	353.64
Mixed Plastic	0.00	41.95	0.00	41.95
TOTAL PLASTIC	**352.64**	**80.07**	**6.33**	**439.04**
ORGANICS				
Food Waste	0.00	22.48	0.00	22.48
Yard Trimmings (for use as boiler fuel)	6,062.00	0.00	0.00	6,062.00
Yard Trimmings (recycled into compost)	0.00	5.00	0.00	5.00
Yard Trimmings (recycled into mulch)	0.00	5,700.00	0.00	5,700.00
TOTAL ORGANICS	**6,062.00**	**5,727.48**	**0.00**	**11,789.48**
BANNED ITEMS				
Appliances	1,314.59	3,530.00	0.00	4,844.59
Electronics	207.74	283.81	0.58	492.13
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	88.42	46.64	0.00	135.06
Tires (automobiles, trucks, motorcycles)	818.11	295.62	0.00	1,113.73
Used Motor Oil (automobiles, trucks, motorcycles)	118.01	0.00	0.00	118.01
TOTAL BANNED ITEMS	**2,546.87**	**4,156.07**	**0.58**	**6,703.52**
MISCELLANEOUS ITEMS				
Antifreeze	1.32	25.59	0.00	26.91
Carpet	0.00	20.00	0.00	20.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	13.85	0.00	13.85
Fluorescent Bulbs	0.03	2,760.83	0.06	2,760.92
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	1.67	0.00	1.67
Mattresses & Box Springs	0.00	40.00	0.00	40.00
Paint	339.18	0.13	0.00	339.31
Rechargeable Batteries	1.20	2.75	0.04	3.99
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.58	2.87	0.00	4.45
Wood Packaging (pallets, crates, barrels)	0.00	75.80	51.89	127.69
Items Not Listed Above	43.00	1,299.84	0.00	1,342.84
TOTAL MISCELLANEOUS	**386.31**	**4,243.34**	**51.99**	**4,681.64**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**4,743.63**	**652.15**	**0.00**	**5,395.78**
TOTAL FOR ALL	**18,384.24**	**89,120.11**	**6,418.30**	**113,922.65**

BERKELEY COUNTY

TABLE 8.20: Berkeley County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
198,205	22	6	15.6	0.46	16,530.58	2.47	89,207.95

TABLE 8.21: Berkeley County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.72	13.50	14.22
TOTAL GLASS	**0.00**	**0.72**	**13.50**	**14.22**
METAL				
Aluminum Cans	0.00	3.30	3.83	7.13
Ferrous, Magnetic	0.00	380.49	592.17	972.66
Non-ferrous, Non-magnetic	0.00	0.00	6.36	6.36
Steel Cans	0.00	49.05	25.75	74.80
Mixed Scrap Metal	686.25	228.74	65.06	980.05
TOTAL METAL	**686.25**	**661.58**	**693.17**	**2,041.00**
PAPER				
Cardboard	0.00	4,766.50	462.82	5,229.32
Magazines	0.00	3.02	6.70	9.72
Newspaper & Inserts	0.00	2.04	0.20	2.24
Office Paper	0.00	15.68	34.42	50.10
Paperboard	0.00	1.00	0.00	1.00
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	254.96	16.50	271.46
TOTAL PAPER	**0.00**	**5,043.27**	**520.64**	**5,563.90**
PLASTIC				
HDPE	0.00	1.35	15.32	16.67
LDPE	0.00	0.00	24.91	24.91
PET	0.00	0.53	0.00	0.53
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	44.88	0.00	44.88
Mixed Plastic	0.00	97.12	186.27	283.39
TOTAL PLASTIC	**0.00**	**143.89**	**226.50**	**370.39**
ORGANICS				
Food Waste	0.00	285.76	600.00	885.76
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	30.00	0.00	30.00
Yard Trimmings (recycled into mulch)	51.29	1.50	0.00	52.79
TOTAL ORGANICS	**51.29**	**317.26**	**600.00**	**968.55**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	332.12	21.56	13.69	367.37
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	101.85	179.44	2.54	283.83
Tires (automobiles, trucks, motorcycles)	949.15	492.08	0.00	1,441.23
Used Motor Oil (automobiles, trucks, motorcycles)	76.60	0.00	0.00	76.60
TOTAL BANNED ITEMS	**1,459.72**	**693.08**	**16.23**	**2,169.03**
MISCELLANEOUS ITEMS				
Antifreeze	2.62	25.76	0.00	28.38
Carpet	0.00	11.04	0.00	11.04
Carpet Padding	76.95	76.95	0.00	153.90
Cooking Oil/Grease	0.00	37.79	0.00	37.79
Fluorescent Bulbs	0.00	1.91	5.38	7.29
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.09	0.44	0.00	0.53
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	1.00	1.29
Rechargeable Batteries	0.11	3.16	1.31	4.58
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	5.20	57.45	0.00	62.65
Wood Packaging (pallets, crates, barrels)	0.00	336.08	629.36	965.44
Items Not Listed Above	0.00	27.38	164.21	191.59
TOTAL MISCELLANEOUS	**84.97**	**578.26**	**801.26**	**1,464.48**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**2,757.49**	**1,151.96**	**29.55**	**3,939.00**
TOTAL FOR ALL	**5,039.72**	**8,590.02**	**2,900.85**	**16,530.59**

CALHOUN COUNTY

TABLE 8.22: Calhoun County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
14,878	10	0	17.3	0.69	1,867.8	3.28	8,913.39

TABLE 8.23: Calhoun County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.59	0.00	0.59
TOTAL GLASS	**0.00**	**0.59**	**0.00**	**0.59**
METAL				
Aluminum Cans	0.25	0.25	0.00	0.50
Ferrous, Magnetic	0.00	1.30	0.00	1.30
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.04	0.00	0.04
Mixed Scrap Metal	81.57	9.23	1.00	91.80
TOTAL METAL	**81.82**	**10.82**	**1.00**	**93.64**
PAPER				
Cardboard	95.63	10.08	49.00	154.71
Magazines	0.00	1.63	0.00	1.63
Newspaper & Inserts	0.00	1.03	0.00	1.03
Office Paper	0.00	0.55	0.25	0.80
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	0.00	1.24	0.00	1.24
TOTAL PAPER	**95.63**	**14.59**	**49.25**	**159.47**
PLASTIC				
HDPE	1.63	0.01	5.00	6.64
LDPE	0.00	0.00	0.03	0.03
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1.02	6.00	7.02
TOTAL PLASTIC	**1.63**	**1.03**	**11.03**	**13.69**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	17.95	0.00	0.00	17.95
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.65	0.13	0.00	0.78
Tires (automobiles, trucks, motorcycles)	99.54	0.80	0.00	100.34
Used Motor Oil (automobiles, trucks, motorcycles)	49.80	0.00	0.00	49.80
TOTAL BANNED ITEMS	**167.94**	**0.93**	**0.00**	**168.87**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.13	0.00	0.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.04	0.00	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.02	0.01	0.00	0.03
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.11	0.00	0.11
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.35	0.30	0.00	0.65
Wood Packaging (pallets, crates, barrels)	0.00	5.04	1,425.00	1,430.04
Items Not Listed Above	0.00	0.53	0.00	0.53
TOTAL MISCELLANEOUS	**0.37**	**6.17**	**1,425.00**	**1,431.54**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**0.00**	**0.00**	**0.00**
TOTAL FOR ALL	**347.39**	**34.13**	**1,486.28**	**1,867.80**

CHARLESTON COUNTY

TABLE 8.24: Charleston County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
381,015	38	2	29.7	1.86	129,106.79	4.39	305,473.14

TABLE 8.25: Charleston County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.04	0.00	0.04
Containers & Packaging - Clear	0.00	0.58	0.00	0.58
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	7.00	5.88	2.89	15.77
TOTAL GLASS	**7.00**	**6.50**	**2.89**	**16.39**
METAL				
Aluminum Cans	0.00	1.85	8.66	10.51
Ferrous, Magnetic	0.00	14.89	44.38	59.27
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.05	0.00	0.05
Mixed Scrap Metal	339.60	328.72	50.00	718.32
TOTAL METAL	**339.60**	**345.51**	**103.04**	**788.15**
PAPER				
Cardboard	2,692.10	10,001.45	546.63	13,240.18
Magazines	0.00	1.29	0.00	1.29
Newspaper & Inserts	3.76	1.82	0.00	5.58
Office Paper	5.06	488.29	17.42	510.77
Paperboard	0.00	0.20	2.89	3.09
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	197.23	385.25	582.48
TOTAL PAPER	**2,700.92**	**10,690.35**	**952.19**	**14,343.46**
PLASTIC				
HDPE	0.00	0.15	0.75	0.90
LDPE	0.00	90.96	9.28	100.24
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	2.33	0.00	0.00	2.33
Mixed Plastic	0.00	213.66	247.69	461.35
TOTAL PLASTIC	**2.33**	**304.77**	**257.72**	**564.81**
ORGANICS				
Food Waste	3,750.66	602.21	201.93	4,554.80
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	60,472.69	172.30	5.00	60,649.99
Yard Trimmings (recycled into mulch)	0.00	4.50	0.00	4.50
TOTAL ORGANICS	**64,223.35**	**779.01**	**206.93**	**65,209.29**
BANNED ITEMS				
Appliances	519.00	188.24	0.00	707.24
Electronics	351.80	17.51	488.00	857.31
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	863.49	49.99	3.32	916.80
Tires (automobiles, trucks, motorcycles)	3,003.99	7.37	0.00	3,011.36
Used Motor Oil (automobiles, trucks, motorcycles)	124.50	0.00	0.00	124.50
TOTAL BANNED ITEMS	**4,862.78**	**263.11**	**491.32**	**5,617.21**
MISCELLANEOUS ITEMS				
Antifreeze	4.20	25.48	0.00	29.68
Carpet	100.00	0.00	0.00	100.00
Carpet Padding	100.00	0.00	0.00	100.00
Cooking Oil/Grease	0.00	84.34	0.00	84.34
Fluorescent Bulbs	6.00	13.80	0.00	19.80
Household Hazardous Materials	11.60	0.00	0.00	11.60
Inkjet/Toner Cartridges	0.00	8.75	0.00	8.75
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	121.10	0.29	0.00	121.39
Rechargeable Batteries	3.00	4.05	0.00	7.05
Textiles (recycled – not donated for reuse)	0.00	0.01	10.90	10.91
Used Oil Filters	8.00	0.98	0.00	8.98
Wood Packaging (pallets, crates, barrels)	0.00	134.30	47.74	182.04
Items Not Listed Above	0.00	27.16	0.00	27.16
TOTAL MISCELLANEOUS	**353.90**	**299.19**	**58.64**	**711.73**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**40,700.06**	**1,000.68**	**155.00**	**41,855.74**
TOTAL FOR ALL	**113,189.94**	**13,689.12**	**2,227.73**	**129,106.79**

CHEROKEE COUNTY

TABLE 8.26: Cherokee County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
56,024	18	7	18.9	1.13	11,549.63	4.86	49,678.56

TABLE 8.27: Cherokee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	18.00	0.00	10.71	28.71
Containers & Packaging - Clear	25.00	0.00	14.10	39.10
Containers & Packaging - Green	10.91	0.00	6.50	17.41
Containers & Packaging - Mixed	0.00	0.69	0.00	0.69
TOTAL GLASS	**53.91**	**0.69**	**31.31**	**85.91**
METAL				
Aluminum Cans	3.50	0.29	9.37	13.16
Ferrous, Magnetic	0.00	1.51	0.00	1.51
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	18.92	0.05	0.00	18.97
Mixed Scrap Metal	218.08	30.09	5,409.27	5,657.44
TOTAL METAL	**240.50**	**31.94**	**5,418.64**	**5,691.08**
PAPER				
Cardboard	120.00	766.35	847.50	1,733.85
Magazines	0.00	0.73	0.00	0.73
Newspaper & Inserts	0.00	0.04	0.00	0.04
Office Paper	0.00	1.26	164.40	165.66
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	172.46	0.49	188.98	361.93
TOTAL PAPER	**292.46**	**768.93**	**1,200.88**	**2,262.27**
PLASTIC				
HDPE	0.00	0.02	7.00	7.02
LDPE	0.00	16.71	0.00	16.71
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	26.50	0.00	0.00	26.50
Mixed Plastic	0.00	12.07	210.39	222.46
TOTAL PLASTIC	**26.50**	**28.80**	**217.39**	**272.69**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	529.69	0.00	0.00	529.69
TOTAL ORGANICS	**529.69**	**0.00**	**0.00**	**529.69**
BANNED ITEMS				
Appliances	50.82	0.00	0.00	50.82
Electronics	26.20	0.00	29.89	56.09
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	35.14	0.16	12.06	47.36
Tires (automobiles, trucks, motorcycles)	814.95	0.93	0.00	815.88
Used Motor Oil (automobiles, trucks, motorcycles)	16.76	0.00	0.00	16.76
TOTAL BANNED ITEMS	**943.87**	**1.09**	**41.95**	**986.91**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.16	5.46	5.62
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	6.80	0.00	6.80
Fluorescent Bulbs	0.00	0.05	0.21	0.26
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.09	0.00	0.09
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.12	0.00	0.12
Rechargeable Batteries	0.00	0.00	0.22	0.22
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	2.17	0.35	0.24	2.76
Wood Packaging (pallets, crates, barrels)	2.10	43.80	1,381.41	1,427.31
Items Not Listed Above	0.00	1.62	232.35	233.97
TOTAL MISCELLANEOUS	**4.27**	**53.00**	**1,619.89**	**1,677.16**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**43.92**	**0.00**	**43.92**
TOTAL FOR ALL	**2,091.20**	**928.37**	**8,530.06**	**11,549.63**

CHESTER COUNTY

TABLE 8.28: Chester County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
32,337	12	1	7.4	0.23	1,381.83	2.93	17,287.70

TABLE 8.29: Chester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	45.21	0.70	0.00	45.91
TOTAL GLASS	**45.21**	**0.70**	**0.00**	**45.91**
METAL				
Aluminum Cans	4.59	0.44	0.00	5.03
Ferrous, Magnetic	0.00	1.51	6.18	7.69
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	2.44	0.06	0.00	2.50
Mixed Scrap Metal	70.75	5.61	43.59	119.95
TOTAL METAL	**77.78**	**7.62**	**49.77**	**135.17**
PAPER				
Cardboard	287.71	351.24	0.00	638.95
Magazines	0.00	0.80	0.00	0.80
Newspaper & Inserts	93.48	0.04	0.00	93.52
Office Paper	0.00	2.22	0.00	2.22
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.09	0.00	0.09
Mixed Paper	0.00	1.48	0.00	1.48
TOTAL PAPER	**381.19**	**355.87**	**0.00**	**737.06**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	0.00	9.36	0.00	9.36
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	48.54	3.36	0.00	51.90
TOTAL PLASTIC	**48.54**	**12.74**	**0.00**	**61.28**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	32.27	0.01	0.00	32.28
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	14.66	0.16	0.00	14.82
Tires (automobiles, trucks, motorcycles)	251.03	0.95	0.00	251.98
Used Motor Oil (automobiles, trucks, motorcycles)	17.90	0.00	0.00	17.90
TOTAL BANNED ITEMS	**315.86**	**1.12**	**0.00**	**316.98**
MISCELLANEOUS ITEMS				
Antifreeze	0.20	0.16	0.00	0.36
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	2.00	0.00	0.00	2.00
Fluorescent Bulbs	0.00	0.05	0.00	0.05
Household Hazardous Materials	9.00	0.00	0.00	9.00
Inkjet/Toner Cartridges	0.00	0.14	0.00	0.14
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.12	0.00	0.12
Rechargeable Batteries	0.00	0.01	0.00	0.01
Textiles (recycled – not donated for reuse)	16.90	0.01	0.00	16.91
Used Oil Filters	1.40	0.35	0.00	1.75
Wood Packaging (pallets, crates, barrels)	0.00	0.05	16.26	16.31
Items Not Listed Above	0.00	0.66	0.00	0.66
TOTAL MISCELLANEOUS	**29.50**	**1.55**	**16.26**	**47.31**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**38.12**	**0.00**	**38.12**
TOTAL FOR ALL	**898.08**	**417.72**	**66.03**	**1,381.83**

CHESTERFIELD COUNTY

TABLE 8.30: Chesterfield County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
46,125	7	1	12.8	0.37	3,076	2.48	20,889.52

TABLE 8.31: Chesterfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.69	0.00	0.69
TOTAL GLASS	**0.00**	**0.69**	**0.00**	**0.69**
METAL				
Aluminum Cans	0.00	0.70	1.09	1.79
Ferrous, Magnetic	0.00	1.51	57.75	59.26
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.05	0.00	0.05
Mixed Scrap Metal	102.26	109.27	0.00	211.53
TOTAL METAL	**102.26**	**111.53**	**58.84**	**272.63**
PAPER				
Cardboard	0.00	412.05	852.53	1,264.58
Magazines	0.00	0.95	0.00	0.95
Newspaper & Inserts	0.00	0.47	0.00	0.47
Office Paper	0.00	2.01	0.00	2.01
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	0.00	0.56	0.00	0.56
TOTAL PAPER	**0.00**	**416.10**	**852.53**	**1,268.62**
PLASTIC				
HDPE	0.00	0.02	20.36	20.38
LDPE	0.00	7.87	85.74	93.61
PET	0.00	0.00	0.29	0.29
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	3.38	0.00	3.38
TOTAL PLASTIC	**0.00**	**11.27**	**106.39**	**117.66**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	88.27	89.52	0.00	177.79
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	16.12	0.98	0.00	17.10
Tires (automobiles, trucks, motorcycles)	379.42	243.65	0.00	623.07
Used Motor Oil (automobiles, trucks, motorcycles)	3.59	0.00	0.00	3.59
TOTAL BANNED ITEMS	**487.40**	**334.15**	**0.00**	**821.55**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.16	0.00	0.16
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	7.19	0.00	7.19
Fluorescent Bulbs	0.00	0.31	0.00	0.31
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.12	0.00	0.12
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.45	0.80	0.00	1.25
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.62	0.00	0.62
TOTAL MISCELLANEOUS	**0.45**	**9.28**	**0.00**	**9.73**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**287.91**	**297.20**	**0.00**	**585.11**
TOTAL FOR ALL	**878.02**	**1,180.22**	**1,017.76**	**3,076.00**

CLARENDON COUNTY

TABLE 8.32: Clarendon County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
34,113	12	0	10.1	0.23	1,410.59	2.02	12,577.84

TABLE 8.33: Clarendon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	67.70	0.00	0.00	67.70
Containers & Packaging - Mixed	0.00	0.59	0.00	0.59
TOTAL GLASS	**67.70**	**0.59**	**0.00**	**68.29**
METAL				
Aluminum Cans	4.61	0.37	0.00	4.98
Ferrous, Magnetic	0.00	52.99	0.00	52.99
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	4.63	0.00	4.63
Mixed Scrap Metal	0.00	7.43	0.00	7.43
TOTAL METAL	**4.61**	**65.42**	**0.00**	**70.03**
PAPER				
Cardboard	273.78	470.40	0.00	744.18
Magazines	0.00	0.63	0.00	0.63
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	1.11	0.00	1.11
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.16	0.00	0.16
Mixed Paper	83.73	4.36	0.00	88.09
TOTAL PAPER	**357.51**	**476.69**	**0.00**	**834.20**
PLASTIC				
HDPE	0.00	0.06	0.00	0.06
LDPE	0.00	7.15	0.00	7.15
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1.46	0.00	1.46
TOTAL PLASTIC	**0.00**	**8.67**	**0.00**	**8.67**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	82.40	0.71	0.00	83.11
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	36.63	0.86	0.00	37.49
Tires (automobiles, trucks, motorcycles)	280.83	1.59	0.00	282.42
Used Motor Oil (automobiles, trucks, motorcycles)	3.25	0.00	0.00	3.25
TOTAL BANNED ITEMS	**403.11**	**3.16**	**0.00**	**406.27**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.13	0.00	0.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	3.70	0.00	3.70
Fluorescent Bulbs	0.00	0.09	0.00	0.09
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.05	0.00	0.05
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.11	0.00	0.11
Rechargeable Batteries	0.00	0.24	0.00	0.24
Textiles (recycled – not donated for reuse)	0.00	1.85	0.00	1.85
Used Oil Filters	0.00	0.82	0.00	0.82
Wood Packaging (pallets, crates, barrels)	0.00	0.04	0.00	0.04
Items Not Listed Above	0.00	0.58	0.00	0.58
TOTAL MISCELLANEOUS	**0.00**	**7.61**	**0.00**	**7.61**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**15.52**	**0.00**	**15.52**
TOTAL FOR ALL	**832.93**	**577.66**	**0.00**	**1,410.59**

COLLETON COUNTY

TABLE 8.34: Colleton County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
37,771	14	1	15.7	0.51	3,493.69	2.71	18,696.51

TABLE 8.35: Colleton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	36.2	0.72	0.00	36.92
TOTAL GLASS	**36.2**	**0.72**	**0.00**	**36.92**
METAL				
Aluminum Cans	11.09	387.36	0.00	398.45
Ferrous, Magnetic	0.00	2.84	0.00	2.84
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	438.05	0.00	438.05
Mixed Scrap Metal	280.99	736.88	0.00	1,017.87
TOTAL METAL	**292.08**	**1,565.13**	**0.00**	**1,857.21**
PAPER				
Cardboard	546.1	16.25	0.00	562.35
Magazines	0.00	0.78	0.00	0.78
Newspaper & Inserts	0.00	0.06	0.00	0.06
Office Paper	0.58	1.16	0.00	1.74
Paperboard	0.00	0.01	0.00	0.01
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	0.31	0.00	0.31
TOTAL PAPER	**546.68**	**18.64**	**0.00**	**565.32**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	13.88	0.00	0.00	13.88
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	68.35	0.00	0.00	68.35
Mixed Plastic	158.69	1.52	0.00	160.21
TOTAL PLASTIC	**240.92**	**1.54**	**0.00**	**242.46**
ORGANICS				
Food Waste	0.00	0.00	0.00	5.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**5.00**
BANNED ITEMS				
Appliances	6.93	0.00	0.00	6.93
Electronics	307.26	0.00	0.00	307.26
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	55.27	0.16	0.00	55.43
Tires (automobiles, trucks, motorcycles)	332.69	0.98	0.00	333.67
Used Motor Oil (automobiles, trucks, motorcycles)	19.68	0.00	0.00	19.68
TOTAL BANNED ITEMS	**721.83**	**1.14**	**0.00**	**722.97**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.16	0.00	0.16
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	4.90	0.01	0.00	4.91
Fluorescent Bulbs	0.00	0.05	0.00	0.05
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	15.1	0.01	0.00	15.11
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.13	0.00	0.13
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	4.02	0.37	0.00	4.39
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.65	0.00	0.65
TOTAL MISCELLANEOUS	**24.02**	**1.45**	**0.00**	**25.47**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**3.35**	**34.99**	**0.00**	**38.34**
TOTAL FOR ALL	**1,865.08**	**1,628.61**	**0.00**	**3,493.69**

DARLINGTON COUNTY

TABLE 8.36: Darlington County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
67,799	14	3	11.7	0.37	4,578.46	2.78	34,439.42

TABLE 8.37: Darlington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	0.25	0.00	0.25
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.77**	**0.00**	**0.77**
METAL				
Aluminum Cans	0.00	0.72	2.75	3.47
Ferrous, Magnetic	0.00	52.84	0.00	52.84
Non-ferrous, Non-magnetic	0.00	0.00	75.00	75.00
Steel Cans	0.00	0.05	0.00	0.05
Mixed Scrap Metal	197.69	20.94	2.00	220.63
TOTAL METAL	**197.69**	**74.55**	**79.75**	**351.99**
PAPER				
Cardboard	0.00	747.04	68.00	815.04
Magazines	0.00	0.70	0.05	0.75
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	6.24	4.00	10.24
Paperboard	0.00	0.18	0.00	0.18
Phone Books	0.00	0.20	0.00	0.20
Mixed Paper	0.00	0.31	2,066.48	2,066.79
TOTAL PAPER	**0.00**	**754.70**	**2,138.53**	**2,893.23**
PLASTIC				
HDPE	0.00	0.26	0.00	0.26
LDPE	0.00	16.33	0.00	16.33
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.25	0.00	0.25
Mixed Plastic	0.00	3.31	32.00	35.31
TOTAL PLASTIC	**0.00**	**20.15**	**32.00**	**52.15**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.05	0.00	0.05
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.05**	**0.00**	**0.05**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	113.06	0.27	1.00	114.33
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	27.36	0.71	2.67	30.74
Tires (automobiles, trucks, motorcycles)	463.38	3.20	0.00	466.58
Used Motor Oil (automobiles, trucks, motorcycles)	26.80	0.00	0.00	26.80
TOTAL BANNED ITEMS	**630.60**	**4.18**	**3.67**	**638.45**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.12	20.00	20.12
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	7.38	0.25	7.63
Fluorescent Bulbs	0.00	0.09	0.20	0.29
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.06	0.25	0.31
Mattresses & Box Springs	95.07	0.00	0.00	95.07
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.22	0.10	0.32
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.79	0.34	1.13
Wood Packaging (pallets, crates, barrels)	0.00	25.54	30.00	55.54
Items Not Listed Above	0.00	0.52	1.10	1.62
TOTAL MISCELLANEOUS	**95.07**	**34.82**	**52.24**	**182.13**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**439.08**	**20.61**	**0.00**	**459.69**
TOTAL FOR ALL	**1,362.44**	**909.83**	**2,306.19**	**4,578.46**

DILLON COUNTY

TABLE 8.38: Dillon County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
31,127	12	1	10.5	0.37	2,097.79	3.15	17,912.38

TABLE 8.39: Dillon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.52**	**0.00**	**0.52**
METAL				
Aluminum Cans	0.00	0.25	0.00	0.25
Ferrous, Magnetic	0.00	1.15	0.00	1.15
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.04	0.00	0.04
Mixed Scrap Metal	148.57	4.26	0.00	152.83
TOTAL METAL	**148.57**	**5.70**	**0.00**	**154.27**
PAPER				
Cardboard	76.65	407.55	282.00	766.20
Magazines	0.00	0.55	0.00	0.55
Newspaper & Inserts	16.42	0.03	0.00	16.45
Office Paper	0.00	0.68	0.00	0.68
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.05	0.00	0.05
Mixed Paper	10.00	0.38	0.00	10.38
TOTAL PAPER	**103.07**	**409.24**	**282.00**	**794.30**
PLASTIC				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	4.14	0.00	4.14
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	3.27	0.00	3.27
TOTAL PLASTIC	**0.00**	**7.42**	**0.00**	**7.42**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	61.64	0.00	0.00	61.64
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	18.42	0.12	0.00	18.54
Tires (automobiles, trucks, motorcycles)	340.85	0.70	0.00	341.55
Used Motor Oil (automobiles, trucks, motorcycles)	10.79	0.00	0.00	10.79
TOTAL BANNED ITEMS	**431.70**	**0.82**	**0.00**	**432.52**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.12	0.00	0.12
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	4.46	0.00	4.46
Fluorescent Bulbs	0.00	0.03	0.00	0.03
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.27	0.00	0.27
Wood Packaging (pallets, crates, barrels)	0.00	0.04	702.00	702.04
Items Not Listed Above	0.00	0.47	0.00	0.47
TOTAL MISCELLANEOUS	**0.00**	**5.50**	**702.00**	**707.50**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**1.25**	**0.00**	**1.25**
TOTAL FOR ALL	**683.34**	**430.45**	**984.00**	**2,097.79**

DORCHESTER COUNTY

TABLE 8.40: Dorchester County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
148,469	14	2	33.9	1.13	30,659.53	2.21	59,901.15

TABLE 8.41: Dorchester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.01	0.00	0.01
Containers & Packaging - Clear	0.00	0.01	0.00	0.01
Containers & Packaging - Green	0.00	0.01	0.00	0.01
Containers & Packaging - Mixed	0.00	0.76	0.00	0.76
TOTAL GLASS	**0.00**	**0.79**	**0.00**	**0.79**
METAL				
Aluminum Cans	0.00	8.15	0.53	8.68
Ferrous, Magnetic	0.00	1.60	447.00	448.60
Non-ferrous, Non-magnetic	0.00	0.00	230.00	230.00
Steel Cans	0.00	6.86	0.00	6.86
Mixed Scrap Metal	0.00	52.52	32.02	84.54
TOTAL METAL	**0.00**	**69.13**	**709.55**	**778.68**
PAPER				
Cardboard	892.08	1,898.92	109.94	2,900.94
Magazines	0.00	0.80	0.00	0.80
Newspaper & Inserts	0.00	0.05	0.00	0.05
Office Paper	0.00	132.09	31.80	163.89
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.08	0.00	0.08
Mixed Paper	1,015.37	7.91	107.85	1,131.13
TOTAL PAPER	**1,907.45**	**2,039.86**	**249.59**	**4,196.90**
PLASTIC				
HDPE	0.00	0.02	115.00	115.02
LDPE	0.00	35.81	20.50	56.31
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	12.00	12.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	3.00	3.00
Commingled PET & HDPE	0.00	0.00	57.00	57.00
Mixed Plastic	0.00	14.75	91.03	105.78
TOTAL PLASTIC	**0.00**	**50.59**	**298.53**	**349.12**
ORGANICS				
Food Waste	0.00	0.04	66.70	66.74
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	1,000.00	0.00	0.00	1,000.00
Yard Trimmings (recycled into mulch)	14,230.05	0.00	0.00	14,230.05
TOTAL ORGANICS	**15,230.05**	**0.04**	**66.70**	**15,296.79**
BANNED ITEMS				
Appliances	540.45	0.08	0.00	540.53
Electronics	217.00	0.66	9.53	227.19
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	40.27	0.35	1.37	41.99
Tires (automobiles, trucks, motorcycles)	455.80	1.42	1,286.70	1,743.92
Used Motor Oil (automobiles, trucks, motorcycles)	60.00	0.00	0.00	60.00
TOTAL BANNED ITEMS	**1,313.52**	**2.51**	**1,297.60**	**2,613.63**
MISCELLANEOUS ITEMS				
Antifreeze	1.80	0.16	283.00	284.96
Carpet	11.83	0.00	0.00	11.83
Carpet Padding	86.16	0.00	0.00	86.16
Cooking Oil/Grease	1,660.00	0.00	0.00	1,660.00
Fluorescent Bulbs	0.00	0.07	2.07	2.14
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.12	0.01	0.13
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.13	3.00	3.13
Rechargeable Batteries	0.00	0.04	2.00	2.04
Textiles (recycled – not donated for reuse)	0.00	3.18	0.00	3.18
Used Oil Filters	2.60	0.40	0.32	3.32
Wood Packaging (pallets, crates, barrels)	0.00	64.55	97.89	162.44
Items Not Listed Above	0.00	1.77	0.00	1.77
TOTAL MISCELLANEOUS	**1,762.39**	**70.42**	**388.29**	**2,221.10**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**4,352.92**	**146.31**	**703.30**	**5,202.53**
TOTAL FOR ALL	**24,566.32**	**2,379.65**	**3,713.56**	**30,659.53**

EDGEFIELD COUNTY

TABLE 8.42: Edgefield County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
26,553	8	2	5.8	0.21	1,016.23	3.42	16,594.57

TABLE 8.43: Edgefield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.63	0.00	1.63
TOTAL GLASS	**0.00**	**1.63**	**0.00**	**1.63**
METAL				
Aluminum Cans	4.98	0.70	0.00	5.68
Ferrous, Magnetic	299.51	3.58	0.00	303.09
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	3.33	0.00	3.33
Mixed Scrap Metal	5.16	13.25	0.00	18.41
TOTAL METAL	**309.65**	**20.86**	**0.00**	**330.51**
PAPER				
Cardboard	140.13	15.11	0.00	155.24
Magazines	0.00	1.73	0.00	1.73
Newspaper & Inserts	111.99	0.09	0.00	112.08
Office Paper	0.00	1.39	0.00	1.39
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.15	0.00	0.15
Mixed Paper	47.41	3.48	0.00	50.89
TOTAL PAPER	**299.53**	**21.95**	**0.00**	**321.48**
PLASTIC				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	27.10	0.00	0.00	27.10
Mixed Plastic	0.00	1.05	0.00	1.05
TOTAL PLASTIC	**27.10**	**1.10**	**0.00**	**28.20**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	36.78	0.31	0.00	37.09
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	8.54	0.46	0.00	9.00
Tires (automobiles, trucks, motorcycles)	187.42	2.41	0.00	189.83
Used Motor Oil (automobiles, trucks, motorcycles)	41.80	0.00	0.00	41.80
TOTAL BANNED ITEMS	**274.54**	**3.18**	**0.00**	**277.72**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.11	0.00	0.11
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.03	0.00	0.03
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	0.00	1.30	0.00	1.30
Used Oil Filters	0.18	0.84	0.00	1.02
Wood Packaging (pallets, crates, barrels)	0.00	0.12	0.00	0.12
Items Not Listed Above	0.00	1.90	0.00	1.90
TOTAL MISCELLANEOUS	**0.18**	**4.98**	**0.00**	**5.16**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**51.53**	**0.00**	**0.00**	**51.53**
TOTAL FOR ALL	**962.53**	**53.70**	**0.00**	**1,016.23**

FAIRFIELD COUNTY

TABLE 8.44: Fairfield County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
22,976	11	0	14.7	0.82	3,440.83	4.74	19,891.3

TABLE 8.45: Fairfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	1.27	0.00	0.00	1.27
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	53.74	0.69	0.00	54.43
TOTAL GLASS	**55.01**	**0.69**	**0.00**	**55.70**
METAL				
Aluminum Cans	0.76	0.39	0.25	1.40
Ferrous, Magnetic	0.00	1.51	0.00	1.51
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	9.43	0.00	9.43
Mixed Scrap Metal	126.07	5.61	0.00	131.68
TOTAL METAL	**126.83**	**16.94**	**0.25**	**144.02**
PAPER				
Cardboard	435.16	218.59	474.80	1,128.55
Magazines	0.00	0.73	0.00	0.73
Newspaper & Inserts	0.00	0.04	0.00	0.04
Office Paper	0.00	3.22	0.75	3.97
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	162.83	0.53	0.00	163.36
TOTAL PAPER	**597.99**	**223.17**	**475.55**	**1,296.70**
PLASTIC				
HDPE	63.85	0.02	0.00	63.87
LDPE	0.00	8.03	1.24	9.27
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.09	0.00	0.09
TOTAL PLASTIC	**63.85**	**8.14**	**1.24**	**73.23**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,050.00	0.00	0.00	1,050.00
TOTAL ORGANICS	**1,050.00**	**0.00**	**0.00**	**1,050.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	101.28	0.00	0.00	101.28
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	7.44	7.54	0.00	14.98
Tires (automobiles, trucks, motorcycles)	435.45	0.93	0.00	436.38
Used Motor Oil (automobiles, trucks, motorcycles)	25.47	0.00	0.00	25.47
TOTAL BANNED ITEMS	**569.64**	**8.47**	**0.00**	**578.11**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	2.50	0.00	2.50
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	53.10	6.34	0.00	59.44
Fluorescent Bulbs	0.00	0.05	151.27	151.32
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.12	0.00	0.12
Rechargeable Batteries	0.00	0.01	0.00	0.01
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	2.92	23.60	0.00	26.52
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.62	0.00	0.62
TOTAL MISCELLANEOUS	**56.02**	**33.30**	**151.27**	**240.59**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**2.46**	**0.00**	**2.46**
TOTAL FOR ALL	**2,519.34**	**293.17**	**628.32**	**3,440.83**

FLORENCE COUNTY

TABLE 8.46: Florence County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
139,231	15	2	14.9	0.69	17,570.82	3.94	100,137.59

TABLE 8.47: Florence County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.52**	**0.00**	**0.52**
METAL				
Aluminum Cans	0.00	0.62	0.00	0.62
Ferrous, Magnetic	0.00	72.21	0.00	72.21
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	1.19	0.00	1.19
Mixed Scrap Metal	1.94	42.08	0.00	44.02
TOTAL METAL	**1.94**	**116.10**	**0.00**	**118.04**
PAPER				
Cardboard	0.00	3,139.78	206.64	3,346.42
Magazines	0.00	1.05	0.00	1.05
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	45.16	12.72	57.88
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.30	0.00	0.30
Mixed Paper	0.00	15.12	0.00	15.12
TOTAL PAPER	**0.00**	**3,201.44**	**219.36**	**3,420.80**
PLASTIC				
HDPE	0.00	0.26	0.00	0.26
LDPE	0.00	45.54	0.00	45.54
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	21.03	77.76	98.79
TOTAL PLASTIC	**0.00**	**66.83**	**77.76**	**144.59**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	7,719.00	0.00	0.00	7,719.00
TOTAL ORGANICS	**7,719.00**	**0.00**	**0.00**	**7,719.00**
BANNED ITEMS				
Appliances	1,990.00	0.15	0.00	1,990.15
Electronics	309.52	7.66	0.00	317.18
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	84.58	0.25	0.00	84.83
Tires (automobiles, trucks, motorcycles)	981.07	0.78	0.00	981.85
Used Motor Oil (automobiles, trucks, motorcycles)	36.25	0.00	0.00	36.25
TOTAL BANNED ITEMS	**3,401.42**	**8.84**	**0.00**	**3,410.26**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.22	0.00	0.22
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	28.70	0.00	28.70
Fluorescent Bulbs	0.00	0.18	0.00	0.18
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.76	0.00	0.76
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.03	0.00	0.03
Textiles (recycled – not donated for reuse)	0.00	0.47	0.00	0.47
Used Oil Filters	2.42	0.57	0.00	2.99
Wood Packaging (pallets, crates, barrels)	0.00	42.42	148.32	190.74
Items Not Listed Above	0.00	0.63	0.00	0.63
TOTAL MISCELLANEOUS	**2.42**	**74.07**	**148.32**	**224.81**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**2,158.63**	**374.17**	**0.00**	**2,532.80**
TOTAL FOR ALL	**13,283.41**	**3,841.97**	**445.44**	**17,570.82**

GEORGETOWN COUNTY

TABLE 8.48: Georgetown County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
60,773	14	1	23.1	1.09	12,126.23	3.64	40,347.57

TABLE 8.49: Georgetown County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.01	0.00	0.01
Containers & Packaging - Clear	0.00	0.05	0.00	0.05
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	208.74	0.67	0.00	209.41
TOTAL GLASS	**208.74**	**0.73**	**0.00**	**209.47**
METAL				
Aluminum Cans	8.24	98.60	0.00	106.84
Ferrous, Magnetic	483.30	5,918.94	0.00	6,402.24
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	1.49	0.00	1.49
Mixed Scrap Metal	0.00	316.36	0.00	316.36
TOTAL METAL	**491.54**	**6,335.39**	**0.00**	**6,826.93**
PAPER				
Cardboard	481.20	1,242.21	0.00	1,723.41
Magazines	0.00	3.18	0.00	3.18
Newspaper & Inserts	340.48	0.28	0.00	340.76
Office Paper	11.96	6.46	0.00	18.42
Paperboard	0.00	0.06	0.00	0.06
Phone Books	0.00	0.13	0.00	0.13
Mixed Paper	58.31	12.31	3.50	74.12
TOTAL PAPER	**891.95**	**1,264.63**	**3.50**	**2,160.08**
PLASTIC				
HDPE	41.72	0.44	0.00	42.16
LDPE	0.00	11.49	0.00	11.49
PET	49.59	0.25	0.00	49.84
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	118.26	16.26	0.00	134.52
TOTAL PLASTIC	**209.57**	**28.44**	**0.00**	**238.01**
ORGANICS				
Food Waste	0.00	1.00	0.00	1.00
Yard Trimmings (for use as boiler fuel)	0.66	0.00	0.00	0.66
Yard Trimmings (recycled into compost)	0.00	0.33	0.00	0.33
Yard Trimmings (recycled into mulch)	0.00	0.15	0.00	0.15
TOTAL ORGANICS	**0.66**	**1.48**	**0.00**	**2.14**
BANNED ITEMS				
Appliances	0.00	0.03	0.00	0.03
Electronics	148.00	3.02	0.80	151.82
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	52.09	0.71	0.00	52.80
Tires (automobiles, trucks, motorcycles)	646.72	1.20	0.00	647.92
Used Motor Oil (automobiles, trucks, motorcycles)	27.94	0.00	0.00	27.94
TOTAL BANNED ITEMS	**874.75**	**4.96**	**0.80**	**880.51**
MISCELLANEOUS ITEMS				
Antifreeze	28.31	0.15	0.00	28.46
Carpet	0.00	1.25	0.00	1.25
Carpet Padding	0.00	0.05	0.00	0.05
Cooking Oil/Grease	5.97	10.28	0.00	16.25
Fluorescent Bulbs	0.00	0.17	0.00	0.17
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.49	0.00	0.49
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	7.98	0.13	0.00	8.11
Rechargeable Batteries	0.00	0.41	0.00	0.41
Textiles (recycled – not donated for reuse)	874.04	627.56	0.00	1,501.60
Used Oil Filters	0.89	0.80	0.00	1.69
Wood Packaging (pallets, crates, barrels)	0.00	4.64	184.32	188.96
Items Not Listed Above	0.00	3.47	0.00	3.47
TOTAL MISCELLANEOUS	**917.18**	**649.41**	**184.32**	**1,750.91**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**58.18**	**0.00**	**58.18**
TOTAL FOR ALL	**3,594.39**	**8,343.22**	**188.62**	**12,126.23**

GREENVILLE COUNTY

TABLE 8.50: Greenville County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
482,752	20	6	22.4	0.88	77,751.21	3.07	270,078.70

TABLE 8.51: Greenville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.00	0.00	0.00
Containers & Packaging - Clear	0.00	2.52	0.00	2.52
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	25.73	2.03	0.00	27.76
TOTAL GLASS	**25.73**	**4.55**	**0.00**	**30.28**
METAL				
Aluminum Cans	0.00	3.44	0.52	3.96
Ferrous, Magnetic	0.00	629.63	2.00	631.63
Non-ferrous, Non-magnetic	0.00	287.00	56.73	343.73
Steel Cans	0.00	0.11	35.17	35.28
Mixed Scrap Metal	1,044.76	243.47	587.02	1,875.25
TOTAL METAL	**1,044.76**	**1,163.65**	**681.44**	**2,889.85**
PAPER				
Cardboard	545.60	19,319.78	3,565.90	23,431.28
Magazines	0.00	1.68	0.00	1.68
Newspaper & Inserts	0.00	0.11	77.80	77.91
Office Paper	19.35	210.34	17.47	247.16
Paperboard	0.00	0.03	0.00	0.03
Phone Books	0.00	0.35	0.00	0.35
Mixed Paper	175.20	5,746.12	104.20	6,025.52
TOTAL PAPER	**740.15**	**25,278.40**	**3,765.37**	**29,783.93**
PLASTIC				
HDPE	0.00	27.61	54.50	82.11
LDPE	0.00	140.71	0.00	140.71
PET	0.00	0.18	540.00	540.18
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	61.82	161.80	119.80	343.42
TOTAL PLASTIC	**61.82**	**330.30**	**714.30**	**1,106.42**
ORGANICS				
Food Waste	0.00	65.86	30.50	96.36
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	150.00	0.00	150.00
Yard Trimmings (recycled into mulch)	9,938.00	312.25	0.00	10,250.25
TOTAL ORGANICS	**9,938.00**	**528.11**	**30.50**	**10,496.61**
BANNED ITEMS				
Appliances	53.00	19.00	0.00	72.00
Electronics	483.36	288.39	6.10	777.85
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,054.96	3.42	0.25	1,058.63
Tires (automobiles, trucks, motorcycles)	4,566.97	7.99	9.22	4,584.18
Used Motor Oil (automobiles, trucks, motorcycles)	137.99	0.00	0.00	137.99
TOTAL BANNED ITEMS	**6,296.28**	**318.80**	**15.57**	**6,630.65**
MISCELLANEOUS ITEMS				
Antifreeze	10.84	31.60	0.10	42.54
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	20.63	80.83	2.34	103.80
Fluorescent Bulbs	8.80	4.00	3.64	16.44
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	2.12	2.11	0.10	4.33
Mattresses & Box Springs	14.00	0.00	0.00	14.00
Paint	0.67	0.52	0.00	1.19
Rechargeable Batteries	1.00	1.75	1.80	4.55
Textiles (recycled – not donated for reuse)	0.00	6,041.01	0.00	6,041.01
Used Oil Filters	4.15	1.15	0.00	5.30
Wood Packaging (pallets, crates, barrels)	26.00	157.35	2,554.20	2,737.55
Items Not Listed Above	13.00	385.92	0.00	398.92
TOTAL MISCELLANEOUS	**101.21**	**6,706.24**	**2,562.18**	**9,369.63**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**13,005.16**	**4,438.68**	**0.00**	**17,443.84**
TOTAL FOR ALL	**31,213.11**	**38,768.73**	**7,769.37**	**77,751.21**

GREENWOOD COUNTY

TABLE 8.52: Greenwood County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
69,520	9	4	37.7	2.98	37,863.64	4.94	62,690.28

TABLE 8.53: Greenwood County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.63	0.00	1.63
TOTAL GLASS	**0.00**	**1.63**	**0.00**	**1.63**
METAL				
Aluminum Cans	2.42	113.79	0.41	116.62
Ferrous, Magnetic	0.00	5,009.58	0.00	5,009.58
Non-ferrous, Non-magnetic	0.00	3,000.00	0.00	3,000.00
Steel Cans	9.20	4.03	0.00	13.23
Mixed Scrap Metal	266.23	16,405.92	224.15	16,896.30
TOTAL METAL	**277.85**	**24,533.32**	**224.55**	**25,035.72**
PAPER				
Cardboard	562.57	3,702.33	1,069.40	5,334.30
Magazines	0.00	2.03	0.00	2.03
Newspaper & Inserts	0.00	863.36	0.00	863.36
Office Paper	14.30	64.83	3.47	82.60
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.20	156.80	157.00
Mixed Paper	23.80	234.34	2.93	261.07
TOTAL PAPER	**600.67**	**4,867.09**	**1,232.60**	**6,700.37**
PLASTIC				
HDPE	1.83	8.04	12.40	22.27
LDPE	0.00	14.37	0.00	14.37
PET	21.49	0.01	0.00	21.50
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	6.10	0.00	0.00	6.10
Mixed Plastic	0.00	38.87	700.67	739.54
TOTAL PLASTIC	**29.42**	**61.29**	**713.07**	**803.78**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	144.76	44.38	1.60	190.74
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	26.77	79.63	0.08	106.48
Tires (automobiles, trucks, motorcycles)	1,005.25	3.46	0.00	1,008.71
Used Motor Oil (automobiles, trucks, motorcycles)	33.10	0.00	0.00	33.10
TOTAL BANNED ITEMS	**1,209.88**	**127.47**	**1.68**	**1,339.03**
MISCELLANEOUS ITEMS				
Antifreeze	1.00	0.62	0.00	1.62
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.00	16.80	1.05	18.85
Fluorescent Bulbs	0.00	4.16	0.82	4.98
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	4.43	0.00	4.43
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	4.90	1.20	6.10
Textiles (recycled – not donated for reuse)	0.00	1.58	0.00	1.58
Used Oil Filters	0.40	1.84	0.00	2.24
Wood Packaging (pallets, crates, barrels)	0.00	485.12	1,425.33	1,910.45
Items Not Listed Above	0.00	2.00	0.00	2.00
TOTAL MISCELLANEOUS	**2.40**	**521.74**	**1,428.40**	**1,952.54**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**1,985.85**	**44.72**	**0.00**	**2,030.57**
TOTAL FOR ALL	**4,106.08**	**30,157.26**	**3,600.30**	**37,863.64**

HAMPTON COUNTY

TABLE 8.54: Hampton County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
20,405	10	0	23.8	0.90	3,354.77	2.89	10,747.90

TABLE 8.55: Hampton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	44.58	0.02	0.00	44.60
Containers & Packaging - Clear	0.00	0.04	0.00	0.04
Containers & Packaging - Green	0.00	0.03	0.00	0.03
Containers & Packaging - Mixed	0.00	0.59	0.00	0.59
TOTAL GLASS	**44.58**	**0.68**	**0.00**	**45.26**
METAL				
Aluminum Cans	0.00	0.31	0.00	0.31
Ferrous, Magnetic	0.00	1.32	0.00	1.32
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.05	0.00	0.05
Mixed Scrap Metal	295.42	7.06	0.00	302.48
TOTAL METAL	**295.42**	**8.74**	**0.00**	**304.16**
PAPER				
Cardboard	100.20	96.73	2.00	198.93
Magazines	0.00	0.63	0.00	0.63
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	2.32	0.57	0.00	2.89
Paperboard	0.00	0.01	0.00	0.01
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	57.62	2.92	0.00	60.54
TOTAL PAPER	**160.14**	**100.95**	**2.00**	**263.09**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.04	0.00	0.04
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	3.85	0.00	3.85
TOTAL PLASTIC	**0.00**	**3.91**	**0.00**	**3.91**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	1,888.21	0.00	0.00	1,888.21
TOTAL ORGANICS	**1,888.21**	**0.00**	**0.00**	**1,888.21**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	169.62	1.81	0.00	171.43
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	3.36	0.13	0.00	3.49
Tires (automobiles, trucks, motorcycles)	547.76	0.80	0.00	548.56
Used Motor Oil (automobiles, trucks, motorcycles)	43.74	0.00	0.00	43.74
TOTAL BANNED ITEMS	**764.48**	**2.74**	**0.00**	**767.22**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.13	0.00	0.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.04	0.00	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.11	0.00	0.11
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.02	0.00	0.02
Used Oil Filters	0.00	0.30	0.00	0.30
Wood Packaging (pallets, crates, barrels)	37.22	0.04	0.00	37.26
Items Not Listed Above	0.00	0.53	0.00	0.53
TOTAL MISCELLANEOUS	**37.22**	**1.18**	**0.00**	**38.40**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**28.32**	**16.20**	**0.00**	**44.52**
TOTAL FOR ALL	**3,218.37**	**134.40**	**2.00**	**3,354.77**

HORRY COUNTY

TABLE 8.56: Horry County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
298,832	28	6	32.7	2.13	116,378.86	4.39	239,529.00

TABLE 8.57: Horry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.01	0.00	0.01
Containers & Packaging - Clear	0.00	0.05	0.00	0.05
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	1,507.48	0.79	0.00	1,508.27
TOTAL GLASS	**1,507.48**	**0.85**	**0.00**	**1,508.33**
METAL				
Aluminum Cans	150.69	227.51	2.83	381.03
Ferrous, Magnetic	0.00	6,589.29	3,283.88	9,873.17
Non-ferrous, Non-magnetic	0.00	158.70	51.40	210.10
Steel Cans	315.27	10.49	2.00	327.76
Mixed Scrap Metal	4,077.24	1,211.95	2.20	5,291.39
TOTAL METAL	**4,543.20**	**8,197.94**	**3,342.31**	**16,083.45**
PAPER				
Cardboard	11,731.81	22,267.72	585.27	34,584.80
Magazines	0.00	18.54	0.70	19.24
Newspaper & Inserts	3,619.68	598.46	0.00	4,218.14
Office Paper	344.61	1,249.07	4.40	1,598.08
Paperboard	0.00	16.15	513.00	529.15
Phone Books	0.00	41.43	0.00	41.43
Mixed Paper	2.24	443.27	6.43	451.94
TOTAL PAPER	**15,698.34**	**24,634.64**	**1,109.80**	**41,442.78**
PLASTIC				
HDPE	309.12	13.79	1.50	324.41
LDPE	0.20	268.78	9.63	278.61
PET	598.52	25.06	0.00	623.58
PP	0.00	0.00	6.09	6.09
PS	0.00	0.05	0.00	0.05
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	257.94	1.00	2.00	260.94
Mixed Plastic	10.88	37.92	0.00	48.80
TOTAL PLASTIC	**1,176.66**	**346.60**	**19.22**	**1,542.48**
ORGANICS				
Food Waste	0.00	18.95	0.00	18.95
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	42,062.83	76.58	1.00	42,140.41
Yard Trimmings (recycled into mulch)	0.00	69.15	0.00	69.15
TOTAL ORGANICS	**42,062.83**	**164.68**	**1.00**	**42,228.51**
BANNED ITEMS				
Appliances	0.00	1.18	0.00	1.18
Electronics	980.29	32.35	1.00	1,013.64
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,096.20	1,595.40	1.00	2,692.60
Tires (automobiles, trucks, motorcycles)	3,032.31	291.42	0.00	3,323.73
Used Motor Oil (automobiles, trucks, motorcycles)	5.35	0.00	0.00	5.35
TOTAL BANNED ITEMS	**5,114.15**	**1,920.35**	**2.00**	**7,036.50**
MISCELLANEOUS ITEMS				
Antifreeze	0.75	1,508.81	0.00	1,509.56
Carpet	297.88	21.25	0.00	319.13
Carpet Padding	0.00	417.55	0.00	417.55
Cooking Oil/Grease	0.00	263.24	0.00	263.24
Fluorescent Bulbs	0.00	5.58	1.19	6.77
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	8.57	1.00	9.57
Mattresses & Box Springs	21.34	0.03	0.00	21.37
Paint	35.43	0.21	0.00	35.64
Rechargeable Batteries	8.00	54.25	0.00	62.25
Textiles (recycled – not donated for reuse)	163.53	934.26	0.00	1,097.79
Used Oil Filters	1.50	132.58	0.40	134.48
Wood Packaging (pallets, crates, barrels)	0.00	175.59	169.99	345.58
Items Not Listed Above	0.00	1,312.12	0.00	1,312.12
TOTAL MISCELLANEOUS	**528.43**	**4,834.04**	**172.58**	**5,535.05**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**530.48**	**471.28**	**0.00**	**1,001.76**
TOTAL FOR ALL	**71,161.57**	**40,570.38**	**4,646.91**	**116,378.86**

JASPER COUNTY

TABLE 8.58: Jasper County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,170	6	2	11.7	0.34	1,669.77	2.54	12,599.70

TABLE 8.59: Jasper County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.87	0.00	0.87
TOTAL GLASS	**0.00**	**0.87**	**0.00**	**0.87**
METAL				
Aluminum Cans	2.12	0.43	0.00	2.55
Ferrous, Magnetic	0.00	85.83	0.00	85.83
Non-ferrous, Non-magnetic	0.00	5.00	0.00	5.00
Steel Cans	219.58	4.90	0.00	224.48
Mixed Scrap Metal	0.00	6.91	0.00	6.91
TOTAL METAL	**221.70**	**103.07**	**0.00**	**324.77**
PAPER				
Cardboard	162.12	722.46	0.00	884.58
Magazines	0.00	0.78	0.00	0.78
Newspaper & Inserts	32.55	0.06	0.00	32.61
Office Paper	0.00	2.21	0.00	2.21
Paperboard	0.00	0.10	0.00	0.10
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	9.86	0.00	9.86
TOTAL PAPER	**194.67**	**735.53**	**0.00**	**930.20**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	0.00	6.75	0.00	6.75
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	17.12	5.85	0.00	22.97
TOTAL PLASTIC	**17.12**	**12.62**	**0.00**	**29.74**
ORGANICS				
Food Waste	0.00	0.50	0.00	0.50
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.50**	**0.00**	**0.50**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	143.31	0.47	0.00	143.78
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	39.07	3.86	0.00	42.93
Tires (automobiles, trucks, motorcycles)	140.18	10.59	0.00	150.77
Used Motor Oil (automobiles, trucks, motorcycles)	20.39	0.00	0.00	20.39
TOTAL BANNED ITEMS	**342.95**	**14.92**	**0.00**	**357.87**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.66	0.00	0.66
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	9.18	0.00	9.18
Fluorescent Bulbs	0.00	0.07	0.00	0.07
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.13	0.00	0.13
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	0.00	1.95	0.00	1.95
Used Oil Filters	0.00	0.37	0.00	0.37
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	1.31	0.00	1.31
TOTAL MISCELLANEOUS	**0.00**	**13.75**	**0.00**	**13.75**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**12.06**	**0.00**	**12.06**
TOTAL FOR ALL	**776.44**	**893.33**	**0.00**	**1,669.77**

KERSHAW COUNTY

TABLE 8.60: Kershaw County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
63,161	11	1	6.3	0.19	2,144.17	2.78	32,037.53

TABLE 8.61: Kershaw County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	20.29	1.17	0.00	21.46
TOTAL GLASS	**20.29**	**1.17**	**0.00**	**21.46**
METAL				
Aluminum Cans	20.90	44.89	0.00	65.79
Ferrous, Magnetic	0.00	2.58	0.00	2.58
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.08	0.00	0.08
Mixed Scrap Metal	83.90	230.02	0.00	313.92
TOTAL METAL	**104.80**	**277.57**	**0.00**	**382.37**
PAPER				
Cardboard	72.09	990.44	19.20	1,081.73
Magazines	0.00	1.24	0.00	1.24
Newspaper & Inserts	0.00	0.06	0.00	0.06
Office Paper	0.70	1.95	0.00	2.65
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.11	0.00	0.11
Mixed Paper	0.00	0.48	0.00	0.48
TOTAL PAPER	**72.79**	**994.28**	**19.20**	**1,086.27**
PLASTIC				
HDPE	124.86	0.03	0.00	124.89
LDPE	0.00	9.66	0.00	9.66
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	9.93	15.50	25.43
TOTAL PLASTIC	**124.86**	**19.63**	**15.50**	**159.99**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	194.75	0.00	0.00	194.75
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	48.98	0.27	0.00	49.25
Tires (automobiles, trucks, motorcycles)	197.50	1.58	0.00	199.08
Used Motor Oil (automobiles, trucks, motorcycles)	8.57	0.00	0.00	8.57
TOTAL BANNED ITEMS	**449.80**	**1.85**	**0.00**	**451.65**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.27	0.00	0.27
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.02	0.00	0.02
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.21	0.00	0.21
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.60	0.00	0.60
Wood Packaging (pallets, crates, barrels)	0.00	13.09	0.00	13.09
Items Not Listed Above	0.00	1.05	0.00	1.05
TOTAL MISCELLANEOUS	**0.00**	**15.33**	**0.00**	**15.33**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**13.92**	**13.18**	**0.00**	**27.10**
TOTAL FOR ALL	**786.47**	**1,323.00**	**34.70**	**2,144.17**

LANCASTER COUNTY

TABLE 8.62: Lancaster County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
83,160	12	1	7.4	0.21	3,150.88	2.61	39,615.30

TABLE 8.63: Lancaster County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.69	0.00	0.69
TOTAL GLASS	**0.00**	**0.69**	**0.00**	**0.69**
METAL				
Aluminum Cans	0.00	0.85	0.00	0.85
Ferrous, Magnetic	0.00	1.51	0.00	1.51
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	6.93	0.00	6.93
Mixed Scrap Metal	58.93	44.48	0.00	103.41
TOTAL METAL	**58.93**	**53.77**	**0.00**	**112.70**
PAPER				
Cardboard	15.54	1,753.28	0.00	1,768.82
Magazines	0.00	0.73	0.00	0.73
Newspaper & Inserts	0.00	0.04	0.00	0.04
Office Paper	0.00	15.44	6.48	21.92
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.20	0.00	0.20
Mixed Paper	0.00	6.35	11.24	17.59
TOTAL PAPER	**15.54**	**1,776.04**	**17.72**	**1,809.30**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	0.00	29.15	0.00	29.15
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	16.25	0.00	16.25
TOTAL PLASTIC	**0.00**	**45.42**	**0.00**	**45.42**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	35.00	0.00	0.00	35.00
Electronics	135.90	0.67	0.00	136.57
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	52.89	0.35	0.00	53.24
Tires (automobiles, trucks, motorcycles)	318.42	1.38	0.00	319.80
Used Motor Oil (automobiles, trucks, motorcycles)	35.60	0.00	0.00	35.60
TOTAL BANNED ITEMS	**577.81**	**2.40**	**0.00**	**580.21**
MISCELLANEOUS ITEMS				
Antifreeze	0.06	0.16	0.00	0.22
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	2.25	16.40	0.00	18.65
Fluorescent Bulbs	0.01	0.05	0.00	0.06
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.14	0.00	0.14
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.32	0.12	0.00	0.44
Rechargeable Batteries	0.00	0.03	0.00	0.03
Textiles (recycled – not donated for reuse)	0.00	2.77	0.00	2.77
Used Oil Filters	40.00	0.35	0.00	40.35
Wood Packaging (pallets, crates, barrels)	0.00	15.68	96.66	112.34
Items Not Listed Above	0.00	0.65	0.00	0.65
TOTAL MISCELLANEOUS	**42.64**	**36.35**	**96.66**	**175.65**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**368.99**	**57.92**	**0.00**	**426.91**
TOTAL FOR ALL	**1,063.91**	**1,972.59**	**114.38**	**3,150.88**

LAURENS COUNTY

TABLE 8.64: Laurens County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
66,533	11	0	29.1	1.02	12,436.94	2.49	30,256.43

TABLE 8.65: Laurens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	3.29	1.00	0.00	4.29
Containers & Packaging - Clear	63.18	1.00	0.00	64.18
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	0.00	1.65	0.00	1.65
TOTAL GLASS	**66.47**	**3.65**	**0.00**	**70.12**
METAL				
Aluminum Cans	1.13	6.20	0.00	7.33
Ferrous, Magnetic	131.99	341.08	54.03	527.10
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.12	39.56	39.68
Mixed Scrap Metal	0.00	17.03	27.52	44.55
TOTAL METAL	**133.12**	**364.43**	**121.11**	**618.66**
PAPER				
Cardboard	414.42	406.16	348.56	1,169.14
Magazines	0.00	2.73	0.00	2.73
Newspaper & Inserts	138.68	60.59	0.00	199.27
Office Paper	0.00	11.06	8,215.00	8,226.06
Paperboard	0.00	1.25	0.00	1.25
Phone Books	0.00	0.15	0.00	0.15
Mixed Paper	0.00	4.44	446.16	450.60
TOTAL PAPER	**553.10**	**486.38**	**9,009.72**	**10,049.21**
PLASTIC				
HDPE	0.00	1.29	0.00	1.29
LDPE	0.00	5.01	0.00	5.01
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	1.00	0.00	1.00
Commingled PET & HDPE	0.00	1.32	0.00	1.32
Mixed Plastic	4.64	24.90	485.28	514.82
TOTAL PLASTIC	**4.64**	**33.53**	**485.28**	**523.45**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	171.41	1.58	0.00	172.99
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	20.73	0.37	0.00	21.10
Tires (automobiles, trucks, motorcycles)	378.86	13.55	0.00	392.41
Used Motor Oil (automobiles, trucks, motorcycles)	23.59	0.00	0.00	23.59
TOTAL BANNED ITEMS	**594.59**	**15.50**	**0.00**	**610.09**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	2.92	8.40	0.00	11.32
Fluorescent Bulbs	0.00	0.82	0.00	0.82
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	1.41	0.00	1.41
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	0.10	0.00	0.10
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.84	0.00	0.84
Wood Packaging (pallets, crates, barrels)	0.00	5.42	324.89	330.31
Items Not Listed Above	0.00	1.47	0.00	1.47
TOTAL MISCELLANEOUS	**2.92**	**19.13**	**324.89**	**346.94**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**218.48**	**0.00**	**218.48**
TOTAL FOR ALL	**1,354.84**	**1,141.10**	**9,941.00**	**12,436.94**

LEE COUNTY

TABLE 8.66: Lee County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
18,343	9	0	29.4	1.07	3,569.76	2.56	8,585.30

TABLE 8.67: Lee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.17	0.00	1.17
TOTAL GLASS	**0.00**	**1.17**	**0.00**	**1.17**
METAL				
Aluminum Cans	2.95	0.56	0.00	3.51
Ferrous, Magnetic	0.00	2.58	0.00	2.58
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	4.10	5.37	0.00	9.47
Mixed Scrap Metal	449.19	9.54	0.00	458.73
TOTAL METAL	**456.24**	**18.05**	**0.00**	**474.29**
PAPER				
Cardboard	0.00	123.67	0.00	123.67
Magazines	0.00	1.24	0.00	1.24
Newspaper & Inserts	0.00	0.06	0.00	0.06
Office Paper	0.00	1.12	0.33	1.45
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.11	0.00	0.11
Mixed Paper	24.85	5.12	0.00	29.97
TOTAL PAPER	**24.85**	**131.32**	**0.33**	**156.50**
PLASTIC				
HDPE	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	11.70	0.00	0.00	11.70
Mixed Plastic	0.00	4.97	0.00	4.97
TOTAL PLASTIC	**11.70**	**5.01**	**0.00**	**16.71**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	2,727.30	0.00	0.00	2,727.30
TOTAL ORGANICS	**2,727.30**	**0.00**	**0.00**	**2,727.30**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	13.37	0.51	0.00	13.88
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1.38	0.41	0.00	1.79
Tires (automobiles, trucks, motorcycles)	148.18	1.93	0.00	150.11
Used Motor Oil (automobiles, trucks, motorcycles)	8.38	0.00	0.00	8.38
TOTAL BANNED ITEMS	**171.31**	**2.85**	**0.00**	**174.16**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.27	0.00	0.27
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.85	0.00	0.00	1.85
Fluorescent Bulbs	0.00	0.08	0.09	0.17
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.03	0.00	0.03
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.21	0.00	0.21
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	0.00	2.13	0.00	2.13
Used Oil Filters	2.60	0.60	0.00	3.20
Wood Packaging (pallets, crates, barrels)	0.00	0.09	0.00	0.09
Items Not Listed Above	0.00	1.06	0.00	1.06
TOTAL MISCELLANEOUS	**4.45**	**4.49**	**0.09**	**9.03**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**10.60**	**0.00**	**10.60**
TOTAL FOR ALL	**3,395.85**	**173.49**	**0.42**	**3,569.76**

LEXINGTON COUNTY

TABLE 8.68: Lexington County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
277,888	11	7	38.4	1.93	97,642.19	3.08	156,442.46

TABLE 8.69: Lexington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	131.05	0.00	0.00	131.05
Containers & Packaging - Clear	182.01	0.00	0.00	182.01
Containers & Packaging - Green	88.26	0.00	0.00	88.26
Containers & Packaging - Mixed	23.55	1.17	0.00	24.72
TOTAL GLASS	**424.87**	**1.17**	**0.00**	**426.04**
METAL				
Aluminum Cans	34.08	28.20	24.11	86.39
Ferrous, Magnetic	0.00	2,944.49	6,458.20	9,402.69
Non-ferrous, Non-magnetic	0.00	1,950.00	83.55	2,033.55
Steel Cans	0.00	3.01	0.00	3.01
Mixed Scrap Metal	570.02	300.46	381.97	1,252.45
TOTAL METAL	**604.10**	**5,226.16**	**6,947.83**	**12,778.09**
PAPER				
Cardboard	984.97	5,518.74	1,543.96	8,047.67
Magazines	0.00	1.64	0.00	1.64
Newspaper & Inserts	0.00	31.61	0.00	31.61
Office Paper	72.56	108.45	5.15	186.16
Paperboard	0.00	0.15	0.00	0.15
Phone Books	0.00	0.31	0.00	0.31
Mixed Paper	665.01	633.67	290.49	1,589.17
TOTAL PAPER	**1,722.54**	**6,294.57**	**1,839.60**	**9,856.71**
PLASTIC				
HDPE	2.21	1,197.65	141.77	1,341.63
LDPE	0.00	0.00	0.00	0.00
PET	0.00	1.08	0.00	1.08
PP	0.00	0.00	152.22	152.22
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	26.19	111.68	137.87
Mixed Plastic	230.21	91.86	2,047.85	2,369.92
TOTAL PLASTIC	**232.42**	**1,316.78**	**2,453.52**	**4,002.72**
ORGANICS				
Food Waste	0.00	1.00	0.00	1.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	378.00	0.00	0.00	378.00
Yard Trimmings (recycled into mulch)	457.00	5.70	0.00	462.70
TOTAL ORGANICS	**835.00**	**6.70**	**0.00**	**841.70**
BANNED ITEMS				
Appliances	1,297.48	0.25	0.00	1,297.73
Electronics	323.62	33.87	22.55	380.04
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	167.64	5.66	0.62	173.92
Tires (automobiles, trucks, motorcycles)	1,302.70	1,675.77	5,029.30	8,007.77
Used Motor Oil (automobiles, trucks, motorcycles)	196.27	0.00	0.00	196.27
TOTAL BANNED ITEMS	**3,287.71**	**1,715.55**	**5,052.47**	**10,055.73**
MISCELLANEOUS ITEMS				
Antifreeze	26.25	3.27	0.03	29.55
Carpet	0.00	0.25	0.00	0.25
Carpet Padding	3.80	0.50	0.00	4.30
Cooking Oil/Grease	26.92	0.75	1,406.40	1,434.07
Fluorescent Bulbs	1.22	7.06	5.15	13.43
Household Hazardous Materials	12.16	0.00	0.00	12.16
Inkjet/Toner Cartridges	0.00	0.37	0.72	1.09
Mattresses & Box Springs	186.55	0.00	0.00	186.55
Paint	0.00	1.21	0.15	1.36
Rechargeable Batteries	0.00	0.00	0.41	0.41
Textiles (recycled – not donated for reuse)	36.84	0.01	84.00	120.85
Used Oil Filters	19.76	199.89	1.30	220.95
Wood Packaging (pallets, crates, barrels)	0.00	2,303.98	3,393.54	5,697.52
Items Not Listed Above	14.78	13.59	747.22	775.59
TOTAL MISCELLANEOUS	**328.28**	**2,530.88**	**5,638.92**	**8,498.08**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**6,231.65**	**44,908.39**	**43.08**	**51,183.12**
TOTAL FOR ALL	**13,666.57**	**62,000.20**	**21,975.42**	**97,642.19**

MARION COUNTY

TABLE 8.70: Marion County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
31,933	2	0	8.9	0.33	1,920.91	3.39	19,758.98

TABLE 8.71: Marion County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.52**	**0.00**	**0.52**
METAL				
Aluminum Cans	0.00	0.23	0.00	0.23
Ferrous, Magnetic	0.00	1.15	0.00	1.15
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.04	0.00	0.04
Mixed Scrap Metal	0.00	4.26	18.00	22.26
TOTAL METAL	**0.00**	**5.68**	**18.00**	**23.68**
PAPER				
Cardboard	21.60	864.22	552.00	1,437.82
Magazines	0.00	0.55	0.00	0.55
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	1.06	0.00	1.06
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.07	0.00	0.07
Mixed Paper	0.00	2.09	0.00	2.09
TOTAL PAPER	**21.60**	**868.02**	**552.00**	**1,441.62**
PLASTIC				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	10.79	0.00	10.79
PET	0.00	0.02	0.00	0.02
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	3.26	0.00	3.26
TOTAL PLASTIC	**0.00**	**14.08**	**0.00**	**14.08**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	0.00	0.00	0.00	0.00
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	26.56	26.90	0.00	53.45
Tires (automobiles, trucks, motorcycles)	91.10	157.45	0.00	248.55
Used Motor Oil (automobiles, trucks, motorcycles)	6.60	0.00	0.00	6.60
TOTAL BANNED ITEMS	**124.26**	**184.35**	**0.00**	**308.61**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	15.17	0.00	15.17
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	14.30	0.00	14.30
Fluorescent Bulbs	0.00	0.03	0.01	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	3.65	0.00	3.65
Wood Packaging (pallets, crates, barrels)	0.00	0.04	0.00	0.04
Items Not Listed Above	0.00	0.47	0.00	0.47
TOTAL MISCELLANEOUS	**0.00**	**33.77**	**0.01**	**33.78**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**90.85**	**7.78**	**0.00**	**98.63**
TOTAL FOR ALL	**236.71**	**1,114.20**	**570.01**	**1,920.91**

MARLBORO COUNTY

TABLE 8.72: Marlboro County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,924	10	0	28.7	1.03	5,254.82	2.56	13,030.46

TABLE 8.73: Marlboro County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.52**	**0.00**	**0.52**
METAL				
Aluminum Cans	4.05	85.35	5.70	95.10
Ferrous, Magnetic	0.00	6.15	0.00	6.15
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	15.72	0.00	15.72
Mixed Scrap Metal	21.46	155.26	201.00	377.72
TOTAL METAL	**25.51**	**262.48**	**206.70**	**494.69**
PAPER				
Cardboard	0.00	609.42	342.85	952.27
Magazines	0.00	0.55	86.00	86.55
Newspaper & Inserts	8.75	350.03	0.00	358.78
Office Paper	0.00	276.08	2.44	278.52
Paperboard	0.00	0.00	170.62	170.62
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	0.00	35.29	486.00	521.29
TOTAL PAPER	**8.75**	**1,271.43**	**1,087.91**	**2,368.09**
PLASTIC				
HDPE	0.00	0.01	1.27	1.28
LDPE	0.00	9.08	0.00	9.08
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	3.37	65.06	2.52	70.95
TOTAL PLASTIC	**3.37**	**74.15**	**3.79**	**81.31**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	16.57	0.55	3.52	20.64
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	5.57	0.27	1.54	7.38
Tires (automobiles, trucks, motorcycles)	143.22	1.07	0.00	144.29
Used Motor Oil (automobiles, trucks, motorcycles)	3.12	0.00	0.00	3.12
TOTAL BANNED ITEMS	**168.48**	**1.89**	**5.06**	**175.43**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.12	0.00	0.12
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.03	0.17	0.20
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	1.06	0.10	1.16
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	0.00	352.29	0.00	352.29
Used Oil Filters	0.00	0.27	0.90	1.17
Wood Packaging (pallets, crates, barrels)	0.00	0.04	185.40	185.44
Items Not Listed Above	0.00	1.24	45.00	46.24
TOTAL MISCELLANEOUS	**0.00**	**355.16**	**231.57**	**586.73**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**171.69**	**1,376.36**	**0.00**	**1,548.05**
TOTAL FOR ALL	**377.80**	**3,341.99**	**1,535.03**	**5,254.82**

McCORMICK COUNTY

TABLE 8.74: McCormick County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
9,846	4	0	12.9	0.30	543.08	2.04	3,666.85

TABLE 8.75: McCormick County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.63	0.00	1.63
TOTAL GLASS	**0.00**	**1.63**	**0.00**	**1.63**
METAL				
Aluminum Cans	2.12	0.75	0.00	2.87
Ferrous, Magnetic	123.20	3.58	0.00	126.78
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	3.85	0.00	3.85
Mixed Scrap Metal	2.20	13.25	0.00	15.45
TOTAL METAL	**127.52**	**21.43**	**0.00**	**148.95**
PAPER				
Cardboard	47.28	108.47	0.00	155.75
Magazines	0.00	1.73	0.00	1.73
Newspaper & Inserts	48.66	0.09	0.00	48.75
Office Paper	0.00	1.39	0.00	1.39
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.15	0.00	0.15
Mixed Paper	55.71	5.14	0.00	60.85
TOTAL PAPER	**151.65**	**116.97**	**0.00**	**268.62**
PLASTIC				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.03	0.00	0.03
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	30.20	0.00	0.00	30.20
Mixed Plastic	0.00	4.48	0.00	4.48
TOTAL PLASTIC	**30.20**	**4.55**	**0.00**	**34.75**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	14.68	0.36	0.00	15.04
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.81	0.00	0.00	0.81
Tires (automobiles, trucks, motorcycles)	66.23	0.00	0.00	66.23
Used Motor Oil (automobiles, trucks, motorcycles)	1.52	0.00	0.00	1.52
TOTAL BANNED ITEMS	**83.24**	**0.36**	**0.00**	**83.60**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.11	0.00	0.11
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.03	0.00	0.03
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	0.03	0.00	0.03
Textiles (recycled – not donated for reuse)	0.00	1.53	0.00	1.53
Used Oil Filters	0.18	0.84	0.00	1.02
Wood Packaging (pallets, crates, barrels)	0.00	0.12	0.00	0.12
Items Not Listed Above	0.00	1.97	0.00	1.97
TOTAL MISCELLANEOUS	**0.18**	**5.29**	**0.00**	**5.47**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**0.06**	**0.00**	**0.06**
TOTAL FOR ALL	**389.87**	**153.21**	**0.00**	**543.08**

NEWBERRY COUNTY

TABLE 8.76: Newberry County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
37,783	12	0	28.2	2.00	13,762.87	5.07	34,962.37

TABLE 8.77: Newberry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.40	0.00	0.40
Containers & Packaging - Clear	0.00	0.40	0.00	0.40
Containers & Packaging - Green	0.00	0.05	0.00	0.05
Containers & Packaging - Mixed	83.94	1.73	0.00	85.67
TOTAL GLASS	**83.94**	**2.58**	**0.00**	**86.52**
METAL				
Aluminum Cans	4.71	1.10	0.00	5.81
Ferrous, Magnetic	0.00	3.58	234.20	237.78
Non-ferrous, Non-magnetic	0.00	0.00	4.40	4.40
Steel Cans	0.00	0.17	0.00	0.17
Mixed Scrap Metal	163.99	51.07	417.41	632.47
TOTAL METAL	**168.70**	**55.92**	**656.01**	**880.63**
PAPER				
Cardboard	432.44	1,023.17	5,489.04	6,944.65
Magazines	0.00	1.73	0.00	1.73
Newspaper & Inserts	0.00	0.09	0.00	0.09
Office Paper	0.00	15.61	2.42	18.03
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.15	0.00	0.15
Mixed Paper	183.10	297.35	0.00	480.45
TOTAL PAPER	**615.54**	**1,338.10**	**5,491.46**	**7,445.10**
PLASTIC				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	20.96	0.00	20.96
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	57.61	0.00	0.00	57.61
Mixed Plastic	0.00	18.08	438.72	456.80
TOTAL PLASTIC	**57.61**	**39.09**	**438.72**	**535.42**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	3,253.40	0.00	0.00	3,253.40
TOTAL ORGANICS	**3,253.40**	**0.00**	**0.00**	**3,253.40**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	110.59	0.05	0.00	110.64
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	33.64	0.39	2.11	36.14
Tires (automobiles, trucks, motorcycles)	256.85	2.20	0.00	259.05
Used Motor Oil (automobiles, trucks, motorcycles)	21.71	0.00	0.00	21.71
TOTAL BANNED ITEMS	**422.79**	**2.64**	**2.11**	**427.54**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	4.54	4.91
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	11.87	7.06	0.00	18.93
Fluorescent Bulbs	0.59	0.11	0.37	1.07
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.03	0.00	0.03
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.29	0.40	0.69
Rechargeable Batteries	0.00	0.01	0.00	0.01
Textiles (recycled – not donated for reuse)	0.00	0.11	0.00	0.11
Used Oil Filters	0.89	0.84	0.00	1.73
Wood Packaging (pallets, crates, barrels)	0.00	19.37	1,069.00	1,088.37
Items Not Listed Above	0.00	1.47	0.00	1.47
TOTAL MISCELLANEOUS	**13.35**	**29.67**	**1,074.31**	**1,117.33**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**16.93**	**0.00**	**16.93**
TOTAL FOR ALL	**4,615.33**	**1,484.93**	**7,662.61**	**13,762.87**

OCONEE COUNTY

TABLE 8.78: Oconee County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
7,5192	12	3	18.4	0.76	10,434.05	3.37	46,260.07

TABLE 8.79: Oconee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	72.16	0.29	0.00	72.45
Containers & Packaging - Clear	127.39	0.29	0.00	127.68
Containers & Packaging - Green	124.27	0.25	0.00	124.52
Containers & Packaging - Mixed	0.00	1.56	0.00	1.56
TOTAL GLASS	**323.82**	**2.39**	**0.00**	**326.21**
METAL				
Aluminum Cans	24.06	0.95	0.83	25.84
Ferrous, Magnetic	0.00	3.43	0.00	3.43
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.16	0.50	0.66
Mixed Scrap Metal	402.44	65.26	129.48	597.18
TOTAL METAL	**426.50**	**69.80**	**130.81**	**627.11**
PAPER				
Cardboard	1,173.83	3,113.35	2,233.86	6,521.04
Magazines	0.00	1.65	0.00	1.65
Newspaper & Inserts	154.33	0.08	0.00	154.41
Office Paper	0.00	6.77	1.00	7.77
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.27	0.00	0.27
Mixed Paper	574.27	66.99	127.92	769.18
TOTAL PAPER	**1,902.43**	**3,189.11**	**2,362.78**	**7,454.32**
PLASTIC				
HDPE	0.00	0.15	0.00	0.15
LDPE	0.00	35.67	0.00	35.67
PET	0.00	0.21	0.26	0.47
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	77.84	30.97	26.09	134.90
TOTAL PLASTIC	**77.84**	**67.00**	**26.35**	**171.19**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	24.00	0.00	0.00	24.00
Electronics	0.00	0.00	0.53	0.53
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	45.18	115.85	6.34	167.37
Tires (automobiles, trucks, motorcycles)	786.91	76.17	0.00	863.08
Used Motor Oil (automobiles, trucks, motorcycles)	184.95	0.00	0.00	184.95
TOTAL BANNED ITEMS	**1,041.04**	**192.02**	**6.87**	**1,239.93**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	16.09	0.00	16.09
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	125.22	3.57	0.00	128.79
Fluorescent Bulbs	0.00	0.41	1.02	1.43
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.52	0.04	0.56
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	0.00	0.28	0.00	0.28
Rechargeable Batteries	0.76	1.09	0.01	1.86
Textiles (recycled – not donated for reuse)	131.10	0.01	5.00	136.11
Used Oil Filters	11.70	2.12	0.00	13.82
Wood Packaging (pallets, crates, barrels)	0.00	31.87	210.70	242.57
Items Not Listed Above	0.00	8.51	42.96	51.47
TOTAL MISCELLANEOUS	**268.78**	**64.50**	**259.73**	**593.01**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**22.28**	**0.00**	**22.28**
TOTAL FOR ALL	**4,040.42**	**3,607.09**	**2,786.54**	**10,434.05**

ORANGEBURG COUNTY

TABLE 8.80: Orangeburg County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
90,090	21	1	16.2	0.59	9,644.71	3.05	50,068.74

TABLE 8.81: Orangeburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	6.97	0.69	0.00	7.66
TOTAL GLASS	**6.97**	**0.69**	**0.00**	**7.66**
METAL				
Aluminum Cans	0.00	0.25	3.58	3.83
Ferrous, Magnetic	0.00	52.99	1,200.00	1,252.99
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.04	0.00	0.04
Mixed Scrap Metal	345.04	80.35	96.80	522.19
TOTAL METAL	**345.04**	**133.63**	**1,300.38**	**1,779.05**
PAPER				
Cardboard	318.97	2,973.43	1,897.53	5,189.93
Magazines	0.00	0.63	0.01	0.64
Newspaper & Inserts	71.97	0.08	0.04	72.09
Office Paper	0.00	57.36	10.31	67.67
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.06	0.00	0.06
Mixed Paper	0.00	8.67	4.17	12.84
TOTAL PAPER	**390.94**	**3,040.23**	**1,912.06**	**5,343.23**
PLASTIC				
HDPE	62.82	0.01	12.47	75.30
LDPE	0.00	55.60	8.72	64.32
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	2.10	2.06	4.16
Mixed Plastic	0.00	50.54	15.64	66.18
TOTAL PLASTIC	**62.82**	**108.25**	**38.89**	**209.96**
ORGANICS				
Food Waste	0.00	54.35	0.00	54.35
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**54.35**	**0.00**	**54.35**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	178.38	0.27	4.00	182.65
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	38.17	68.23	17.76	124.16
Tires (automobiles, trucks, motorcycles)	618.15	56.49	0.00	674.64
Used Motor Oil (automobiles, trucks, motorcycles)	61.79	0.00	0.00	61.79
TOTAL BANNED ITEMS	**896.49**	**124.99**	**21.76**	**1,043.24**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	2.13	0.00	2.13
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	18.94	14.00	0.00	32.94
Fluorescent Bulbs	0.00	3.82	1.32	5.14
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	1.00	1.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	1.11	0.70	1.81
Rechargeable Batteries	0.00	0.25	0.91	1.16
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	1.28	112.22	2.33	115.83
Wood Packaging (pallets, crates, barrels)	0.00	818.99	115.84	934.83
Items Not Listed Above	0.00	0.88	5.50	6.38
TOTAL MISCELLANEOUS	**20.22**	**953.42**	**127.60**	**1,101.24**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**61.94**	**44.04**	**105.98**
TOTAL FOR ALL	**1,722.48**	**4,477.50**	**3,444.73**	**9,644.71**

PICKENS COUNTY

TABLE 8.82: Pickens County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
120,368	9	8	32.1	1.18	26,005.64	2.50	54,933.46

TABLE 8.83: Pickens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	98.19	0.11	0.00	98.30
Containers & Packaging - Clear	205.12	0.08	0.00	205.20
Containers & Packaging - Green	87.63	0.00	0.00	87.63
Containers & Packaging - Mixed	0.00	23.00	0.00	23.00
TOTAL GLASS	**390.94**	**23.19**	**0.00**	**414.13**
METAL				
Aluminum Cans	124.15	2.81	16.41	143.37
Ferrous, Magnetic	0.00	4.03	123.44	127.47
Non-ferrous, Non-magnetic	0.00	11.20	22.50	33.70
Steel Cans	105.74	4.86	2.36	112.96
Mixed Scrap Metal	1,307.30	221.84	88.37	1,617.51
TOTAL METAL	**1,537.19**	**244.74**	**253.08**	**2,035.01**
PAPER				
Cardboard	2,878.88	1,712.84	241.11	4,832.83
Magazines	4.21	1.70	0.00	5.91
Newspaper & Inserts	0.00	0.14	0.00	0.14
Office Paper	68.12	9.94	5.70	83.76
Paperboard	0.00	0.03	0.00	0.03
Phone Books	0.00	0.16	0.00	0.16
Mixed Paper	1,498.78	642.06	0.00	2,140.84
TOTAL PAPER	**4,449.99**	**2,366.87**	**246.81**	**7,063.67**
PLASTIC				
HDPE	64.58	0.50	0.00	65.08
LDPE	0.00	14.36	2.36	16.72
PET	48.46	0.16	0.00	48.62
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	67.15	0.00	0.00	67.15
Mixed Plastic	0.00	47.62	0.00	47.62
TOTAL PLASTIC	**180.19**	**62.64**	**2.36**	**245.19**
ORGANICS				
Food Waste	0.00	263.28	0.00	263.28
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	7,083.06	1,460.98	0.00	8,544.04
TOTAL ORGANICS	**7,083.06**	**1,724.26**	**0.00**	**8,807.32**
BANNED ITEMS				
Appliances	181.66	4.93	0.00	186.59
Electronics	121.70	28.72	0.81	151.23
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	118.26	11.10	0.00	129.37
Tires (automobiles, trucks, motorcycles)	933.84	2.36	0.00	936.20
Used Motor Oil (automobiles, trucks, motorcycles)	131.50	0.00	0.00	131.50
TOTAL BANNED ITEMS	**1,486.96**	**47.11**	**0.81**	**1,534.88**
MISCELLANEOUS ITEMS				
Antifreeze	6.20	0.35	0.00	6.55
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	88.62	26.34	0.00	114.96
Fluorescent Bulbs	0.19	5.85	0.41	6.45
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.21	3.78	0.04	4.03
Mattresses & Box Springs	0.00	0.03	0.00	0.03
Paint	19.82	0.28	0.00	20.10
Rechargeable Batteries	0.25	0.23	0.01	0.49
Textiles (recycled – not donated for reuse)	135.46	0.01	0.00	135.47
Used Oil Filters	9.64	0.80	0.00	10.44
Wood Packaging (pallets, crates, barrels)	135.92	324.18	83.87	543.97
Items Not Listed Above	0.00	5.40	0.00	5.40
TOTAL MISCELLANEOUS	**396.31**	**367.25**	**84.33**	**847.89**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**4,844.41**	**212.88**	**0.25**	**5,057.54**
TOTAL FOR ALL	**20,369.06**	**5,048.94**	**587.64**	**26,005.64**

RICHLAND COUNTY

TABLE 8.84: Richland County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
401,566	10	5	25.0	1.13	82,923.43	3.40	249,127.66

TABLE 8.85: Richland County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	22.16	0.00	0.00	22.16
Containers & Packaging - Clear	11.53	0.02	0.00	11.55
Containers & Packaging - Green	65.70	0.00	0.00	65.70
Containers & Packaging - Mixed	47.80	193.82	0.00	241.62
TOTAL GLASS	**147.19**	**193.84**	**0.00**	**341.03**
METAL				
Aluminum Cans	183.43	78.94	36.97	299.34
Ferrous, Magnetic	6,432.57	8,015.76	6,432.30	20,880.63
Non-ferrous, Non-magnetic	2,192.71	2,192.71	2,191.71	6,577.13
Steel Cans	0.00	132.82	0.00	132.82
Mixed Scrap Metal	408.24	402.90	86.82	897.96
TOTAL METAL	**9,216.95**	**10,823.13**	**8,747.80**	**28,787.88**
PAPER				
Cardboard	2,539.17	19,163.32	3,878.44	25,580.93
Magazines	0.00	90.70	0.00	90.70
Newspaper & Inserts	197.12	1.05	0.00	198.17
Office Paper	31.49	1,256.71	429.21	1,717.40
Paperboard	0.00	39.08	25.63	64.71
Phone Books	0.00	0.51	0.00	0.51
Mixed Paper	27.65	617.79	20.90	666.34
TOTAL PAPER	**2,795.43**	**21,169.16**	**4,354.18**	**28,318.76**
PLASTIC				
HDPE	62.19	13.44	90.93	166.56
LDPE	0.00	172.78	1.93	174.70
PET	0.00	1.28	54.29	55.57
PP	0.00	0.57	97.96	98.53
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	176.22	29.88	206.10
Mixed Plastic	0.76	178.58	79.70	259.04
TOTAL PLASTIC	**62.95**	**542.87**	**354.69**	**960.50**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	2,707.74	987.70	0.00	3,695.44
TOTAL ORGANICS	**2,707.74**	**987.70**	**0.00**	**3,695.44**
BANNED ITEMS				
Appliances	0.00	21.85	0.00	21.85
Electronics	369.71	179.09	0.00	548.80
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	1,734.37	123.69	0.00	1,858.06
Tires (automobiles, trucks, motorcycles)	2,118.34	230.60	0.00	2,348.94
Used Motor Oil (automobiles, trucks, motorcycles)	95.81	0.00	0.00	95.81
TOTAL BANNED ITEMS	**4,318.23**	**555.23**	**0.00**	**4,873.46**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	1.32	0.00	1.32
Carpet	12.72	0.00	0.00	12.72
Carpet Padding	3.88	0.00	0.00	3.88
Cooking Oil/Grease	6.96	62.44	0.00	69.40
Fluorescent Bulbs	0.11	1.93	0.00	2.04
Household Hazardous Materials	11.75	0.00	0.00	11.75
Inkjet/Toner Cartridges	0.22	4.20	0.00	4.42
Mattresses & Box Springs	113.73	0.00	0.00	113.73
Paint	1.16	11.81	0.00	12.97
Rechargeable Batteries	0.00	0.71	0.00	0.71
Textiles (recycled – not donated for reuse)	0.00	53.34	0.00	53.34
Used Oil Filters	5.80	1.13	0.00	6.93
Wood Packaging (pallets, crates, barrels)	0.00	491.45	73.39	564.84
Items Not Listed Above	0.00	152.44	0.00	152.44
TOTAL MISCELLANEOUS	**156.32**	**780.77**	**73.39**	**1,010.48**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**13,329.10**	**1,588.49**	**18.28**	**14,935.87**
TOTAL FOR ALL	**32,733.91**	**36,641.19**	**13,548.33**	**82,923.43**

SALUDA COUNTY

TABLE 8.86: Saluda County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
20,026	7	1	8.7	0.22	811.49	2.32	8,492.63

TABLE 8.87: Saluda County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	1.63	0.00	1.63
TOTAL GLASS	**0.00**	**1.63**	**0.00**	**1.63**
METAL				
Aluminum Cans	3.50	0.94	0.00	4.44
Ferrous, Magnetic	217.09	3.58	0.00	220.67
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.12	0.00	0.12
Mixed Scrap Metal	3.62	13.25	0.00	16.87
TOTAL METAL	**224.21**	**17.89**	**0.00**	**242.10**
PAPER				
Cardboard	40.41	4.76	0.00	45.17
Magazines	0.00	1.73	0.00	1.73
Newspaper & Inserts	80.29	0.09	0.00	80.38
Office Paper	0.00	6.03	0.00	6.03
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.20	0.00	0.20
Mixed Paper	102.19	0.67	0.00	102.86
TOTAL PAPER	**222.89**	**13.48**	**0.00**	**236.37**
PLASTIC				
HDPE	0.00	0.04	0.00	0.04
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	49.83	0.00	0.00	49.83
Mixed Plastic	0.00	0.04	0.00	0.04
TOTAL PLASTIC	**49.83**	**0.09**	**0.00**	**49.92**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	30.98	0.00	0.00	30.98
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.61	0.37	0.00	0.98
Tires (automobiles, trucks, motorcycles)	208.06	2.20	0.00	210.26
Used Motor Oil (automobiles, trucks, motorcycles)	4.32	0.00	0.00	4.32
TOTAL BANNED ITEMS	**243.97**	**2.57**	**0.00**	**246.54**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.37	0.00	0.37
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.11	0.00	0.11
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.17	0.00	0.17
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.29	0.00	0.29
Rechargeable Batteries	0.00	0.01	0.00	0.01
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	0.00	0.84	0.00	0.84
Wood Packaging (pallets, crates, barrels)	0.00	0.12	0.00	0.12
Items Not Listed Above	0.00	1.47	0.00	1.47
TOTAL MISCELLANEOUS	**0.00**	**3.39**	**0.00**	**3.39**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**31.54**	**0.00**	**0.00**	**31.54**
TOTAL FOR ALL	**772.44**	**39.05**	**0.00**	**811.49**

SPARTANBURG COUNTY

TABLE 8.88: Spartanburg County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
293,542	18	2	20.9	1.37	73,368.43	5.20	278,424.74

TABLE 8.89: Spartanburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	0.00	0.15	0.00	0.15
Containers & Packaging - Clear	0.00	0.15	0.00	0.15
Containers & Packaging - Green	0.00	0.03	0.00	0.03
Containers & Packaging - Mixed	25.73	2.63	3.15	31.51
TOTAL GLASS	**25.73**	**2.96**	**3.15**	**31.84**
METAL				
Aluminum Cans	0.00	1.03	1.79	2.82
Ferrous, Magnetic	0.00	3.43	807.16	810.59
Non-ferrous, Non-magnetic	0.00	0.00	197.44	197.44
Steel Cans	0.00	10.25	0.00	10.25
Mixed Scrap Metal	1,127.16	132.96	1,990.46	3,250.58
TOTAL METAL	**1,127.16**	**147.67**	**2,996.85**	**4,271.68**
PAPER				
Cardboard	65.24	5,168.22	26,252.54	31,486.00
Magazines	0.00	4.15	0.00	4.15
Newspaper & Inserts	0.00	3.78	0.00	3.78
Office Paper	0.00	33.13	930.09	963.22
Paperboard	0.00	2.50	0.00	2.50
Phone Books	0.00	2.81	0.00	2.81
Mixed Paper	3,028.98	26.41	11,248.19	14,303.58
TOTAL PAPER	**3,094.22**	**5,241.00**	**38,430.82**	**46,766.04**
PLASTIC				
HDPE	0.00	0.71	0.00	0.71
LDPE	0.00	69.35	24.95	94.30
PET	0.00	0.01	0.00	0.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	61.82	60.04	1,593.53	1,715.39
TOTAL PLASTIC	**61.82**	**130.11**	**1,618.48**	**1,810.41**
ORGANICS				
Food Waste	0.00	97.48	5.43	102.91
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	90.17	0.00	90.17
Yard Trimmings (recycled into mulch)	4,701.66	0.00	0.00	4,701.66
TOTAL ORGANICS	**4,701.66**	**187.65**	**5.43**	**4,894.74**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	522.40	5.07	9.51	536.98
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	158.29	1.21	22.07	181.57
Tires (automobiles, trucks, motorcycles)	1,844.03	2.78	149.98	1,996.79
Used Motor Oil (automobiles, trucks, motorcycles)	147.43	0.00	0.00	147.43
TOTAL BANNED ITEMS	**2,672.15**	**9.06**	**181.56**	**2,862.77**
MISCELLANEOUS ITEMS				
Antifreeze	8.40	0.53	2.83	11.76
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	11.43	55.89	0.00	67.32
Fluorescent Bulbs	0.00	1.67	9.01	10.68
Household Hazardous Materials	20.77	0.00	0.00	20.77
Inkjet/Toner Cartridges	0.00	0.59	0.79	1.38
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.37	0.00	0.37
Rechargeable Batteries	0.00	0.32	2.76	3.08
Textiles (recycled – not donated for reuse)	0.00	4.08	0.00	4.08
Used Oil Filters	3.65	0.80	0.00	4.45
Wood Packaging (pallets, crates, barrels)	0.00	109.07	6,570.65	6,679.72
Items Not Listed Above	0.00	4.22	391.50	395.72
TOTAL MISCELLANEOUS	**44.25**	**177.54**	**6,977.54**	**7,199.33**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**2,810.51**	**1,602.37**	**1,118.74**	**5,531.62**
TOTAL FOR ALL	**14,537.50**	**7,498.36**	**51,332.57**	**73,368.43**

SUMTER COUNTY

TABLE 8.90: Sumter County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
107,919	9	1	25.4	1.00	19,725.64	2.95	58,086.62

TABLE 8.91: Sumter County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	521.60	0.00	0.00	521.60
Containers & Packaging - Clear	37.60	0.00	0.00	37.60
Containers & Packaging - Green	0.00	0.00	0.00	0.00
Containers & Packaging - Mixed	118.55	1.17	0.00	119.72
TOTAL GLASS	**677.75**	**1.17**	**0.00**	**678.92**
METAL				
Aluminum Cans	65.33	4.40	0.17	69.90
Ferrous, Magnetic	0.00	81.60	0.00	81.60
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	66.56	4.55	0.00	71.11
Mixed Scrap Metal	4,576.80	40.87	81.96	4,699.63
TOTAL METAL	**4,708.69**	**131.42**	**82.13**	**4,922.24**
PAPER				
Cardboard	2,321.13	1,756.48	0.00	4,077.61
Magazines	0.00	2.02	0.00	2.02
Newspaper & Inserts	211.41	1.19	0.00	212.60
Office Paper	52.05	86.13	0.00	138.18
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.21	0.00	0.21
Mixed Paper	1,332.00	4.44	0.00	1,336.44
TOTAL PAPER	**3,916.59**	**1,850.47**	**0.00**	**5,767.06**
PLASTIC				
HDPE	128.04	6.11	69.94	204.09
LDPE	0.00	21.40	0.00	21.40
PET	72.02	0.32	0.00	72.34
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	13.70	0.00	0.00	13.70
Mixed Plastic	115.55	11.51	0.00	127.06
TOTAL PLASTIC	**329.31**	**39.34**	**69.94**	**438.59**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	1,237.83	0.00	0.00	1,237.83
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	626.20	0.00	0.00	626.20
TOTAL ORGANICS	**1,864.03**	**0.00**	**0.00**	**1,864.03**
BANNED ITEMS				
Appliances	4,129.25	0.00	0.00	4,129.25
Electronics	156.81	2.39	0.00	159.20
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	131.11	0.39	0.00	131.50
Tires (automobiles, trucks, motorcycles)	863.23	131.80	0.00	995.03
Used Motor Oil (automobiles, trucks, motorcycles)	103.61	0.00	0.00	103.61
TOTAL BANNED ITEMS	**5,384.01**	**134.58**	**0.00**	**5,518.59**
MISCELLANEOUS ITEMS				
Antifreeze	7.80	1.05	0.00	8.85
Carpet	0.00	0.10	0.00	0.10
Carpet Padding	0.00	0.10	0.00	0.10
Cooking Oil/Grease	221.40	17.55	0.00	238.95
Fluorescent Bulbs	6.20	0.28	0.00	6.48
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	1.00	0.38	0.00	1.38
Mattresses & Box Springs	0.00	0.01	0.00	0.01
Paint	0.00	0.21	0.00	0.21
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles (recycled – not donated for reuse)	12.40	1.83	0.00	14.23
Used Oil Filters	10.89	0.60	0.00	11.49
Wood Packaging (pallets, crates, barrels)	0.00	39.67	181.54	221.21
Items Not Listed Above	0.00	1.84	0.00	1.84
TOTAL MISCELLANEOUS	**259.69**	**63.64**	**181.54**	**504.87**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**31.34**	**0.00**	**31.34**
TOTAL FOR ALL	**17,140.07**	**2,251.96**	**333.61**	**19,725.64**

UNION COUNTY

TABLE 8.92: Union County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
27,876	10	0	5.5	0.19	990.86	3.34	16,989.70

TABLE 8.93: Union County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.69	0.00	0.69
TOTAL GLASS	**0.00**	**0.69**	**0.00**	**0.69**
METAL				
Aluminum Cans	0.00	0.29	0.00	0.29
Ferrous, Magnetic	0.00	1.51	0.00	1.51
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.05	0.00	0.05
Mixed Scrap Metal	0.00	5.58	0.00	5.58
TOTAL METAL	**0.00**	**7.43**	**0.00**	**7.43**
PAPER				
Cardboard	0.00	322.89	0.00	322.89
Magazines	0.00	0.76	0.00	0.76
Newspaper & Inserts	0.00	0.04	0.00	0.04
Office Paper	0.00	0.70	0.00	0.70
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.60	0.00	0.60
Mixed Paper	0.00	0.28	0.00	0.28
TOTAL PAPER	**0.00**	**325.27**	**0.00**	**325.27**
PLASTIC				
HDPE	0.00	0.02	0.00	0.02
LDPE	0.00	9.26	0.00	9.26
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.02	0.00	0.02
TOTAL PLASTIC	**0.00**	**9.30**	**0.00**	**9.30**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	32.93	0.00	0.00	32.93
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	11.13	0.16	0.00	11.29
Tires (automobiles, trucks, motorcycles)	204.88	0.93	0.00	205.81
Used Motor Oil (automobiles, trucks, motorcycles)	13.16	0.00	0.00	13.16
TOTAL BANNED ITEMS	**262.10**	**1.09**	**0.00**	**263.19**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.16	0.00	0.16
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	1.02	7.00	0.00	8.02
Fluorescent Bulbs	0.00	0.04	0.00	0.04
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	0.00	0.01	0.00	0.01
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.12	0.00	0.12
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 Oil Filters	0.30	0.35	0.00	0.65
Wood Packaging (pallets, crates, barrels)	0.00	0.05	0.00	0.05
Items Not Listed Above	0.00	0.62	0.00	0.62
TOTAL MISCELLANEOUS	**1.32**	**8.35**	**0.00**	**9.67**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**344.58**	**30.74**	**0.00**	**375.31**
TOTAL FOR ALL	**608.00**	**382.86**	**0.00**	**990.86**

WILLIAMSBURG COUNTY

TABLE 8.94: Williamsburg County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
32,695	20	1	13.8	0.19	1,142.76	1.19	7,110.86

TABLE 8.95: Williamsburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
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	0.52	0.00	0.52
TOTAL GLASS	**0.00**	**0.52**	**0.00**	**0.52**
METAL				
Aluminum Cans	0.00	0.92	0.00	0.92
Ferrous, Magnetic	0.00	16.15	0.00	16.15
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	212.11	0.04	0.00	212.15
Mixed Scrap Metal	169.11	4.26	0.00	173.37
TOTAL METAL	**381.22**	**21.37**	**0.00**	**402.59**
PAPER				
Cardboard	56.17	215.73	0.00	271.90
Magazines	0.00	0.55	0.00	0.55
Newspaper & Inserts	0.00	0.03	0.00	0.03
Office Paper	0.00	5.75	0.00	5.75
Paperboard	0.00	0.00	0.00	0.00
Phone Books	0.00	0.77	0.00	0.77
Mixed Paper	27.66	2.36	0.00	30.02
TOTAL PAPER	**83.83**	**225.19**	**0.00**	**309.02**
PLASTIC				
HDPE	0.00	0.01	0.00	0.01
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Vinyl	0.00	0.00	0.00	0.00
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	6.75	6.51	0.00	13.26
TOTAL PLASTIC	**6.75**	**6.52**	**0.00**	**13.27**
ORGANICS				
Food Waste	0.00	0.00	0.00	0.00
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into mulch)	0.00	0.00	0.00	0.00
TOTAL ORGANICS	**0.00**	**0.00**	**0.00**	**0.00**
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
Electronics	41.85	0.00	0.00	41.85
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	0.17	0.12	0.00	0.29
Tires (automobiles, trucks, motorcycles)	281.61	0.70	0.00	282.31
Used Motor Oil (automobiles, trucks, motorcycles)	44.37	0.00	0.00	44.37
TOTAL BANNED ITEMS	**368.00**	**0.82**	**0.00**	**368.82**
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.12	0.00	0.12
Carpet	0.00	0.00	0.00	0.00
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	10.21	0.00	0.00	10.21
Fluorescent Bulbs	0.00	0.08	0.00	0.08
Household Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet/Toner Cartridges	3.50	0.76	0.00	4.26
Mattresses & Box Springs	0.00	0.00	0.00	0.00
Paint	0.00	0.09	0.00	0.09
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles (recycled – not donated for reuse)	0.00	0.01	0.00	0.01
Used Oil Filters	22.21	0.27	0.00	22.48
Wood Packaging (pallets, crates, barrels)	0.00	0.54	0.00	0.54
Items Not Listed Above	0.00	0.57	0.00	0.57
TOTAL MISCELLANEOUS	**35.92**	**2.44**	**0.00**	**38.36**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**0.00**	**10.18**	**0.00**	**10.18**
TOTAL FOR ALL	**875.72**	**267.04**	**0.00**	**1,142.76**

YORK COUNTY

TABLE 8.96: York County MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	RECYCLED (TONS)	DISPOSED (P/P/D)	DISPOSED (TONS)
245,346	17	6	30.5	2.06	92,136.21	4.68	209,761.12

TABLE 8.97: York County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers & Packaging - Brown	130.54	4.53	0.00	135.07
Containers & Packaging - Clear	194.95	4.47	0.00	199.42
Containers & Packaging - Green	119.42	3.22	0.00	122.64
Containers & Packaging - Mixed	0.00	5.25	0.13	5.38
TOTAL GLASS	**444.91**	**17.47**	**0.13**	**462.51**
METAL				
Aluminum Cans	3.50	25.11	312.98	341.59
Ferrous, Magnetic	0.00	10.70	19,209.82	19,220.52
Non-ferrous, Non-magnetic	36.40	0.00	742.50	778.90
Steel Cans	0.00	3.20	7.71	10.91
Mixed Scrap Metal	2,178.94	420.22	5,917.59	8,516.75
TOTAL METAL	**2,218.84**	**459.23**	**26,190.60**	**28,868.67**
PAPER				
Cardboard	3,269.35	5,779.07	1,021.14	10,069.56
Magazines	0.00	6.40	4.19	10.59
Newspaper & Inserts	688.77	4.93	3.47	697.17
Office Paper	0.00	574.88	1,027.38	1,602.26
Paperboard	0.00	5.05	2,401.15	2,406.20
Phone Books	0.00	6.81	103.11	109.92
Mixed Paper	1,311.72	50.34	1,567.79	2,929.85
TOTAL PAPER	**5,269.84**	**6,427.49**	**6,128.22**	**17,825.55**
PLASTIC				
HDPE	11.80	4.58	29.12	45.50
LDPE	0.00	42.32	1.99	44.31
PET	48.86	4.47	100.99	154.32
PP	0.00	0.00	50.00	50.00
PS	0.00	0.78	0.00	0.78
Vinyl	0.00	3.01	0.00	3.01
Commingled PET & HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	19.24	252.41	73.23	344.88
TOTAL PLASTIC	**79.90**	**307.57**	**255.33**	**642.80**
ORGANICS				
Food Waste	0.00	8.75	0.99	9.74
Yard Trimmings (for use as boiler fuel)	0.00	0.00	0.00	0.00
Yard Trimmings (recycled into compost)	0.00	0.99	0.00	0.99
Yard Trimmings (recycled into mulch)	20,197.76	40.05	0.00	20,237.81
TOTAL ORGANICS	**20,197.76**	**49.79**	**0.99**	**20,248.54**
BANNED ITEMS				
Appliances	85.38	0.00	2,906.00	2,991.38
Electronics	879.54	5.60	5.68	890.82
Lead-acid Batteries (automobiles, trucks, motorcycles – small sealed lead-acid batteries)	136.76	39.52	503.80	680.08
Tires (automobiles, trucks, motorcycles)	1,707.50	181.88	6,415.50	8,304.88
Used Motor Oil (automobiles, trucks, motorcycles)	125.69	0.00	0.00	125.69
TOTAL BANNED ITEMS	**2,934.87**	**227.00**	**9,830.98**	**12,992.85**
MISCELLANEOUS ITEMS				
Antifreeze	7.86	39.65	2.43	49.94
Carpet	141.40	1.00	0.00	142.40
Carpet Padding	0.00	0.00	0.00	0.00
Cooking Oil/Grease	25.34	528.38	0.00	553.72
Fluorescent Bulbs	11.31	5.57	2.52	19.40
Household Hazardous Materials	13.52	0.00	0.00	13.52
Inkjet/Toner Cartridges	0.30	7.81	3.22	11.33
Mattresses & Box Springs	0.00	3.75	0.00	3.75
Paint	72.31	2.37	1.32	76.00
Rechargeable Batteries	1.17	5.34	2.01	8.52
Textiles (recycled – not donated for reuse)	41.00	0.38	15.99	57.37
Used Oil Filters	11.14	222.65	1.44	235.23
Wood Packaging (pallets, crates, barrels)	0.00	797.99	787.79	1,585.78
Items Not Listed Above	0.00	4.48	3,088.89	3,093.37
TOTAL MISCELLANEOUS	**325.35**	**1,619.37**	**3,905.61**	**5,850.33**
COMMINGLED RECYCLABLES				
TOTAL COMMINGLED RECYCLABLES	**4,981.91**	**253.75**	**9.30**	**5,244.96**
TOTAL FOR ALL	**36,453.38**	**9,361.67**	**46,321.16**	**92,136.21**

Disposal

SECTION 9

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 the amount and type of solid waste disposed of annually to the S.C. Department of Health and Environmental Control (DHEC).

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

In fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015) there were 378 solid waste facilities operating under the authority of 15 types of permits in South Carolina. (See Section 10 for a complete list of facilities.) Of that total number of facilities, 157 were landfills. There are three landfill classifications – each of which accepts specific material. See Table 9.1.

Key Disposal Indicators from FY15

The amount of material disposed of in Class 1 landfills decreased 24 percent (21,909 tons) in FY15 – dropping to 68,206 tons. This is mostly due to a decrease in storm debris and the number of Class 1 landfills in operation. See Table 9.13 for Class 1 FY15 disposal totals by county. The amount of C&D debris and certain industrial waste disposed of in Class 2 landfills increased about 0.4 percent* (11,833 tons*) to 3,067,388 tons* in FY15. See Table 9.14 for a list of Class 2 landfills including permitted annual disposal, FY15 disposal and estimated remaining life.

Of the 27 Class 3 landfills, 11 are publicly owned and 16 are privately owned. (See the map on page 86.) The privately owned landfills include seven industrial landfills (i.e., non-commercial). See Table 9.7 for a complete list of Class 3 landfills including permitted annual rate of disposal, FY15 disposal and estimated remaining life.

South Carolinians disposed of 3,058,388 tons of MSW in FY15 – a decrease of 0.3 percent (almost 10,000 tons) from the previous FY. On average, each South Carolinian disposed of about 3.5 pounds of MSW per day – the same as the previous FY.

TSW disposal in Class 3 landfills increased about 315,000 tons in FY15 to about 5.6 million tons. Of that amount, the majority (3.8 million tons or 69 percent) was disposed of in the 16 privately owned Class 3 landfills. The remainder (1.8 million tons or 31 percent) was disposed of in the state's 11 publicly owned Class 3 landfills.

Lee County Landfill, Oakridge Landfill, Richland Landfill and Upstate Regional Landfill accepted 51 percent (about 2.9 million tons) of the TSW disposed of in Class 3 landfills. Of those four landfills, Richland Landfill accepted 17 percent (more than 954,000 tons). See Tables 9.7 through 9.10 for an overview of disposal data.

TABLE 9.1: S.C. Landfill Classifications

TYPE	NUMBER OF FACILITIES IN FY15	MATERIAL ACCEPTED
Class 1	40	Land-clearing debris
Class 2	90	Construction and demolition (C&D) debris
Class 3	27	MSW, C&D debris and industrial solid waste

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

	FY11	FY12	FY13	FY14	FY15
MSW Disposed of in Tons	3,065,806	2,935,876	2,985,852	3,067,942	3,058,338
MSW Disposed of in p/p/d	3.6	3.4	3.5	3.5	3.5
TSW Disposed of in Tons	7,824,312	7,696,559	7,906,522	7,918,780	8,317,621*
TSW Disposed of in p/p/d	9.3	9.0	9.2	9.1	9.4*

*Rev. April 2016

Import and Export of Solid Waste

The amount of out-of-state solid waste disposed of in South Carolina in FY15 was 655,768 tons – a decrease of 5 percent from the previous FY. (See Chart 9.4 below.) Overall, this represents about 7 percent of the total amount of solid waste disposed of in the state.

In FY15, the vast majority of out-of-state solid waste was disposed of in four Class 3 landfills – Lee County Landfill, Palmetto Landfill, Richland Landfill and Upstate Regional Landfill. (See Table 9.6.) Most of the solid waste imported into the state during FY15 was from North Carolina and New York. Those two states combined for 84 percent (more than 551,000 tons) of the total amount of solid waste imported to South Carolina. (See Chart 9.3 and Table 9.6.)

Also see Table 9.6 for amounts of out-of-state waste imported into the state through processing facilities. By attributing this waste to the state of origin rather than the processing facility's county, a more accurate representation of out-of-state waste disposed of in South Carolina landfills is provided. More than 8,000 tons of waste imported to processing facilities was disposed of in the Oakridge Landfill, Richland Landfill and Twin Chimneys Landfill.

CHART 9.3: Percentage of All Solid Waste Imported into South Carolina by State in FY15

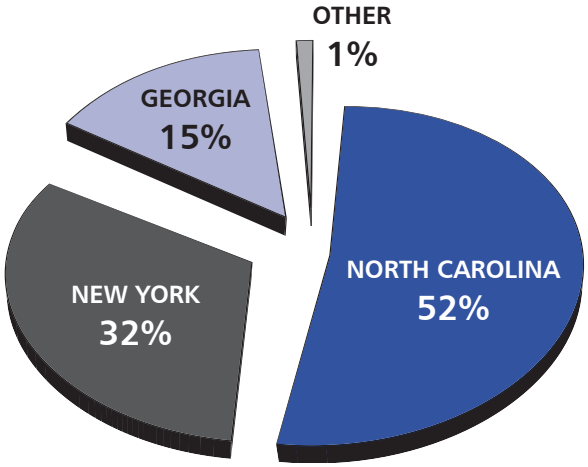


CHART 9.4: Solid Waste Imported into South Carolina

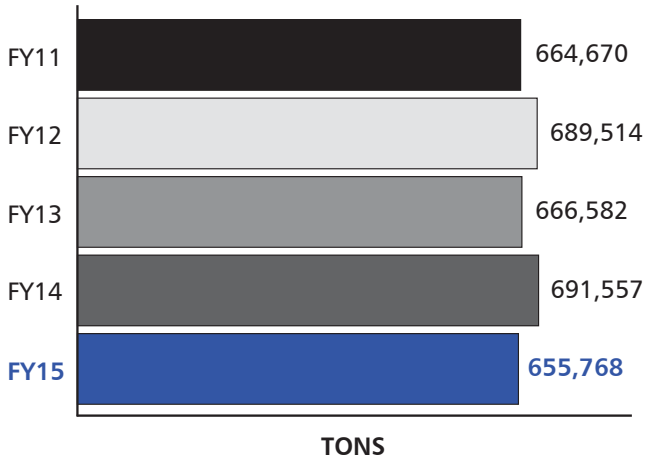
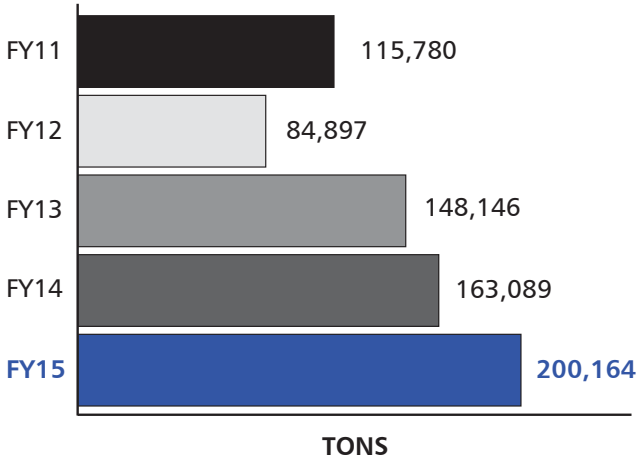
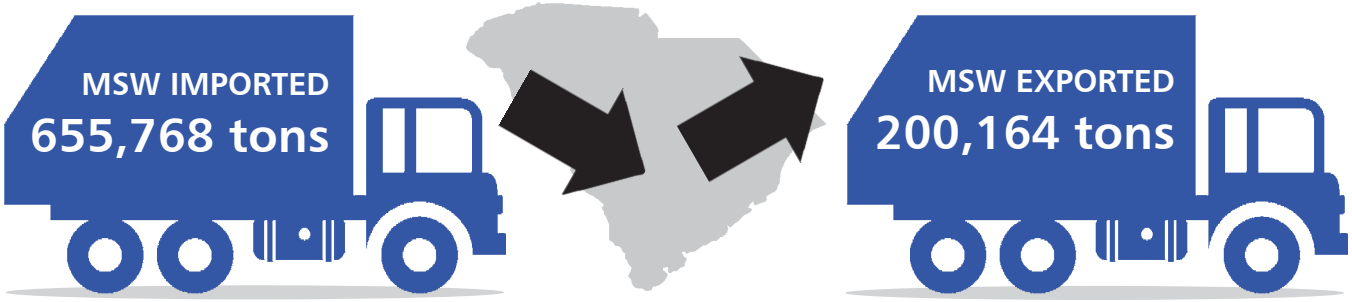


CHART 9.5: Solid Waste Exported from South Carolina





South Carolina exported 200,164 tons of solid waste in FY15 – an increase of 23 percent from the previous FY (163,089 tons). This number can vary by year depending on the number of out-of-state landfills that report.

Fifteen counties (Allendale, Anderson, Chester, Chesterfield, Darlington, Florence, Greenville, Greenwood, Kershaw, 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 9.5.)

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 $40 per ton in FY15, up $2 from the previous FY.

In addition, the average tipping fee for Class 2 disposal was $27 in FY15 the same as the previous FY.

The average tipping fee for Class 1 disposal was $17 up $2 from the previous FY.

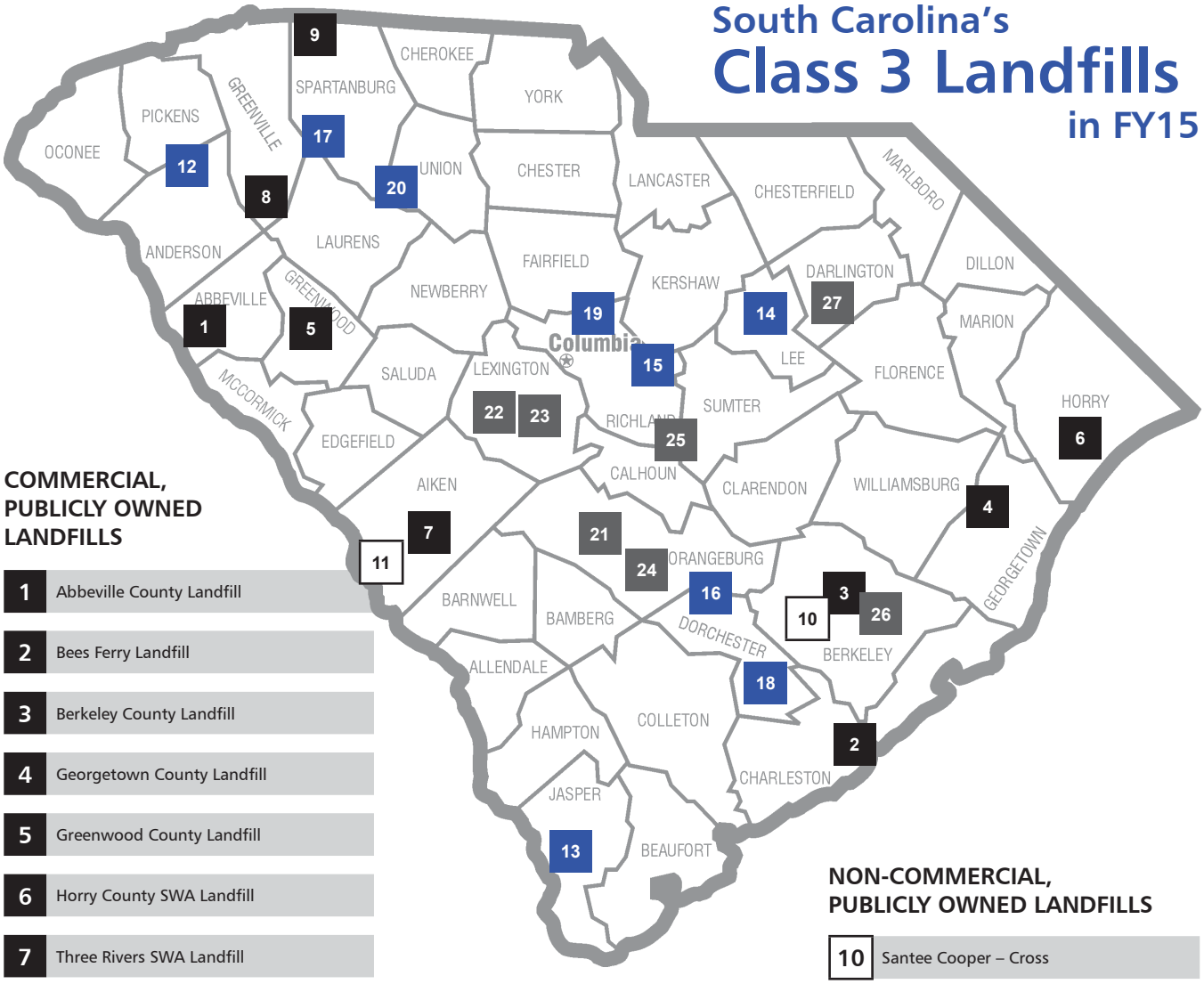
TABLE 9.6: Solid Waste Imported into South Carolina in Tons in FY15

	ABBEVILLE COUNTY LANDFILL Abbeville County	HICKORY HILL LANDFILL Jasper County	LEE COUNTY LANDFILL Lee County	NORTHEAST LANDFILL Richland County	OAKRIDGE LANDFILL Dorchester County	PALMETTO LANDFILL Spartanburg County	RICHLAND LANDFILL Richland County	THREE RIVERS SWA[1] LANDFILL Aiken County	TWIN CHIMNEYS LANDFILL Greenville County	UPSTATE REGIONAL LANDFILL Union County	TOTAL IMPORTED SOLID WASTE DISPOSED OF IN S.C. LANDFILLS
Georgia	214	5,594	0	28	7,211	0	2,397	26,701	2,460	0	44,604
Illinois	0	0	0	0	0	0	0	0	7	0	7
New York	0	0	210,459	0	0	0	3	0	0	0	210,461
North Carolina	0	481	970	2,041	42	67,586	101,339	0	19,436	128,869	320,764
Miscellaneous[2]	0	0	0	0	0	0	0	0	0	0	71,910
Miscellaneous from Processing Facilities[3]	0	0	0	0	91	0	5,527	0	2,403	0	8,021
TOTAL WASTE FROM OUT OF STATE	**214**	**6,075**	**211,429**	**2,069**	**7,344**	**67,586**	**109,266**	**26,701**	**24,306**	**128,869**	**655,768**

1. Solid Waste Authority
2. Miscellaneous represents solid waste imported from Georgia (51,415 tons) and North Carolina (20,495 tons) and disposed of in Class 1 and Class 2 landfills or through incineration. Of the solid waste imported from Georgia, 177 tons of land-clearing debris were disposed of through incineration.
3. Miscellaneous from Processing Facilities represents solid waste that went through processing facilities from Alabama (355), Arkansas (3), Arizona (626), District of Columbia (13), Delaware (17), Florida (687), Indiana (23), Iowa (40), Kansas (90), Kentucky (4), Louisiana (440), Massachusetts (22), Maryland (336), Michigan (43), Mississippi (13), New Jersey (38), Ohio (56), Pennsylvania (144), Rhode Island (30), Tennessee (750), Texas (135), Virginia (2,126), Wisconsin (43) and West Virginia (372) and disposed of in Class 3 landfills.

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

South Carolina's Class 3 Landfills in FY15



COMMERCIAL, PUBLICLY OWNED LANDFILLS

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

NON-COMMERCIAL, PUBLICLY OWNED LANDFILLS

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

COMMERCIAL, PRIVATELY OWNED LANDFILLS

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

NON-COMMERCIAL, PRIVATELY OWNED LANDFILLS[1]

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

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

TABLE 9.7: Class 3 Remaining Capacity & Disposal in Tons

NAME OF CLASS 3 LANDFILL	COUNTY	LANDFILL OWNERSHIP	PERMITTED ANNUAL RATE OF DISPOSAL	FY15 DISPOSAL	ESTIMATED REMAINING CAPACITY OF FACILITY (TONS)	ESTIMATED REMAINING LIFE OF FACILITY BASED ON PERMITTED DISPOSAL RATE IN YEARS	ESTIMATED REMAINING LIFE OF FACILITY BASED ON CURRENT DISPOSAL RATE IN YEARS
COMMERCIALLY OWNED LANDFILLS							
Abbeville County Landfill	Abbeville	Public	46,000	13,696	968,441	21.1	70.7
Anderson Regional Landfill	Anderson	Private	438,000	252,574	5,928,382	13.5	23.5
Bees Ferry Landfill (Charleston)	Charleston	Public	180,000	173,584	5,345,977	29.7	30.8
Berkeley County Landfill	Berkeley	Public	1,000,000	202,496	4,859,003	4.9	24.0
Georgetown County Landfill	Georgetown	Public	79,582	70,141	1,144,850	14.4	16.3
Greenwood County Landfill	Greenwood	Public	150,000	72,467	1,714,970	11.4	23.7
Hickory Hill Landfill	Jasper	Private	302,000	189,961	2,031,840	6.7	10.7
Horry County SWA Landfill	Horry	Public	300,000	239,529	8,592,000	28.6	35.9
Lee County Landfill LLC	Lee	Private	1,944,939	428,789	16,183,465	8.3	37.7
Northeast Landfill LLC	Richland	Private	529,600	173,209	473,446	0.9	2.7
Oakridge Landfill	Dorchester	Private	1,144,000	740,505	3,068,709	2.7	4.1
Palmetto Landfill	Spartanburg	Private	1,200,000	125,258	54,591	0.0	0.4
Pepperhill Landfill	Dorchester	Private	214,500	43	349,857	1.6	8,178.1
Richland Landfill	Richland	Private	988,209	954,404	33,488,628	33.9	35.1
Three Rivers SWA Landfill	Aiken	Public	500,000	254,936	40,695,025	81.4	159.6
Twin Chimneys Landfill	Greenville	Public	500,000	334,095	29,989,158	60.0	89.8
Upstate Regional Landfill	Union	Private	910,000	758,132	2,476,445	2.7	3.3
Wellford Landfill	Spartanburg	Public	260,000	126,523	492,385	1.9	3.9
STATE TOTALS			**10,506,830**	**5,110,341**	**157,857,172**	**15.0**	**30.9**
NON-COMMERCIAL PUBLICLY OWNED LANDFILLS							
Santee Cooper Cross	Berkeley	Public	N/A	N/A	N/A	N/A	N/A
SRS Z-Area	Aiken	Public	N/A	14,044	N/A	N/A	N/A
STATE TOTALS				**14,044**			
NON-COMMERCIAL PRIVATELY OWNED LANDFILLS							
Albemarle Corp.	Orangeburg	Private	N/A	15,888	271,612	N/A	17.1
CMC – 1601	Lexington	Private	75,905	0		N/A	N/A
CMC – 1602	Lexington	Private	150,000	57,346	1,533,986	10.2	26.7
SCE&G Cope	Orangeburg	Private	N/A	97,582	N/A	N/A	N/A
SCE&G-Wateree	Richland	Private	N/A	254,639	N/A	N/A	N/A
SCE&G-Williams Hwy. 52	Berkeley	Private	N/A	63,476	N/A	N/A	N/A
Sonoco Products	Darlington	Private	60,000	0	N/A	N/A	N/A
STATE TOTALS			**285,905**	**472,284**	**1,805,597**		

TABLE 9.8: Class 3 Landfill Disposal Trends in Tons, FY11 to FY15

CLASS 3 LANDFILL	COUNTY	LANDFILL OWNERSHIP	FY11	FY12	FY13	FY14	FY15
Abbeville County Landfill	Abbeville	Public	16,098	17,118	16,898	13,631	13,696
Albemarle Corp. Landfill	Orangeburg	Private	17,540	20,249	3,430	17,056	15,888
Anderson Regional Landfill	Anderson	Private	183,298	205,313	194,645	238,576	252,574
Bees Ferry Landfill	Charleston	Public	149,159	147,544	148,320	151,169	173,584
Berkeley County Landfill	Berkeley	Public	169,620	193,151	205,235	187,726	202,496
CMC 1601	Lexington	Private	101,381	100,057	49,424	0	0
CMC 1602	Lexington	Private	—	—	—	27,029	57,346
Georgetown County Landfill	Georgetown	Public	47,192	54,511	59,860	66,603	70,141
Greenwood County Landfill	Greenwood	Public	61,898	65,095	73,833	61,576	72,467
Hickory Hill Landfill	Jasper	Private	192,371	188,677	179,367	177,410	189,961
Horry County SWA Landfill	Horry	Public	227,439	222,341	225,602	232,627	239,529
Lee County Landfill LLC	Lee	Private	514,885	475,898	424,023	471,058	428,789
Northeast Landfill LLC	Richland	Private	173,566	187,259	170,299	144,625	173,209
Oakridge Landfill	Dorchester	Private	643,591	794,144	564,571	535,444	740,505
Palmetto Landfill	Spartanburg	Private	394,091	291,086	272,441	219,884	125,258
Pepperhill Landfill	Dorchester	Private	99	47	49	53	43
Richland Landfill	Richland	Private	888,984	895,005	944,580	931,247	954,404
Santee Cooper – Cross	Berkeley	Public	—	—	—	0	0
SCE&G – Cope	Orangeburg	Private	—	—	—	226,334	97,582
SCE&G – Wateree Landfill	Richland	Private	110,251	88,783	159,431	133,949	254,639
SCE&G – Williams Hwy. 52 Landfill	Berkeley	Private	140,677	46,771	80,334	63,906	63,476
Sonoco Products	Darlington	Private	—	—	—	—	0
Savannah River Site Z-Area Landfill	Aiken	Public	20,060	11,633	24,685	9,845	14,044
Three Rivers SWA Landfill	Aiken	Public	267,081	267,144	236,917	239,697	254,936
Twin Chimneys Landfill	Greenville	Public	214,639	228,793	260,528	340,714	334,095
Upstate Regional Landfill	Union	Private	777,941	793,012	712,390	690,772	758,132
Wellford Landfill	Spartanburg	Public	151,725	110,958	112,856	117,022	126,523

NOTE: This table only includes Class 3 landfills that were active in FY15.

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

COUNTY OR STATE OF ORIGIN	ABBEVILLE COUNTY LANDFILL	ALBEMARLE CORP. LANDFILL	ANDERSON REGIONAL LANDFILL	BEES FERRY LANDFILL	BERKELEY COUNTY LANDFILL	CMC 1601	CMC 1602	GEORGETOWN COUNTY LANDFILL	GREENWOOD COUNTY LANDFILL	HICKORY HILL LANDFILL	HORRY COUNTY SWA LANDFILL	LEE COUNTY LANDFILL LLC	NORTHEAST LANDFILL LLC	OAKRIDGE LANDFILL	PALMETTO LANDFILL
Abbeville	12,592	0	0	0	0	0	0	0	0	0	0	0	0	66	0
Aiken	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
Allendale	0	0	0	0	0	0	0	0	0	1,513	0	0	46	0	0
Anderson	836	0	67,191	0	0	0	0	0	0	0	0	0	0	0	242
Bamberg	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0
Barnwell	0	0	0	0	0	0	0	0	0	0	0	0	0	38	0
Beaufort	0	0	0	0	1	0	0	0	0	154,969	0	0	0	0	0
Berkeley	0	0	0	1	171,394	0	0	0	0	0	0	0	0	110,085	0
Calhoun	0	0	0	0	0	0	0	0	0	0	0	0	6,135	26	0
Charleston	0	0	0	173,581	30,990	0	0	0	0	19	0	11	51	418,632	4
Cherokee	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0
Chester	0	0	0	0	0	0	0	0	0	0	0	0	449	0	0
Chesterfield	0	0	0	0	0	0	0	0	0	0	0	6,578	0	0	0
Clarendon	0	0	0	0	0	0	0	0	0	0	0	484	0	358	0
Colleton	0	0	0	0	1	0	0	0	0	165	0	0	0	35,266	0
Darlington	0	0	0	0	0	0	0	0	0	0	0	40,151	0	0	0
Dillon	0	0	0	0	0	0	0	0	0	0	0	19,317	89	3	0
Dorchester	0	0	0	1	25	0	0	0	0	13	0	0	0	115,906	0
Edgefield	0	0	0	0	0	0	0	0	0	0	0	0	47	32	0
Fairfield	0	0	0	0	0	0	0	0	0	0	0	0	3,971	122	0
Florence	0	0	0	0	0	0	0	0	0	0	0	55,474	0	4	0
Georgetown	0	0	0	0	0	0	0	70,141	0	139	0	0	0	29,201	0
Greenville	0	0	138,378	0	0	0	0	0	0	0	0	0	0	0	15,362
Greenwood	15	0	56	0	0	0	0	0	72,468	0	0	0	0	0	906
Hampton	0	0	0	0	0	0	0	0	0	10,834	0	0	0	0	0
Horry	0	0	0	0	0	0	0	0	0	0	239,529	4	0	0	0
Jasper	0	0	0	0	0	0	0	0	0	15,697	0	0	0	55	0
Kershaw	0	0	0	0	0	0	0	0	0	0	0	11,172	5,378	0	0
Lancaster	0	0	0	0	0	0	0	0	0	0	0	36,384	185	1	3
Laurens	0	0	226	0	0	0	0	0	0	0	0	0	0	37	175
Lee	0	0	0	0	0	0	0	0	0	0	0	11,092	0	0	0
Lexington	0	0	0	0	5	0	57,346	0	0	513	0	7	37,414	160	0
Marion	0	0	0	0	0	0	0	0	0	0	0	12,210	0	0	1
Marlboro	0	0	0	0	0	0	0	0	0	0	0	14,069	0	0	0
McCormick	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Newberry	0	0	8	0	0	0	0	0	0	0	0	0	917	0	0
Oconee	0	0	372	0	0	0	0	0	0	0	0	0	27	12	152
Orangeburg	0	15,888	0	0	44	0	0	0	0	0	0	0	14,137	21,737	0
Pickens	0	0	3,383	0	0	0	0	0	0	0	0	0	2	0	242
Richland	0	0	0	0	0	0	0	0	0	0	0	10	60,371	0	2
Saluda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Spartanburg	0	0	42,959	0	0	0	0	0	0	0	0	3	3	30	40,497
Sumter	0	0	0	0	0	0	0	0	0	0	0	10,274	41,198	100	0
Union	0	0	0	0	0	0	0	0	0	0	0	0	10	0	70
Williamsburg	0	0	0	0	36	0	0	0	0	0	0	122	0	1,231	0
York	0	0	0	0	0	0	0	0	0	0	0	0	708	1	17
S.C. COUNTIES TOTAL ONLY	13,482	15,888	252,574	173,584	202,496	0	57,346	70,141	72,468	183,885	239,529	217,361	171,139	733,161	57,672
Georgia	214	0	0	0	0	0	0	0	0	5,594	0	0	28	7,211	0
Illinois	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New York	0	0	0	0	0	0	0	0	0	0	0	210,459	0	0	0
North Carolina	0	0	0	0	0	0	0	0	0	481	0	970	2,041	42	67,586
From Processing Facilities	0	0	0	0	0	0	0	0	0	0	0	0	0	91	0
OUT-OF-STATE TOTAL ONLY	214	0	0	0	0	0	0	0	0	6,075	0	211,429	2,069	7,344	67,586
TOTAL WASTE DISPOSED OF AT FACILITY	13,696	15,888	252,574	173,584	202,496	0	57,346	70,141	72,468	189,961	239,529	428,789	173,209	740,505	125,258

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

COUNTY OR STATE OF ORIGIN	PEPPERHILL LANDFILL	RICHLAND LANDFILL	SANTEE COOPER – CROSS LANDFILL	SCE&G – COPE LANDFILL	SCE&G – WATEREE LANDFILL	SCE&G – WILLIAMS HWY. 52 LANDFILL	SAVANNAH RIVER SITE Z-AREA LANDFILL	SONOCO PRODUCTS	THREE RIVERS SWA LANDFILL	TWIN CHIMNEYS LANDFILL	UPSTATE REGIONAL LANDFILL	WELLFORD LANDFILL	TOTAL AMOUNT OF SOLID WASTE DISPOSED OF IN CLASS 3 LANDFILLS	S.C. SOLID WASTE EXPORTED FOR DISPOSAL OUT OF STATE
Abbeville	0	50	0	0	0	0	0	0	0	1,825	0	0	14,533	0
Aiken	0	64	0	0	0	0	14,044	0	113,310	359	0	0	127,806	0
Allendale	0	6	0	0	0	0	0	0	7,396	0	0	0	8,962	25
Anderson	0	26	0	0	0	0	0	0	0	11,719	29,178	0	109,193	48,709
Bamberg	0	70	0	0	0	0	0	0	9,040	7	0	0	9,142	0
Barnwell	0	331	0	0	0	0	0	0	18,778	265	0	0	19,413	0
Beaufort	0	83	0	0	0	0	0	0	0	28	0	0	155,081	0
Berkeley	0	188	0	0	0	63,476	0	0	0	37	0	0	345,180	0
Calhoun	0	3,110	0	0	0	0	0	0	4,699	0	0	0	13,970	0
Charleston	43	565	0	0	0	0	0	0	0	109	0	0	624,004	0
Cherokee	0	3	0	0	0	0	0	0	0	331	79,450	0	79,813	0
Chester	0	18,491	0	0	0	0	0	0	0	215	13,198	0	32,353	1,320
Chesterfield	0	4,856	0	0	0	0	0	0	0	5	0	0	11,440	12,664
Clarendon	0	11,816	0	0	0	0	0	0	0	0	0	0	12,658	0
Colleton	0	38	0	0	0	0	0	0	0	0	0	0	35,471	0
Darlington	0	3,887	0	0	0	0	0	0	0	33	0	0	44,070	102
Dillon	0	389	0	0	0	0	0	0	0	0	0	0	19,797	0
Dorchester	0	623	0	0	0	0	0	0	0	24	0	0	116,592	0
Edgefield	0	261	0	0	0	0	0	0	14,772	3,520	0	0	18,631	0
Fairfield	0	20,153	0	0	0	0	0	0	0	2	0	0	24,248	0
Florence	0	80,050	0	0	0	0	0	0	0	64	0	0	135,592	112
Georgetown	0	7	0	0	0	0	0	0	0	29	0	0	99,517	0
Greenville	0	1,920	0	0	0	0	0	0	0	207,435	121,395	0	484,489	84
Greenwood	0	463	0	0	0	0	0	0	0	8,244	6,124	0	88,275	0
Hampton	0	24	0	0	0	0	0	0	0	0	0	0	10,858	41
Horry	0	148	0	0	0	0	0	0	0	10	3	0	239,694	0
Jasper	0	13	0	0	0	0	0	0	0	0	0	0	15,765	0
Kershaw	0	26,996	0	0	0	0	0	0	0	101	0	0	43,648	21
Lancaster	0	30	0	0	0	0	0	0	0	10	0	0	36,613	4,051
Laurens	0	253	0	0	0	0	0	0	0	4,633	38,515	0	43,838	0
Lee	0	79,250	0	0	0	0	0	0	0	1	0	0	90,343	0
Lexington	0	147,029	0	0	0	0	0	0	2,383	42	676	0	245,573	0
Marion	0	7,721	0	0	0	0	0	0	0	0	0	0	19,932	0
Marlboro	0	423	0	0	0	0	0	0	0	15	0	0	14,507	816
McCormick	0	177	0	0	0	0	0	0	2,870	784	677	0	4,547	0
Newberry	0	1,169	0	0	0	0	0	0	0	484	43,342	0	45,919	0
Oconee	0	11	0	0	0	0	0	0	0	21,699	14,536	0	36,809	39,198
Orangeburg	0	3,180	0	97,582	0	0	0	0	46,473	2	0	0	199,042	0
Pickens	0	34	0	0	0	0	0	0	0	41,847	8,801	0	54,310	5,640
Richland	0	247,825	0	0	254,639	0	0	0	0	198	11	0	563,057	0
Saluda	0	39	0	0	0	0	0	0	8,515	0	153	0	8,707	0
Spartanburg	0	951	0	0	0	0	0	0	0	5,475	246,606	126,523	463,046	19
Sumter	0	50,066	0	0	0	0	0	0	0	21	0	0	101,659	0
Union	0	45	0	0	0	0	0	0	0	51	21,021	0	21,197	0
Williamsburg	0	5,792	0	0	0	0	0	0	0	0	0	0	7,181	0
York	0	126,512	0	0	0	0	0	0	0	169	5,578	0	132,985	87,234
S.C. COUNTIES TOTAL ONLY	43	845,138	0	97,582	254,639	63,476	14,044	0	228,235	309,789	629,263	126,523	5,029,459	200,164*
Georgia	0	2,397	0	0	0	0	0	0	26,701	2,460	0	0	44,604	N/A
Illinois	0	0	0	0	0	0	0	0	0	7	0	0	7	N/A
New York	0	3	0	0	0	0	0	0	0		0	0	210,461	N/A
North Carolina	0	101,339	0	0	0	0	0	0	0	19,436	128,869	0	320,764	N/A
From Processing Facilities	0	5,527	0	0	0	0	0	0	0	2,403	0	0	8,021	N/A
OUT-OF-STATE TOTAL ONLY	0	109,266	0	0	0	0	0	0	26,701	24,306	128,869	0	583,858	N/A
TOTAL WASTE DISPOSED OF AT FACILITY	43	954,404	0	97,582	254,639	63,476	14,044	0	254,936	334,095	758,132	126,523	5,613,316	200,164*

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

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

COUNTY	MSW	ASH	C&D DEBRIS	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS
Abbeville	11,852	0	174	2,427	0	0	81	14,533
Aiken	78,078	16,075	17	5,806	797	0	27,033	127,806
Allendale	4,143	0	0	434	0	0	4,385	8,962
Anderson	41,579	33,996	2,806	30,562	0	0	250	109,193
Bamberg	9,048	0	0	65	0	0	29	9,142
Barnwell	13,937	0	0	489	0	0	4,987	19,413
Beaufort	125,684	0	3,046	44	0	0	26,307	155,081
Berkeley	89,208	65,418	40,829	11,993	0	0	137,733	345,180
Calhoun	8,913	0	17	4,954	0	0	87	13,970
Charleston	305,473	0	73,919	705	0	0	243,907	624,004
Cherokee	49,679	0	3	30,107	0	0	25	79,813
Chester	15,968	2,182	29	12,671	0	0	1,503	32,353
Chesterfield	8,225	0	0	2,892	0	0	322	11,440
Clarendon	12,578	0	0	3	0	0	77	12,658
Colleton	18,697	0	1,580	13,474	0	0	1,720	35,471
Darlington	34,337	0	15	7,754	0	0	1,965	44,070
Dillon	17,912	0	0	1,211	0	0	674	19,797
Dorchester	59,901	0	17,877	1,430	0	0	37,383	116,592
Edgefield	16,595	0	10	52	1,649	0	325	18,631
Fairfield	19,891	0	1	3,941	0	0	415	24,248
Florence	100,026	39	0	22,187	0	0	13,340	135,592
Georgetown	40,348	581	23,041	201	0	0	35,345	99,517
Greenville	269,995	0	32,710	147,782	0	0	34,001	484,489
Greenwood	62,690	75	7,483	1,523	0	0	16,504	88,275
Hampton	10,707	0	41	44	0	0	67	10,858
Horry	239,529	0	0	42	0	0	123	239,694
Jasper	12,600	10	462	13	0	0	2,681	15,765
Kershaw	32,017	43	187	10,585	0	0	816	43,648
Lancaster	35,564	0	6	891	0	0	152	36,613
Laurens	30,256	0	134	13,059	0	0	389	43,838

Continued on the following page

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

COUNTY	MSW	ASH	C&D DEBRIS	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS
Lee	8,585	0	7	81,464	0	0	286	90,343
Lexington	156,442	62	68	75,834	0	0	13,167	245,573
Marion	19,759	0	0	35	0	0	138	19,932
Marlboro	12,215	0	59	2,206	0	0	27	14,507
McCormick	3,667	0	27	704	0	0	150	4,547
Newberry	34,962	0	14	10,575	0	0	368	45,919
Oconee	7,062	0	17	29,316	0	0	414	36,809
Orangeburg	50,069	97,746	1,507	29,189	0	0	20,531	199,042
Pickens	49,294	0	2,161	2,342	0	0	513	54,310
Richland	249,128	254,639	654	33,807	0	0	24,829	563,057
Saluda	8,493	0	5	150	0	0	59	8,707
Spartanburg	278,406	0	12,337	150,952	0	0	21,352	463,046
Sumter	58,087	0	10	756	0	0	42,806	101,659
Union	16,990	0	2,808	1,001	0	0	398	21,197
Williamsburg	7,111	0	15	0	0	0	56	7,181
York	122,527	428	4	5,981	0	0	4,045	132,985
S.C. COUNTIES TOTAL ONLY (MSWLF/TS*)	2,858,224	471,292	224,076	751,654	2,446	0	721,766	5,029,459
Georgia	25,399	0	9	7,470	0	0	11,726	44,604
North Carolina	187,118	0	186	57,896	0	0	75,566	320,766
New York	210,459	0	0	0	0	0	3	210,462
Illinois	0	0	0	2	0	0	5	7
Processing Facilities	91	0	0	6,387	0	0	1,541	8,020
OUT-OF-STATE TOTAL ONLY* (MSWLF/TS)**	423,068	0	195	71,755	0	0	88,841	583,859
TOTAL BY WASTE STREAM	**3,281,291**	**471,292**	**224,271**	**823,410**	**2,446**	**0**	**810,607**	**5,613,318**

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

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

COUNTY	POPULATION	RECYCLING RATE	RECYCLED (P/P/D)	DISPOSED** (P/P/D)	GENERATED (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)	GENERATED (TONS)
Abbeville	24,965	20.99	0.69	2.60	3.3	3,148	11,852	14,999
Aiken	164,753	9.93	0.29	2.60	2.9	8,610	78,078	86,689
Allendale	9,695	3.60	0.09	2.36	2.4	156	4,168	4,324
Anderson	192,810	30.22	1.11	2.57	3.7	39,100	90,288	129,388
Bamberg	15,182	3.88	0.13	3.27	3.4	365	9,048	9,412
Barnwell	21,959	8.86	0.34	3.48	3.8	1,355	13,937	15,291
Beaufort	175,852	47.55	3.55	3.92	7.5	113,923	125,684	239,606
Berkeley	198,205	15.63	0.46	2.47	2.9	16,531	89,208	105,739
Calhoun	14,878	17.32	0.69	3.28	4.0	1,868	8,913	10,781
Charleston	381,015	29.71	1.86	4.39	6.2	129,107	305,473	434,580
Cherokee	56,024	18.86	1.13	4.86	6.0	11,550	49,679	61,228
Chester	32,337	7.40	0.23	2.93	3.2	1,382	17,288	18,670
Chesterfield	46,125	12.84	0.37	2.48	2.8	3,076	20,890	23,966
Clarendon	34,113	10.08	0.23	2.02	2.2	1,411	12,578	13,988
Colleton	37,771	15.74	0.51	2.71	3.2	3,494	18,697	22,190
Darlington	67,799	11.73	0.37	2.78	3.2	4,578	34,439	39,018
Dillon	31,127	10.48	0.37	3.15	3.5	2,098	17,912	20,010
Dorchester	148,469	33.86	1.13	2.21	3.3	30,660	59,901	90,561
Edgefield	26,553	5.77	0.21	3.42	3.6	1,016	16,595	17,611
Fairfield	22,976	14.75	0.82	4.74	5.6	3,441	19,891	23,332
Florence	139,231	14.93	0.69	3.94	4.6	17,571	100,138	117,708
Georgetown	60,773	23.11	1.09	3.64	4.7	12,126	40,348	52,474
Greenville	482,752	22.35	0.88	3.07	3.9	77,751	270,079	347,830
Greenwood	69,520	37.66	2.98	4.94	7.9	37,864	62,690	100,554
Hampton	20,405	23.79	0.90	2.89	3.8	3,355	10,748	14,103
Horry	298,832	32.70	2.13	4.39	6.5	116,379	239,529	355,908
Jasper	27,170	11.70	0.34	2.54	2.9	1,670	12,600	14,269
Kershaw	63,161	6.27	0.19	2.78	3.0	2,144	32,038	34,182
Lancaster	83,160	7.37	0.21	2.61	2.8	3,151	39,615	42,766
Laurens	66,533	29.13	1.02	2.49	3.5	12,437	30,256	42,693
Lee	18,343	29.37	1.07	2.56	3.6	3,570	8,585	12,155
Lexington	277,888	38.43	1.93	3.08	5.0	97,642	156,442	254,085
Marion	31,933	8.86	0.33	3.39	3.7	1,921	19,759	21,680
Marlboro	27,924	28.74	1.03	2.56	3.6	5,255	13,030	18,285
McCormick	9,846	12.90	0.30	2.04	2.3	543	3,667	4,210
Newberry	37,783	28.25	2.00	5.07	7.1	13,763	34,962	48,725
Oconee	75,192	18.40	0.76	3.37	4.1	10,434	46,260	56,694
Orangeburg	90,090	16.15	0.59	3.05	3.6	9,645	50,069	59,713
Pickens	120,368	32.13	1.18	2.50	3.7	26,006	54,933	80,939
Richland	401,566	24.97	1.13	3.40	4.5	82,923	249,128	332,051
Saluda	20,026	8.72	0.22	2.32	2.5	811	8,493	9,304
Spartanburg	293,542	20.86	1.37	5.20	6.6	73,368	278,425	351,793
Sumter	107,919	25.35	1.00	2.95	4.0	19,726	58,087	77,812
Union	27,876	5.51	0.19	3.34	3.5	991	16,990	17,981
Williamsburg	32,695	13.85	0.19	1.19	1.4	1,143	7,111	8,254
York	245,346	30.52	2.06	4.68	6.7	92,136	209,761	301,897
STATE TOTALS/ AVERAGES	**4,832,482**	**26.5**	**1.25**	**3.47**	**4.7**	**1,101,190**	**3,058,388***	**4,159,578**

*This amount includes 128 tons exported to Georgia that is not listed by county. **This includes MSW disposed of, exported and incinerated.

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

COUNTY	POPULATION	TSW DISPOSED OF IN CLASS 3 LANDFILLS AND EXPORTED	INCINERATED	TSW DISPOSED OF IN CLASS 2 LANDFILLS	TSW DISPOSED OF IN CLASS 1 LANDFILLS	TOTAL AMOUNT OF ALL SW DISPOSED OF IN LANDFILLS OR INCINERATED	TOTAL RECYCLING EFFORTS	TOTAL AMOUNT OF SW GENERATED (RECYCLED + DISPOSED)	PERCENT OF ALL SW GENERATED THAT WAS RECYCLED (SW RECYCLED + SW GENERATED)
Abbeville	24,965	14,533	0	6,495	0	21,029	12,248	33,277	36.8%
Aiken	164,753	127,806	0	168,856	11,729	308,390	8,836	317,226	2.8%
Allendale	9,695	8,987	0	9,429	0	18,416	195	18,611	1.0%
Anderson	192,810	157,902	0	66,123	18,450	242,475	78,853	321,328	24.5%
Bamberg	15,182	9,142	0	7,339	0	16,480	472	16,953	2.8%
Barnwell	21,959	19,413	0	8,407	0	27,820	1,535	29,355	5.2%
Beaufort	175,852	155,081	18,714	53,698	0	208,778	157,645	366,424	43.0%
Berkeley	198,205	345,180	0	396,162	2,668	744,011	239,732	983,743	24.4%
Calhoun	14,878	13,970	0	2,876	0	16,847	2,654	19,500	13.6%
Charleston	381,015	624,004	0	260,770	0	884,775	196,392	1,081,166	18.2%
Cherokee	56,024	79,813	0	18,518	0	98,331	13,186	111,518	11.8%
Chester	32,337	33,673	0	14,859	0	48,532	5,186	53,718	9.7%
Chesterfield	46,125	24,104	0	12,180	0	36,284	3,260	39,544	8.2%
Clarendon	34,113	12,658	0	10,588	0	23,246	1,641	24,886	6.6%
Colleton	37,771	35,471	0	13,344	0	48,815	4,510	53,325	8.5%
Darlington	67,799	44,173	0	26,932	0	71,104	103,337	174,441	59.2%
Dillon	31,127	19,797	0	12,151	0	31,948	2,161	34,110	6.3%
Dorchester	148,469	116,592	0	44,030	0	160,622	241,225	401,846	60.0%
Edgefield	26,553	18,631	0	7,561	1,637	27,828	1,069	28,897	3.7%
Fairfield	22,976	24,248	0	605	0	24,853	4,066	28,919	14.1%
Florence	139,231	135,703	0	156,775	0	292,478	18,213	310,691	5.9%
Georgetown	60,773	99,517	0	210,090	0	309,606	169,817	479,423	35.4%
Greenville	482,752	484,572	0	206,475	1,365	692,412	169,530	861,942	19.7%
Greenwood	69,520	88,275	0	21,212	1,800	111,288	64,220	175,507	36.6%
Hampton	20,405	10,899	0	13,428	0	24,327	6,432	30,759	20.9%
Horry	298,832	239,694	0	132,218	0	371,912	244,178	616,091	39.6%
Jasper	27,170	15,765	553	4,486	0	20,251	4,781	25,032	19.1%
Kershaw	63,161	43,669	0	27,184	0	70,853	2,343	73,196	3.2%
Lancaster	83,160	40,664	0	27,852	3,180	71,696	6,056	77,752	7.8%
Laurens	66,533	43,838	0	11,892	98	55,829	27,759	83,588	33.2%
Lee	18,343	90,343	0	0	0	90,343	8,658	99,001	8.7%
Lexington	277,888	245,573	0	161,370*	10,316	417,259*	292,559	709,817*	41.2%*
Marion	31,933	19,932	0	35,715	0	55,647	19,651	75,298	26.1%
Marlboro	27,924	15,322	0	9,277	0	24,599	56,652	81,251	69.7%
McCormick	9,846	4,547	0	1,169	0	5,716	575	6,291	9.1%
Newberry	37,783	45,919	0	17,973	494	64,386	24,515	88,901	27.6%
Oconee	75,192	76,007	0	22,234	839	99,081	13,859	112,940	12.3%
Orangeburg	90,090	199,042	0	105,342	0	304,384	45,986	350,369	13.1%
Pickens	120,368	59,949	4,921	18,785	270	79,005	31,043	110,047	28.2%
Richland	401,566	563,057	0	414,518	1,543	979,118	84,889	1,064,007	8.0%
Saluda	20,026	8,707	0	1,558	186	10,451	848	11,299	7.5%
Spartanburg	293,542	463,065	0	99,709	2,531	565,306	96,662	661,968	14.6%
Sumter	107,919	101,659	0	43,926	0	145,584	26,545	172,130	15.4%
Union	27,876	21,197	0	41	2,458	23,695	1,026	24,721	4.2%
Williamsburg	32,695	7,181	0	7,328	0	14,510	2,401	16,911	14.2%
York	245,346	220,219	0	106,724	6,045	332,989	476,960	809,949	58.9%
TOTAL FOR S.C. COUNTIES	**4,832,482**	**5,229,623****	**24,187**	**2,998,203***	**65,608**	**8,317,621***	**2,974,363**	**11,291,984***	**26.3%**
TOTAL OUT-OF-STATE		**583,859**	**177**	**69,135**	**2,598**	655,769			
TOTAL WASTE STREAM		**5,813,482**	**24,364**	**3,067,338***	**68,206**	**8,973,390***			

*Rev. April 2016 **This amount includes 128 tons exported to Georgia that is not listed by county.

TABLE 9.13: Class 1 Landfill Disposal in Tons, FY11 to FY15

COUNTY OR PLACE OF ORIGIN	FY11	FY12	FY13	FY14	FY15
Abbeville	0	0	0	0	0
Aiken	10,049	10,787	11,290	12,548	11,729
Allendale	0	0	0	0	0
Anderson	21,911	16,855	18,204	14,563	18,450
Bamberg	0	0	0	0	0
Barnwell	0	0	0	0	0
Beaufort	0	0	0	0	0
Berkeley	0	0	4,217	15,267	2,668
Calhoun	0	0	0	0	0
Charleston	0	0	0	2	0
Cherokee	0	0	0	0	0
Chester	120	0	0	0	0
Chesterfield	0	0	0	0	0
Clarendon	0	0	0	0	0
Colleton	0	0	0	0	0
Darlington	0	0	0	0	0
Dillon	0	0	0	0	0
Dorchester	0	0	0	0	0
Edgefield	1,709	2,343	1,531	6,796	1,637
Fairfield	0	0	2	17	0
Florence	0	316	392	0	0
Georgetown	0	0	0	0	0
Greenville	326	621	575	437	1,365
Greenwood	1,005	1,491	970	1,960	1,800
Hampton	0	0	0	0	0
Horry	0	0	0	0	0
Jasper	305	291	252	314	0
Kershaw	3,005	3,210	3,487	0	0
Lancaster	640	3,750	3,488	2,910	3,180
Laurens	525	400	0	1,475	98
Lee	0	0	0	0	0
Lexington	4,623	5,369	3,626	5,428	10,316
Marion	0	0	0	0	0
Marlboro	0	0	0	0	0
McCormick	0	18	18	0	0
Newberry	85	66	181	122	494
Oconee	599	1,801	1,406	1,019	839
Orangeburg	0	0	0	0	0
Pickens	503	1,566	983	567	270
Richland	9,256	10,868	10,190	169	1,543
Saluda	143	162	194	114	186
Spartanburg	1,049	1,524	2,051	2,766	2,531
Sumter	241	423	0	0	0
Union	2,202	1,809	2,786	2,646	2,458
Williamsburg	0	0	0	0	0
York	4,497	7,710	7,530	8,206	6,045
TOTAL SOUTH CAROLINA	62,792	71,380	73,374	77,326	65,608
TOTAL OUT-OF-STATE	1,893	1,288	1,629	12,789	2,598
TOTAL AMOUNT DISPOSED OF	**64,685**	**72,667**	**75,003**	**90,115**	**68,206**

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

TABLE 9.14: Class 2 Landfill Disposal and Estimated Remaining Life

COUNTY	LANDFILL	LANDFILL OWNERSHIP	PERMITTED ANNUAL DISPOSAL RATE	TOTAL	REMAINING LIFE IN YEARS
COMMERCIAL LANDFILLS					
Abbeville	Abbeville County	Public	10,000	5,586	278.4
Aiken	Aiken County (Barden)	Public	80,000	54,130	15.5
Aiken	Aiken County (Wagener)	Public	134,766	3,292	54.9
Aiken	G.L. Williams	Private	57,500	4,940	20.0
Aiken	Rainbow Falls	Private	103,216	88,144	55.3
Allendale	Appleton	Private	21,000	13,702	30.5
Anderson	Clemson University	Public	25,000	427	22.0
Anderson	Starr	Public	43,300	16,060	40.6
Anderson	Enterprise Material	Private	68,619	30,332	26.0
Anderson	Greenpointe	Private	57,000	24,254	25.1
Bamberg	Bamberg County	Public	44,441	5,865	60.0
Barnwell	Barnwell County	Public	32,000	7,412	20.8
Beaufort	Barnwell Resources, Inc	Private	156,000	23,151	46.0
Berkeley	Berkeley County	Public	214,703	52,194	3.0
Calhoun	Calhoun County	Public	13,500	1,997	3.5
Charleston	Bees Ferry	Public	200,000	10	0.4
Charleston	Spring Grove	Private	500,000	183,034	80.8
Cherokee	Cherokee County	Public	70,000	13,105	●
Cherokee	City of Gaffney	Public	8,930	4,993	29.8
Chester	Bennett	Private	205,200	●	●
Chester	Chester County	Public	4,800	3,914	24.3
Chesterfield	Furr Facility	Private	32,700	20,476	39.0
Clarendon	Clarendon County	Public	60,000	10,582	11.5
Colleton	Colleton County	Public	30,000	13,123	23.0
Darlington	Darlington County	Public	65,200	10,718	65.7
Dillon	Dillon County	Public	11,700	16,976	5.5
Dorchester	Carolina Landfill	Private	170,120	131,959	42.7
Florence	Florence County	Public	25,000	0	20.0
Florence	Lake City	Public	12,900	2,938	99.7
Florence	Pee Dee Environmental	Private	892,000	89,422	35.5
Georgetown	Georgetown County	Public	51,000	1,151	32.6
Greenville	Greenville (Republic)	Private	200,000	11,409	3.7
Greenville	Twin Chimneys/Greenville County	Public	137,157	75,628	20.2
Greenville	WI Shiloh	Private	128,000	63,101	14.3
Greenwood	Greenwood County	Public	47,984	12,571	4.9
Hampton	Hampton County	Public	12,600	13,372	1.2
Horry	Horry County	Public	250,000	85,382	4.5
Jasper	Oakwood	Private	188,000	33,128	32.6
Kershaw	Kershaw County	Public	30,000	23,437	●
Kershaw	L&L Disposal	Private	200,000	185,775	42.6
Kershaw	Pine Hill	Private	170,000	91,292	103.6
Lancaster	Mining Road	Private	200,000	27,861	64.3
Laurens	City of Clinton	Public	13,000	121	34.4
Laurens	Curry Lake	Private	241,591	85,607	20.8
Lexington	Carolina Materials	Private	240,000	52,062	10.0
Lexington	378 Recycle Center	Private	50,000	0*	●

*Rev. April 2016 ● Did Not Report ■ No Permitted Disposal Rate *Continued on the following page*

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

COUNTY	LANDFILL	LANDFILL OWNERSHIP	PERMITTED ANNUAL DISPOSAL RATE	TOTAL	REMAINING LIFE IN YEARS
COMMERCIAL LANDFILLS *(continued)*					
Lexington	Lexington County	Public	216,000	54,002	9.5
Lexington	S&T Recycling LLC	Private	7,200	10,800	60.0
Lexington	Southeastern Disposal	Private	120,000	44,744	15.1
Marion	Hwy. 908	Private	206,540	25,703	19.0
Marion	Marion County	Public	135,350	30,176	26.7
Marion	Sandlands	Private	206,500	72,014	27.9
Newberry	SRR, LLC	Private	208,000	34,201	17.1
Oconee	Oconee County	Public	37,615	22,133	●
Orangeburg	Orangeburg County	Public	81,000	18,397	9.7
Pickens	Hwy 93	Private	70,500	0	●
Pickens	Easley - Pickens County	Public	20,000	16,726	3.7
Richland	Carolina Grading, Inc.	Private	122,400	3	136.7
Richland	Richland County	Public	200,000	36,227	13.0
Spartanburg	Spartanburg County - WASP Nest	Public	72,161	60,226	8.3
Sumter	Sumter County	Public	51,332	36,103	4.0
Williamsburg	Williamsburg County	Public	4,370	4,777	●
York	Coltharp	Private	70,000	63,831	11.0
York	Rogers	Private	24,000	2,600	10.0
York	Vernsdale Road	Private	58,300	0	●
York	York County	Public	96,632	45,546	15.0
NON-COMMERCIAL PUBLICLY OWNED LANDFILLS					
Aiken	Savannah River Site 288-F	Public	■	1,174	19.7
Aiken	Savannah River Site 488-4D	Public	25,000	28,687	1.5
Aiken	Savannah River Site 632-G	Public	120,000	31,835	38.0
Berkeley	Santee Cooper (Cross Generating Station)	Public	■	357,810	0.5
NON-COMMERCIAL PRIVATE LANDFILLS					
Aiken	Owens Corning - Aiken	Private	■	13,825	13.0
Anderson	Owens Corning - Anderson	Private	■	10,009	74.3
Berkeley	Kapstone	Private	■	141,064	52.0
Calhoun	DAK Amerikas	Private	■	829	11.6
Darlington	Sonoco Products Company	Private	■	10,741	1.0
Florence	RockTenn	Private	103,032	27,396	15.6
Georgetown	International Paper - Georgetown	Private	120,000	41,108	2.4
Greenville	General Electric	Private	3,500	0	●
Lexington	SCE&G McMeekin Station	Private	120,000	0	●
Marlboro	Domtar Paper	Private	12,000	2,444	55.5
Oconee	Duke Power - Oconee Nuclear Station	Private	2,000	0	24.4
Orangeburg	Brewer	Private	■	0	●
Orangeburg	SCE&G Cope	Private	■	85,497	107.3
Richland	International Paper - Eastover	Private	■	124,000	13.3
Richland	Intertape Polymer Group	Private	10,000	●	●
Spartanburg	Kohler Company	Private	■	7,107	95.1
Spartanburg	Tindall	Private	■	●	●
Williamsburg	DSM Nutritional Products, LLC	Private	80,000	1,990	2.0
York	Duke Power - Catawba	Private	■	0	46.7
York	Resolute Forest Products	Private	■	8,981	7.5
TOTAL			**7,516,827**	**3,067,388***	**32.9**

*Rev. April 2016 ● Did Not Report ■ No Permitted Disposal Rate **NOTE:** This information is provided in months and converted to years.

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.

TABLE 10.1: Permitted Rate Legend

CYPY	Cubic Yards Per Year
GPY	Gallons Per Year
TPA	Tons Per Acre
TPD	Tons Per Day
TPW	Tons Per Week
TPY	Tons Per Year

In fiscal year (FY) 2015 (July 1, 2014 to June 30, 2015), there were 378 solid waste facilities operating under the authority of 15 types of permits in South Carolina.

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

Overall in FY15, there were:

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

Tables 10.2 to 10.9 provide a complete list of the permitted facilities at the close of FY15. 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 10.2: Permitted Solid Waste Transfer Stations in FY15

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
CLASS 1 TRANSFER STATIONS			
Greenville	Greenville, City of	400,000 TPY	13,074
CLASS 2 TRANSFER STATIONS			
Charleston	Town of Mount Pleasant	100 TPD	20,067
Colleton	Clean Management	60 TPD	0
Dorchester	Summerville, Town of	200 TPD	0
Greenville	MRR Upstate	500 TPD	22,335
Jasper	Carolina Containers		15,219
Spartanburg	Broadcast Drive	140 TPY	70,853
CLASS 3 TRANSFER STATIONS			
Anderson	Anderson-Oconee	1,500 TPD	0
Anderson	Pendleton	500 TPD	16,107
Bamberg	Bamberg County	250 TPD	9,079
Barnwell	Barnwell County	200 TPD	14,430
Beaufort	Haig Point	15 TPD	204
Beaufort	Melrose	15 TPD	5,475
Charleston	Carolina Processing & Recycling	2,000 TPD	196,216
Cherokee	Cherokee County	800 TPD	43,358
Chester	Chester County	200 TPD	15,980
Clarendon	Clarendon County	250 TPD	0
Colleton	Colleton County	115 TPD	30,281
Darlington	Darlington County	95 TPD	16,393
Dillon	Dillon County	250 TPD	47,400
Edgefield	Tri-County	320 TPD	32,252
Fairfield	Fairfield County	320 TPD	16,133
Florence	Florence County	740 TPD	101,554
Greenville	Blackberry Valley	150 TPD	4,414
Greenville	Greer, City of	150 TPY	9,790
Horry	Myrtle Beach, City of	249,462 TPY	18,429
Horry	North Myrtle Beach, City of	250 TPD	12,829
Lancaster	Lancaster, City of	302,000 TPY	26,646
Laurens	Laurens County	800 TPD	27,541
Lexington	Lexington County	600 TPD	109,827
Marlboro	Bennettesville, City of	50 TPD	5,061
Newberry	Newberry County	400 TPD	34,074
Oconee	Oconee Seneca	300 TPD	37,691
Orangeburg	Orangeburg County	300 TPD	50,527
Pickens	Pickens County	400 TPD	39,943
Spartanburg	Greer	1,200 TPD	90,339
Spartanburg	Spartanburg, City of	200 TPD	0
Sumter	Sumter	400 TPD	64,373
Union	Union, City of	21 TPD	3,073
York	Containers Corporation of Carolina	1,200 TPD	27,515
York	York County	800 TPD	125,428

TABLE 10.3: Permitted Solid Waste Landfills in FY15

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS DISPOSED
CLASS 1 LANDFILLS			
Aiken	G.L. Williams	500 TPY	104
Aiken	Jack Wood	520 TPY	360
Aiken	Toby Marks	4,800 TPY	1,431
Aiken	Dennis Miller	20,000 TPY	5,154
Aiken	Mike Williams	15,000 TPY	2,790
Aiken	John Swearingen	1,000 TPY	24
Anderson	Starr - Anderson County	26,000 TPY	13,178
Anderson	Broadway	860 TPY	718
Anderson	City of Belton	3,060 TPY	4,800
Berkeley	Berkeley County	15,000 TPY	2,668
Edgefield	Pioneer Clearing	20,000 TPY	6,059
Greenville	Norris	250 TPY	75
Greenwood	BHC Trucking	6,500 TPY	900
Jasper	Jasper County	120,000 TPY	0
Lancaster	Lancaster County	3,500 TPY	3,180
Laurens	HR Garrett (Henderson Rd.)	20,000 TPY	1,163
Lexington	378 Recycle Center	100,000 TPY	3,976
Lexington	Southeastern Disposal	11,600 TPY	0
Lexington	Town of Batesburg-Leesville	2,000 TPY	676
Newberry	Metts	3,000 TPY	7,347
Oconee	Clemson-Seneca	3,000 TPY	840
Oconee	Northwest Grading Company	600 TPY	0
Oconee	Well's Hwy.	15,000 TPY	900
Oconee	Wood	8,000 CYPY	255
Richland	L&L Disposal	30,000 TPY	0
Richland	Sharp's Construction Co.	75 TPY	74
Saluda	Goff	40,000 CYPY	502
Spartanburg	Brown	3,000 TPY	204
Spartanburg	City of Woodruff - Landford Rd.	488 TPY	118
Spartanburg	Cliffdale Road	150,000 TPY	180
Spartanburg	Hawkins Grading	6,000 TPY	27
Spartanburg	Howard Grading & Construction	1,000 TPY	83
Spartanburg	Jeff Thomas LCD LF	2,600 TPY	0
Spartanburg	Par Grading & Hauling	2,600 TPY	1,800
Spartanburg	Roger Owens	900 TPY	120
Spartanburg	Watson	3,000 TPY	0
Union	City of Union (Eison)	2,500 TPY	2,458
York	Clawson	50,400 CYPY	525
York	Creekside of York County	5,500 TPY	5,202
York	McCall Deer Creek Drive	100,000 TPY	318
CLASS 2 LANDFILLS			
A list of Class 2 landfills can be found in Table 9.14 (pages 96-97).			
CLASS 3 LANDFILLS			
A list of Class 3 landfills can be found in Table 9.7 (page 87).			

● Did Not Report

TABLE 10.4: Permitted Solid Waste Processing Facilities in FY15

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
C&D DEBRIS PROCESSING FACILITIES			
Anderson	ACE Environmental Inc.	10,400 TPY	6,358
Dillon	Nobles Corp. Inc.	4,368 TPY	0
Greenwood	Powell's Trash Service		16,770
Horry	Horry County SWA		13,325
CLASS 3 INDUSTRIAL PROCESSING FACILITIES			
Calhoun	Regulatory Solutions Inc.	10,000 TPY	11,036
Colleton	American Bio Mass LLC	9,170 TPY	6,937
Colleton	CMEG Inc.	5,200 TPY	3,198
Dorchester	Geocycle LLC	150,000 TPY	30,950
Greenville	VLS - Piedmont LLC	90,000 TPY	82,535
Lexington	Crandall Corporation	2,491 TPY	407
Spartanburg	JBR Environmental Services	52,000 TPY	15,562
Sumter	Giant Resource Recovery	104,000 TPY	12,716
CLASS 3 MSW PROCESSING FACILITIES			
Aiken	North Augusta, City of	250 TPD	30,825
Aiken	Three Rivers SWA	900 TPD	0
Greenville	Piedmont Processing – Waste Industries	1,200 TPD	45,255
Spartanburg	220 Victor Hill	150 TPD	15,593
ORGANIC PROCESSING FACILITIES			
Richland	Waste 2 Energy LLC		0
C&D DEBRIS / CLASS 3 INDUSTRIAL PROCESSING FACILITIES			
Lee	Lee County	450 TPD	56,776
C&D DEBRIS / CLASS 3 MSW PROCESSING FACILITIES			
Dorchester	Pepperhill	1,200 TPD	100,617
Greenville	Fennel Container	1,200 TPD	173,408

TABLE 10.5: Permitted Composting and Wood-grinding Facilities in FY15

COUNTY	FACILITY NAME	TONS RECEIVED
Aiken	421 Composting Site	787
Aiken	APAC Composting Site	0
Aiken	City of Aiken	0
Aiken	City of North Augusta	45
Aiken	GreenGo Recycling LLC	684
Anderson	City of Anderson	1,316
Anderson	Fowler Corporation Wood Chipping Facility	0
Anderson	Town of Honea Path	16
Anderson	Willimon's	204
Bamberg	Bamberg County Composting	769
Beaufort	Sea Pines	4,501
Beaufort	Hilton Head Plantation P.O.A.	1,070
Beaufort	LCR Construction	2,028
Berkeley	Berkeley County - Hwy 52	11,205
Berkeley	Berkeley County - Milton Rd.	0
Charleston	Barr Construction Inc.	12,110
Charleston	Burning Acres	536
Charleston	Charleston County	63,292
Charleston	Ladson Wood Recycling	106,100
Charleston	Moberry LCD Wood Chipping Facility	2,571
Charleston	Sunnyside Farms	270
Cherokee	Cherokee County Landfill	1,317
Chester	Scotts/Hyponex Composting Site	45,000
Chester	Town of Great Falls	3,900
Dillon	Nobles Corp. Inc.	0
Dillon	Town of Latta	900
Dorchester	Carolina Landfill LLC	835
Fairfield	Fairfield County	1,050
Fairfield	Kaiser Enterprises	0
Florence	City of Florence	7,719
Florence	Gilbert Drive	30
Georgetown	Frasier Composting	0
Georgetown	Georgetown County	6,250
Georgetown	McKenzie Wood Chipping	0
Georgetown	Miller Wood Processing Facility	0
Greenville	Dillard Excavating	60
Greenville	Greater Greenville Sanitation - Old Piedmont Hwy.	21,351
Greenville	Henson's Mulch and More	3,574
Greenville	Schneider Tree Care Wood Chipping Facility	5,883
Greenville	S.H. Carter	6,823
Greenville	SR Mulch and Wood Grinding Facility	9,538
Greenville	Southern Grading II Site - Fairview Rd.	3,450
Greenville	Southern Grading III Site - Bracken Rd.	0
Greenville	The Daylee Grind Wood Chipping	1,847
Greenville	Timbertech Inc.	2,476
Greenville	Twin Chimneys Wood Chipping Facility	3,703
Hampton	Hampton County	1,260
Hampton	Town of Yemassee	●
Horry	C. Owens & Son Inc. - Composting Site	0
Horry	D&S Recycling LLC - Wood Grinding	24,965
Horry	G&G Mining Co. LLC	167
Horry	Horry County Solid Waste Authority Inc.	37,728
Horry	Lees Landing	0
Horry	Seaside Mulch	503
Jasper	Cleland Ridgeland Wood Chipping Facility	5,712
Jasper	Evergreen Tree & Turf	8,842
Jasper	LCR Construction	1,527
Jasper	Oakwood C&D Landfill	6,243
Kershaw	Kershaw County Yard Waste Composting	429
Kershaw	Re-Soil Composting	300
Lancaster	Greenway Waste Solutions	620
Lancaster	Pressley Wood Chipping Facility	●
Lancaster	SM Smith & Sons	4,500
Laurens	Curry Lake	1,243
Laurens	Laurens County	79
Lee	Lee County Composting & Recycling	769
Lexington	378 Recycle Center	3,976
Lexington	Carolina Materials Corp.	16,959
Lexington	Eagle Recovery Wood Grinding	2,140
Lexington	Lexington County Wood Grinding & Composting	7,507
Lexington	S&T Grading	3,750
Lexington	Southeastern Disposal LLC Wood Chipping Site	0
Marion	City of Marion	780
Marion	Hwy 908 Composting	0
Marion	Marion County Wood Chipping and Composting	0
Marlboro	Marlboro County	●
Marlboro	McDuffie & Son Composting Center	847
Newberry	City of Newberry	432
Newberry	Metts Wood Recycling	7,347
Newberry	Newberry County	2,821
Oconee	Clemson/Seneca	180
Oconee	Hutch-N-Son Wood Chipping Facility	1,642
Oconee	Seneca Mulching Facility	6,543
Oconee	Wells Highway	7,656
Pickens	City of Clemson	5,803
Pickens	Southern Grading I Site - Piney Mtn. Rd.	9,930
Richland	City of Columbia	6,602
Richland	L&L Disposal Wood Chipping Site	604
Richland	Mitch Hook Wood Composting	360
Richland	Richland County Composting and Wood Chipping	891
Saluda	SH Wood Waste Management	6,383
Spartanburg	City of Spartanburg	0
Spartanburg	Fairforest Wood Recycling Center	950
Spartanburg	Henson's Mulch and More Wood Chipping Facility	3,339
Spartanburg	Starr Resources	973
Spartanburg	Wellford Landfill Composting Site	2,660
Sumter	Glasscock Company	1,939
Sumter	Sumter County Wood Processing Facility	1,936
Williamsburg	Black River Composting	0
Williamsburg	Town of Hemingway Composting Site	108
York	City of Rock Hill - Friedheim Rd.	0
York	City of Rock Hill - Gillespie Ln.	14,405
York	City of Tega Cay - Dam Rd.	1,603
York	Deer Creek Composting	0
York	River Hills Community Association	2,745
York	Rogers Composting Facility	0
York	Town of Fort Mill Composting Site	4,056
York	York County Wood Chipping Facility	4,189

● Did Not Report

TABLE 10.6: Permitted Waste Tire Facilities in FY15

COUNTY	FACILITY NAME	STORAGE LIMIT
WASTE TIRE COLLECTORS		
Aiken	Three Rivers Solid Waste Authority	10,000 tires
Beaufort	Beaufort County Public Works	2,900 tires
Charleston	Geralds Tires II Inc.	5,200 tires
Cherokee	Cherokee County	●
Fairfield	Fairfield County Waste Tire Collection Facility 1	●
Greenville	Twin Chimneys	3 tractor trailers
Lancaster	Lancaster County Public Works	●
Union	Union County Public Works	1,200 tires
WASTE TIRE PROCESSORS		
Aiken	SC Tire Processing LLC	437,000 tires
Anderson	Anderson Tire Recycling	500 tires
Berkeley	Viva Recycling	307 whole tires
Charleston	Tower Waste Tire Processing	●
Dorchester	Argos Cement	100 tractor trailers
Edgefield	Ridge Recyclers Inc.	●
Pickens	Pickens County Recycling Department	2,000 tires
Sumter	Kiln Direct	400 tons

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

TABLE 10.7: Permitted Incinerators in FY15

COUNTY	FACILITY NAME	TYPE	PROCESS/STORAGE LIMIT	TONS RECEIVED
Beaufort	Ulmer Brothers Inc.	Air Curtain Incinerator	●	18,161
Horry	Lees Landing	Air Curtain Incinerator	●	0
Jasper	Coastal Debris LLC	Air Curtain Incinerator	1,000 TPY	1,282
Pickens	Pickens County	Air Curtain Incinerator	105 TPD	4,921

● No Permitted Limit

TABLE 10.8: Permitted Used Oil Facilities in FY15

COUNTY	FACILITY NAME	PERMITTED RATE
USED OIL MARKETERS		
Dorchester	Argos Cement LLC Harleyville Cement Plant	9,250,000 GPY
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	●
USED OIL PROCESSORS		
Charleston	Delfin Used Oil Processing Facility	60,000,000 GPY
Chester	Southeastern Petroleum	4,752,000 GPY
Dorchester	Universal Environmental Services LLC	333,700 GPY
Greenville	Holston Group Inc.	150,000 TPY
Greenville	VLS Recovery Systems	8,320,000 GPY
Richland	Dilmar Fluid Services Inc. Used Oil Processing Facility	125,000 GPY
Spartanburg	Taylor Enterprises Inc.	500,000 GPY
Sumter	Giant Resource Recovery	●
Sumter	Kiln Direct	4,000,000 GPY
York	Diversified Recycling Inc.	2,000,000 GPY

● No Permitted Limit

TABLE 10.9: Other Permitted Solid Waste Facilities in FY15		
COUNTY	FACILITY NAME	PERMITTED RATE
LAND APPLICATION		
Charleston	Dimare Johns Island Inc.	●
Charleston	Wood Not Waste LLC	5 TPA
Georgetown	International Paper Company - Georgetown Mill	10 TPA
Lancaster	Bowers Fibers Inc.	10 TPA
Laurens	County Fresh Inc.	10 TPA
Lexington	JB Enterprises Resawing Inc.	500 TPY
Lexington	Mungo Company	●
Marlboro	Domtar Paper Company LLC	10 TPA
Orangeburg	Council Energy Inc.	10 TPA
Richland	International Paper Company - Eastover Mill	●
RESEARCH, DEVELOPMENT & DEMONSTRATION PROJECT		
Anderson	Anderson Regional Landfill LLC	●
Greenville	Enoree Landfill	●
Laurens	Refresh Services	●
Lexington	Refresh Services	●
Williamsburg	ARC Technology	14,924 TPY
SOIL TREATMENT		
Sumter	TK Tank Services Inc.	●

● No Permitted Limit

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 – requires the S.C. Department of Health and Environmental Control (DHEC) to develop a state solid waste management plan (State Plan).

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

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

- **An inventory of the amount and type of solid waste currently being disposed of**;
- **Solid waste disposal projections**;
- **An analysis of the types of facilities that will be needed to manage solid waste**;
- **An estimate of the current capacity in the state to manage solid waste**;
- **An evaluation of current solid waste management practices**;
- **Recommendations on how the state can meet its waste reduction and recycling goals**; and
- **A description of public education programs developed in partnership with local governments, businesses, industry and other organizations to – among other objectives – promote waste reduction and recycling.**

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

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

Local Planning Responsibilities

COUNTY/REGIONAL SOLID WASTE MANAGEMENT PLANS

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

These 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, type of public education/outreach initiatives offered to promote the program and the designation of a recycling coordinator;
- **An outline of how the county or region expects to meet the state's recycling and disposal goals**; and
- **An estimate of the cost of implementing the plan.**

DHEC considers 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 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.

Non-commercial Facilities

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

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

DEMONSTRATION OF NEED (DON)

DON refers to the criteria established for the geographical placement and allowable annual disposal rate of new and expanding solid waste management facilities. The original DON regulation was put into effect in June 2000. On June 26, 2009, a revision to Regulation 61-107.17 SWM: Demonstration-of-Need became effective.

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

CLASS 2 LANDFILLS

Class 2 landfills accept land-clearing debris, certain construction and demolition debris, certain household furniture and under certain conditions, animal carcasses. Class 2 landfills have a 20-mile

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

planning radius. (See Pages 110-111 for a map detailing Class 2 landfill locations and planning radii.)

DHEC calculates allowable annual disposal at new Class 2 landfills using:

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

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

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

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

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

CLASS 3 LANDFILLS

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

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

Class 3 landfills have a 75-mile planning radius. (See Pages 112 and 113 for a map detailing Class 3 landfill locations and planning radii.)

The yearly disposal rate at an existing landfill is allowed to increase only if the facility is within 20 percent of its permitted disposal rate (i.e., the amount of waste disposed of per year is 80 percent or more of the annual permitted capacity). If a Class 3 landfill qualifies for an increase, it can receive the lesser of the amount that disposal in South Carolina has increased since the facility last received a permitted increase or 150,000 tons.

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

SOLID WASTE INCINERATORS

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

SOLID WASTE PROCESSING FACILITIES

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

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

See Pages 114-115 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	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
Abbeville	1,191	13,510	4,550	6,597	3,256	2,554	8,180	7,049	5,527	6,719	7,091	5,892	6,495
Aiken	88,655	88,717	79,529	90,100	102,927	22,443	81,575	78,348	76,801	81,383	89,518	99,419	93,335
Allendale	3,534	1,578	3,128	2,354	2,171	1,509	1,586	10,482	3,440	3,081	4,060	3,631	9,429
Anderson	52,417	37,316	35,817	51,311	70,823	63,670	48,079	45,256	64,807	72,508	67,203	72,422	56,114
Bamberg	5,788	4,883	4,811	6,175	6,381	126	18,871	5,357	13,693	5,609	5,730	5,446	7,339
Barnwell	12,749	8,329	10,411	10,921	10,700	11,686	11,868	9,481	6,604	7,539	7,588	9,934	8,407
Beaufort	102,287	121,464	139,916	141,752	130,391	86,288	67,541	60,050	61,081	65,464	68,058	61,195	53,698
Berkeley	58,137	66,023	73,228	101,411	98,516	121,267	54,266	33,890	34,347	51,025	42,724	46,897	61,378
Calhoun	4,067	4,139	3,554	4,474	3,176	3,057	3,501	3,932	3,109	2,369	3,288	2,818	2,047
Charleston	189,168	296,129	281,444	333,332	341,113	440,913	239,234	208,667	157,689	149,081	207,029	216,115	260,770
Cherokee	8,586	10,658	21,604	16,240	9,818	10,402	10,613	15,509	23,385	23,853	15,844	14,412	18,518
Chester	27,897	21,894	4,373	73,343	4,517	251,972	20,566	21,426	30,200	18,907	19,477	10,118	14,859
Chesterfield	15,192	12,805	16,194	14,738	12,181	0	11,855	11,946	11,373	15,453	24,320	16,920	12,180
Clarendon	4,605	5,500	9,296	8,951	10,288	7,352	10,194	9,491	10,086	10,086	9,800	9,764**	10,588
Colleton	13,295	13,157	13,823	17,439	20,900	23,668	19,522	21,577	16,966	15,501	17,066	19,598	13,344
Darlington	19,662	12,614	17,358	16,264	16,755	11,721	16,100	23,934	24,681	20,946	19,088	21,349	16,191
Dillon	10,096	11,412	40,344	8,352	10,549	11,233	11,310	8,342	10,263	9,817	7,729	9,105	12,151
Dorchester	10,044	0	63,910	77,295	82,099	94,641	57,612	24,130	33,078	36,249	38,540	31,931	44,030
Edgefield	3,972	3,442	3,244	13,116	12,479	6,119	9,644	5,145	2,919	6,015	8,693	3,671	7,561
Fairfield	311	126	209	399	284	780	343	859	1,510	614	1,103	1,801	605
Florence	68,534	93,715	34,114	27,002	54,069	323,917	96,557	121,928	70,964	70,274	94,574	108,384	129,379
Georgetown	22,114	33,680	30,087	51,581	34,270	49,886	27,765	26,558	22,886	17,431	24,573	11,082	5,512
Greenville	148,152	87,157	142,780	163,834	161,738	210,924	168,463	145,991	185,015	165,827	193,009	184,304	206,475

COUNTY	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
Greenwood	12,283	8,908	14,696	20,174	26,714	21,063	28,908	13,838	29,587	9,221	8,843	22,847	21,212
Hampton	3,221	7,444	8,590	7,786	8,993	7,462	10,466	3,001	3,901	2,837	3,408	3,039	13,428
Horry	135,648	170,856	155,676	226,672	332,583	141,007	109,953	82,451	80,687	90,370	90,065	104,537	132,218
Jasper	1,028	812	176	3,681	4,907	5,837	3,137	3,047	3,885	3,500	4,321	4,339	4,486
Kershaw	30,452	33,277	41,925	52,688	42,346	41,652	41,026	95,973	38,343	34,417	41,415	28,500	27,184
Lancaster	34,499	34,009	31,067	26,798	27,344	65,801	29,834	47,791	46,699	57,214	55,438	42,678	27,852
Laurens	17,156	19,634	6,655	11,435	16,860	12,811	7,359	9,990	13,982	18,761	13,154	14,527	11,892
Lee	0	0	0	0	0	0	0	0	152	81	0	0	0
Lexington	263,041	239,924	246,785	237,178	217,465	223,503	153,665	141,975	139,902	130,366	166,322	158,043	161,370*
Marion	10,982	16,493	29,818	62,965	31,299	19,419	18,875	12,642	14,459	7,846	11,712	40,577	35,715
Marlboro	1,034	1,040	845	1,212	2,491	0	10,486	7,810	10,219	7,850	7,366	6,272	6,833
McCormick	820	957	1,335	4,409	1,669	1,009	1,023	1,616	349	572	820	652	1,169
Newberry	632	997	1,098	2,263	1,219	10,577	7,024	7,657	7,430	8,339	8,675	11,557	17,973
Oconee	23,577	29,279	19,867	23,838	26,385	24,337	22,577	20,181	19,753	72	16,109	18,361	22,234
Orangeburg	21,579	24,097	20,915	26,419	27,360	50,573	29,922	24,581	20,653	17,693	17,362	14,479	19,225
Pickens	30,323	23,880	34,754	17,951	20,807	21,867	19,806	15,726	17,229	18,417	15,547	17,166	18,785
Richland	220,088	206,332	216,945	216,246	196,701	198,115	199,056	123,076	217,915	199,102	225,910	266,021	290,518
Saluda	1,116	1,176	1,149	1,960	1,465	1,614	1,601	1,521	416	376	818	1,331	1,558
Spartanburg	39,812	71,553	71,917	71,047	72,161	80,217	65,229	60,479	91,667	94,359	89,547	74,514	92,602
Sumter	51,963	42,747	38,934	55,714	50,625	50,656	4,193	46,213	43,228	44,695	45,311	41,427	43,926
Union	2,928	1,018	1,236	8,421	2	6	3,082	3,790	5,273	7,416	2,595	27	41
Williamsburg	3,818	2,585	2,386	7,220	6,491	3,280	3,860	2,786	4,065	4,594	5,339	3,772	5,338
York	50,718	99,277	98,029	97,493	125,969	113,171	74,202	76,603	81,573	115,906	76,077	82,750	97,743
TOTAL	**1,827,171**	**1,984,543**	**2,078,522**	**2,420,551**	**2,441,257**	**2,850,105**	**1,840,529**	**1,702,095**	**1,761,791**	**1,729,760**	**1,882,260**	**1,913,863**	**2,103,707***

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.

*Rev. April 2016 **This tonnage was updated based on Clarendon County's Class 2 FY14 Landfill Report.

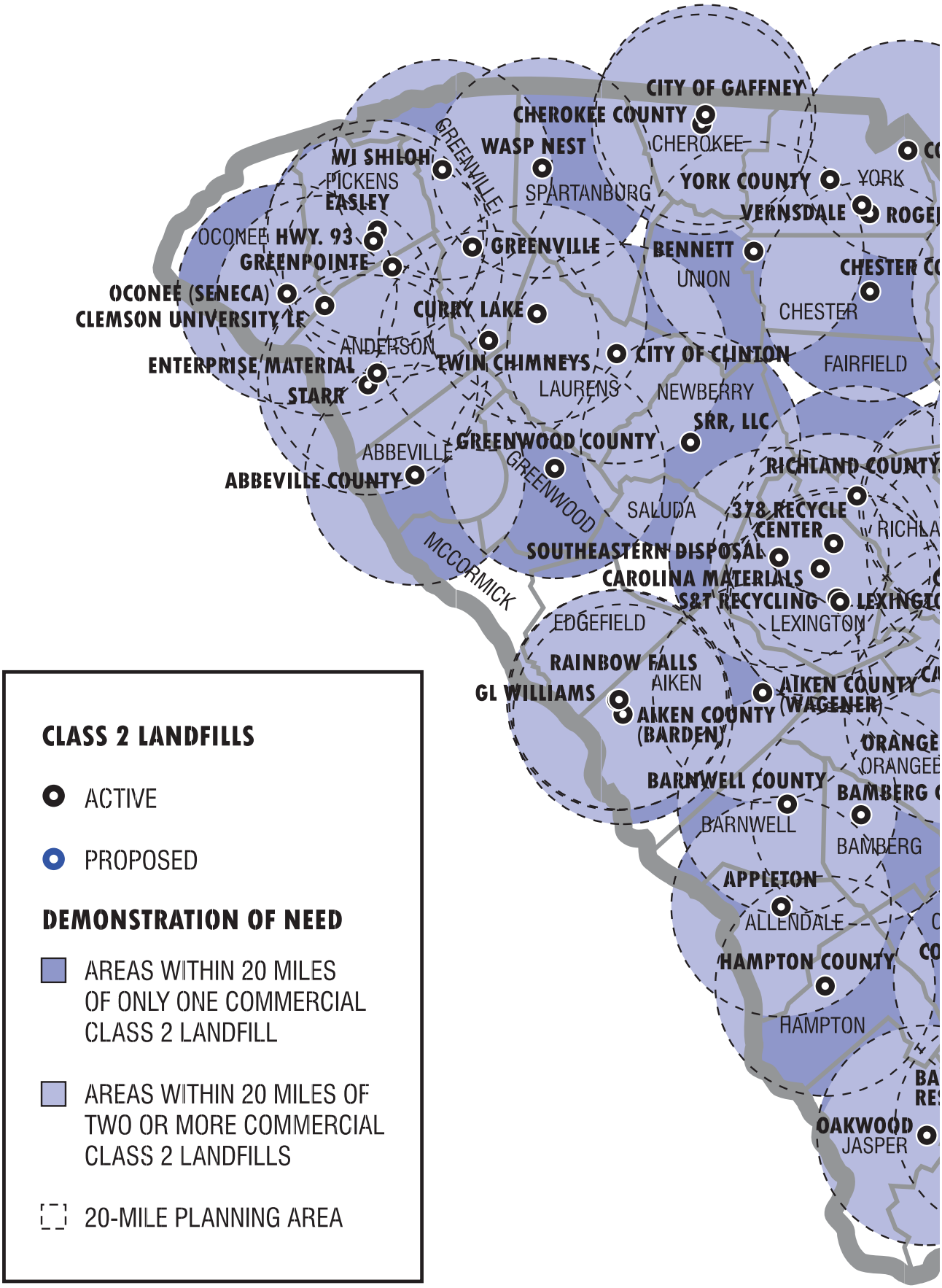
TABLE 11.3: Class 3 Waste Generated for Disposal in Tons for Use in Demonstration of Need

COUNTY	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
Abbeville	25,909	18,817	15,836	17,219	17,959	15,611	13,987	13,874	15,844	15,874	17,416	20,811	14,533
Aiken	111,935	149,515	131,285	101,563	125,796	127,491	120,058	114,556	131,596	133,030	110,039	120,724	113,762
Allendale	6,540	5,903	6,990	5,813	10,990	7,932	7,209	6,522	6,268	6,593	5,344	7,833	8,987
Anderson	148,232	148,849	161,610	138,783	130,509	135,794	115,667	130,955	131,034	156,567	110,994	132,288	157,902
Bamberg	13,768	11,652	11,280	11,857	10,665	10,799	10,457	9,461	9,505	9,221	9,610	10,173	9,142
Barnwell	18,247	19,373	20,128	17,683	19,488	17,474	15,705	15,753	14,839	13,870	14,184	14,761	19,413
Beaufort	151,624	167,383	181,849	199,029	177,278	163,868	177,291	148,470	149,520	140,405	141,785	142,490	155,081
Berkeley	309,398	353,891	314,269	379,387	636,603	501,690	339,890	324,793	310,367	329,172	321,016	290,429	281,704
Calhoun	9,659	8,660	12,143	10,615	11,109	11,100	15,331	23,062	19,165	18,299	23,926	14,392	13,970
Charleston	191,932	391,841	285,117	256,089	281,938	270,676	274,636	325,997	497,192	646,461	416,222	415,193	624,004
Cherokee	73,943	71,332	71,145	69,106	88,008	52,137	77,652	85,767	143,803	97,121	86,507	81,073	79,813
Chester	44,435	37,070	37,847	43,496	33,323	63,758	30,115	26,297	23,799	27,785	20,945	24,378	33,673
Chesterfield	24,514	21,941	20,206	17,543	15,168	15,428	13,572	18,335	19,282	18,615	16,002	12,837	24,104
Clarendon	10,932	18,403	8,112	10,671	16,377	16,364	15,514	15,644	14,988	14,271	13,649	12,689	12,658
Colleton	31,938	35,071	38,826	39,014	39,358	44,683	38,032	100,137	35,435	32,485	32,421	32,486	35,471
Darlington	68,953	52,057	51,823	47,333	70,796	88,008	90,953	38,461	37,736	55,183	40,227	69,572	44,173
Dillon	49,694	26,970	34,416	31,492	38,616	35,317	25,246	24,321	20,698	26,619	20,006	29,507	19,797
Dorchester	97,934	163,930	139,405	149,202	121,366	125,826	123,105	98,774	89,423	80,904	81,370	108,820	116,592
Edgefield	14,870	13,969	13,406	13,371	14,473	15,531	15,158	13,119	12,096	14,532	12,431	17,978	18,631
Fairfield	23,076	22,546	21,981	20,721	22,041	21,306	22,927	21,214	20,804	21,438	24,338	103,560	24,248
Florence	151,123	152,909	154,874	149,919	135,663	139,811	165,766	132,582	237,630	143,999	140,552	62,977	135,703
Georgetown	70,531	49,736	50,709	54,719	51,870	42,675	43,011	48,446	58,651	54,806	61,184	74,359	99,517
Greenville	613,417	589,204	673,249	674,574	682,511	602,825	526,402	451,344	433,490	430,666	533,138	432,923	484,572

COUNTY	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
Greenwood	91,719	109,407	120,320	117,341	112,858	102,693	84,863	98,963	79,053	82,206	95,435	77,371	88,275
Hampton	22,039	18,188	22,991	17,322	18,609	18,266	12,561	13,179	11,738	11,347	11,664	11,301	10,899
Horry	212,686	227,469	222,935	237,582	246,126	248,988	235,314	228,843	227,395	223,915	225,744	237,932	239,694
Jasper	17,692	27,039	22,100	22,050	32,139	32,966	30,904	18,928	13,508	19,992	19,706	21,405	15,765
Kershaw	45,597	40,162	44,233	43,368	41,904	37,705	37,240	43,691	33,342	45,040	36,894	36,612	43,669
Lancaster	35,088	35,623	31,561	33,842	30,489	34,114	30,054	28,506	30,619	30,151	27,494	27,532	40,664
Laurens	57,940	51,636	73,090	49,210	42,475	39,671	42,978	45,586	48,658	39,205	30,929	33,877	43,838
Lee	14,670	14,981	15,425	14,737	14,941	15,837	14,637	71,965	82,942	97,272	89,214	80,549	90,343
Lexington	221,323	256,226	171,692	193,268	190,583	188,295	171,124	169,820	160,941	184,188	207,563	174,850	188,227
Marion	4,796	21,673	14,380	21,683	26,141	30,454	21,241	18,733	17,015	8,879	16,576	11,645	19,932
Marlboro	15,289	21,815	12,004	13,276	12,332	10,314	12,063	14,913	15,547	14,653	17,082	28,715	15,322
McCormick	11,869	5,183	4,858	4,524	4,505	4,232	4,264	5,120	5,099	4,611	4,215	4,225	4,547
Newberry	47,893	48,591	50,420	49,951	48,603	39,330	40,574	41,072	38,657	37,991	40,422	40,731	45,919
Oconee	45,260	45,533	49,368	53,302	56,408	54,865	49,338	51,269	49,056	50,767	43,655	20,968	76,007
Orangeburg	98,350	92,969	94,382	100,988	89,386	79,245	75,717	70,448	72,983	90,870	114,552	82,593	85,572
Pickens	56,938	59,873	54,966	51,255	58,104	52,715	53,494	52,257	57,259	55,259	51,939	64,786	59,949
Richland	327,966	349,087	341,907	376,435	354,977	353,135	348,475	457,204	376,749	360,689	330,810	317,862	308,418
Saluda	9,197	9,684	14,687	11,870	11,116	11,025	9,680	12,673	22,074	42,534	8,052	8,507	8,707
Spartanburg	418,942	373,060	351,908	381,084	381,750	484,612	412,680	476,809	562,235	452,484	389,482	458,943	463,065
Sumter	119,698	135,220	156,345	163,056	108,801	101,854	94,452	86,824	84,673	78,304	76,653	60,930	101,659
Union	12,835	18,988	28,309	14,178	18,775	19,803	30,702	20,335	20,217	21,802	18,731	16,397	21,197
Williamsburg	26,100	25,582	28,259	39,045	45,506	79,698	52,614	34,282	17,842	9,620	11,176	7,914	7,181
York	147,720	152,150	166,059	161,476	167,139	160,675	172,941	148,718	141,161	143,618	215,786	144,308	220,219
TOTAL	**4,324,211**	**4,671,161**	**4,548,705**	**4,630,042**	**4,865,572**	**4,726,596**	**4,315,594**	**4,398,022**	**4,601,925**	**4,593,310**	**4,337,078**	**4,202,204**	**4,726,520***

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

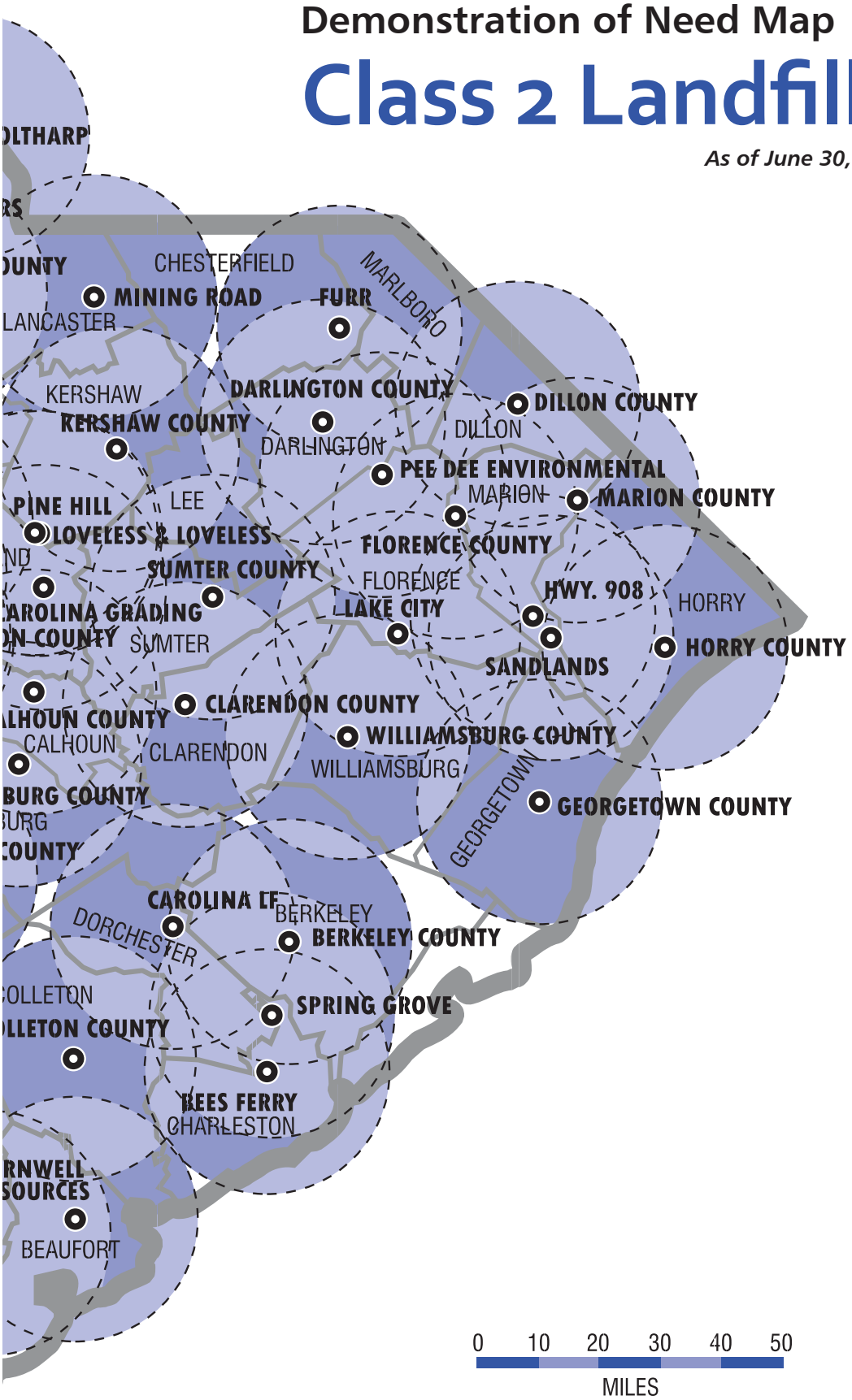
*This amount does not include 128 tons exported to Georgia that is not listed by county.


CITY OF GAFFNEY
CHEROKEE COUNTY
CHEROKEE
WASP NEST
WJ SHILOH
PICKENS
EASLEY
GREENVILLE
SPARTANBURG
YORK COUNTY
YORK
VERNSDALE
OCONEE
HWY. 93
GREENPOINTE
GREENVILLE
BENNETT
UNION
CHESTER
OCONEE (SENECA)
CLEMSON UNIVERSITY LF
CURRY LAKE
ANDERSON
ENTERPRISE MATERIAL
TWIN CHIMNEYS
CITY OF CLINTON
FAIRFIELD
STARR
LAURENS
NEWBERRY
SRR, LLC
GREENWOOD COUNTY
ABBEVILLE
ABBEVILLE COUNTY
GREENWOOD
RICHLAND COUNTY
SALUDA
378 RECYCLE CENTER
MCCORMICK
SOUTHEASTERN DISPOSAL
CAROLINA MATERIALS
S&T RECYCLING
EDGEFIELD
LEXINGTON
RAINBOW FALLS
AIKEN
GL WILLIAMS
AIKEN COUNTY (WAGENER)
AIKEN COUNTY (BARDEN)
ORANGEBURG
BARNWELL COUNTY
BARNWELL
BAMBERG
APPLETON
ALLENDALE
HAMPTON COUNTY
HAMPTON
OAKWOOD
JASPER
CLASS 2 LANDFILLS
ACTIVE
PROPOSED
DEMONSTRATION OF NEED
AREAS WITHIN 20 MILES OF ONLY ONE COMMERCIAL CLASS 2 LANDFILL
AREAS WITHIN 20 MILES OF TWO OR MORE COMMERCIAL CLASS 2 LANDFILLS
20-MILE PLANNING AREA

Demonstration of Need Map

Class 2 Landfills

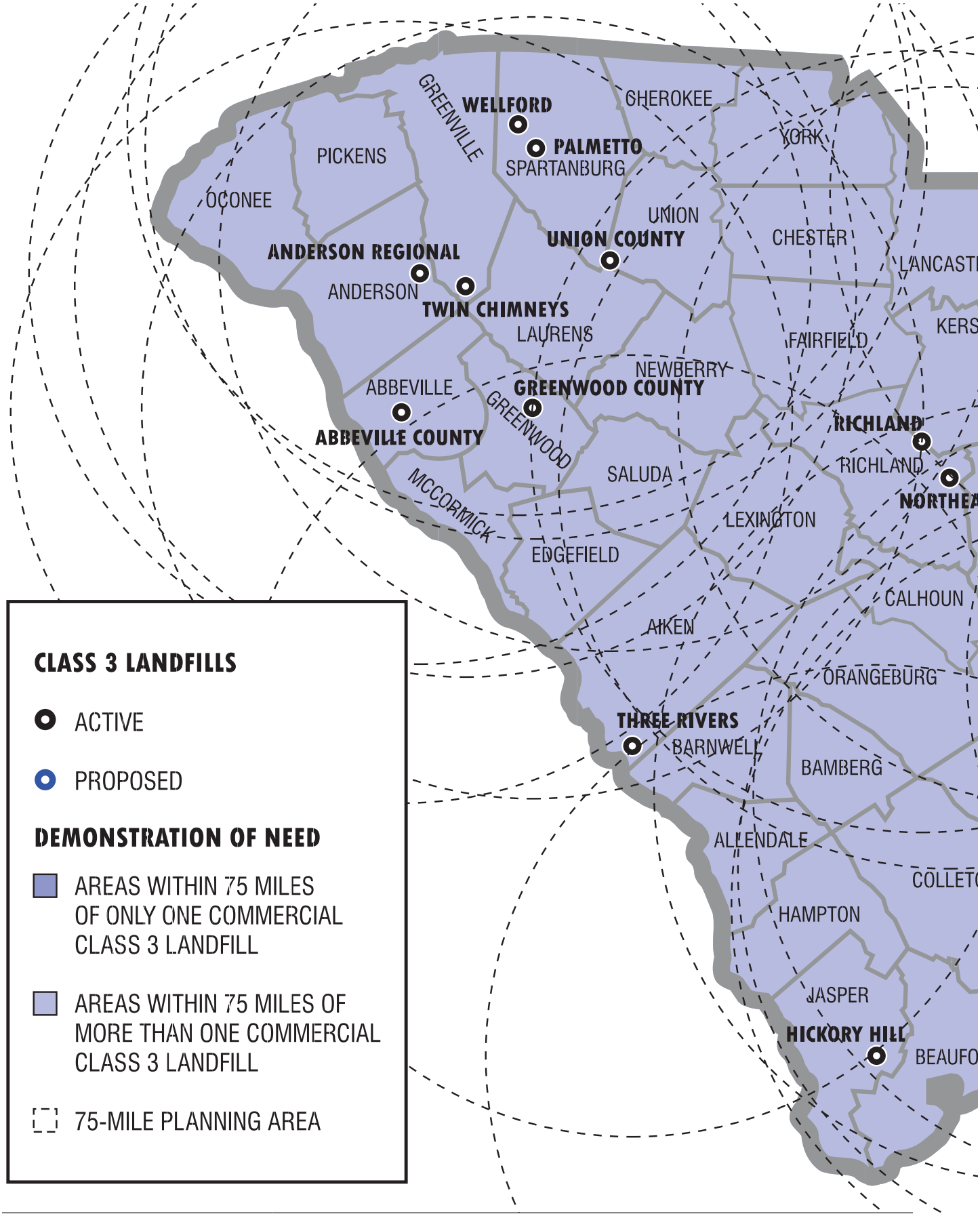
As of June 30, 2015



CLASS 2

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

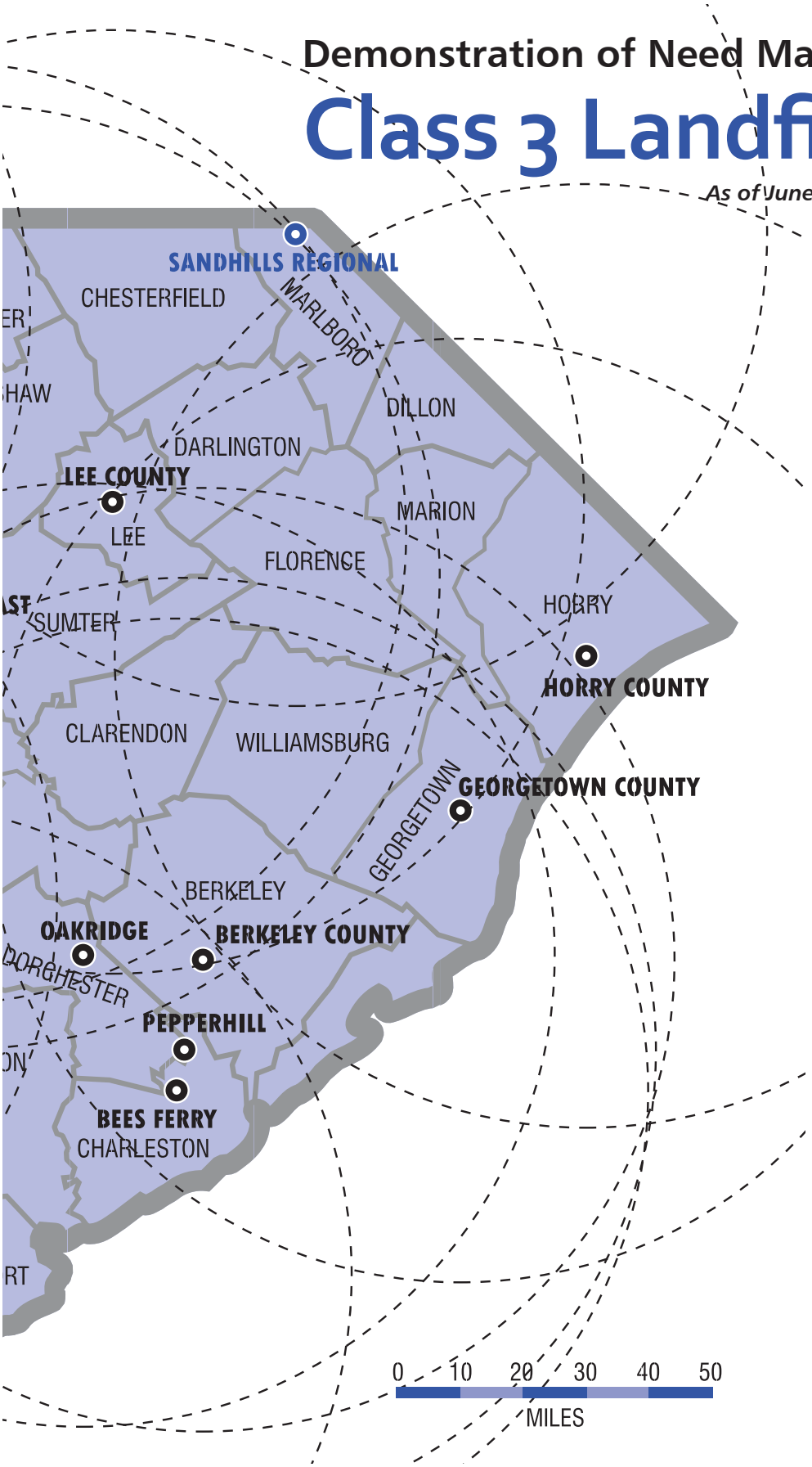
SOURCE: www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf


CLASS 3 LANDFILLS
ACTIVE
PROPOSED
DEMONSTRATION OF NEED
AREAS WITHIN 75 MILES OF ONLY ONE COMMERCIAL CLASS 3 LANDFILL
AREAS WITHIN 75 MILES OF MORE THAN ONE COMMERCIAL CLASS 3 LANDFILL
75-MILE PLANNING AREA
WELLFORD
PALMETTO
SPARTANBURG
GREENVILLE
CHEROKEE
YORK
PICKENS
OCONEE
UNION
UNION COUNTY
CHESTER
ANDERSON REGIONAL
ANDERSON
TWIN CHIMNEYS
LAURENS
FAIRFIELD
NEWBERRY
ABBEVILLE
GREENWOOD COUNTY
GREENWOOD
ABBEVILLE COUNTY
RICHLAND
SALUDA
MCCORMICK
LEXINGTON
EDGEFIELD
CALHOUN
AIKEN
ORANGEBURG
THREE RIVERS
BARNWELL
BAMBERG
ALLENDALE
HAMPTON
JASPER
HICKORY HILL

Demonstration of Need Map

Class 3 Landfills

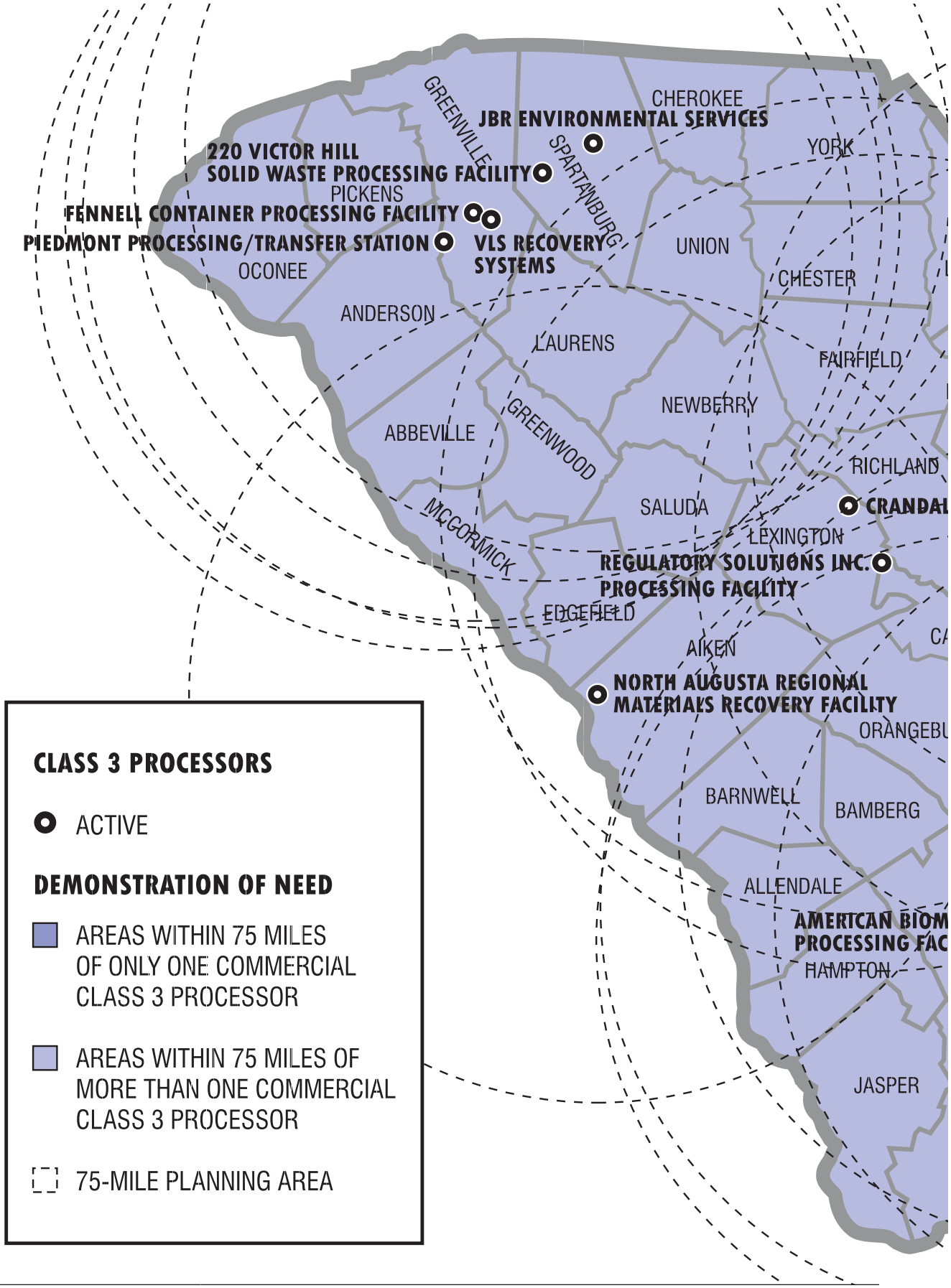
As of June 30, 2015



CLASS 3

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

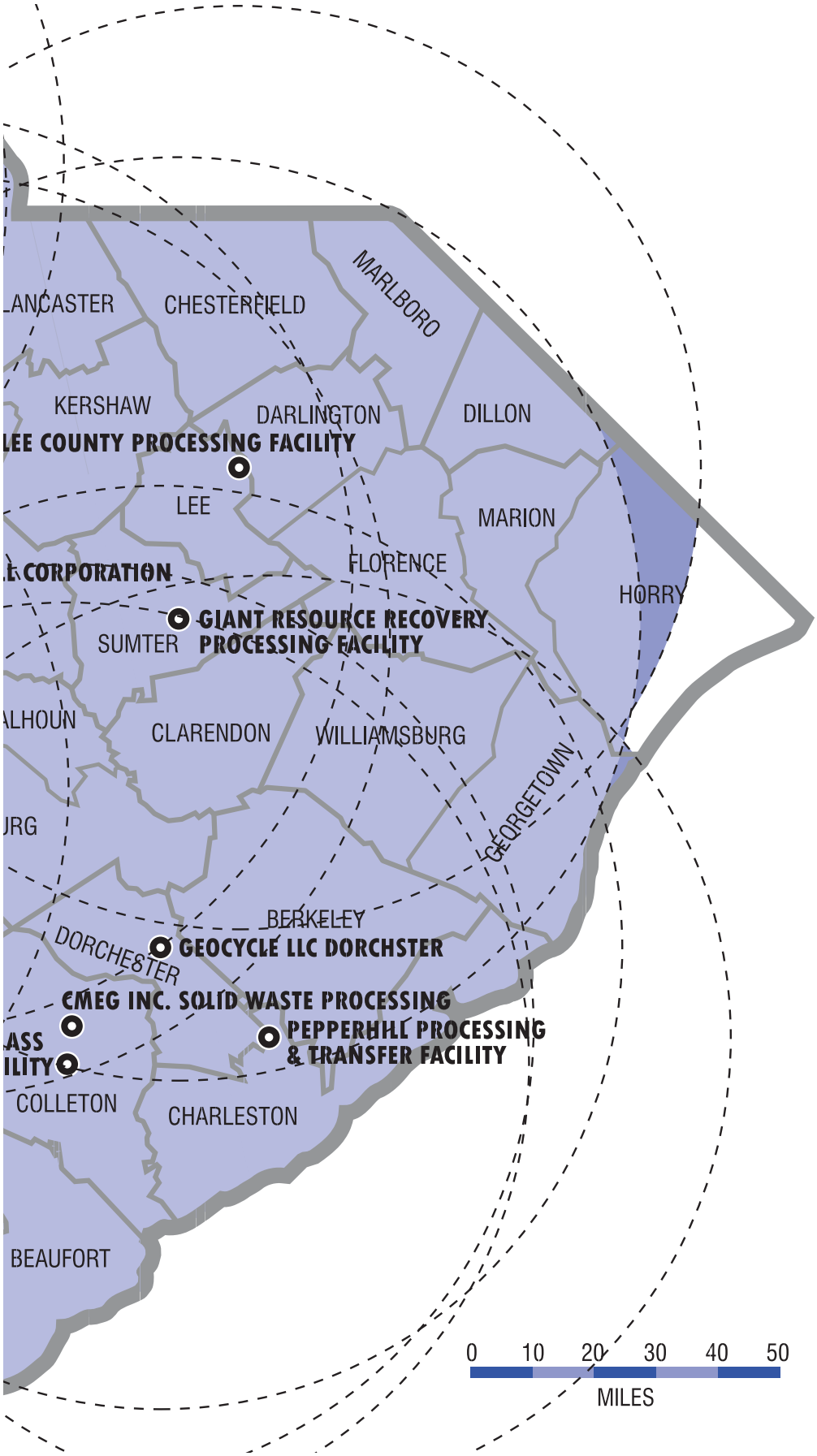
SOURCE: www.scdhec.gov/Agency/docs/lwm-regs/R61-107-19.pdf


CHEROKEE
JBR ENVIRONMENTAL SERVICES
YORK
GREENVILLE
SPARTANBURG
220 VICTOR HILL
SOLID WASTE PROCESSING FACILITY
PICKENS
FENNELL CONTAINER PROCESSING FACILITY
PIEDMONT PROCESSING/TRANSFER STATION
VLS RECOVERY
SYSTEMS
UNION
OCONEE
CHESTER
ANDERSON
LAURENS
FAIRFIELD
NEWBERRY
GREENWOOD
ABBEVILLE
RICHLAND
SALUDA
CRANDAL
MCCORMICK
LEXINGTON
REGULATORY SOLUTIONS INC.
PROCESSING FACILITY
EDGEFIELD
AIKEN
NORTH AUGUSTA REGIONAL
MATERIALS RECOVERY FACILITY
ORANGEBU
BARNWELL
BAMBERG
ALLENDALE
AMERICAN BIOM
PROCESSING FAC
HAMPTON
JASPER
CLASS 3 PROCESSORS
ACTIVE
DEMONSTRATION OF NEED
AREAS WITHIN 75 MILES OF ONLY ONE COMMERCIAL CLASS 3 PROCESSOR
AREAS WITHIN 75 MILES OF MORE THAN ONE COMMERCIAL CLASS 3 PROCESSOR
75-MILE PLANNING AREA

Demonstration of Need Map

Class 3 Solid Waste Processing Facilities

As of June 30, 2015



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25th

Anniversary of the S.C. Solid Waste Policy & Management Act

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