

South Carolina

SOLID WASTE MANAGEMENT

Annual Report



**FISCAL YEAR
2011**



www.scdhec.gov

S.C. Department of Health and Environmental Control
Catherine B. Templeton, Director

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FOREWORD

The mission of the S.C. Department of Health and Environmental Control (DHEC) is to promote and protect the health of the public and the environment. The proper management of solid waste is essential to accomplishing this mission.

The S.C. Solid Waste Policy and Management Act of 1991 (Act) supports this mission by establishing the framework for safe and efficient solid waste management. The Act provides a wide-ranging outline for state and local governments to follow. The Act, for example, authorizes DHEC to establish solid waste regulations. The Act requires DHEC to develop a state solid waste management plan (State Plan) and for regions or counties to develop solid waste management plans that are consistent with the State Plan. The Act set statewide recycling and disposal goals that were to be met by 2005.

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

This report includes:

- recommendations for improving solid waste management;
- an analysis of the economic benefits of recycling;
- detailed information on the amount of material recycled by commodity (e.g., glass, metal, paper, plastic, banned items, miscellaneous items and commingled recyclables) and by county;
- a summary of the state’s used motor oil recycling program targeting do-it-yourself oil changers;
- recycling data for state agencies as well as colleges and universities;
- an overview of the amount and type of solid waste disposed of as well as a list of permitted solid waste facilities;
- projected landfill capacity as well as import and export trends; and
- planning, demonstration of need and full-cost disclosure information.

This report – which reflects solid waste management activities in FY 2011 (July 1, 2010 to June 30, 2011) – measures and defines two specific types of solid waste: municipal solid waste (MSW); and total solid waste (TSW).

MSW is mostly comprised of waste generated by households, businesses, institutions, offices and non-profits. TSW is comprised of MSW as well as construction and demolition debris, land-clearing debris and industrial solid waste. See Section 2 for the definitions of MSW and TSW.

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

The Act requires each county to report the amount of MSW recycled within its jurisdiction. It also requires each local government and private company that operates permitted solid waste facilities to report on the amount of MSW and TSW managed annually to DHEC.

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

This report also updates the State Plan by providing the latest data with charts and tables.

"The S.C. Solid Waste Management Annual Report for FY11" was published on March 30, 2012.

When Using this Report ...

When reviewing the tables in this report, it is important to note that generally, recycling tonnage is rounded to the nearest hundredth and disposal data is rounded to the nearest ton.

In addition, the commodity tables reflect data from local government programs as well as other sources (e.g., commercial, institutional, industrial).

About this Report ...

"The South Carolina Solid Waste Management Annual Report for Fiscal Year 2011" 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 Law, Section 44-96-60). Additionally, Act 119 of 2005 mandates that agencies provide all reports to the General Assembly in an electronic format.

This report was published on March 30, 2012 by DHEC's Division of Mining and Solid Waste Management.

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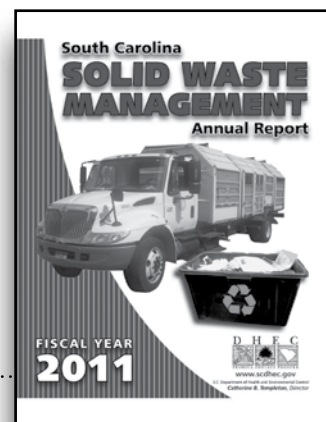
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BY THE NUMBERS...

TABLE 1.1: S.C. Population¹ by Fiscal Year (FY)

FY08	4,428,393
FY09	4,494,435
FY10	4,576,446
FY11 ²	4,625,364

TABLE 1.2: S.C. Recycling Data by FY

	FY08	FY09	FY10	FY11
Total Solid Waste (TSW) Recycled in Tons	4,961,704	3,239,918	2,781,003	4,913,823
TSW Recycling Rate by Percent	38.5	29.5	26.7	38.6
TSW Recycled in Pounds Per Person Per Day (p/p/d)	6.1	3.9	3.4	5.8
Municipal Solid Waste (MSW) Recycled in Tons	1,084,926	912,961	1,063,521	1,172,768
MSW Recycling Rate by Percent	24.4	22.1	25.5	27.7
MSW Recycled in p/p/d	1.3	1.1	1.3	1.4

TABLE 1.3: S.C. Waste Generated by FY

	FY08	FY09	FY10	FY11
TSW Generated in Tons	12,899,740	10,983,364	10,383,703 ³	12,738,135
TSW Generated in p/p/d	16.0	13.4	12.5	15.1
MSW Generated in Tons	4,452,348	4,139,373	4,176,886	4,238,574
MSW Generated in p/p/d	5.5	5.0	5.0	5.0

TABLE 1.4: S.C. Disposal Data by FY

	FY08	FY09	FY10	FY11
Total Solid Waste Disposal				
In-state Origin	7,938,036	7,789,143	7,602,701 ³	7,824,312
Out-of-state Origin	1,524,305	1,252,697	878,445	664,670
TOTAL	9,462,341	9,041,841	8,481,146 ³	8,488,982
Disposal in Class 1 Landfills in Tons				
In-state Origin	128,429	72,484	64,739	62,792
Out-of-state Origin	5,032	1,008	902	1,893
TOTAL	133,461	73,492	65,641	64,685
Disposal in Class 2 Landfills in Tons				
In-state Origin	2,839,181	3,060,497	2,950,933	2,750,718
Out-of-state Origin	68,790	77,869	75,567	64,716
TOTAL	2,907,971	3,138,366	3,026,500	2,815,434
Disposal in Class 3 Landfills in Tons				
In-state Origin	4,745,007	4,446,897	4,533,336	4,991,833
Out-of-state Origin	1,450,483	1,173,820	801,977	597,931
TOTAL	6,195,490	5,620,718	5,335,313	5,589,764
Disposal in Land-clearing Debris Incinerators in Tons				
In-state Origin	13,301	20,508	6,781	18,969
Out-of-state Origin	—	—	—	130
TOTAL	13,301	20,508	6,781	19,099
Disposal in p/p/d				
TSW Disposal	9.8	9.5	9.1	9.3
MSW Disposal	4.2	3.9	3.7	3.6

1. Population data (used to determine recycling and disposal rates) comes from the U.S. Census Bureau.

2. FY11 represents July 1, 2010 to June 30, 2011.

3. These numbers do not include the 22,304 tons of ash disposed of at Charleston County Bees Ferry Landfill in FY10.

CHART 1.5: South Carolina's MSW Recycling Rate, FY07 to FY11

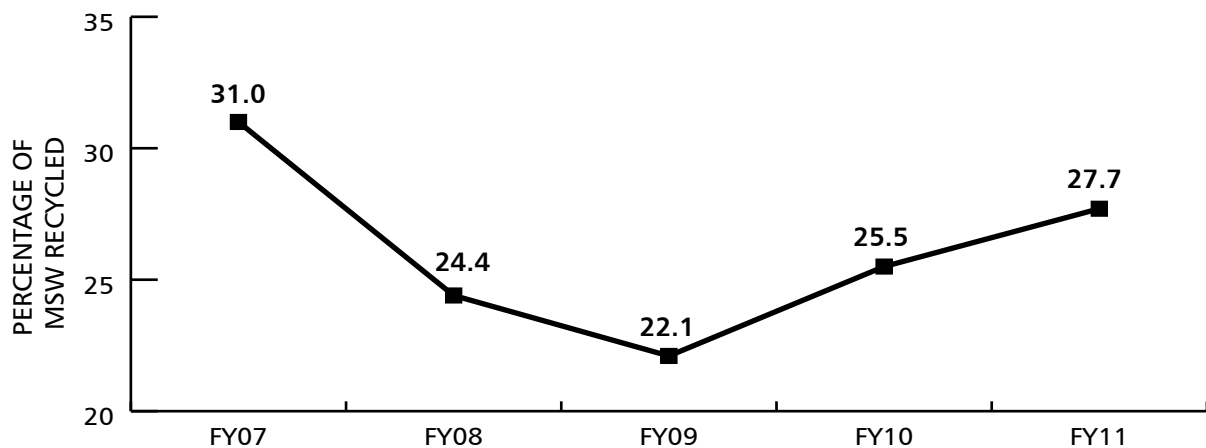


CHART 1.6: South Carolina's TSW Recycling Rate, FY07 to FY11

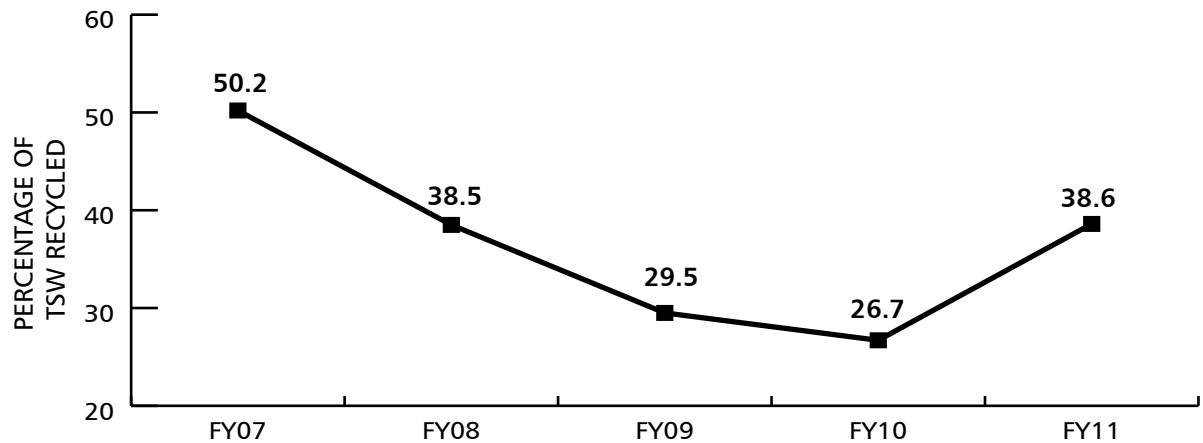
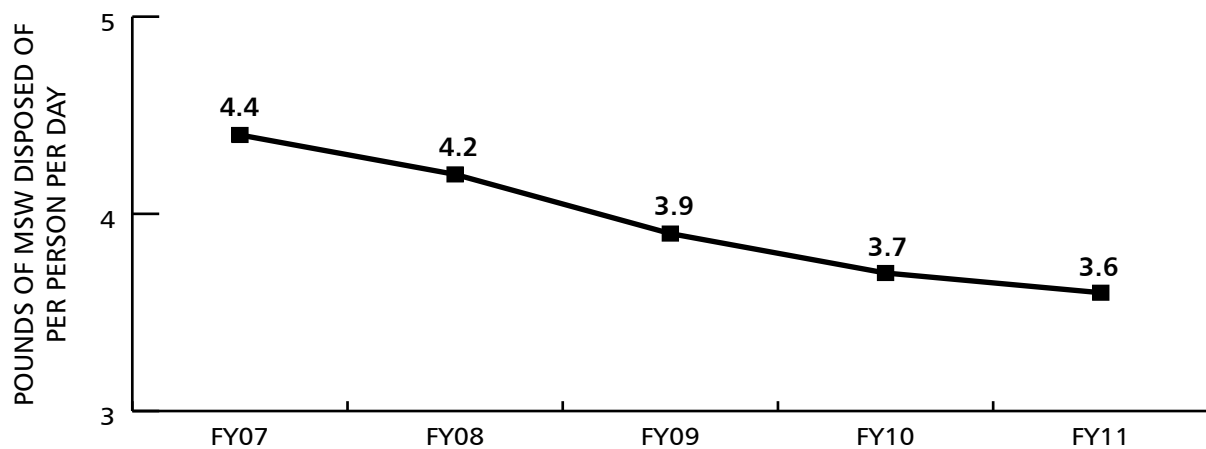


CHART 1.7: MSW Disposed of Per Person Per Day, FY07 to FY11



INTRODUCTION

This report provides a comprehensive overview of the amount of solid waste generated, disposed of and recycled in South Carolina for fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011) as required by the S.C. Solid Waste Policy and Management Act of 1991 (Act).

The amount of municipal solid waste (MSW) generated (disposed of plus recycled) was 4,238,574 tons. Of that amount:

- 1,172,768 tons (27.7 percent) were recycled;
- 3,065,806 tons (72.3 percent) were disposed of in Class 3 landfills.

The 27.7 percent recycling rate is an increase from the 25.5 percent rate in FY10. Overall, the amount of MSW recycled in FY11 improved about 10 percent (more than 109,000 tons) from 1,063,521 tons recovered in FY10.

Each South Carolinian recycled 1.4 pounds of MSW per day, a slight increase from the 1.3 pounds per person per day (p/p/d) in FY10.

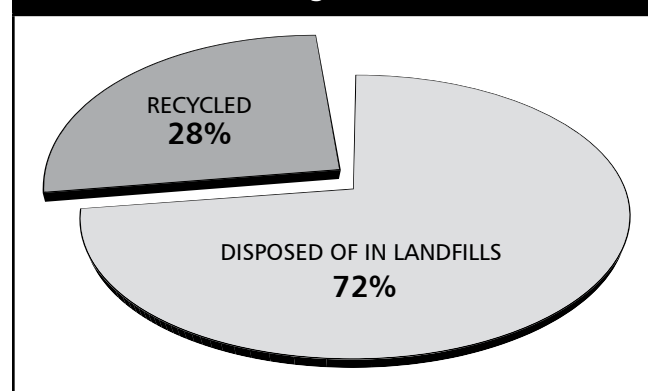
In addition, the amount of MSW disposed of in FY11 decreased about 2 percent (about 48,000 tons) from the previous FY's disposal of 3,113,365 tons.

This decrease is further reflected by a continued drop in the amount of MSW disposed of, falling from 3.7 p/p/d in FY10 to 3.6 p/p/d in FY11 – a decrease of nearly 3 percent. This is the sixth consecutive year that per capita disposal has fallen (from 4.5 p/p/d in FY05).

Two specific types of solid waste – MSW and total solid waste (TSW) – are defined and measured. The emphasis of this report is on MSW as required by the Act.

Continued on the following page

CHART 2.1: MSW Management in South Carolina



Recycling brings investments and jobs to South Carolina.

While the environmental benefits of recycling are well recognized, what is less known is that recycling adds significantly to South Carolina's economy. By turning waste into valuable raw material, recycling creates jobs, economic development and tax revenue as well as generates income for businesses and local governments from the sale of recyclables.

South Carolina's recycling industry – currently about 450 companies and about 20,000 jobs – is a diverse network of public sector entities and private companies. It is comprised of haulers, collectors, processors, brokers, recycling equipment distributors and manufacturers as well as companies that make and sell products from the material collected from business and local government recycling programs.

South Carolina's recycling industry continued to grow in 2010 as 28 companies announced more than \$438 million in capital investment and the creation of more than 1,100 jobs according to the S.C. Department of Commerce's Recycling Market Development Advisory Council.

See Investments and Jobs on page 7

What is the definition of MSW?

MSW has many definitions across the country. South Carolina – in the 2000 amendment to the Act – voluntarily adopted the U.S. Environmental Protection Agency's (EPA) definition of MSW as part of the federal agency's effort to standardize the definition among the states to encourage consistency in reporting and comparison of recycling data.

South Carolina defines MSW as the combined residential, commercial, institutional/non-profit and industrial packaging/office waste generated. This includes paper, cans, bottles, food scraps, yard trimmings, packaging and other items. It does not include industrial process waste like scraps and by-products from the manufacturing process, construction and demolition (C&D) debris, automobile bodies, agricultural waste, combustion

ash, mining waste and sewage sludge as well as hazardous, infectious and radioactive waste.

South Carolina has added the following material to the state's measured recycling rate: tire-derived fuel, yard trimmings used as boiler fuel and used motor oil (from do-it-yourselfers). In addition, glass used as alternative daily cover is included in the state's MSW recycling rate. There are other states that vary further from EPA's definition. Many states, when measuring their recycling efforts, count C&D debris, land-clearing debris, automobile bodies, industrial solid waste and even biosolids – thereby potentially increasing their overall recycling rate. In contrast, South Carolina does not count any of that material in its measured recycling rate.

What is the definition of TSW?

In addition to the state's measured MSW recycling rate, it is important to look at the state's TSW recycling rate – which includes not only MSW but

MSW Management for FY11

DISPOSED OF IN CLASS 3 LANDFILLS

TOTAL 3,065,806 TONS

MSW RECYCLED

Glass 12,801 tons

Metal..... 315,078 tons

Paper..... 440,363 tons

Plastic..... 17,673 tons

Banned Items 294,895 tons¹

Miscellaneous Items 44,525 tons²

Commingled Recyclables 47,432 tons

TOTAL 1,172,768 TONS

1. Banned items are appliances, lead-acid batteries, whole tires, used motor oil (from do-it-yourself oil changers) and yard trimmings.
2. Miscellaneous items include: antifreeze; consumer electronics; cooking oil; fluorescent bulbs; food scraps (post-consumer only); hazardous household materials; inkjet and toner cartridges; mattresses; paint; rechargeable batteries; textiles; used motor oil filters; wood packaging; other wood (such as furniture and cabinets); and other non-packaging products.

TABLE 2.2: Sources of MSW

TYPE OF MSW	TYPICAL EXAMPLES OF MSW
Residential (single- and multi-family homes)	Newspapers, clothing, packaging, cans and bottles, food scraps, yard trimmings, large appliances and consumer electronics
Commercial (office buildings, retail establishments, hotels and restaurants)	Cardboard, office paper, yard trimmings and cafeteria waste (food scraps, cans and bottles)
Institutional (schools, libraries, hospitals and prisons)	Office paper, books, yard trimmings and cafeteria waste (food scraps, cans and bottles)
Industrial (packaging and office, but not process waste)	Cardboard, plastic film, wood pallets, office paper and cafeteria waste (food scraps, cans and bottles)

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

C&D debris, process waste and any other material that is recycled instead of disposed of in a landfill.

The amount of TSW generated (recycled plus disposed of) in South Carolina increased from 10.4 million tons in FY10 to 12.7 million tons in FY11 – a difference of about 2.3 million tons. The amount of TSW recycled grew to 4.9 million tons – about 2 million tons more than in FY10. The increase in generation was offset by the increase in recycling which allowed South Carolina's TSW recycling rate to jump from 26.7 percent in FY10 to 38.6 percent in FY11. This likely can be attributed to the greater number of responses from businesses. The amount of TSW recycled is equivalent to 5.8 p/p/d.

Environmental Benefits of Recycling

Gases that trap heat in the atmosphere are commonly called greenhouse gases (GHGs). Carbon dioxide, methane, nitrous oxide and fluorinated gases are the most common GHGs. Increased levels of GHG are likely to raise the Earth's average temperature, influence precipitation and some storm patterns as well as raise sea levels.

The Waste Reduction Model (WARM) is a tool designed by EPA to estimate GHG emissions and energy use that result from various solid waste management practices such as recycling, composting and disposal. EPA studied 34 materials to find the change in energy use and GHG emissions between the management practices, taking into account the average shipping distance of recyclables to market or landfill as well as landfill gas collection. Overall, recycling and composting reduce GHG emissions.

Examples of the energy and GHG savings that were achieved by recycling or composting in South Carolina, based on MSW data reported in FY11 include:

- eliminating emissions from 569,125 passenger cars for one year; or
- conserving 325,396,637 gallons of gasoline; or
- conserving 15,805 railcars of coal; or
- eliminating emissions from the electricity use of 361,912 homes for one year; or
- eliminating emissions from the use of 6,750,088 barrels of oil.

SOURCE: U.S. Environmental Protection Agency, Version 12

Of the 4.9 million tons recycled, the majority of the material was processing or manufacturing waste – scraps or by-products – that was put back into the process or taken off site for recycling. In addition, some of that included sewage sludge that was land applied.

Investments and Jobs

(continued from page 5)

From 2006 to 2010, the state's recycling industry announced more than \$3.7 billion in investments and the creation of more than 5,000 jobs. In addition, the recycling industry provided considerable indirect benefits by purchasing goods and services that support other businesses.

It is estimated that recycling creates nearly five times as many jobs as disposing of material in landfills. Many of the jobs pay above the state average. Jobs created from recycling businesses cover a wide range of skills. Material sorters, truck drivers, brokers, sales representatives, process engineers and chemists are just some of the jobs.

Recycling also helps local governments and businesses save money through avoided disposal costs and earn revenue from the sale of recyclables. The recycling of 1,172,768 tons of MSW in FY11 saved about \$42 million in avoided disposal costs. This amount is calculated by multiplying the tons of MSW recycled by the average Class 3 landfill tipping fee of \$36.

Local governments reported earning more than \$12 million from the sale of recyclables in FY11 and more than \$46 million since FY07.

SOURCES: S.C. Department of Commerce, Recycling Market Development Advisory Council

Lost Opportunities ...

It is estimated that in South Carolina nearly 348,000 tons of easily recyclable material – cardboard boxes, office paper, aluminum cans, plastic bottles as well as glass bottles and jars – may have been disposed of in landfills in FY11. Using the state's average tipping fee of \$36 per ton, it is estimated that more than \$12.5 million was spent to dispose of this material. In addition, it is estimated that about \$47.4 million in potential revenue from the sale of these recyclables may have been lost based on the average revenue received per ton by local governments for each of these types of material.

RECOMMENDATIONS

South Carolina has made significant progress in its waste reduction and recycling efforts since the passage of the S.C. Solid Waste Policy and Management Act of 1991. The implementation, growth and improvement in programs, education, infrastructure and technology have slowly increased the state's measured recycling rate for the past three years. There is, however, more that can be done.

Recycling has many well-known environmental benefits that include conserving resources, saving energy and reducing greenhouse gas emissions. Recycling also creates businesses that haul, broker and process material as well as companies that manufacture recycled-content products. These businesses and companies provide jobs. As stated earlier, recycling creates nearly five times as many jobs as disposing of material in a landfill. Given that, there is one point that deserves mentioning. Much of the material that is currently being thrown away has value. The disposal of this material represents lost opportunities – not only the cost to throw it away, but also the revenue lost from the potential sale of the recyclable material and fewer jobs created. If recovered, this material also would support markets and market development.

DHEC recommends that South Carolina reduce the amount of waste it generates and disposes of, recycle more material, promote the best end

use of recovered material (e.g., turning recovered glass bottles into new glass bottles instead of landscaping applications) and buy more products made from recycled content. To do this, DHEC suggests the following strategies: creating a better understanding of the importance and value of solid waste management with all stakeholders; increasing participation in local programs; and encouraging more businesses to recycle. All of these, in turn, help protect the environment, improve recycling infrastructure as well as create new markets, new jobs and new economic development.

These focus areas – listed in no particular order – have been targeted for improving solid waste management in the state: review planning and measurement; recover more organics; increase construction and demolition debris recycling; expand and improve education, outreach and technical assistance; prevent and eliminate illegal waste tire piles; and improve and develop recycling markets. The specific recommendations in each of these focus areas are described in detail on the following pages. The recommendations are only a starting point to achieve the state's goals and cannot be implemented all at once. It will require a shift in thinking as well as changes in the behavior and practices of residents, students, business and industry, colleges and universities, schools and government as we move forward.

Review planning and measurement.

Smart planning at both the state and local level will allow South Carolina to make short- and long-term policy decisions that promote effective, efficient and environmentally responsible solid waste management. These efforts also will help to achieve the state's recycling rate and per capita disposal goals. The state recommends the following strategies.

- Update the S.C. Solid Waste Management Plan to address new commodities, emerging technology, new terminology and best management practices.
- Increase the state's goal to recycle 40 percent of its municipal solid waste (MSW) and reduce the disposal goal to 3.25 pounds or less per person per day by 2020.

- Continue to provide assistance, guidance, support, grant funding and tools to local governments.
- Evaluate current strategies to measure progress the state is making in regards to recycling and disposal reduction. Consider, when possible, new ways to measure that progress (e.g., disposal trends, diversion rates, beneficial reuse).
- Evaluate the current full-cost disclosure approach and consider alternatives (e.g., different methodology, training) that would result in more meaningful data collection and uses for the data.
- Lead by example. State agencies and publicly funded colleges and universities should continue to improve waste reduction and recycling programs as well as reporting those activities.

Recover more organics.

More than 250 million tons of MSW was generated nationwide in 2010 according to the U.S. Environmental Protection Agency. Organics, which include food scraps, yard trimmings and wood as well as paper and paperboard products, comprise nearly two thirds of the MSW stream.

Some organics, such as cardboard and office paper, have a high recovery rate through traditional recycling efforts (not composting) and should continue to be managed in this way because of their significant market value. Other organics do not. Yard trimmings, for example, are banned from disposal in Class 3 landfills, but can still be disposed of in Class 1 and Class 2 landfills in South Carolina. Food scraps, as another example, have only a nationwide recovery rate of about 3 percent in 2010 and are the single largest type of material disposed of in the MSW stream.

It is clear that any significant increase to South Carolina's recycling rate or decrease in per capita disposal must include a concentrated effort to recover more organics. In addition, the recovery of this material has economic and environmental benefits including conserving resources, creating valuable soil amendments, reducing greenhouse gases and creating jobs.

The recovery of organics should be encouraged from the backyard to large-scale composting.

DHEC recommends the following strategies to accomplish this goal.

- DHEC should draft an update to the compost regulations (R.61-107.4) for consideration. The Notice of Drafting was issued on May 27, 2011. The revisions will allow: the expansion of allowable feedstock; establish allowable exemptions; and develop testing standards. Final regulations also should help to develop markets for the material and remove hurdles to large-scale investment in new facilities.
- Encourage, facilitate and assist food scrap recovery where appropriate (e.g., colleges and universities, grocery stores, military installations, hospitals, prisons, restaurants).
- Promote opportunities to divert prepared foods to community groups and shelters.
- Recommit efforts to promote grasscycling and backyard composting at homes and businesses. This strategy includes working closely with local governments, developing partnerships and offering outreach programs.
- Encourage school composting programs. Develop and provide technical assistance and grant funding where possible to help schools create on-site recovery programs.
- Work with all stakeholders to provide efficient and environmentally responsible recovery, strengthen programs and improve infrastructure to increase the quality and quantity of recovered organics.

Increase construction and demolition debris recycling.

Construction and demolition (C&D) debris comprises 20-30 percent of the solid waste generated according to several recent studies. Applying the 20 percent to the total solid waste generated in South Carolina, about 2.5 million tons are estimated to be C&D debris. Of that amount, 690,826 tons of the material are recovered, resulting in an estimated 27 percent recycling rate.

The disposal of C&D debris represents lost opportunities. Reducing and recycling C&D debris conserves natural resources, saves landfill space, reduces the environmental impact of producing new material, creates jobs as well as reduces

building project expenses through avoided purchase and disposal costs. South Carolina, like other states, faces two stubborn obstacles to increased recovery – low disposal costs and lack of markets. Currently there are limited markets in the state for C&D debris and even more limited markets for specific material such as shingles and gypsum wallboard. In addition, it is often less expensive for contractors and builders to dispose of the material than take the time to separate, store and find a market.

Strategies that may increase C&D debris recovery include: building awareness of the issue; providing guidance; increasing recycling; enhancing infrastructure; and improving markets.

Continued on the following page

The following are strategies to increase the recovery of C&D debris.

- Develop a Web-based C&D debris clearinghouse that may include information, markets, tools, guidance documents and links that support the recovery, use and availability of material for all stakeholders (e.g., recyclers, contractors, local governments, associations). Encourage the use of the S.C. Materials Exchange, the Sustainability Index and the S.C. Green Building Directory.
- Develop a statewide campaign to provide information to contractors about the economic and environmental benefits of recycling C&D debris. As part of this strategy, develop and offer job-site training programs.
- Encourage and assist local governments to incorporate C&D debris recovery into building projects and add recycling requirements to building permits.
- Encourage and assist C&D debris generators to recycle and help facilitate contact with recoverers and/or markets.
- Encourage source separation of material at building sites to assist in the marketability of C&D debris.
- Develop a series of best management practices and guidance documents to encourage and assist C&D debris recyclers to operate within the established regulatory framework.
- Encourage waste haulers to increase diversion of C&D debris.
- Support and encourage C&D debris market development with all stakeholders including the Recycling Market Development Program housed at the S.C. Department of Commerce.

Expand and improve education, outreach and technical assistance.

From elementary school students to local government decision makers, education and outreach are key strategies to help us better understand the significant benefits that waste reduction and recycling have on South Carolina's environment and economy and the role all of us have in making it work. It will require changes in the behavior and practices of residents, students, business and industry, colleges and universities, schools and government to reach recycling, disposal and other associated goals. Education and outreach – which include technical assistance – are the pathways to achieving these goals.

South Carolina needs greater participation in local programs, more businesses recycling and reporting, more institutions and organizations setting zero waste goals and more composting of organics. These efforts, in turn, are the way to improved recycling infrastructure and markets that will enhance the state's economy and help protect the environment. DHEC recommends the following strategies that may help achieve the goals outlined above.

- Encourage more teachers and schools to participate in the "Action for a cleaner tomorrow" curriculum supplement program
- that includes training for K-12 teachers and classroom presentations to elementary, middle and high school students.
- Encourage and assist local governments to continually educate residents on community recycling options and to look for partnerships to promote recycling.
- Encourage local governments to consider and implement pay-as-you-throw and similar programs that create an incentive to recycle more and throw away less.
- Encourage more businesses to reduce waste, recycle and use the resources provided by the S.C. Smart Business Recycling Program.
- Encourage hotels, motels, restaurants and bars to reduce their environmental impact and take advantage of the resources from the S.C. Green Hospitality Program.
- Expand public-private partnership efforts to promote recycling at public places (e.g., airports, state parks, welcome centers).
- Expand comprehensive technical assistance to state agencies, local governments, businesses, organizations, colleges and universities, schools and recycling markets.
- Identify opportunities to promote the importance and economic benefits of recycling to local decision makers (e.g., councils, mayors) and key associations.

Prevent and eliminate illegal waste tire piles.

South Carolinians discard about 4.5 million tires every year. When tires are managed inappropriately – that is, dumped or stored illegally – they can become a health hazard by holding water and attracting mosquitoes as well as creating potential fire hazards and unsightly nuisances. But when managed properly, tires can be used in construction activities and to create new products as well as burned for energy recovery in manufacturing.

Most waste tires generated in South Carolina are chipped for use as tire-derived fuel 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.

Because waste tire management (e.g., recycling or legal disposal) costs the generator, a struggling economy unfortunately increases the chance that tires will be illegally dumped or stored. Within the past year, the state has seen numerous new examples of illegal dumping and is working to identify responsible parties and to require illegally dumped tires to be removed and managed properly. But remediation of existing piles is not enough. Preventing the creation of new tire piles is critical to the success of any waste tire management program.

Due consideration should be given to policies or procedures that prevent the creation of waste tire

piles and eliminate any advantages held by illegal haulers and dumpers at the expense of legitimate waste tire hauling and recycling businesses. Consideration should be given to the following recommendations.

- Develop a Web-based clearinghouse that may include data, tools and guidance documents to support the efficient and environmentally responsible recovery of waste tires as well as the highest end use that is possible.
- Improve and implement a waste tire registration process that better ensures tires will be managed properly.
- Promote market development activities that encourage new and expanded uses for recycled tire products.
- Implement outreach and education programs that encourage the purchase of products made from recycled tires.
- Develop strategies for assisting waste tire processors to remain compliant with their permits.
- Provide technical assistance to help local governments implement successful waste tire management programs.
- Identify mechanisms to assist waste tire generators (e.g., tire retailers, businesses, local governments) in securing lawful recycling options for their waste tires and in verifying delivery of waste tires to appropriate destinations.

Improve and develop recycling markets.

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

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

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

Additional strategies to further support existing markets and develop markets are listed below.

- Develop a Web-based market clearinghouse that may include information on commodities,

Continued on the following page

material recyclers, recycling vendors, haulers, processors, end users and remanufacturers.

- Evaluate ways to promote and coordinate existing databases (e.g., the Sustainability Index, the S.C. Green Building Directory and other recycling directories) into a one-stop, consistent and more user-friendly tool.
- Focus market development on hard-to-recycle material and less mature markets such as glass, C&D debris, organics and additional types of plastic beyond bottles.
- Develop a statewide campaign to promote the recycling industry and the important role it plays in South Carolina's economy. Conduct a new economic impact study.
- Encourage and assist local governments to take a more active role in coordinating recycling efforts with local, state and regional

markets to maximize not only the amount and quality of material collected, but also revenue received for that material.

- Encourage and assist local governments to develop partnerships with other governments, businesses and end users to improve collection and recycling infrastructure.
- Identify strategies to more aggressively pursue the goals and requirements of the Environmentally Preferred Purchasing Policy for state government. Continue to identify new recycled-content product purchasing opportunities and place those products on the state contract when possible. Develop a system to track and report the amount of environmental purchasing.
- Promote green purchasing to local and regional governments, schools, businesses, associations and other organizations.



MSW RECYCLING: COMMODITIES

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

Glass, metal, paper and plastic are considered traditional commodities and serve as the foundation of local government recycling programs. Banned items represent five specific items – appliances, lead-acid batteries (i.e., car, truck, boat), used motor oil, waste tires and yard trimmings. With the exception of yard trimmings, these items are prohibited by law from disposal in any landfill. Yard trimmings are banned from disposal in Class 3 landfills, but can be disposed of in Class 1 or Class 2 landfills. Miscellaneous recyclables are numerous and varied (e.g., fluorescent bulbs, cooking oil, mattresses) and are not collected consistently in local government programs throughout South Carolina. Commingled recyclables are material collected in single-stream, dual-stream or similar programs.

The amount of each commodity collected is used to calculate the state's MSW recycling rate. Of the seven categories that comprise MSW, five (metal, paper, plastic, miscellaneous and commingled) had an increase in recycling tonnages from the previous fiscal year (FY). Overall, the amount of MSW collected for recycling grew 10 percent (109,247 tons) to 1,172,768 tons in FY11 (July 1, 2010 to June 30, 2011). Paper was the top commodity recycled, comprising 38 percent of all of the MSW recycled in South Carolina. See Chart 3.1 for a complete breakdown by commodity.

Several changes were made to this year's commodity section. Each of the seven commodities now has a "South Carolina at a Glance" sub-section that provides numbers and facts relating to that commodity. The recycling tables reflect data from local government programs as well as other sources (e.g., commercial, institutional, industrial).

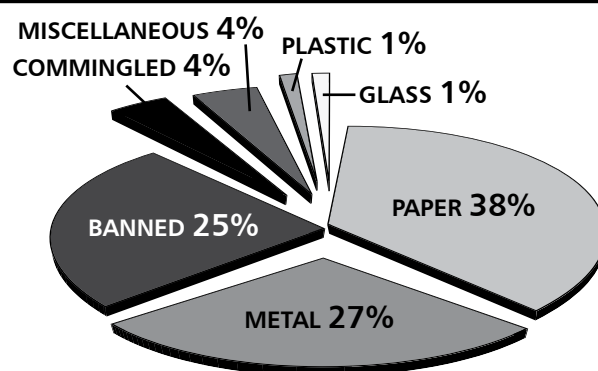
In addition, other sub-sections have been added where appropriate: "Market Information," "National

Perspective" and "Benefits of Recycling." Each of these sub-sections offers information to provide a better understanding of that commodity including comparison to national numbers and trends as well as environmental benefits of recycling.

The "National Perspective" sub-section provides generation and recycling data from the U.S. Environmental Protection Agency's (EPA) "Municipal Solid Waste Generation, Recycling and Disposal in the United States: Facts and Figures for 2010."

When reviewing the "National Perspective," it is important to remember that Americans generated about 250 million tons of MSW in 2010. Of that amount, about 85 million tons were recycled (65 million tons) or composted (20 million tons) resulting in a nationwide recycling rate of 34 percent.

CHART 3.1: MSW Commodities Collected in FY11 by Percentage*



1. Banned items are appliances, lead-acid batteries, whole tires, used motor oil (from do-it-yourself oil changers) and yard trimmings.
2. Miscellaneous items include: antifreeze; consumer electronics; cooking oil; fluorescent bulbs; food scraps (post-consumer only); hazardous household materials; inkjet and toner cartridges; mattresses; paint; rechargeable batteries; textiles; used motor oil filters; wood packaging; other wood (such as furniture and cabinets); and other non-packaging products.

*COMMODITIES MEASURED BY WEIGHT

COMMODITY: GLASS

South Carolina at a Glance

- The amount of glass recycled decreased from 15,457 tons in FY10 to 12,801 tons in FY11, a drop of 2,656 tons or 17 percent. This does not include any glass that was collected in commingled recycling programs.
- Glass comprised 1 percent of the MSW recycled in FY11.
- On average, each South Carolinian recycled 5.5 pounds of glass in FY11.
- Overall, it is estimated that about 82 percent of the glass recovered is from residential programs while slightly less than 14 percent is from the commercial recycling sector.
- Greenville, Horry and Richland counties accounted for 51 percent of the glass recycled in the state.

National Perspective

- Glass comprised 11.5 million tons (4.6 percent) of the nation's MSW in 2010. Of that amount, 3.1 million (27 percent) tons were recycled.
- Beer and soft drink bottles made up 5.7 million tons of the total amount of glass generated. Of that amount, 2.4 million tons (41.4 percent) were recycled.
- Wine and liquor bottles comprised 1.7 million tons of the total amount of glass generated. Of that amount, 420,000 tons (24.7 percent) were recycled.
- Other bottles and jars accounted for 2 million tons of the total amount of glass generated. Of that amount, 360,000 tons (18.1 percent) were recycled.

Market Information

- Two key markets for glass containers are Strategic Materials, Inc., located in Atlanta, GA and Raleigh, NC, and Reflective Recycling, Inc. in Wilson, NC and Pacolet, SC.
- Glass remains a somewhat difficult commodity to recycle primarily due to low market value, the weight of the material, distance to market and the abrasive effect on the recycling equipment of processors.
- The market value of glass varies by color. The average revenue reported by local governments for clear glass was \$15.43 per ton followed by brown (\$11.50) and green (\$5). The average revenue earned for mixed glass was \$10.67 per ton.

Benefits of Recycling

- Glass bottles and jars are 100 percent recyclable and can be recycled endlessly without any loss in purity or quality.
- Recycled glass is used for up to 70 percent of the raw material used in making new glass.
- Most recovered glass bottles – about 90 percent – is made into new glass bottles.
- For every ton of glass recycled, more than a ton of raw material is saved including 1,300 pounds of sand, 410 pounds of soda ash, 380 pounds of limestone and 160 pounds of feldspar.

SOURCES: U.S. Environmental Protection Agency, Institute of Scrap Recycling Industries

CHART 3.2: Glass Recycling Figures by FY

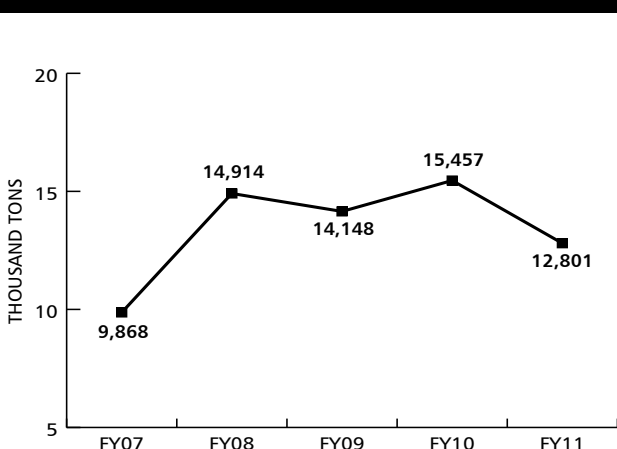
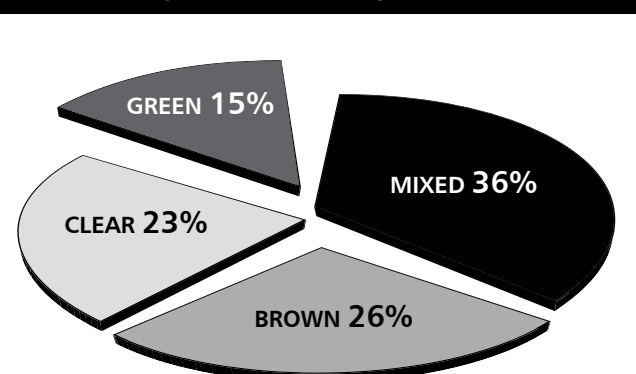


CHART 3.3: Types of Glass Recycled



NOTE: The total amount of MSW glass recycled in FY11 was 12,801 tons. This chart shows a breakdown of that total (measured by weight).

TABLE 3.4: Glass Recycling by County in Tons

COUNTY	BROWN	CLEAR	GREEN	MIXED	TOTAL
Abbeville	0.02	0.03	0.01	0.10	0.16
Aiken	24.06	49.23	76.33	0.19	149.81
Allendale	0.00	0.00	1.13	3.41	4.54
Anderson	0.02	0.71	0.75	398.79	364.90
Bamberg	0.02	0.03	0.01	0.10	0.16
Barnwell	5.99	14.03	0.01	0.10	20.13
Beaufort	219.58	548.93	330.51	2.61	1,101.63
Berkeley	0.00	0.65	0.00	3.02	3.67
Calhoun	0.00	0.00	0.00	0.00	0.00
Charleston	0.04	0.06	0.02	204.67	204.79
Cherokee	23.20	31.20	12.80	0.00	67.20
Chester	8.36	29.33	2.23	26.90	66.82
Chesterfield	0.04	0.06	0.02	0.19	0.31
Clarendon	0.02	0.03	0.01	26.04	26.10
Colleton	0.04	1.19	0.02	0.19	1.44
Darlington	22.45	22.40	0.00	0.02	44.87
Dillon	0.02	0.03	0.01	0.10	0.16
Dorchester	0.04	0.06	0.02	41.59	41.71
Edgefield	0.00	0.01	0.00	0.00	0.01
Fairfield	0.04	0.07	0.02	0.19	0.32
Florence	0.00	0.00	0.00	0.02	0.02
Georgetown	45.60	46.94	90.30	0.10	182.94
Greenville	1,758.16	0.20	0.03	1,329.02	3,087.41
Greenwood	23.46	47.48	0.01	0.12	71.07
Hampton	0.02	24.27	0.01	0.10	24.40
Horry	0.02	0.69	0.01	1,766.40	1,767.12
Jasper	0.25	0.25	0.25	91.96	92.71
Kershaw	13.51	20.90	7.43	112.38	154.22
Lancaster	63.99	75.97	0.01	0.10	140.07
Laurens	4.05	1.03	0.01	0.10	5.64
Lee	0.02	0.03	0.01	0.10	0.16
Lexington	168.32	211.47	115.13	14.91	509.83
Marion	0.00	0.00	0.00	0.02	0.02
Marlboro	0.00	0.01	0.00	0.00	0.01
McCormick	0.02	0.03	0.01	0.10	0.16
Newberry	0.02	0.03	0.01	0.10	0.16
Oconee	71.82	119.32	95.31	0.40	286.85
Orangeburg	3.93	10.62	4.83	2.65	22.03
Pickens	185.33	244.49	141.60	34.92	606.34
Richland	183.80	581.49	836.11	121.87	1,723.27
Saluda	0.00	0.00	0.00	0.00	0.00
Spartanburg	0.02	1.73	0.01	22.70	24.46
Sumter	113.42	14.94	113.41	363.87	605.64
Union	13.64	8.11	0.01	0.10	21.86
Williamsburg	0.00	0.00	0.00	0.00	0.00
York	375.25	791.36	147.36	26.40	1,340.37
STATE TOTAL	3,329.04	2,899.41	1,975.76	4,596.65	12,800.86

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

5.5

pounds of glass were recycled per person in South Carolina during FY11.

Glass bottles and jars are

100%

recyclable and can be recycled endlessly.

More than

12.8

thousand tons of glass were recycled in the state during FY11.

S.C. local governments reported earning about

\$34,000

from glass in FY11.

82%

of glass recovered in the state is from residential recycling programs.



COMMODITY: **METAL**

South Carolina at a Glance

- The amount of metal recycled increased from 293,135 tons in FY10 to 315,078 tons in FY11 – an improvement of more than 7 percent. This is the second consecutive year that the amount of metal recycled increased.
- Metal comprised 28 percent of the MSW recycled in FY11, second only to paper.
- On average, each South Carolinian recycled about 136 pounds of metal in FY11.
- Of the five categories of metal that are measured, four (aluminum, steel, non-ferrous and ferrous) increased while mixed metal dropped.
- The amount of non-ferrous metal recycled increased 190 percent from 3,086 tons in FY10 to 8,957 tons in FY11. In addition, the amount of aluminum recycled increased almost 64 percent from 3,062 tons in FY10 to 5,019 in FY11. Steel increased almost 5 percent from 2,753 tons in FY10 to 2,886 tons in FY11.
- Overall, nearly 86 percent of the metal recovered is from the commercial recycling sector.

Market Information

- South Carolina has robust markets for metal including steel mills, automobile dismantlers and hundreds of scrap yards.
- The average revenue per ton reported by local governments was \$1,132 for aluminum, \$289 for steel, \$147 for scrap metal and \$222 for mixed metal.

National Perspective

- Metals (ferrous, aluminum and non-ferrous) accounted for 22.4 million tons (9 percent) of the nation's MSW in 2010. Of that amount, 7.9 million tons (35 percent) were recycled.
- Overall, aluminum accounted for 3.4 million tons (1.4 percent) of the nation's MSW.
- Aluminum beer and soft drink cans comprised 1.4 million tons of the nation's MSW. Of that amount, 680,000 tons (49.6 percent) were recovered.
- In 2010, Americans generated about 2.7 million tons of steel as containers and packaging in the nation's MSW as well as another 14.2 million tons of ferrous metal (which includes iron and steel).
- Steel cans made up 2.3 million tons of the nation's MSW. Of that amount, 1.5 million tons (67 percent) were recycled.

Benefits of Recycling

- It takes 95 percent less energy to produce an aluminum can from recycled material than raw material. The amount of energy saved in the United States by recycling cans in 2010 was the equivalent of 17 million barrels of crude oil.
- Aluminum cans have up to 68 percent recycled content.
- Recycling steel requires 60 percent less energy than producing steel from iron ore.

SOURCES: U.S. Environmental Protection Agency, Institute of Scrap Recycling Industries

CHART 3.5: Metal Recycling Figures by FY

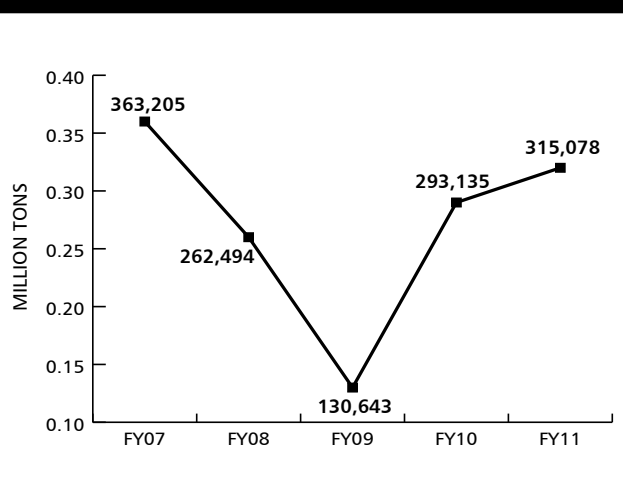


CHART 3.6: Types of Metal Recycled

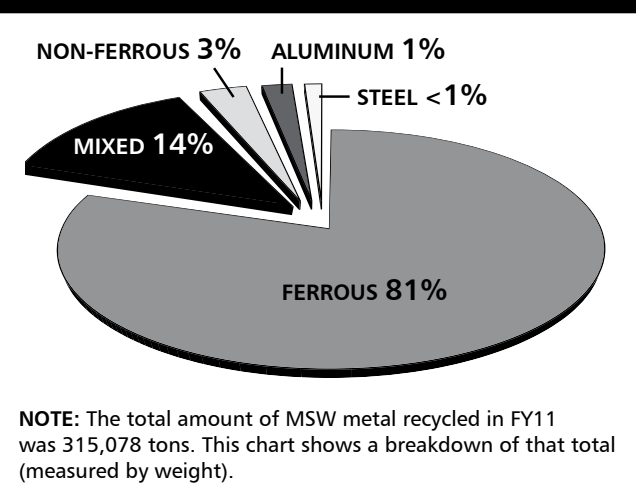


TABLE 3.7: Metal Recycling by County in Tons

COUNTY	ALUMINUM	STEEL	NON-FERROUS	FERROUS	MIXED	TOTAL
Abbeville	4.78	0.00	2.00	34.43	254.47	295.68
Aiken	27.12	9.34	0.78	349.66	2,744.48	3,131.37
Allendale	1.50	9.34	0.00	2.61	20.53	33.98
Anderson	150.10	21.66	6.54	37.28	1,625.00	1,840.58
Bamberg	0.59	0.00	0.00	2.63	2.94	6.16
Barnwell	2.91	0.00	0.00	2.63	177.27	182.81
Beaufort	331.57	75.49	300.83	5,036.25	1,648.46	7,392.60
Berkeley	202.20	30.24	1.73	26.11	562.25	822.53
Calhoun	2.42	0.00	0.00	2.61	46.68	51.71
Charleston	55.00	54.98	125.60	34,872.94	340.13	35,448.65
Cherokee	7.35	27.20	0.16	2.61	213.43	250.75
Chester	6.42	32.25	0.25	91.65	82.26	212.83
Chesterfield	5.95	0.00	0.16	25.16	118.77	150.04
Clarendon	1.14	9.34	0.29	2.63	266.62	280.02
Colleton	13.40	5.92	0.38	2.66	1,334.99	1,357.35
Darlington	28.54	0.24	0.34	42.83	692.92	764.87
Dillon	1.07	0.00	0.05	2.63	167.35	171.10
Dorchester	19.05	22.08	1,076.21	14,091.27	584.01	15,792.62
Edgefield	28.25	9.34	32.75	317.78	307.33	695.45
Fairfield	6.21	0.00	0.00	2.73	203.59	212.53
Florence	18.33	23.23	22.79	12,440.20	214.09	12,718.64
Georgetown	9.59	0.00	0.00	2.71	712.54	724.84
Greenville	156.54	158.44	1,523.43	47,190.80	291.21	49,320.42
Greenwood	42.40	26.23	131.20	6,794.35	384.58	7,378.76
Hampton	1.00	0.00	0.00	2.71	103.26	106.97
Horry	366.08	307.49	1,232.97	1,850.87	4,888.45	8,645.86
Jasper	11.65	9.86	15.39	110.84	308.72	456.46
Kershaw	9.18	9.34	0.09	2.63	8.12	29.36
Lancaster	3.35	2.00	5.05	2.71	824.95	838.06
Laurens	10.37	0.00	12.69	6,048.39	141.23	6,212.68
Lee	4.80	13.79	0.00	2.63	262.34	283.56
Lexington	46.38	13.90	1,305.60	45,005.01	650.15	47,021.04
Marion	1.61	0.24	0.09	8.61	3,042.72	3,053.27
Marlboro	4.26	12.34	73.50	565.68	2.68	658.46
McCormick	115.92	9.34	0.00	94.82	18.13	238.21
Newberry	10.37	0.00	0.11	2.63	408.84	421.95
Oconee	19.67	11.82	65.32	541.17	117.65	755.63
Orangeburg	5.91	0.00	14.94	8,407.86	335.48	8,764.19
Pickens	150.35	0.32	28.09	338.66	1,726.61	2,244.03
Richland	193.25	1,597.69	499.76	34,972.91	1,040.53	38,304.14
Saluda	111.96	0.00	0.00	37.10	237.29	386.35
Spartanburg	2,518.50	37.99	1,690.53	25,951.36	11,261.77	41,460.15
Sumter	77.23	247.62	656.81	11.02	2,805.64	3,798.32
Union	3.01	0.00	0.00	2.63	214.34	219.98
Williamsburg	16.82	3.69	5.27	63.53	148.39	237.70
York	215.41	93.53	125.71	8,923.96	2,346.99	11,705.60
STATE TOTAL	5,019.49	2,886.28	8,957.41	254,324.89	43,890.18	315,078.24

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

136

pounds of metal were recycled per person in South Carolina during FY11.

Metal made up

28%

of all MSW recycled in the state during FY11.

More than

315

thousand tons of metal were recycled in the state during FY11.

S.C. local governments reported an average of

\$1,132

per ton for aluminum in FY11.

It takes

60%

less energy to make steel from recycled material than from iron ore.



COMMODITY: **PAPER**

South Carolina at a Glance

- The total amount of paper recycled increased nearly 25 percent – from 353,173 tons in FY10 to about 440,363 tons in FY11.
- Paper is the No.1 recycled material by weight accounting for 39 percent of all of the MSW recycled.
- On average, each South Carolinian recycled 190 pounds of paper in FY11.
- Cardboard continued to be the top category comprising 302,670 tons (69 percent) of all paper collected.
- Cardboard, magazines, paperboard and mixed paper improved from the previous FY. Mixed paper jumped the most from 39,091 tons in FY10 to 96,226 tons in FY11. Each of the other categories fell with newspaper dropping the most from 27,063 tons in FY10 to 16,255 tons in FY11.
- About two-thirds of all paper recovered is from the commercial recycling sector.

Market Information

- Two key markets for paper are Pratt Industries and Sonoco Recycling. Both companies have multiple locations in the state.
- The average revenue reported by local governments for cardboard was \$126 per ton. Office paper revenue was \$136 per ton. Newspaper revenue was \$79 per ton in FY11.

SOURCES: U.S. Environmental Protection Agency, American Forest & Paper Association, Institute of Scrap Recycling Industries

National Perspective

- Paper and paperboard products comprised the largest segment of the nation's MSW accounting for 71 million tons (29 percent). Of that amount, 45 million tons (63 percent) were recycled.
- Cardboard made up more than half (about 25 million tons) of all the paper recovered.
- The amount of paper recovered averaged 334 pounds per person.
- Eighty-five percent of cardboard containers and 72 percent of the newspapers were recovered.
- More paper is recovered than glass, plastic and aluminum combined.
- Since 1990, Americans have recycled nearly 1 billion tons of paper and paperboard.

Benefits of Recycling

- Recycling one ton of paper saves enough energy to power the average American home for six months.
- Nearly 77 percent of all U.S. paper makers use some recovered paper to make new products.
- More than 5,000 products can be made from recycled paper including copy paper, masking tape, money, hospital gowns, dust masks, egg cartons, coffee filters, car insulation, lamp shades and animal bedding.
- Recycling 1 ton of paper saves 7,000 gallons of water in the production of new paper.

CHART 3.8: Paper Recycling Figures by FY

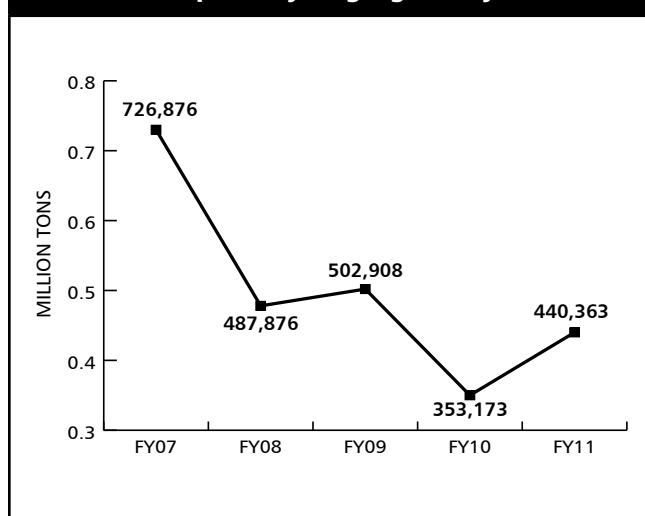


CHART 3.9: Types of Paper Recycled

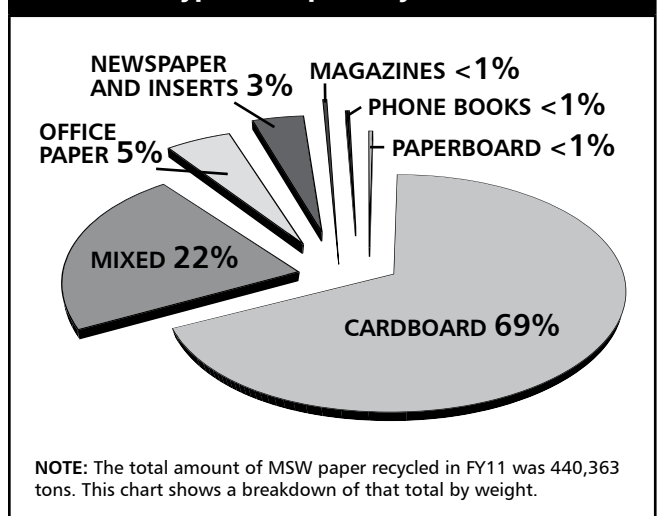


TABLE 3.10: Paper Recycling by County in Tons

COUNTY	CARDBOARD	MAGAZINES	NEWSPAPER AND INSERTS	OFFICE PAPER	PAPERBOARD	PHONE BOOKS	MIXED	TOTAL
Abbeville	475.06	0.15	0.13	4.61	0.01	0.03	131.94	611.93
Aiken	6,531.12	0.19	1,195.93	186.56	0.02	0.09	1,856.44	9,770.35
Allendale	61.90	0.07	0.07	6.93	0.00	0.05	5.63	74.65
Anderson	8,107.71	9.06	20.77	194.91	3.77	2.91	1,558.02	9,897.14
Bamberg	165.25	0.09	0.10	0.52	0.01	0.03	0.44	166.44
Barnwell	818.35	0.09	0.10	0.98	0.01	0.03	98.04	917.60
Beaufort	7,113.65	11.90	1,234.20	883.65	0.01	0.56	1,559.94	10,803.10
Berkeley	4,894.52	4.65	5.65	50.00	1.00	0.07	19.90	4,975.79
Calhoun	381.03	0.07	0.07	4.05	0.00	0.03	0.43	385.68
Charleston	19,656.20	0.27	65.18	589.67	0.01	7.16	9,905.38	30,223.87
Cherokee	3,207.90	0.07	1.07	58.78	0.00	0.04	540.77	3,808.63
Chester	901.88	1.09	146.41	2.32	0.01	1.03	4.18	1,056.92
Chesterfield	1,222.79	0.10	1.21	10.05	0.01	0.06	1.81	1,236.03
Clarendon	1,031.08	0.09	0.10	9.19	0.01	0.05	681.64	1,722.16
Colleton	1,353.00	0.10	153.12	3.20	0.01	0.03	1.13	1,510.59
Darlington	2,692.48	4.69	215.41	44.90	0.01	0.11	9.78	2,967.38
Dillon	664.62	0.09	71.50	13.50	0.01	0.03	0.44	750.19
Dorchester	3,959.33	0.37	1.69	92.06	0.01	0.09	1,353.76	5,407.31
Edgefield	2,177.48	3.96	187.77	98.88	0.01	1.14	155.59	2,624.83
Fairfield	723.34	0.13	0.20	149.44	0.02	0.07	98.96	972.16
Florence	3,777.65	1.12	416.60	52.89	0.00	0.45	54.41	4,303.12
Georgetown	2,034.05	4.68	699.61	54.00	0.01	0.07	1.12	2,793.54
Greenville	36,425.66	11.18	375.44	877.16	0.02	0.83	52,205.50	89,895.78
Greenwood	7,030.06	3.75	507.56	189.81	432.05	3.38	658.07	8,824.68
Hampton	412.53	7.88	20.25	16.66	0.01	0.07	1.12	458.52
Horry	27,087.34	22.83	5,056.55	1,866.34	1.01	130.83	234.38	34,399.28
Jasper	1,069.38	0.63	60.15	11.61	0.25	0.25	5.78	1,148.05
Kershaw	4,466.06	0.09	179.91	16.11	0.01	0.05	0.44	4,662.57
Lancaster	2,825.97	0.12	509.65	19.03	0.01	0.07	136.65	3,491.50
Laurens	1,833.12	0.94	77.20	21.11	0.81	0.23	156.56	2,089.98
Lee	140.50	0.09	20.60	7.58	0.01	0.05	0.44	169.27
Lexington	15,001.51	0.08	107.73	2,890.39	0.00	14.41	1,490.81	19,504.93
Marion	1,250.14	0.09	0.09	7.23	300.00	0.07	58.44	1,616.06
Marlboro	597.29	4.11	78.90	24.76	0.01	0.09	31.11	736.29
McCormick	761.96	0.09	71.23	8.19	0.01	0.05	38.10	879.63
Newberry	1,069.29	0.29	0.10	5.09	0.01	0.28	280.57	1,355.63
Oconee	3,972.28	21.90	365.93	220.05	0.03	0.11	648.23	5,228.52
Orangeburg	5,401.04	0.59	174.43	18.14	0.01	0.28	195.97	5,790.46
Pickens	9,718.40	3.62	0.39	198.66	0.01	0.07	1,894.84	11,815.99
Richland	26,220.65	171.49	2,742.05	6,276.28	1,818.00	69.21	1,832.37	39,130.05
Saluda	1,287.78	0.07	80.30	1.84	0.00	0.03	133.72	1,503.74
Spartanburg	56,312.31	0.15	0.33	6,067.71	0.01	0.49	15,510.48	77,891.47
Sumter	3,973.06	1.19	9.99	131.38	0.01	0.54	1,337.84	5,454.01
Union	1,032.38	0.09	0.10	2.74	0.01	0.03	201.05	1,236.40
Williamsburg	965.55	0.07	12.57	14.08	0.00	19.09	3.11	1,014.47
York	21,865.68	99.71	1,386.49	444.78	128.81	30.25	1,130.55	25,086.27
STATE TOTAL	302,670.33	393.26	16,254.82	21,847.81	2,686.05	284.88	96,225.87	440,363.02

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

190

pounds of paper
were recycled
per person in
South Carolina
during FY11.

Paper made up
39%

of all MSW
recycled in the
state during
FY11.

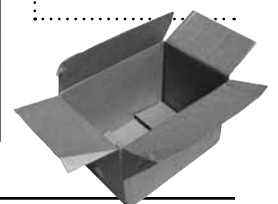
About
440

thousand tons
of paper were
recycled in the
state during
FY11.

S.C. local
governments
reported an
average of
\$126
per ton for
cardboard in FY11.

Nationally,
85%
of all cardboard
containers are
recovered.

Paper makes up
29%
of all MSW
generated in the
United States.



COMMODITY: **PLASTIC**

South Carolina at a Glance

- The amount of plastic recycled increased from 15,841 tons in FY10 to 17,673 tons in FY11 – reflecting a 12 percent increase.
- Plastic represented about 1 percent of the MSW recycled in FY11.
- On average, each South Carolinian recycled 7.6 pounds of plastic in FY11.
- Nearly 48 percent of the plastic recovered is from the commercial recycling sector while about 33 percent is from residential collection programs.

Market Information

- South Carolina has access to numerous plastic recyclers and processors as well as several large end users in the Southeast including Wellman, DAK Americas, Mumford Industries, Mohawk Industries, Custom Polymers and Envision Plastics.
- The demand for post-consumer plastic exceeds the amount of material being recovered. Obstacles for local governments to collect more plastic continue to be the low weight and value of the material as well as the cost of and distance to market.
- Typically, most residential programs only accept bottles made of PET (e.g., soft drink, water) and HDPE (e.g., milk, detergent, shampoo). These types of bottles can be identified by their shape – any type of bottle, jug or jar that has a screw cap.
- The average revenue reported by local governments for PET was \$438 per ton, commingled PET and HDPE was \$130 per ton and HDPE commingled \$418 per ton.

SOURCES: U.S. Environmental Protection Agency, Association of Post-Consumer Plastics Recyclers, National Association for PET Container Resources, Institute of Scrap Recycling Industries, American Chemistry Council

National Perspective

- Plastic comprised about 31 million tons (12.4 percent) of the nation's MSW in 2010. Of that amount, nearly 2.6 million tons (8.2 percent) was recycled.
- PET and HDPE bottles comprise more than 96 percent of the plastic bottle market and about 99 percent of the bottles recycled.
- The recycling rate for PET bottles was 29 percent and HDPE bottles (natural only) was 28 percent in 2010.
- The recycling rate of non-bottle, rigid plastic jumped 72 percent in 2010. The recovery of items such as carts, crates, tubs and lids increased the amount of material collected to almost 827 million pounds. PP accounted for 363 million pounds (nearly 44 percent) of the material recovered.

Benefits of Recycling

- Using recycled plastic instead of raw material saves 80-90 percent of the energy to make new products.
- Recycled plastic has significant value and is used to provide a raw material for many products. The primary market for recycled PET bottles is fiber for carpet and textiles. The primary market for HDPE bottles is bottles. Natural HDPE is used for non-food bottles such as detergent, motor oil and household cleaners. Colored HDPE is used to make pipe and lawn/garden products. PP is used for pallets, buckets and crates.
- Plastic bottle caps can be recycled as well. Generally, caps are made out of HDPE and PP – both of which have high market demand. PP can be used to make potted plant containers, injection-molded automobile parts and covers as well as other packaging.

CHART 3.11: Plastic Recycling Figures by FY

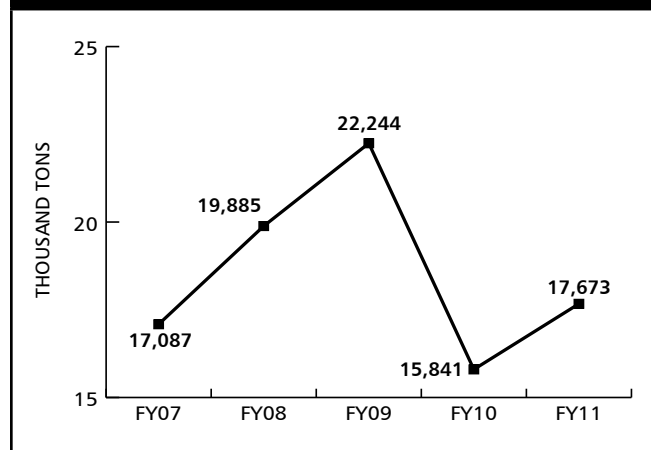


CHART 3.12: Types of Plastic Recycled

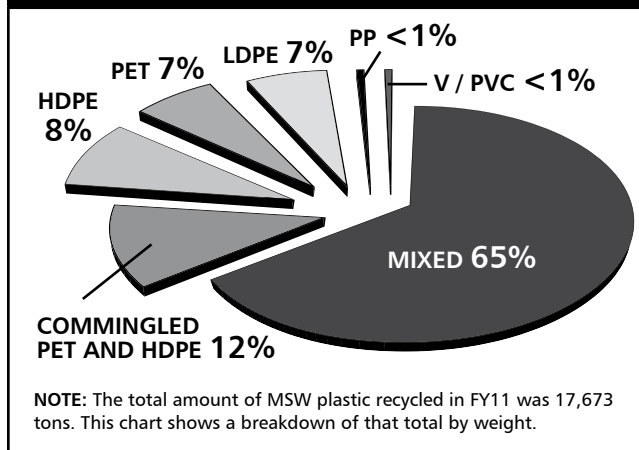


TABLE 3.13: Plastic Recycling by County in Tons

COUNTY	PET	HDPE	COMMINGLED PET & HDPE	V / PVC	LDPE	PP	MIXED	TOTAL
Abbeville	12.54	14.48	0.00	0.03	0.00	0.00	42.26	69.31
Aiken	63.94	40.67	0.03	0.06	41.73	0.00	173.94	320.37
Allendale	0.05	1.39	13.04	0.00	0.00	0.00	0.00	14.48
Anderson	14.13	4.17	38.55	0.03	41.46	0.00	179.07	277.40
Bamberg	0.21	5.85	0.00	0.03	0.00	0.00	0.18	6.27
Barnwell	0.30	0.28	0.00	0.03	10.19	0.00	42.80	53.60
Beaufort	0.23	0.05	316.22	0.03	1.73	0.00	89.62	407.88
Berkeley	2.57	9.00	0.00	0.00	54.40	0.00	179.26	245.23
Calhoun	0.05	13.95	0.00	0.00	0.00	0.00	24.07	38.07
Charleston	1.71	12.37	161.64	0.06	73.46	0.00	321.77	571.01
Cherokee	0.11	0.23	6.00	0.00	7.56	0.00	341.13	355.03
Chester	0.40	0.32	86.89	0.03	5.91	0.00	23.70	117.25
Chesterfield	0.89	1.49	0.00	0.06	24.78	0.00	15.01	42.22
Clarendon	0.46	2.02	0.00	0.03	13.79	0.00	66.42	82.72
Colleton	0.73	4.10	0.00	0.06	19.92	0.00	17.14	41.95
Darlington	4.13	1.36	26.92	0.00	25.13	0.00	15.31	72.85
Dillon	0.52	0.94	0.00	0.03	13.67	0.00	7.02	22.18
Dorchester	0.59	2.11	2.50	0.06	13.54	4.00	282.29	305.09
Edgefield	0.06	1.39	43.09	0.00	0.00	0.00	818.35	862.89
Fairfield	0.45	0.22	45.35	0.06	2.93	0.00	7.69	56.70
Florence	44.45	22.69	0.00	0.00	37.12	0.00	57.63	161.89
Georgetown	72.71	65.14	0.00	0.03	12.56	0.00	18.30	168.74
Greenville	6.18	203.06	1.21	0.10	84.61	0.00	3,273.86	3,569.02
Greenwood	102.66	17.44	44.52	0.03	28.40	0.00	10.73	203.78
Hampton	0.21	0.03	0.00	0.03	0.00	0.00	7.50	7.77
Horry	444.34	274.21	0.00	0.03	113.03	0.00	1,005.29	1,836.90
Jasper	0.05	1.89	0.00	0.00	0.00	0.00	33.13	35.07
Kershaw	0.58	2.42	37.00	0.03	19.73	0.00	6.39	66.15
Lancaster	0.42	0.53	211.87	0.03	13.37	0.00	16.89	243.11
Laurens	16.32	0.56	5.95	0.03	16.67	0.00	29.49	69.01
Lee	0.21	1.41	2.44	0.03	0.00	0.00	5.62	9.71
Lexington	5.18	3.80	283.82	0.00	103.04	0.00	190.98	586.82
Marion	0.29	0.73	0.00	0.00	16.55	0.00	2.19	19.76
Marlboro	0.06	13.39	4.86	0.00	0.00	0.00	43.70	62.01
McCormick	0.21	1.41	10.54	0.03	0.00	0.00	2.25	14.44
Newberry	0.38	0.73	0.00	0.03	9.96	0.00	27.66	38.76
Oconee	7.85	0.42	0.00	0.13	12.22	0.00	178.95	199.57
Orangeburg	0.40	25.95	33.10	0.03	14.39	0.00	78.04	151.91
Pickens	21.67	43.24	156.85	0.06	15.75	0.00	192.97	430.54
Richland	35.44	398.54	47.77	0.03	232.92	0.00	813.43	1,528.13
Saluda	0.05	0.01	27.66	0.00	0.00	0.00	7.50	35.22
Spartanburg	4.13	5.71	525.64	0.03	96.93	0.00	2,031.28	2,663.72
Sumter	129.64	109.59	1.33	0.03	19.00	0.00	145.00	404.59
Union	13.56	6.52	0.00	0.03	13.48	0.00	31.78	65.37
Williamsburg	0.05	10.90	0.00	0.00	4.14	0.00	5.25	20.34
York	229.00	199.57	0.54	39.15	0.00	0.00	650.31	1,118.57
STATE TOTAL	1,240.09	1,526.28	2,135.33	40.49	1,214.06	4.00	11,513.14	17,673.39

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

7.6
pounds of
plastic were
recycled per
person in South
Carolina in FY11.

33%
of MSW plastic
recycled was
from residential
collection
programs in
FY11.

About
1%
of all MSW
recycled in the
state was plastic
in FY11.

S.C. local
governments
reported an
average of
\$438
per ton for PET
in FY11.



COMMODITIES: **BANNED ITEMS**

South Carolina at a Glance

- Banned items are appliances (e.g., refrigerators, stoves, air conditioners, water heaters, washers, dryers), lead-acid batteries, used motor oil, whole tires and yard trimmings. With the exception of yard trimmings, these items are prohibited by law from disposal in any landfill. Yard trimmings are banned from disposal in Class 3 landfills, but can be disposed of in Class 1 or Class 2 landfills. While each of these items are discussed here, a detailed summary of the state's used motor oil recycling program that targets do-it-yourself oil changers is in Section 4.
- There are advanced recycling fees on all banned items except yard trimmings. Consumers pay the fee at the point of purchase. The fees – managed in the Solid Waste Trust Fund – provide the revenue for South Carolina's overall solid waste management program (compliance, enforcement, technical assistance, education and planning) as well as grant programs to local governments, colleges/universities and schools.
- Most banned items are collected at drop-off recycling centers or left with retailers after buying new products.
- The overall amount of banned items recycled fell from 314,175 tons in FY10 to 294,895 tons in FY11, a drop of 19,280 tons (6 percent).
- Banned items comprised the third-most recycled MSW commodity (25 percent) in FY11, trailing only paper and metal.
- On average, each South Carolinian recycled nearly 128 pounds of banned items in FY11.
- The amount of lead-acid batteries, whole tires and yard trimmings recycled all dropped while used motor oil and appliances improved the most – from 16,797 tons in FY10 to 19,415 tons in FY11 – nearly a 16 percent increase.
- Waste tire recycling fell, partly due to poor reporting by tire processors. Several counties reported a drop in lead-acid battery recycling due to theft.

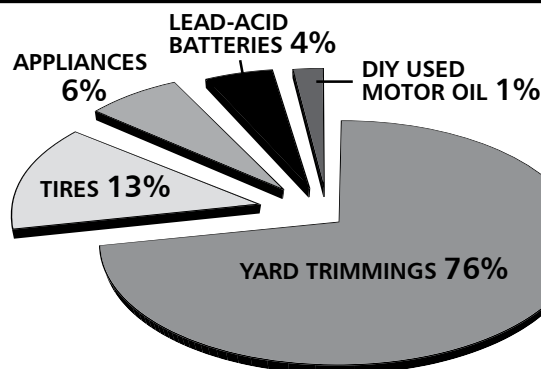
National Perspective

- Major appliances comprised about 4 million tons (1.6 percent) of the nation's MSW. Of that amount, 2.6 million tons (65 percent) were recovered.
- Lead-acid batteries made up about 3.2 million tons (1.3 percent) of the nation's MSW. Of that amount, a little more than 3 million tons (96 percent) were recovered.
- Yard trimmings resulted in about 33.4 million tons (13.4 percent) of the nation's MSW. Of that amount, 19.2 million tons (57.5 percent) were recovered.
- Waste tires accounted for about 5.2 million tons (2.1 percent) of the nation's MSW. Of that amount, about 1.8 million tons (35.5 percent) were recovered.

Market Information

- Appliances are easily recycled and a valuable commodity. There is a nationwide infrastructure to recycle appliances and other products that contain steel.
- There are a number of vendors – including one on state-term contract – for used motor oil collection and recycling in South Carolina. Most vendors pay for used motor oil.
- Lead-acid batteries have numerous markets. Generally, a scrap metal recycler will accept lead-acid batteries, extract the lead and then sell the empty casings to plastic recyclers. Some large lead-acid battery manufacturers and distributors also have set up their own recycling services.
- There are adequate markets for waste tires in South Carolina and the region. Recycled tires are used to produce tire shreds and crumbs for many products, made into rubberized asphalt, employed in civil engineering applications or for energy recovery.
- The average revenue earned by local governments for lead-acid batteries was nearly \$205 per ton and nearly \$187 per ton for used motor oil.

CHART 3.14: Types of Banned Items



NOTE: The total amount of MSW banned items recycled in FY11 was 294,895 tons. This chart shows a breakdown of that total by weight.

Benefits of Recycling

- Recycling lead-acid batteries is an environmental success story. More than 97 percent of all battery lead is recycled. The typical new lead-acid battery contains 60 to 80 percent recycled lead and plastic (PP). When a battery is collected, it is sent to a permitted recycler where, under strict environmental regulations, the lead and plastic are reclaimed and sent to a new battery manufacturer.
- Crumb rubber from recycled tires can make pavements last longer and can be used as a lightweight, durable replacement for many other materials. The Asphalt Rubber Technology Service at Clemson University can assist businesses and industries find ways to make their products and services better through the incorporation of crumb rubber.

SOURCE: U.S. Environmental Protection Agency

TABLE 3.15: Banned Items by County in Tons

COUNTY	APPLIANCES	DIY USED MOTOR OIL	LEAD-ACID BATTERIES	TIRES	YARD TRIMMINGS	TOTAL
Abbeville	0.00	28.00	5.97	269.10	0.09	303.16
Aiken	52.54	161.00	1,348.10	460.06	0.18	2,021.88
Allendale	0.00	8.00	0.79	126.98	0.00	135.77
Anderson	54.44	123.00	656.51	974.07	76.09	1,884.11
Bamberg	0.00	14.00	0.92	227.50	405.58	648.00
Barnwell	2.34	28.00	34.76	142.48	0.09	207.67
Beaufort	4,786.71	91.00	281.79	1,164.19	7,882.85	14,206.54
Berkeley	31.52	171.00	175.34	847.69	1,415.00	2,640.55
Calhoun	14.15	21.00	2.59	107.82	0.00	145.56
Charleston	1,534.17	150.00	1,408.02	2,577.43	45,273.13	50,942.75
Cherokee	174.32	29.00	82.26	1,151.47	889.00	2,326.05
Chester	0.00	40.00	11.11	130.03	149.09	338.23
Chesterfield	0.00	30.00	27.88	392.47	0.18	450.53
Clarendon	0.00	35.00	40.35	250.01	0.09	325.45
Colleton	5.85	35.00	73.03	426.55	0.18	540.61
Darlington	21.92	42.00	32.96	677.76	0.00	774.64
Dillon	0.00	26.00	17.99	425.38	0.09	469.46
Dorchester	639.84	133.00	64.20	798.21	14,789.31	16,424.56
Edgefield	83.86	48.00	11.72	245.63	0.00	389.11
Fairfield	0.00	28.00	9.69	395.99	500.00	933.68
Florence	1,059.94	90.00	139.03	1,175.10	6,807.00	9,271.07
Georgetown	0.00	64.00	42.02	427.22	3,112.83	3,646.07
Greenville	1,219.80	201.00	2,150.99	7,664.79	47,366.28	58,602.86
Greenwood	21.92	51.00	29.99	606.03	6.59	715.53
Hampton	33.28	21.00	6.68	284.76	1,815.73	2,161.45
Horry	122.68	200.00	1,687.24	3,528.39	39,468.92	45,007.23
Jasper	1.65	22.00	55.35	313.29	0.00	392.29
Kershaw	101.18	93.00	56.59	294.43	14.09	559.29
Lancaster	39.72	57.00	58.20	665.90	319.89	1,140.71
Laurens	10.00	41.00	24.63	246.80	2.59	325.02
Lee	0.00	17.00	4.71	171.27	2,156.44	2,349.42
Lexington	1,430.07	340.00	228.12	760.80	4,243.93	7,002.92
Marion	100.00	18.00	27.73	263.15	765.00	1,173.88
Marlboro	0.00	13.00	2.40	60.69	0.00	76.09
McCormick	31.84	14.00	5.14	88.29	0.09	139.36
Newberry	21.92	36.00	29.21	234.44	1,954.85	2,276.42
Oconee	789.14	65.00	264.20	1,025.72	2,942.12	5,086.18
Orangeburg	21.92	69.00	53.95	840.92	0.09	985.88
Pickens	2,534.16	132.00	311.55	877.28	8,858.08	12,713.07
Richland	154.25	114.00	1,878.78	1,275.78	6,921.55	10,344.36
Saluda	62.20	33.00	30.74	167.96	0.00	293.90
Spartanburg	848.76	227.00	262.11	1,854.42	16,742.87	19,935.16
Sumter	2,941.52	96.00	180.82	611.08	1,616.57	5,445.99
Union	0.00	20.00	16.96	165.74	0.09	202.79
Williamsburg	345.26	28.00	9.64	421.92	6.23	811.05
York	121.78	203.00	337.19	1,289.03	6,188.40	8,136.40
STATE TOTAL	19,414.65	3,506.00	12,176.93	37,106.02	222,691.18	294,894.79

128

pounds of
banned items
were recycled
per person in
South Carolina
in FY11.

25%

of all MSW
recycled in the
state during
FY11 was
banned items.

**About
16%**

more appliances
were recycled in
the state during
FY11 than in
FY10.

S.C. local
governments
reported an
average of

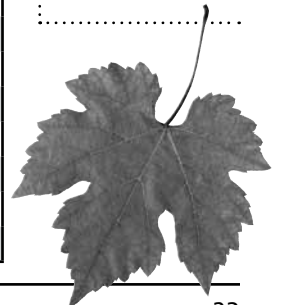
\$205

per ton for
lead-acid
batteries
recycled in FY11.

S.C. local
governments
reported an
average of

\$187

per ton for
used motor oil
recycled in FY11.



COMMODITIES: **MISCELLANEOUS ITEMS**

South Carolina at a Glance

- Miscellaneous items are materials that are not part of any other commodity category. These items vary widely and include antifreeze, cooking oil, fluorescent bulbs, rechargeable batteries and mattresses. Two additional items – hazardous household materials and consumer electronics – are highlighted on page 26.
- The amount of miscellaneous items recycled increased from 42,093 tons in FY10 to 44,525 tons in FY11 – an increase of nearly 6 percent.
- Miscellaneous items comprised about 4 percent of the MSW recycled in FY11.

TABLE 3.16: Miscellaneous Items by County in Tons

COUNTY	ANTIFREEZE	CONSUMER ELECTRONICS	COOKING OIL	FLUORESCENT BULBS	FOOD SCRAPS	HAZARDOUS HOUSEHOLD MATERIALS	INKJET/TONER CARTRIDGES	MATTRESSES
Abbeville	0.26	86.41	0.17	1.10	0.00	0.00	0.04	0.00
Aiken	13.61	225.03	0.00	10.62	0.00	3.80	9.29	0.00
Allendale	0.14	21.70	0.00	0.02	0.00	0.00	0.04	0.00
Anderson	1.50	58.22	1.98	5.31	0.01	0.00	0.96	0.00
Bamberg	0.14	16.29	0.00	0.02	0.00	0.00	0.02	0.00
Barnwell	1.02	47.44	0.00	0.02	0.00	0.00	0.02	0.00
Beaufort	12.30	156.39	492.90	5.87	146.35	0.00	4.70	30.21
Berkeley	9.32	73.79	3.97	8.45	0.00	0.00	0.54	0.00
Calhoun	0.14	49.57	0.00	2.36	0.00	0.00	0.70	0.00
Charleston	55.04	478.29	41.91	11.79	1,336.60	12.40	3.07	0.00
Cherokee	0.26	60.99	0.17	2.37	0.00	0.00	1.04	0.00
Chester	0.14	13.52	0.00	0.53	0.00	0.00	0.06	0.00
Chesterfield	0.38	11.56	0.34	1.88	0.00	0.00	0.05	0.00
Clarendon	0.26	62.15	0.17	0.05	0.00	0.00	0.06	0.00
Colleton	0.40	16.28	9.33	0.02	0.00	0.00	0.44	0.00
Darlington	0.14	72.27	0.00	0.90	0.00	0.00	0.37	0.00
Dillon	0.26	8.38	0.17	0.28	0.00	0.00	0.04	0.00
Dorchester	0.14	100.93	0.25	0.12	0.00	0.00	0.29	0.00
Edgefield	6.47	41.90	0.17	2.10	0.00	0.00	0.27	11.03
Fairfield	0.14	56.82	21.00	0.72	0.00	0.00	0.12	0.00
Florence	0.48	48.49	2.32	0.19	0.00	0.00	0.38	0.00
Georgetown	0.60	31.01	0.34	1.08	0.00	41.00	0.16	0.00
Greenville	81.02	428.58	16.78	31.86	5.00	0.00	5.64	0.00
Greenwood	1.34	87.06	4.50	5.37	0.00	0.00	0.34	0.00
Hampton	0.26	85.70	0.17	0.05	0.00	0.00	0.14	0.00
Horry	78.64	822.31	1,307.79	10.26	0.00	30.40	3.97	76.43
Jasper	2.43	15.05	29.12	2.02	0.00	0.00	1.21	0.00
Kershaw	0.70	154.94	0.17	0.05	0.00	0.00	0.56	0.00
Lancaster	0.14	19.77	0.00	0.39	0.00	0.00	0.12	0.00
Laurens	1.78	49.16	0.00	0.93	12.00	0.00	0.11	0.00
Lee	0.34	7.56	0.00	0.02	0.00	0.00	0.04	0.00
Lexington	0.84	192.03	27.15	2.71	0.00	0.00	1.69	0.00
Marion	3.14	16.34	0.00	0.02	0.00	0.00	0.02	0.00
Marlboro	0.50	19.19	1.82	0.27	0.00	0.00	0.25	2.00
McCormick	0.26	23.63	0.17	0.05	0.00	0.29	0.06	0.00
Newberry	0.14	49.58	0.00	0.16	0.00	0.00	0.02	0.00
Oconee	19.72	21.89	564.96	5.29	0.00	0.00	2.37	0.00
Orangeburg	0.36	39.96	569.83	0.12	21.87	0.00	0.02	0.00
Pickens	9.20	447.28	111.85	7.85	23.77	0.00	0.14	0.00
Richland	4.34	550.66	28.08	9.91	0.00	60.00	7.15	9.00
Saluda	0.84	12.59	0.17	0.05	0.00	0.00	0.04	0.00
Spartanburg	8.62	147.12	0.17	7.60	0.00	0.00	0.82	0.00
Sumter	8.59	194.62	5.15	3.55	96.87	0.00	3.26	0.00
Union	0.26	6.46	0.17	0.05	0.00	0.00	0.05	0.00
Williamsburg	0.14	17.97	22.10	0.02	0.00	0.00	0.02	0.00
York	393.28	579.59	166.18	22.18	17.50	2.70	23.09	0.00
STATE TOTAL	720.02	5,726.46	3,431.52	166.57	1,659.97	150.59	73.77	128.67

South Carolina at a Glance (continued)

- Nearly 78 percent of the miscellaneous items recovered were from commercial and industrial sources.
- On average, each South Carolinian recycled 19 pounds of miscellaneous items in FY11.
- Electronics, cooking oil, food scraps, hazardous household materials, textiles, used oil filters and wood packaging all had increases in FY11 from the previous FY. Antifreeze, fluorescent bulbs, inkjet and toner cartridges, mattresses, paint, rechargeable batteries and other wood all decreased.

44%

more electronics were recycled in FY11 than in the previous fiscal year due to more recycling programs.

78%

of miscellaneous items recycled in the state during FY11 came from commercial and industrial sources.

19

pounds of miscellaneous items were recycled by each person in the state during FY11.

COUNTY	PAINT	RECHARGEABLE BATTERIES	TEXTILES	USED MOTOR OIL FILTERS	WOOD PACKAGING	OTHER WOOD	OTHER ITEMS	TOTAL MISC.
Abbeville	0.00	0.27	45.00	1.83	42.53	29.91	0.53	208.05
Aiken	0.07	2.64	0.00	19.96	1,072.71	126.05	4.53	1,488.31
Allendale	0.00	0.11	0.00	0.28	12.56	0.00	0.12	34.97
Anderson	2.43	9.54	150.01	10.78	664.02	180.02	309.50	1,394.26
Bamberg	0.00	0.16	0.00	0.28	0.03	0.01	0.24	17.19
Barnwell	0.00	0.23	0.00	2.93	0.03	0.01	0.81	52.51
Beaufort	0.00	3.83	184.60	28.56	648.33	1.01	80.05	1,795.14
Berkeley	7.90	2.72	0.00	94.58	715.39	0.00	181.51	1,098.16
Calhoun	0.00	0.15	0.00	1.17	1.08	0.00	0.14	55.31
Charleston	72.84	11.43	0.00	103.84	1,092.95	5.32	113.29	3,338.77
Cherokee	0.00	1.11	0.00	9.25	1,482.63	0.00	24.45	1,582.27
Chester	0.00	0.37	0.00	1.46	27.45	0.01	1.96	45.50
Chesterfield	0.00	0.49	0.00	2.55	25.03	0.02	3.60	45.90
Clarendon	0.00	0.37	0.00	4.94	12.56	0.01	1.92	82.49
Colleton	0.00	0.39	0.00	5.58	0.03	0.02	2.32	34.81
Darlington	0.00	0.69	0.00	9.45	172.20	0.11	307.23	563.36
Dillon	0.00	0.33	0.00	1.85	0.03	0.01	1.97	13.32
Dorchester	0.00	1.86	0.00	12.63	372.96	276.02	268.46	1,033.65
Edgefield	0.00	0.28	0.00	14.97	74.13	22.61	0.43	174.36
Fairfield	0.00	0.24	0.00	4.44	0.10	0.13	0.55	84.26
Florence	0.00	1.40	0.00	10.26	248.77	0.00	5.36	317.64
Georgetown	0.00	0.63	0.00	3.18	0.10	0.12	306.37	384.59
Greenville	16.94	9.65	911.00	199.90	4,347.93	54.60	559.15	6,668.04
Greenwood	0.00	16.91	0.00	0.40	1,807.06	6.51	3.33	1,932.82
Hampton	0.00	0.22	0.00	2.42	71.73	0.12	0.43	161.24
Horry	0.12	88.42	0.00	239.05	1,086.03	0.62	378.92	4,122.96
Jasper	0.25	1.40	0.00	10.50	20.56	2.00	0.12	84.66
Kershaw	0.00	0.63	0.00	5.41	144.86	0.01	2.39	309.72
Lancaster	0.00	0.94	0.00	11.63	674.49	0.12	1.51	709.11
Laurens	0.00	1.71	0.00	0.28	70.43	0.01	74.11	210.51
Lee	0.00	0.20	0.00	5.70	12.56	0.01	0.12	26.55
Lexington	0.00	3.06	66.37	39.65	883.23	89.91	43.61	1,350.25
Marion	0.00	0.10	0.00	15.43	0.03	0.00	1.65	36.73
Marlboro	0.00	0.33	0.00	3.87	60.93	0.11	0.12	89.39
McCormick	0.00	0.01	0.00	0.94	16.46	0.01	0.43	42.31
Newberry	0.00	0.38	0.00	4.41	75.63	0.01	1.52	131.85
Oconee	0.00	2.20	127.30	16.07	886.49	422.38	3.13	2,071.80
Orangeburg	5.23	0.93	0.00	6.87	181.03	2.51	73.53	902.26
Pickens	35.50	1.34	45.00	9.06	670.99	133.62	8.83	1,504.43
Richland	0.10	5.94	48.76	18.33	936.96	58.03	24.89	1,762.15
Saluda	2.12	0.21	0.00	5.08	400.03	0.00	0.43	421.56
Spartanburg	11.29	5.45	0.00	24.86	1,780.72	0.37	72.27	2,059.29
Sumter	0.00	1.09	38.40	19.40	177.85	105.14	2.15	656.07
Union	1.00	0.30	0.00	1.24	50.88	0.31	2.68	63.40
Williamsburg	0.00	0.35	0.00	4.14	0.03	0.00	0.12	44.89
York	13.57	3.96	788.67	240.03	2,670.32	0.12	397.47	5,318.64
STATE TOTAL	169.36	184.96	2,405.16	1,229.43	23,692.85	1,517.91	3,268.24	44,525.46

HHM & E-SCRAP

Hazardous household materials (HHM) and consumer electronics (also known as e-scrap) are highlighted in this report because they comprise significant parts of MSW as well as pose a potential risk to human health and the environment. In addition, legislation was passed in May 2010 to properly manage electronics generated by residents. This section highlights efforts to properly manage or recycle these materials.

Hazardous Household Materials

HHM is defined by the U.S. Environmental Protection Agency as “leftover household products that contain corrosive, toxic, ignitable or reactive ingredients.” Examples of HHM include paint, cleaners, pool

chemicals as well as lawn and garden products. While businesses are required to properly recycle or dispose of these items, households are encouraged to do the same. Improper disposal of HHM can pose a threat to human health and the environment. Examples of improper disposal of HHM can include pouring it down the drain, on the ground or into storm sewers. In an effort to keep HHM out of the environment and to ensure proper handling of the various items, several local governments offer some type of HHM collection program for residents.

Four counties and one municipality have permanent collection sites or weekly curbside collection for HHM. Another four counties and two municipalities offer HHM collection events. For many local governments, the greatest obstacle to HHM collection is funding. There is significant cost related to the collection and sorting as well as the recycling, incineration or proper disposal of HHM. Some local governments set aside funding or seek grants to offset costs.

DHEC offers educational materials – such as fact sheets and the “S.C. Smart Gardener Handbook” – for households about methods to reduce and properly manage HHM. Topics include choosing non-toxic or less toxic options, buying only the amount needed and encouraging reuse of unwanted materials. DHEC also offers technical assistance to local governments looking to manage HHM and guidance on setting up single-day collection events.

E-scrap

In May 2010, South Carolina passed legislation that requires residents to recycle desktop, laptop, notebook and tablet computers, computer monitors, printers and televisions. The legislation specifically outlined that residents “may not knowingly place or discard” these products “in any waste stream that is to be disposed of in a solid waste landfill.” This ban, which received robust statewide media coverage went into effect on July 1, 2011.

Local governments responded to the ban during FY11 by developing or improving collection programs. By the end of FY11, there were programs in about 35 of the state’s 46 counties either through curbside programs, drop-off sites or single-day collection events. Unsurprisingly, given the attention and response to this issue, the amount of e-scrap recycled increased 44 percent from 3,977 tons in FY10 to 5,726 tons in FY11.

S.C. HHM Collection Programs

Below is the list of programs* and the amount of HHM collected in FY11.

- **BEAUFORT COUNTY:** Single-day collection events and permanent paint collection sites (74.6 tons)
- **CHARLESTON COUNTY:** Permanent collection site (85.12 tons)
- **CHESTER COUNTY:** Single-day collection events (4.27 tons)
- **CITY OF NORTH AUGUSTA:** Single-day collection events (3.8 tons)
- **CITY OF SIMPSONVILLE:** Permanent collection site (paint only, no record of amount)
- **GEORGETOWN COUNTY:** Permanent collection site (41 tons)
- **HORRY COUNTY:** Permanent collection site (41.7 tons)
- **RICHLAND COUNTY:** Single-day collection event (60 tons)
- **SPARTANBURG COUNTY:** Single-day collection event (35.23 tons)
- **TOWN OF SURFSIDE:** Weekend collection events (sent to Horry County)
- **YORK COUNTY:** Single-day collection events and a permanent collection site (72.36 tons)

Anderson County and the City of Aiken also have programs to manage HHM, but did not collect enough material to send to market in FY11.

* This list includes all HHM collected in South Carolina in FY11. Only that listed in Table 3.16 was recycled. The rest was disposed of properly and does not count towards the state’s recycling rate.

COMMODITY: **COMMINGLED RECYCLABLES**

South Carolina at a Glance

- The amount of commingled recyclables recovered increased from 29,648 tons in FY10 to 47,432 tons in FY11 – an improvement of nearly 60 percent. Most of this increase is attributed to residential recycling, although the number of counties collecting commingled materials only increased by one – to 15 in FY11.
- Commingled recyclables account for 4 percent of the MSW recycled in FY11.
- On average, each South Carolinian recycled more than 20 pounds of commingled recyclables in FY11.
- Three counties – Charleston, Lexington and Richland – recycled 22,895 tons of commingled recyclables, accounting for about 48 percent of the total collected. Charleston County collected the most – more than 10,600 tons.

Market Information

- The average revenue reported by local governments for commingled recyclables was \$7.13 per ton.
- One downside to commingled collection programs is a loss in revenue for recovered material compared to marketing clean, separate commodities. Commingled material has to be sorted mechanically or by hand – a process that adds to the cost. This cost, however, can be offset by reduced collection costs (e.g., labor, vehicles) as well as increased participation and recovery.
- Commingling improves collection efficiency. Programs, for example, can replace a curbside recycling bin with a 96-gallon roll cart and reduce the frequency of collection (i.e., once every two weeks).

National Perspective

- Collecting commingled recyclables is a growing nationwide trend. There are several ways to collect commingled material. In single-stream recycling programs, paper products and containers (e.g., aluminum cans, glass bottles, plastic bottles) are collected in one container and sorted later for market. In other programs, often called dual-stream recycling, paper is collected separately from other recyclables. Other variations of collecting mixed recyclables also exist.
- There are several benefits to commingled recycling. One of the significant benefits is that more types of materials can be collected – thus increasing the amount of material collected and potential revenue from the sale of those materials. Studies also have shown that commingled recycling frequently increases participation in programs.
- As a result of the recyclables being mixed prior to marketing, it is difficult to track and report individual amounts for specific types of material. Instead, a total amount is often provided. These amounts are counted as MSW and included in the state's MSW recycling rate.

TABLE 3.17: Commingled Recyclables by County

COUNTY	TONS
Abbeville	0.00
Aiken	0.00
Allendale	0.00
Anderson	1,561.34
Bamberg	0.00
Barnwell	0.00
Beaufort	3,071.94
Berkeley	3,876.16
Calhoun	0.00
Charleston	10,661.11
Cherokee	0.00
Chester	31.17
Chesterfield	232.67
Clarendon	0.00
Colleton	0.00
Darlington	165.81
Dillon	0.00
Dorchester	1,090.40
Edgefield	0.00
Fairfield	0.00
Florence	1,188.61
Georgetown	0.00
Greenville	2,534.18
Greenwood	0.00
Hampton	0.00
Horry	429.54
Jasper	315.00
Kershaw	239.00
Lancaster	0.00
Laurens	0.00
Lee	0.00
Lexington	4,086.75
Marion	620.99
Marlboro	0.00
McCormick	0.00
Newberry	0.00
Oconee	0.00
Orangeburg	149.70
Pickens	3,301.00
Richland	8,146.83
Saluda	0.00
Spartanburg	3,261.58
Sumter	0.00
Union	0.00
Williamsburg	10.00
York	2,458.44
STATE TOTAL	47,432.22



USED MOTOR OIL RECYCLING

The S.C. Solid Waste Policy and Management Act of 1991 (Act) requires the S.C. Department of Health and Environmental Control (DHEC) to annually compile a report on the state's used motor oil recycling program for do-it-yourself oil changers (DIYers). According to the Act, the report must include:

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

The Act requires that operators of used motor oil collection sites must report to DHEC the amount of used motor oil collected each calendar year. Grant funding and the solid waste data in this publication are reported by fiscal year. For purposes of this report, however, the amount of used motor oil collected is presented in two ways: 1) by calendar year 2010; and 2) by fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011). For this report, only used

motor oil generated and recycled by DIYers is counted as part of the state's MSW recycling rate.

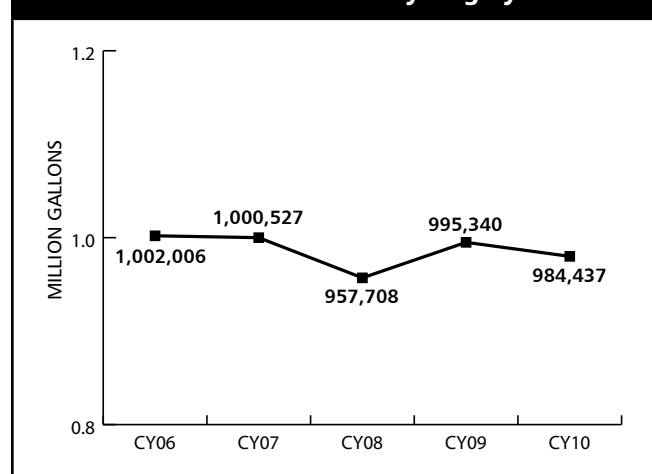
In 2010, DIYers recycled 984,437 gallons of used motor oil. Chart 4.1 illustrates the success of the used motor oil collection program for DIYers (by calendar year) while Table 4.2 lists the amount of used motor oil collected in each county in FY11. The 1,001,714 gallons of used motor oil collected in FY11 equates to 3,506 tons.

Annual collection data for DIY used motor oil recycling seems to indicate a plateau of about 1 million gallons as seen in Chart 4.1. This leveling off may be attributed to several factors including: 1) U.S. Department of Energy reports that the DIY population decreased from 60 to 45 percent between 1995 and 2004; 2) many local governments use DIY used motor oil in waste oil heaters and may not track or report that volume; and 3) frequency of DIY oil changes may be decreasing due to the economy, use of synthetic motor oil and new manufacturer recommendations.

There is a fee of two cents per quart of motor oil collected at the wholesale level. With this funding, the program has grown to nearly 900 collection sites statewide. Part of this growth can be attributed to retail outlets, quick lubes and auto parts stores that accept used motor oil from DIYers in addition to local government collection sites. Table 4.2 provides a breakdown of the number of collection sites for DIYers in each county.

In FY11, \$603,036 was awarded to local government programs to support the collection and recycling of used motor oil from DIYers. The amount of individual grant awards for FY11 is provided in Table 4.2. Grant funds are used primarily for the purchase of equipment and supplies associated with used motor oil collection sites. Funds also are used to cover contractor costs for used motor oil filter recycling, public education and career development of local recycling professionals. In addition to used motor

CHART 4.1: Used Motor Oil Recycling by Year



oil, most county recycling programs also collect used motor oil filters and motor oil bottles from DIYers. The amounts of used motor oil filters and motor oil bottles recycled are not always available as many counties collect and market filters with other metals and bottles with other HDPE plastic bottles and jugs. As a result, the data presented in Table 3.16 does not reflect the full extent of used motor oil filter recycling in South Carolina.

Overall, there are few barriers to recycling used motor oil, used motor oil filters and motor oil bottles. Markets are not an issue. The S.C. Budget and

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

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

TABLE 4.2: Number of DIY Used Motor Oil Collection Sites, FY11 Grant Funding Awarded for DIY Used Motor Oil Recycling Programs and DIY Used Motor Oil Recycled by County

COUNTY/ MUNICIPALITY	NUMBER OF COLLECTION SITES	GRANT FUNDING	GALLONS COLLECTED	COUNTY/ MUNICIPALITY	NUMBER OF COLLECTION SITES	GRANT FUNDING	GALLONS COLLECTED
Abbeville	12	\$12,227	8,104	Lancaster	16	\$13,130	16,335
Aiken	29	\$9,500	46,070	Laurens	13	\$0	11,821
■ City of Aiken	—	\$4,000	—	■ City of Clinton	—	\$4,000	—
Allendale	6	\$6,596	2,363	Lee	10	\$10,275	4,830
Anderson	31	\$27,850	35,019	Lexington	30	\$47,135	96,985
Bamberg	10	\$6,794	3,922	Marion	10	\$6,225	5,160
Barnwell	14	\$16,991	7,927	Marlboro	17	\$5,500	3,796
Beaufort	17	\$10,400	26,024	McCormick	4	\$6,167	3,870
Berkeley	19	\$13,280	48,797	Newberry	18	\$8,855	10,302
Calhoun	10	\$6,096	5,912	Oconee	21	\$11,150	18,432
Charleston	27	\$11,000	42,892	Orangeburg	31	\$8,691	19,647
Cherokee	18	\$8,600	8,277	Pickens	19	\$10,600	37,783
Chester	15	\$5,794	11,333	■ City of Liberty	—	\$23,290	—
Chesterfield	11	\$5,640	8,497	Richland	31	\$12,500	32,499
Clarendon	20	\$5,953	9,950	■ City of Columbia	—	\$6,000	—
Colleton	19	\$8,242	10,083	Saluda	9	\$6,167	9,534
Darlington	20	\$8,000	12,046	Spartanburg	43	\$16,176	64,874
Dillon	15	\$0	7,558	Sumter	21	\$16,275	27,515
Dorchester	21	\$10,900	38,122	■ City of Sumter	—	\$4,000	—
Edgefield	10	\$6,166	13,604	Three Rivers SWA*	—	\$1,000	—
Fairfield	12	\$16,350	8,092	Tri-County SWA**	—	\$1,000	—
Florence	30	\$11,085	25,643	Union	11	\$2,000	5,612
Georgetown	22	\$27,550	18,286	Williamsburg	25	\$13,375	7,918
Greenville	41	\$27,723	57,356	York	38	\$20,620	58,066
Greenwood	14	\$17,340	14,681	■ City of Rock Hill	—	\$7,958	—
Hampton	12	\$11,400	5,944	STATE TOTAL	885	\$603,036	1,001,714
Horry	40	\$31,470	57,178				
Jasper	7	\$5,000	6,363				
Kershaw	16	\$9,000	26,685				

* 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.

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

NOTE: The vast majority of sites listed above are provided by local governments, but the total number (885) includes retail outlets, quick lubes and auto parts stores.

RECYCLING DATA FOR STATE AGENCIES & COLLEGES/UNIVERSITIES

The S.C. Solid Waste Policy and Management Act (Act) was signed into law on May 27, 1991. The Act, which is South Carolina's comprehensive law on solid waste management, set recycling and disposal goals to be achieved at the state level by 2005 through efforts at the local level (i.e., state agencies, publicly funded colleges and universities, counties and businesses).

It also requires county governments to keep track of materials recycled and to report annually to the S.C. Department of Health and Environmental Control's (DHEC) Office of Solid Waste Reduction and Recycling (Office). Section 44-96-140 of the Act was amended on October 3, 2000 requiring state agencies as well as state-supported colleges and universities to:

- submit to DHEC a report detailing their recycling programs; and
- provide a list of products purchased during the previous fiscal year that contain recycled material.

The Office is responsible for compiling and reviewing data from these reports and publishing the "State Agencies/Colleges & Universities Recycling & Buy Recycled Annual Report" by November 1 each year. This report provides information for fiscal year (FY) 2011 reflecting activities from July 1, 2010 through June 30, 2011. In addition to summarizing the data reported, the Act also requires the Office to determine what percentage of state purchases contain recycled material and include this information in the report. Although a statewide tracking system is not in place, the Office asks respondents to report what is purchased (instead of how much). Not surprisingly, many schools and agencies reported buying recycled-content copy paper, toner/inkjet cartridges as well as other paper products.

There are some options available for purchasing officials to buy recycled-content products on state contract. Typically, a state contract is established by the S.C. Budget and Control Board's Materials Management Office when it has been determined

that an item has widespread use throughout the state. Currently, post-consumer recycled-content paper and plastic trash can liners are available on state-term contract.

In FY11, 21,164 tons of material was recycled by state agencies and colleges/universities, which is about a 26 percent increase from the 16,795 tons recycled in FY10. The recycling information was compiled from 69 state agencies as well as 32 colleges and universities. Data regarding the amount of material recycled was received either directly from the state agency that completed a recycling survey or the tonnages were received from one of two programs that serve the various buildings where the agencies are located – including the S.C. Budget and Control Board's General Services or the S.C. Department of Corrections. In addition, both public and private colleges/universities efforts are included in this report, although only state-supported schools are required to provide information.

Again this year, several S.C. colleges and universities participated in RecycleMania, a nationwide competition and benchmarking tool for college and university recycling programs to promote waste reduction activities on campus. During a 10-week period, schools report recycling and disposal data which are then ranked in various categories. In FY11, 14 colleges and universities in South Carolina participated: Charleston School of Law; The Citadel; Clemson University; Coker College; College of Charleston; Erskine College; Furman University; Greenville Technical College; Lander University; Medical University of South Carolina; South Carolina State University; University of South Carolina; Winthrop University; and Wofford University.

Recycling and buying recycled are important issues and have the potential to save money, conserve natural resources and protect the environment. State government and public schools have the opportunity to serve as a model to the private sector as well as the public on how this can be done.

RECYCLING DATA: **STATE AGENCIES**

Sixty-nine state agencies (up two from last year) recycled 9,635 tons of material in FY11 – a 35 percent increase from the 7,161 tons recycled in South Carolina. Forty-six agencies reported directly to DHEC in response to a recycling survey; the other 23 agencies reported through their recycling vendor. Of the total amount recycled, the No. 1 item recycled was mixed metal followed by construction and demolition (C&D) debris. The C&D debris was – in large part – composed of concrete generated by the S.C. Department of Transportation in the demolition of old bridges to prepare for the construction of new bridges. When it comes to buying recycled-content products, of the 39 state agencies that responded, 34 reported purchasing recycled-content copy paper, followed by 32 agencies purchasing recycled-content toner and/or inkjet cartridges.

S.C. State Agencies Reporting for FY11

- Administrative Law Court
- Arts Commission
- Attorney General
- Budget and Control Board
- Commission for the Blind
- Commission on Higher Education
- Commission on Indigent Defense
- Commission on Prosecution Coordination
- Comptroller General
- Criminal Justice Academy
- Department of Agriculture
- Department of Alcohol and Other Drug Abuse Services
- Department of Archives and History
- Department of Commerce
- Department of Consumer Affairs
- Department of Corrections
- Department of Disabilities and Special Needs
- Department of Education
- Department of Health and Environmental Control
- Department of Health and Human Services
- Department of Juvenile Justice
- Department of Labor, Licensing and Regulation
- Department of Mental Health
- Department of Motor Vehicles
- Department of Natural Resources
- Department of Parks, Recreation and Tourism
- Department of Probation, Parole and Pardon Services
- Department of Public Safety
- Department of Revenue
- Department of Social Services
- Department of Transportation
- Education Lottery Commission
- Education Oversight Committee
- Education Television Network
- Emergency Management Division
- Employment and Workforce
- Ethics Commission
- Forestry Commission
- Governor's Mansion
- Governor's Office
- Governor's School for Science and Mathematics
- Higher Education Tuition Grants Commission
- Human Affairs Commission
- Jobs-Economic Development Authority
- Judicial Department
- Legislative Audit Council
- Legislative Council
- Legislative Printing, Information and Technology Systems
- Lt. Governor's Office
- Office of the Adjutant General
- Office of the State Auditor
- Office of the State Treasurer
- Patriots Point Development Authority
- Public Service Commission
- Santee Cooper
- School for the Deaf and Blind
- Sea Grant Consortium
- Second Injury Fund
- Secretary of State
- Senate
- State Accident Fund
- State Board of Technical and Comprehensive Education
- State Housing Finance and Development Authority
- State Law Enforcement Division
- State Library
- State Museum
- State Ports Authority
- Vocational Rehabilitation Department
- Workers' Compensation Commission

More to Know

In addition to the 21,164 tons recycled by colleges/universities and state agencies, Santee Cooper reported recycling 384,144 tons of combustion fly ash and 612,192 tons of gypsum. This material is used in concrete, cement, asphalt and road base stabilization as well as other applications. Bob Jones University reported 6,348 tons of pre-consumer paper from their book bindery that, although recycled, is considered process material and therefore does not count in the state's measured recycling rate.

TABLE 5.1: Commodities Recycled in Tons

COMMODITIES RECYCLED		AMOUNT (tons)
PAPER	Magazines	33.48
	Office paper	1,471.14
	Newspapers and inserts	32.44
	Corrugated cardboard	857.81
	Phone books	14.74
	Paperboard	2.50
	Other/mixed paper	282.50
PLASTIC (Bottles)	#1 PET	9.74
	#2 HDPE	29.23
	#3 Vinyl	1.44
	Other/mixed plastic bottles	28.13
PLASTIC (Film)	#2 HDPE	0.01
	#4 LDPE	0.00
	Other/mixed plastic film	6.54
METAL	Aluminium (cans, foil)	114.85
	Steel cans	182.51
	Other ferrous metals	185.04
	Appliances	0.12
	Other/mixed metal	2,173.68
GLASS (Containers & Packaging)	Brown	0.96
	Clear	4.74
	Green	0.44
	Other/mixed glass	5.34
WOOD	Pallets	245.14
	Furniture and cabinets	7.79
	Other/mixed wood	0.11
YARD TRIMMINGS/ FOOD SCRAPS	Grass clippings	5.85
	Food scraps	0.01
OTHER MATERIALS	Rechargeable batteries	6.45
	Antifreeze	11.29
	Construction & demolition (C&D) debris	1,738.34
	Consumer electronics	26.79
	Cooking oil	5.01
	Fluorescent bulbs	12.80
	Lead-acid batteries	101.75
	Paint (oil or latex)	0.07
	Tires	134.11
	Toner cartridges	12.65
	Used motor oil	556.14
	Used oil filters	26.91
	Other*	1,306.71
TOTAL		9,635.30

RECYCLING DATA: COLLEGES/UNIVERSITIES

Thirty-two colleges and universities (up three from last year) reported recycling 11,529 tons of material – about a 20 percent increase from the 9,634 tons recycled in FY10.

In addition to the list below, two schools – S.C. State University and Columbia College – offer recycling programs but weights were not available. The No. 1 item recycled was C&D debris, followed by grass clippings.

When it comes to buying recycled-content products, 24 colleges and universities reported purchasing recycled-content copy paper, followed by 20 schools purchasing recycled-content toner/inkjet cartridges.

S.C. Colleges & Universities Reporting for FY11

- | | |
|---|--|
| ■ Aiken Technical College | ■ Limestone College |
| ■ Bob Jones University | ■ The Medical University of South Carolina |
| ■ Central Carolina Technical College | ■ Midlands Technical College |
| ■ Charleston Southern University | ■ Northeastern Technical College |
| ■ The Citadel | ■ Orangeburg-Calhoun Technical College |
| ■ Clemson University | ■ Piedmont Technical College |
| ■ Coastal Carolina University | ■ Presbyterian College |
| ■ Coker College | ■ Technical College of the Lowcountry |
| ■ College of Charleston | ■ Trident Technical College |
| ■ Denmark Technical College | ■ The University of South Carolina (USC) |
| ■ Florence-Darlington Technical College | ■ USC – Sumter |
| ■ Francis Marion University | ■ USC – Salkehatchie |
| ■ Furman University | ■ USC – Upstate |
| ■ Greenville Technical College | ■ Williamsburg Technical College |
| ■ Horry-Georgetown Technical College | ■ Winthrop University |
| ■ Lander University | ■ York Technical College |

More to Know

The significant increase in this year's college/university recycling data is due to a change in policy at one school. With a new requirement that certain construction projects meet Leadership in Energy and Environmental Design requirements, Clemson University has a goal that smaller construction projects meet the standard that 75 percent of their C&D debris be recycled, with larger projects having a 50 percent standard. This led to Clemson recycling almost 4,400 tons of C&D debris in FY11 as compared to 96 tons in FY10.

TABLE 5.2: Commodities Recycled in Tons

COMMODITIES RECYCLED		AMOUNT (tons)
PAPER	Magazines	12.65
	Office paper	878.85
	Newspapers and inserts	9.35
	Corrugated cardboard	1,374.22
	Phone books	8.92
	Paperboard	0.00
	Other/mixed paper	803.15
PLASTIC (Bottles)	#1 PET	0.25
	#2 HDPE	5.54
	#3 Vinyl	0.00
	Other/mixed plastic bottles	26.8
PLASTIC (Film)	#2 HDPE	0.00
	#4 LDPE	0.00
	Other/mixed plastic film	3.57
METAL	Aluminium (cans, foil)	17.96
	Steel cans	3.10
	Other ferrous metals	135.06
	Appliances	5.03
	Other/mixed metal	673.32
GLASS (Containers & Packaging)	Brown	0.85
	Clear	0.85
	Green	0.00
	Other/mixed glass	43.25
WOOD	Pallets	112.92
	Furniture and cabinets	18.81
	Other/mixed wood	34.36
YARD TRIMMINGS/FOOD SCRAPS	Grass clippings	1,611.87
	Food scraps	48.27
COMMINGLED RECYCLABLES	Alkaline batteries, ballasts, books, capacitors, carpet, chemicals, medical products and VHS tapes	417.42
OTHER MATERIALS	Rechargeable batteries	3.83
	Antifreeze	2.54
	C&D debris	4,794.68
	Consumer electronics	214.74
	Cooking oil	56.03
	Fluorescent bulbs	26.50
	Lead-acid batteries	12.42
	Paint (oil or latex)	0.71
	Tires	11.95
	Toner cartridges	18.14
	Used motor oil	48.45
	Used oil filters	0.90
	Other*	91.73
TOTAL		11,528.99

* Other includes ballasts, books, carpet, clothing, commingled recyclables and medical products.



THE STATE & COUNTIES AT A GLANCE

South Carolina's municipal solid waste (MSW) recycling rate increased to 27.7 percent in fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011) from 25.5 percent in FY10. In South Carolina, only MSW is used to measure the state's recycling efforts. (See the definition in Section 2.) Overall, the amount of MSW recycled increased about 10 percent from 1,063,521 tons in FY10 to 1,172,768 tons in FY11.

Counties are required to annually report MSW recycling data to DHEC for glass, metal, paper, plastic, banned and miscellaneous items as well as commingled recyclables.

Recycling data also was collected from other sources. These additional recycling tonnages came from tire processors, the state's electronics recycling contractor, used motor oil collectors, state agencies and colleges/universities as well as various businesses and industries. The tonnages were distributed to counties based on population or source.

It is important to note that business and industry reporting is strictly voluntary. The fluctuation in business reporting highlights an issue that continues to impact the state's efforts to accurately measure its recycling rate. In summary, this report, while thoroughly vetted, relies on some voluntary reporting.

TABLE 6.1: S.C. MSW Recycling Rate

FY09	FY10	FY11
22.1%	25.5%	27.7%

TABLE 6.2: S.C. MSW Recycling Tonnages

—	FY11 TONS	+/- IN TONS FROM FY10	CHANGE
State Recycling Effort	1,172,768	+109,247	+10%
Residential Only	413,652	-7,983	-2%

Once collected, the data is placed into one of four categories based on the source of the material: residential; commercial; institutional/non-profit; and industrial packaging. See Section 2 for types and examples of material from each of these sources.

In FY11, four counties – Dorchester, Greenville, Lexington and Pickens – had a recycling rate of 35 percent or greater and a disposal rate of 3.5 pounds or less per person per day (p/p/d).

Twenty-eight additional counties had a disposal rate of 3.5 p/p/d or less. They are Abbeville, Allendale, Anderson, Bamberg, Berkeley, Calhoun, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Edgefield, Hampton, Jasper, Kershaw, Lancaster, Lee, Marion, Marlboro, McCormick, Oconee, Orangeburg, Saluda, Sumter, Union, Williamsburg and York.

See Table 7.10 for a county-by-county comparison of MSW recycling and disposal data.

About this Section ...

This section includes state and county MSW data. These tables reflect recycling amounts for all of the materials within each category. In some cases, zeros do not mean a specific material wasn't collected. Instead the amount may have been placed in a broader category such as mixed glass, metal, paper, plastic or commingled recyclables. In other cases, it is difficult to distinguish between the sectors (residential, commercial etc) and material may be either evenly divided among those sectors or simply placed in one sector. In addition, disposal and generation data is provided as well as the number of curbside programs and drop-off recycling centers.

Because there are differences in how counties define curbside programs, counties were asked to identify curbside programs that met the following criteria: 1) the local government provides recycling as part of its curbside solid waste services; or 2) it contracts solid waste services or has a franchise system that requires the service provider to offer curbside recycling as part of that contract or franchise.

Two counties – Charleston and Richland – offer countywide curbside collection of recyclables to single-family dwellings. For purposes of this report, those programs are each counted as one.

SOUTH CAROLINA

TABLE 6.3: South Carolina's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
4,625,364	652	79	27.7	1.4	3.6	5.0	1,172,768	3,065,806

TABLE 6.4: South Carolina MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	1,547.41	1,764.31	15.34	1.98	3,329.04
Containers and Packaging – Clear	2,528.06	9.43	38.23	323.69	2,899.41
Containers and Packaging – Green	1,948.17	4.17	22.43	0.99	1,975.76
Mixed Glass	4,506.22	0.35	51.30	38.78	4,596.65
TOTAL GLASS	10,529.86	1,778.26	127.30	365.44	12,800.86
METAL					
Aluminum Cans	1,348.91	3,275.75	143.48	251.35	5,019.49
Steel Cans	1,274.41	65.44	1,415.22	131.21	2,886.28
Non-ferrous, Non-magnetic	656.47	7,736.34	437.20	127.40	8,957.41
Ferrous, Magnetic	312.83	239,205.70	331.25	14,475.11	254,324.89
Mixed Scrap Metal	17,240.92	20,143.91	3,715.69	2,789.66	43,890.18
TOTAL METAL	20,833.54	270,427.14	6,042.84	17,774.73	315,078.24
PAPER					
Cardboard	29,328.32	226,747.72	10,365.22	36,229.06	302,670.33
Magazines	99.41	37.72	130.81	125.33	393.27
Newspapers and Inserts	13,094.51	2,804.86	260.33	95.12	16,254.82
Office Paper	4,550.56	6,111.98	3,041.22	8,144.05	21,847.81
Paperboard	704.82	1,950.33	10.53	20.37	2,686.05
Telephone Books	103.23	103.31	62.86	15.48	284.88
Mixed Paper	32,141.14	57,729.13	3,234.97	3,120.63	96,227.87
TOTAL PAPER	80,021.99	295,485.05	17,105.94	47,750.04	440,363.02
PLASTIC					
PET	1,094.00	66.31	42.94	36.84	1,240.09
HDPE	780.83	201.20	303.00	241.25	1,526.28
Commingled PET and HDPE	1,295.06	548.96	238.00	53.31	2,135.33
V – PVC	0.00	39.12	1.37	0.00	40.49
LDPE	0.00	1,125.93	64.45	23.68	1,214.06
PP	0.00	4.00	0.00	0.00	4.00
Mixed Plastic	2,694.53	6,486.38	125.27	2,206.96	11,513.14
TOTAL PLASTIC	5,864.42	8,471.90	775.03	2,562.04	17,673.39
BANNED ITEMS					
Appliances	13,625.17	5,721.50	55.93	12.05	19,414.65
Lead-acid Batteries (car, truck, boat)	548.59	11,309.67	141.33	177.35	12,176.93
Used Motor Oil (from do-it-yourselfers)	3,506.00	0.00	0.00	0.00	3,506.00
Tires (car, truck)	22,982.34	13,648.47	360.34	114.81	37,106.02
Yard Trimmings	209,060.42	11,757.85	1,867.16	5.75	222,691.18
TOTAL BANNED ITEMS	249,722.52	42,437.49	2,424.76	310.02	294,894.79
MISCELLANEOUS ITEMS					
Antifreeze	53.54	347.49	19.76	299.23	720.02
Consumer Electronics	3,913.91	1,195.66	303.66	313.23	5,726.46
Cooking Oil	163.35	3,108.04	154.08	6.05	3,431.52
Fluorescent Bulbs	20.14	37.03	45.86	63.54	166.57
Food Scraps	1,433.47	176.22	48.28	2.00	1,659.97
Hazardous Household Materials	127.29	23.30	0.00	0.00	150.59
Inkjet and Toner Cartridges	6.95	19.47	20.18	27.18	73.77
Mattresses	85.43	13.03	30.21	0.00	128.67
Paint	150.32	7.55	0.78	10.71	169.36
Rechargeable Batteries	50.04	92.10	14.40	28.42	184.96
Textiles	475.44	525.00	92.01	1,312.71	2,405.16
Used Motor Oil Filters	148.48	679.24	37.69	364.02	1,229.43
Wood Packaging	17.72	10,507.58	618.02	12,549.53	23,692.85
Other Wood	267.06	299.50	151.08	800.27	1,517.91
Other Items	77.08	610.50	1,423.40	1,157.26	3,268.24
TOTAL MISCELLANEOUS ITEMS	6,990.23	17,641.70	2,959.40	16,934.13	44,525.46
COMMINGLED RECYCLABLES					
Commingled Recyclables	39,689.71	7,107.48	517.43	117.60	47,432.22
TOTAL COMMINGLED RECYCLABLES	39,689.71	7,107.48	517.43	117.60	47,432.22
TOTAL FOR ALL	413,652.26	643,349.03	29,952.69	85,813.99	1,172,767.90

ABBEVILLE COUNTY

TABLE 6.5: Abbeville County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
25,417	11	1	13.4	0.3	2.1	2.4	1,488	9,608

TABLE 6.6: Abbeville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	3.82	0.00	0.96	0.00	4.78
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	2.00	0.00	0.00	2.00
Ferrous, Magnetic	0.00	15.00	2.63	16.80	34.43
Mixed Scrap Metal	251.05	0.00	3.42	0.00	254.47
TOTAL METAL	254.87	17.00	7.01	16.80	295.68
PAPER					
Cardboard	130.21	276.02	1.57	67.26	475.06
Magazines	0.00	0.00	0.15	0.00	0.15
Newspapers and Inserts	0.00	0.00	0.13	0.00	0.13
Office Paper	0.00	0.00	1.81	2.80	4.61
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	130.76	0.74	0.44	0.00	131.94
TOTAL PAPER	260.97	276.76	4.14	70.06	611.99
PLASTIC					
PET	12.33	0.00	0.21	0.00	12.54
HDPE	14.45	0.00	0.03	0.00	14.48
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	5.25	0.21	36.80	42.26
TOTAL PLASTIC	26.78	5.25	0.48	36.80	69.31
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	3.16	0.00	2.71	0.10	5.97
Used Motor Oil (from do-it-yourselfers)	28.00	0.00	0.00	0.00	28.00
Tires (car, truck)	238.41	29.62	1.07	0.00	269.10
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	269.57	29.62	3.87	0.10	303.16
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	79.37	5.64	0.00	1.40	86.41
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.10	1.00	1.10
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.00	0.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.26	0.00	0.01	0.00	0.27
Textiles	0.00	0.00	0.00	45.00	45.00
Used Motor Oil Filters	1.48	0.00	0.35	0.00	1.83
Wood Packaging	0.00	0.00	0.03	42.50	42.53
Other Wood	0.00	0.00	0.01	29.90	29.91
Other Items	0.00	0.00	0.43	0.10	0.53
TOTAL MISCELLANEOUS ITEMS	81.11	5.64	1.40	119.90	208.05
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	893.30	334.27	17.06	243.66	1,488.29

AIKEN COUNTY

TABLE 6.7: Aiken County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
160,099	12	3	12.4	0.6	4.1	4.7	16,882	119,761

TABLE 6.8: Aiken County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	24.02	0.00	0.04	0.00	24.06
Containers and Packaging – Clear	49.16	0.00	0.07	0.00	49.23
Containers and Packaging – Green	76.31	0.00	0.02	0.00	76.33
Mixed Glass	0.00	0.00	0.19	0.00	0.19
TOTAL GLASS	149.49	0.00	0.32	0.00	149.81
METAL					
Aluminum Cans	24.96	0.42	0.94	0.80	27.12
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	0.38	0.00	0.40	0.78
Ferrous, Magnetic	0.00	0.00	2.73	346.93	349.66
Mixed Scrap Metal	1,257.15	5.78	12.05	1,469.50	2,744.48
TOTAL METAL	1,282.11	6.58	25.06	1,817.63	3,131.08
PAPER					
Cardboard	1,537.24	4,750.56	34.83	208.49	6,531.12
Magazines	0.00	0.00	0.19	0.00	0.19
Newspapers and Inserts	1,195.68	0.00	0.25	0.00	1,195.93
Office Paper	160.74	1.42	22.05	2.35	186.56
Paperboard	0.00	0.00	0.02	0.00	0.02
Telephone Books	0.00	0.00	0.09	0.00	0.09
Mixed Paper	723.58	7.99	0.45	1,124.42	1,856.44
TOTAL PAPER	3,617.24	4,759.97	57.88	1,335.26	9,770.35
PLASTIC					
PET	63.24	0.31	0.39	0.00	63.94
HDPE	38.16	1.05	1.46	0.00	40.67
Commingle PET and HDPE	0.00	0.00	0.03	0.00	0.03
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	41.73	0.00	0.00	41.73
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	34.91	49.41	0.37	89.25	173.94
TOTAL PLASTIC	136.31	92.50	2.31	89.25	320.67
BANNED ITEMS					
Appliances	0.00	52.54	0.00	0.00	52.54
Lead-acid Batteries (car, truck, boat)	24.25	1,255.57	1.17	67.11	1,348.10
Used Motor Oil (from do-it-yourselfers)	161.00	0.00	0.00	0.00	161.00
Tires (car, truck)	271.28	186.32	2.46	0.00	460.06
Yard Trimmings	0.00	0.00	0.18	0.00	0.18
TOTAL BANNED ITEMS	456.53	1,494.43	3.81	67.11	2,021.88
MISCELLANEOUS ITEMS					
Antifreeze	9.27	0.00	0.14	4.20	13.61
Consumer Electronics	105.68	35.50	11.16	72.69	225.03
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	4.82	0.23	0.02	5.55	10.62
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	3.80	0.00	0.00	0.00	3.80
Inkjet and Toner Cartridges	0.00	0.00	0.17	9.12	9.29
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.07	0.00	0.07
Rechargeable Batteries	1.62	0.27	0.00	0.75	2.64
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	7.93	11.75	0.28	0.00	19.96
Wood Packaging	0.00	250.95	13.76	808.00	1,072.71
Other Wood	0.00	0.00	0.13	125.92	126.05
Other Items	0.02	2.64	1.87	0.00	4.53
TOTAL MISCELLANEOUS ITEMS	133.14	301.34	27.60	1,026.22	1,488.31
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	5,774.82	6,654.82	116.98	4,335.47	16,882.09

ALLENDALE COUNTY

TABLE 6.9: Allendale County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
10,419	5	0	4.7	0.2	3.2	3.4	298	6,085

TABLE 6.10: Allendale County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	1.13	0.00	0.00	0.00	1.13
Mixed Glass	3.41	0.00	0.00	0.00	3.41
TOTAL GLASS	4.54	0.00	0.00	0.00	4.54
METAL					
Aluminum Cans	0.00	0.00	1.50	0.00	1.50
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.61	0.00	2.61
Mixed Scrap Metal	17.85	0.00	2.68	0.00	20.53
TOTAL METAL	17.85	0.00	16.13	0.00	33.98
PAPER					
Cardboard	0.00	32.66	29.24	0.00	61.90
Magazines	0.00	0.00	0.07	0.00	0.07
Newspapers and Inserts	0.00	0.00	0.07	0.00	0.07
Office Paper	0.00	0.00	6.93	0.00	6.93
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.05	0.00	0.05
Mixed Paper	5.20	0.00	0.43	0.00	5.63
TOTAL PAPER	5.20	32.66	36.79	0.00	74.65
PLASTIC					
PET	0.00	0.00	0.05	0.00	0.05
HDPE	0.00	0.00	1.39	0.00	1.39
Commingle PET and HDPE	13.04	0.00	0.00	0.00	13.04
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.00	0.00	0.00
TOTAL PLASTIC	13.04	0.00	1.44	0.00	14.48
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.00	0.00	0.79	0.00	0.79
Used Motor Oil (from do-it-yourselfers)	8.00	0.00	0.00	0.00	8.00
Tires (car, truck)	112.13	12.39	2.46	0.00	126.98
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	120.13	12.39	3.25	0.00	135.77
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	19.34	2.36	0.00	0.00	21.70
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.00	0.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.11	0.00	0.00	0.00	0.11
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.28	0.00	0.28
Wood Packaging	0.00	0.00	12.56	0.00	12.56
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.12	0.00	0.12
TOTAL MISCELLANEOUS ITEMS	19.45	2.36	13.16	0.00	34.97
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	180.21	47.41	70.77	0.00	298.39

ANDERSON COUNTY

TABLE 6.11: Anderson County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
187,126	18	3	13.1	0.5	3.4	3.9	17,255	114,440

TABLE 6.12: Anderson County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.71	0.00	0.71
Containers and Packaging – Green	0.00	0.72	0.03	0.00	0.75
Mixed Glass	398.67	0.00	0.12	0.00	398.79
TOTAL GLASS	398.67	0.72	0.88	0.00	400.27
METAL					
Aluminum Cans	24.77	62.96	1.92	60.45	150.10
Steel Cans	0.00	0.06	9.60	12.00	21.66
Non-ferrous, Non-magnetic	0.00	1.54	0.00	5.00	6.54
Ferrous, Magnetic	0.00	1.00	2.63	33.65	37.28
Mixed Scrap Metal	1,128.98	15.78	405.64	74.60	1,625.00
TOTAL METAL	1,153.75	81.34	419.79	185.70	1,840.58
PAPER					
Cardboard	413.56	5,296.85	61.55	2,335.75	8,107.71
Magazines	0.00	2.03	6.88	0.15	9.06
Newspapers and Inserts	0.00	3.95	16.72	0.10	20.77
Office Paper	0.00	58.04	47.39	89.48	194.91
Paperboard	0.00	0.02	3.73	0.02	3.77
Telephone Books	0.00	1.44	1.13	0.34	2.91
Mixed Paper	990.70	91.51	330.36	145.45	1,558.02
TOTAL PAPER	1,404.26	5,453.84	467.76	2,571.27	9,897.14
PLASTIC					
PET	0.00	13.07	0.23	0.83	14.13
HDPE	0.00	2.08	1.44	0.65	4.17
Commingle PET and HDPE	38.55	0.00	0.00	0.00	38.55
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	34.33	0.00	7.13	41.46
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	64.37	2.83	111.87	179.07
TOTAL PLASTIC	38.55	113.85	4.53	120.47	277.40
BANNED ITEMS					
Appliances	0.00	54.44	0.00	0.00	54.44
Lead-acid Batteries (car, truck, boat)	3.18	617.39	1.79	34.15	656.51
Used Motor Oil (from do-it-yourselfers)	123.00	0.00	0.00	0.00	123.00
Tires (car, truck)	615.28	352.30	6.49	0.00	974.07
Yard Trimmings	76.00	0.00	0.09	0.00	76.09
TOTAL BANNED ITEMS	817.46	1,024.13	8.37	34.15	1,884.11
MISCELLANEOUS ITEMS					
Antifreeze	0.00	1.36	0.14	0.00	1.50
Consumer Electronics	9.87	41.55	1.21	5.59	58.22
Cooking Oil	0.00	1.98	0.00	0.00	1.98
Fluorescent Bulbs	0.00	0.23	0.91	4.17	5.31
Food Scraps	0.00	0.00	0.01	0.00	0.01
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.59	0.04	0.33	0.96
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	2.43	2.43
Rechargeable Batteries	1.89	0.25	5.41	1.99	9.54
Textiles	0.00	0.00	0.00	150.01	150.01
Used Motor Oil Filters	0.00	8.20	2.57	0.01	10.78
Wood Packaging	0.00	449.39	12.76	201.87	664.02
Other Wood	0.00	0.00	0.00	180.01	180.02
Other Items	0.02	3.97	304.61	0.90	309.50
TOTAL MISCELLANEOUS ITEMS	11.78	507.52	327.67	547.29	1,394.26
COMMINGLED RECYCLABLES					
Commingle Recyclables	1,486.74	72.20	0.00	2.40	1,561.34
TOTAL COMMINGLED RECYCLABLES	1,486.74	72.20	0.00	2.40	1,561.34
TOTAL FOR ALL	5,311.21	7,253.60	1,229.00	3,461.29	17,255.10

BAMBERG COUNTY

TABLE 6.13: Bamberg County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
15,987	8	0	8.2	0.3	3.2	3.5	844	9,442

TABLE 6.14: Bamberg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	0.00	0.00	0.59	0.00	0.59
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	0.00	0.00	2.94	0.00	2.94
TOTAL METAL	0.00	0.00	6.16	0.00	6.16
PAPER					
Cardboard	91.68	72.45	1.12	0.00	165.25
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	0.00	0.00	0.10	0.00	0.10
Office Paper	0.00	0.00	0.52	0.00	0.52
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	0.00	0.00	0.44	0.00	0.44
TOTAL PAPER	91.68	72.45	2.31	0.00	166.44
PLASTIC					
PET	0.00	0.00	0.21	0.00	0.21
HDPE	5.82	0.00	0.03	0.00	5.85
Commingle PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.18	0.00	0.18
TOTAL PLASTIC	5.82	0.00	0.45	0.00	6.27
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.75	0.00	0.17	0.00	0.92
Used Motor Oil (from do-it-yourselfers)	14.00	0.00	0.00	0.00	14.00
Tires (car, truck)	207.92	18.85	0.73	0.00	227.50
Yard Trimmings	405.49	0.00	0.09	0.00	405.58
TOTAL BANNED ITEMS	628.16	18.85	0.99	0.00	648.00
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	12.70	3.59	0.00	0.00	16.29
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.16	0.00	0.00	0.00	0.16
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.28	0.00	0.28
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.12	0.00	0.12	0.00	0.24
TOTAL MISCELLANEOUS ITEMS	12.98	3.59	0.62	0.00	17.19
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	738.64	94.89	10.69	0.00	844.22

BARNWELL COUNTY

TABLE 6.15: Barnwell County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
22,621	9	0	8.8	0.3	3.6	3.9	1,434	14,809

TABLE 6.16: Barnwell County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	5.97	0.00	0.02	0.00	5.99
Containers and Packaging – Clear	14.00	0.00	0.03	0.00	14.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	19.97	0.00	0.16	0.00	20.13
METAL					
Aluminum Cans	2.20	0.12	0.59	0.00	2.91
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	174.33	0.00	2.94	0.00	177.27
TOTAL METAL	176.53	0.12	6.16	0.00	182.81
PAPER					
Cardboard	260.00	557.23	1.12	0.00	818.35
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	0.00	0.00	0.10	0.00	0.10
Office Paper	0.00	0.46	0.52	0.00	0.98
Paperboard	0.00	0.00	0.01	0.00	0.00
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	97.02	0.58	0.44	0.00	98.04
TOTAL PAPER	357.02	558.27	2.31	0.00	917.60
PLASTIC					
PET	0.00	0.09	0.21	0.00	0.30
HDPE	0.00	0.25	0.03	0.00	0.28
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	10.19	0.00	0.00	10.19
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	40.55	2.07	0.18	0.00	42.80
TOTAL PLASTIC	40.55	12.60	0.45	0.00	53.60
BANNED ITEMS					
Appliances	2.34	0.00	0.00	0.00	2.34
Lead-acid Batteries (car, truck, boat)	1.72	32.87	0.17	0.00	34.76
Used Motor Oil (from do-it-yourselfers)	28.00	0.00	0.00	0.00	28.00
Tires (car, truck)	115.36	26.39	0.73	0.00	142.48
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	147.42	59.26	0.99	0.00	207.67
MISCELLANEOUS ITEMS					
Antifreeze	0.88	0.00	0.14	0.00	1.02
Consumer Electronics	42.41	5.03	0.00	0.00	47.44
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.23	0.00	0.00	0.00	0.23
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.65	0.00	0.28	0.00	2.93
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	0.69	0.12	0.00	0.81
TOTAL MISCELLANEOUS ITEMS	46.17	5.72	0.62	0.00	52.51
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	787.66	635.97	10.69	0.00	1,434.32

BEAUFORT COUNTY

TABLE 6.17: Beaufort County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
162,233	12	3	23.7	1.3	4.2	5.5	38,779	124,727

TABLE 6.18: Beaufort County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	219.56	0.00	0.02	0.00	219.58
Containers and Packaging – Clear	548.90	0.00	0.03	0.00	548.93
Containers and Packaging – Green	330.50	0.00	0.01	0.00	330.51
Mixed Glass	0.00	0.00	2.61	0.00	2.61
TOTAL GLASS	1,098.96	0.00	2.67	0.00	1,101.63
METAL					
Aluminum Cans	124.25	204.73	2.59	0.00	331.57
Steel Cans	13.65	0.00	61.84	0.00	75.49
Non-ferrous, Non-magnetic	0.00	300.83	0.00	0.00	300.83
Ferrous, Magnetic	0.00	5,033.62	2.63	0.00	5,036.25
Mixed Scrap Metal	0.00	958.11	690.35	0.00	1,648.46
TOTAL METAL	137.90	6,497.29	757.41	0.00	7,392.60
PAPER					
Cardboard	1,488.68	4,528.24	1,096.73	0.00	7,113.65
Magazines	0.00	10.00	1.09	0.00	11.09
Newspapers and Inserts	855.00	366.00	13.20	0.00	1,234.20
Office Paper	5.00	744.58	134.07	0.00	883.65
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.56	0.00	0.56
Mixed Paper	900.55	527.34	132.05	0.00	1,559.94
TOTAL PAPER	3,249.23	6,176.16	1,377.71	0.00	10,803.10
PLASTIC					
PET	0.00	0.02	0.21	0.00	0.23
HDPE	0.00	0.02	0.03	0.00	0.05
Commingle PET and HDPE	316.22	0.00	0.00	0.00	316.22
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	1.73	0.00	0.00	1.73
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	79.12	10.50	0.00	89.62
TOTAL PLASTIC	316.22	80.89	10.77	0.00	407.88
BANNED ITEMS					
Appliances	1,334.00	3,452.71	0.00	0.00	4,786.71
Lead-acid Batteries (car, truck, boat)	0.00	260.72	21.07	0.00	281.79
Used Motor Oil (from do-it-yourselfers)	91.00	0.00	0.00	0.00	91.00
Tires (car, truck)	206.92	928.38	28.89	0.00	1,164.19
Yard Trimmings	4,085.00	3,647.76	150.09	0.00	7,882.85
TOTAL BANNED ITEMS	5,716.92	8,289.57	200.05	0.00	14,206.54
MISCELLANEOUS ITEMS					
Antifreeze	1.00	5.39	5.91	0.00	12.30
Consumer Electronics	39.13	105.01	12.25	0.00	156.39
Cooking Oil	0.00	473.01	19.89	0.00	492.90
Fluorescent Bulbs	0.50	0.36	5.01	0.00	5.87
Food Scraps	0.00	146.35	0.00	0.00	146.35
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.10	4.60	0.00	4.70
Mattresses	0.00	0.00	30.21	0.00	30.21
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.64	0.46	1.73	0.00	3.83
Textiles	141.40	0.00	43.25	0.00	184.65
Used Motor Oil Filters	4.36	22.85	1.35	0.00	28.56
Wood Packaging	0.00	495.84	152.49	0.00	648.33
Other Wood	0.00	0.00	1.01	0.00	1.01
Other Items	15.52	4.05	60.48	0.00	80.05
TOTAL MISCELLANEOUS ITEMS	203.55	1,253.42	338.17	0.00	1,795.14
COMMINGLED RECYCLABLES					
Commingle Recyclables	3,022.55	49.39	0.00	0.00	3,071.94
TOTAL COMMINGLED RECYCLABLES	3,022.55	49.39	0.00	0.00	3,071.94
TOTAL FOR ALL	13,745.33	22,346.72	2,686.78	0.00	38,778.83

BERKELEY COUNTY

TABLE 6.19: Berkeley County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
177,843	22	2	12.6	0.4	2.9	3.3	13,662	94,828

TABLE 6.20: Berkeley County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.65	0.00	0.65
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.02	3.00	3.02
TOTAL GLASS	0.00	0.00	0.67	3.00	3.67
METAL					
Aluminum Cans	0.00	156.39	1.96	43.85	202.20
Steel Cans	0.00	0.00	0.24	30.00	30.24
Non-ferrous, Non-magnetic	0.00	1.13	0.00	0.60	1.73
Ferrous, Magnetic	0.00	20.00	2.61	3.50	26.11
Mixed Scrap Metal	0.00	93.39	405.80	63.06	562.25
TOTAL METAL	0.00	270.91	410.61	141.01	822.53
PAPER					
Cardboard	0.00	4,719.32	16.50	158.70	4,894.52
Magazines	0.00	0.00	4.65	0.00	4.65
Newspapers and Inserts	0.00	1.00	4.65	0.00	5.65
Office Paper	0.00	7.29	28.91	13.80	50.00
Paperboard	0.00	1.00	0.00	0.00	1.00
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	0.00	7.72	8.42	3.76	19.90
TOTAL PAPER	0.00	4,736.33	63.20	176.26	4,975.79
PLASTIC					
PET	0.00	1.02	0.05	1.50	2.57
HDPE	0.00	1.99	0.01	7.00	9.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	54.40	0.00	0.00	54.40
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	120.27	2.64	56.35	179.26
TOTAL PLASTIC	0.00	177.68	2.70	64.85	245.23
BANNED ITEMS					
Appliances	0.00	31.52	0.00	0.00	31.52
Lead-acid Batteries (car, truck, boat)	17.50	143.75	3.66	10.43	175.34
Used Motor Oil (from do-it-yourselfers)	171.00	0.00	0.00	0.00	171.00
Tires (car, truck)	584.00	245.78	5.10	12.81	847.69
Yard Trimmings	1,415.00	0.00	0.00	0.00	1,415.00
TOTAL BANNED ITEMS	2,187.50	421.05	8.76	23.24	2,640.55
MISCELLANEOUS ITEMS					
Antifreeze	0.00	9.06	0.26	0.00	9.32
Consumer Electronics	8.42	50.04	0.43	14.90	73.79
Cooking Oil	0.00	0.00	0.17	3.80	3.97
Fluorescent Bulbs	0.00	3.12	0.93	4.40	8.45
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.50	0.54
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	1.40	0.00	6.50	7.90
Rechargeable Batteries	1.79	0.39	0.01	0.53	2.72
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.45	45.06	2.64	43.43	94.58
Wood Packaging	0.00	385.28	0.03	330.08	715.39
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.02	25.06	0.43	156.00	181.51
TOTAL MISCELLANEOUS ITEMS	13.68	519.41	4.94	560.13	1,098.16
COMMINGLED RECYCLABLES					
Commingled Recyclables	2,312.16	1,564.00	0.00	0.00	3,876.16
TOTAL COMMINGLED RECYCLABLES	2,312.16	1,564.00	0.00	0.00	3,876.16
TOTAL FOR ALL	4,513.34	7,689.38	490.88	968.49	13,662.09

CALHOUN COUNTY

TABLE 6.21: Calhoun County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
15,175	10	0	7.6	0.2	3.0	3.2	676	8,184

TABLE 6.22: Calhoun County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00	0.00
METAL					
Aluminum Cans	2.00	0.00	0.42	0.00	2.42
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.61	0.00	2.61
Mixed Scrap Metal	44.00	0.00	2.68	0.00	46.68
TOTAL METAL	46.00	0.00	5.71	0.00	51.71
PAPER					
Cardboard	73.45	98.57	1.01	208.00	381.03
Magazines	0.00	0.00	0.07	0.00	0.07
Newspapers and Inserts	0.00	0.00	0.07	0.00	0.07
Office Paper	0.00	0.00	0.43	3.62	4.05
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	0.00	0.00	0.43	0.00	0.43
TOTAL PAPER	73.45	98.57	2.04	211.62	385.68
PLASTIC					
PET	0.00	0.00	0.05	0.00	0.05
HDPE	1.94	0.00	0.01	12.00	13.95
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	0.00	24.07	24.07
TOTAL PLASTIC	1.94	0.00	0.06	36.07	38.07
BANNED ITEMS					
Appliances	14.15	0.00	0.00	0.00	14.15
Lead-acid Batteries (car, truck, boat)	1.00	0.00	0.17	1.42	2.59
Used Motor Oil (from do-it-yourselfers)	21.00	0.00	0.00	0.00	21.00
Tires (car, truck)	88.37	17.77	0.73	0.95	107.82
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	124.52	17.77	0.90	2.37	145.56
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	10.19	3.39	0.00	35.99	49.57
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	2.34	2.36
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.68	0.70
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.15	0.00	0.00	0.00	0.15
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.89	0.00	0.28	0.00	1.17
Wood Packaging	0.00	0.00	0.03	1.05	1.08
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.12	0.02	0.14
TOTAL MISCELLANEOUS ITEMS	11.23	3.39	0.61	40.08	55.31
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	257.14	119.73	9.32	290.14	676.33

CHARLESTON COUNTY

TABLE 6.23: Charleston County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
350,209	54	1	32.1	2.1	4.3	6.4	131,391	277,330

TABLE 6.24: Charleston County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.04	0.00	0.04
Containers and Packaging – Clear	0.00	0.00	0.06	0.00	0.06
Containers and Packaging – Green	0.00	0.00	0.02	0.00	0.02
Mixed Glass	204.33	0.00	0.34	0.00	204.67
TOTAL GLASS	204.33	0.00	0.46	0.00	204.79
METAL					
Aluminum Cans	0.00	37.65	16.23	1.12	55.00
Steel Cans	0.00	0.00	9.58	45.40	54.98
Non-ferrous, Non-magnetic	0.00	119.60	0.00	6.00	125.60
Ferrous, Magnetic	0.00	32,004.85	68.09	2,800.00	34,872.94
Mixed Scrap Metal	0.00	90.12	250.01	0.00	340.13
TOTAL METAL	0.00	32,252.22	343.91	2,852.52	35,448.65
PAPER					
Cardboard	2,009.76	16,733.87	826.13	86.44	19,656.20
Magazines	0.00	0.00	0.27	0.00	0.27
Newspapers and Inserts	0.00	65.00	0.18	0.00	65.18
Office Paper	18.35	6.13	536.16	29.04	589.67
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	5.16	2.00	7.16
Mixed Paper	9,546.29	83.09	276.00	0.00	9,905.38
TOTAL PAPER	11,574.40	16,888.09	1,643.90	117.48	30,223.87
PLASTIC					
PET	0.00	1.35	0.36	0.00	1.71
HDPE	0.00	2.92	6.51	2.94	12.37
Commingle PET and HDPE	0.00	0.00	161.64	0.00	161.64
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	73.46	0.00	0.00	73.46
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	300.89	2.36	18.52	321.77
TOTAL PLASTIC	0.00	378.62	170.93	21.46	571.01
BANNED ITEMS					
Appliances	521.89	1,010.78	1.50	0.00	1,534.17
Lead-acid Batteries (car, truck, boat)	35.22	1,347.94	19.68	5.18	1,408.02
Used Motor Oil (from do-it-yourselfers)	150.00	0.00	0.00	0.00	150.00
Tires (car, truck)	1,809.33	714.93	53.17	0.00	2,577.43
Yard Trimmings	45,058.00	0.00	215.13	0.00	45,273.13
TOTAL BANNED ITEMS	47,574.44	3,073.65	289.49	5.18	50,942.75
MISCELLANEOUS ITEMS					
Antifreeze	3.20	50.90	0.94	0.00	55.04
Consumer Electronics	361.11	78.46	37.72	1.00	478.29
Cooking Oil	0.00	0.00	41.91	0.00	41.91
Fluorescent Bulbs	0.40	3.44	6.11	1.84	11.79
Food Scraps	1,336.60	0.00	0.00	0.00	1,336.60
Hazardous Household Materials	12.40	0.00	0.00	0.00	12.40
Inkjet and Toner Cartridges	0.00	0.00	2.03	1.04	3.07
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	72.72	0.00	0.12	0.00	72.84
Rechargeable Batteries	4.17	0.51	2.57	4.18	11.43
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	101.57	2.27	0.00	103.84
Wood Packaging	0.00	806.02	75.36	211.57	1,092.95
Other Wood	0.00	0.00	5.32	0.00	5.32
Other Items	0.05	13.49	97.33	2.42	113.29
TOTAL MISCELLANEOUS ITEMS	1,790.65	1,054.39	271.68	222.05	3,338.77
COMMINGLED RECYCLABLES					
Commingle Recyclables	10,342.39	173.76	144.96	0.00	10,661.11
TOTAL COMMINGLED RECYCLABLES	10,342.39	173.76	144.96	0.00	10,661.11
TOTAL FOR ALL	71,486.21	53,820.73	2,865.32	3,218.68	131,390.95

CHEROKEE COUNTY

TABLE 6.25: Cherokee County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
55,342	8	7	10.9	0.8	6.8	7.6	8,390	68,611

TABLE 6.26: Cherokee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	11.60	5.80	5.80	0.00	23.20
Containers and Packaging – Clear	15.60	7.80	7.80	0.00	31.20
Containers and Packaging – Green	6.40	3.20	3.20	0.00	12.80
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	33.60	16.80	16.80	0.00	67.20
METAL					
Aluminum Cans	1.10	1.17	1.86	3.22	7.35
Steel Cans	13.60	6.80	6.80	0.00	27.20
Non-ferrous, Non-magnetic	0.00	0.16	0.00	0.00	0.16
Ferrous, Magnetic	0.00	0.00	2.61	0.00	2.61
Mixed Scrap Metal	50.80	53.19	53.96	55.48	213.43
TOTAL METAL	65.50	61.32	65.23	58.70	250.75
PAPER					
Cardboard	119.40	894.32	121.89	2,072.29	3,207.90
Magazines	0.00	0.00	0.07	0.00	0.07
Newspapers and Inserts	0.00	0.00	1.07	0.00	1.07
Office Paper	0.00	0.07	5.40	53.31	58.78
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.04	0.00	0.04
Mixed Paper	173.54	168.07	167.67	31.49	540.77
TOTAL PAPER	292.94	1,062.46	296.14	2,157.09	3,808.63
PLASTIC					
PET	0.00	0.06	0.05	0.00	0.11
HDPE	0.00	0.22	0.01	0.00	0.23
Commingled PET and HDPE	0.00	0.00	0.00	6.00	6.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	7.56	0.00	0.00	7.56
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	39.89	39.59	30.20	231.45	341.13
TOTAL PLASTIC	39.89	47.43	30.26	237.45	355.03
BANNED ITEMS					
Appliances	50.80	72.72	50.80	0.00	174.32
Lead-acid Batteries (car, truck, boat)	1.00	77.60	3.66	0.00	82.26
Used Motor Oil (from do-it-yourselfers)	29.00	0.00	0.00	0.00	29.00
Tires (car, truck)	691.20	286.40	173.97	0.00	1,151.47
Yard Trimmings	889.00	0.00	0.00	0.00	889.00
TOTAL BANNED ITEMS	1,661.00	436.72	228.33	0.00	2,326.05
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	2.50	22.51	0.00	35.98	60.99
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	1.80	0.05	0.52	2.37
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.80	0.05	0.19	1.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.09	0.00	0.01	0.01	1.11
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.20	5.48	1.45	0.12	9.25
Wood Packaging	0.00	94.50	0.03	1,388.10	1,482.63
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	22.31	0.51	0.43	1.20	24.45
TOTAL MISCELLANEOUS ITEMS	28.10	125.60	2.45	1,426.12	1,582.27
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,121.03	1,750.33	639.21	3,879.36	8,389.93

CHESTER COUNTY

TABLE 6.27: Chester County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
33,140	13	1	9.0	0.3	3.1	3.4	1,861	18,897

TABLE 6.28: Chester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	8.33	0.01	0.02	0.00	8.36
Containers and Packaging – Clear	29.30	0.00	0.03	0.00	29.33
Containers and Packaging – Green	2.22	0.00	0.01	0.00	2.23
Mixed Glass	26.80	0.00	0.10	0.00	26.90
TOTAL GLASS	66.65	0.01	0.16	0.00	66.82
METAL					
Aluminum Cans	5.40	0.16	0.84	0.02	6.42
Steel Cans	5.56	26.69	0.00	0.00	32.25
Non-ferrous, Non-magnetic	0.00	0.25	0.00	0.00	0.25
Ferrous, Magnetic	0.00	1.82	2.63	87.20	91.65
Mixed Scrap Metal	79.32	0.00	2.94	0.00	82.26
TOTAL METAL	90.28	28.92	6.41	87.22	212.83
PAPER					
Cardboard	425.03	475.73	1.12	0.00	901.88
Magazines	0.00	0.00	1.09	0.00	1.09
Newspapers and Inserts	146.31	0.00	0.10	0.00	146.41
Office Paper	0.00	0.80	1.52	0.00	2.32
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.75	0.00	0.28	0.00	1.03
Mixed Paper	0.00	2.74	1.44	0.00	4.18
TOTAL PAPER	572.09	479.27	5.56	0.00	1,056.92
PLASTIC					
PETE (1)	0.00	0.19	0.21	0.00	0.40
HDPE (2)	0.00	0.29	0.03	0.00	0.32
Commingled #1 and #2	86.89	0.00	0.00	0.00	86.89
V (3) – Vinyl or PVC	0.00	0.00	0.03	0.00	0.03
LDPE (4)	0.00	5.91	0.00	0.00	5.91
PP (5)	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	13.84	0.18	9.68	23.70
TOTAL PLASTIC	86.89	20.23	0.45	9.68	117.25
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	2.36	8.40	0.17	0.18	11.11
Used Motor Oil (from do-it-yourselfers)	40.00	0.00	0.00	0.00	40.00
Tires (car, truck)	90.53	38.77	0.73	0.00	130.03
Yard Trimmings	149.00	0.00	0.09	0.00	149.09
TOTAL BANNED ITEMS	281.89	47.17	0.99	0.18	330.23
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	5.50	7.39	0.00	0.63	13.52
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.51	0.53
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.04	0.02	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.34	0.03	0.00	0.00	0.37
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.18	0.00	0.28	0.00	1.46
Wood Packaging	0.00	17.71	0.03	9.71	27.45
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	0.71	0.12	1.13	1.96
TOTAL MISCELLANEOUS ITEMS	7.02	25.88	0.62	11.98	45.50
COMMINGLED RECYCLABLES					
Commingled Recyclables	31.17	0.00	0.00	0.00	31.17
TOTAL COMMINGLED RECYCLABLES	31.17	0.00	0.00	0.00	31.17
TOTAL FOR ALL	1,135.99	601.48	14.19	109.05	1,860.71

CHESTERFIELD COUNTY

TABLE 6.29: Chesterfield County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
46,734	7	1	12.2	0.3	1.8	2.1	2,158	15,490

TABLE 6.30: Chesterfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.04	0.00	0.04
Containers and Packaging – Clear	0.00	0.00	0.06	0.00	0.06
Containers and Packaging – Green	0.00	0.00	0.02	0.00	0.02
Mixed Glass	0.00	0.00	0.19	0.00	0.19
TOTAL GLASS	0.00	0.00	0.31	0.00	0.31
METAL					
Aluminum Cans	0.00	0.22	1.63	4.10	5.95
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.16	0.00	0.00	0.16
Ferrous, Magnetic	0.00	0.00	2.66	22.50	25.16
Mixed Scrap Metal	114.61	0.00	4.16	0.00	118.77
TOTAL METAL	114.61	0.38	8.45	26.60	150.04
PAPER					
Cardboard	0.00	1,136.12	4.73	81.94	1,222.79
Magazines	0.00	0.00	0.10	0.00	0.10
Newspapers and Inserts	0.00	0.00	1.21	0.00	1.21
Office Paper	0.00	2.31	7.74	0.00	10.05
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.03	0.06
Mixed Paper	0.00	1.36	0.45	0.00	1.81
TOTAL PAPER	0.00	1,139.79	14.27	81.97	1,236.03
PLASTIC					
PET	0.00	0.40	0.36	0.13	0.89
HDPE	0.00	1.43	0.06	0.00	1.49
Commingle PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	24.20	0.00	0.58	24.78
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	14.64	0.37	0.00	15.01
TOTAL PLASTIC	0.00	40.67	0.85	0.71	42.23
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	3.00	19.70	5.15	0.03	27.88
Used Motor Oil (from do-it-yourselfers)	30.00	0.00	0.00	0.00	30.00
Tires (car, truck)	300.00	91.05	1.42	0.00	392.47
Yard Trimmings	0.00	0.00	0.18	0.00	0.18
TOTAL BANNED ITEMS	333.00	110.75	6.75	0.03	450.53
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.38	0.00	0.38
Consumer Electronics	0.00	10.36	1.20	0.00	11.56
Cooking Oil	0.00	0.00	0.34	0.00	0.34
Fluorescent Bulbs	0.00	0.00	0.08	1.80	1.88
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.05	0.00	0.05
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.47	0.00	0.02	0.00	0.49
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.00	1.13	0.42	0.00	2.55
Wood Packaging	0.00	0.00	0.03	25.00	25.03
Other Wood	0.00	0.00	0.02	0.00	0.02
Other Items	0.01	2.85	0.74	0.00	3.60
TOTAL MISCELLANEOUS ITEMS	1.48	14.34	3.28	26.80	45.90
COMMINGLED RECYCLABLES					
Commingle Recyclables	232.67	0.00	0.00	0.00	232.67
TOTAL COMMINGLED RECYCLABLES	232.67	0.00	0.00	0.00	232.67
TOTAL FOR ALL	681.76	1,305.93	33.91	136.09	2,157.68

CLARENDON COUNTY

TABLE 6.31: Clarendon County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
34,971	12	0	14.6	0.4	2.3	2.7	2,519	14,680

TABLE 6.32: Clarendon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	25.94	0.00	0.10	0.00	26.04
TOTAL GLASS	25.94	0.00	0.16	0.00	26.10
METAL					
Aluminum Cans	0.00	0.12	1.02	0.00	1.14
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	0.29	0.00	0.00	0.29
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	263.20	0.00	3.42	0.00	266.62
TOTAL METAL	263.20	0.41	16.41	0.00	280.02
PAPER					
Cardboard	304.10	697.18	29.80	0.00	1,031.08
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	0.00	0.00	0.10	0.00	0.10
Office Paper	0.00	1.00	8.19	0.00	9.19
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.05	0.00	0.05
Mixed Paper	681.20	0.00	0.44	0.00	681.64
TOTAL PAPER	985.30	698.18	38.68	0.00	1,722.16
PLASTIC					
PET	0.00	0.25	0.21	0.00	0.46
HDPE	0.00	0.61	1.41	0.00	2.02
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	13.79	0.00	0.00	13.79
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	66.24	0.00	0.18	0.00	66.42
TOTAL PLASTIC	66.24	14.65	1.83	0.00	82.72
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	4.17	32.90	3.28	0.00	40.35
Used Motor Oil (from do-it-yourselfers)	35.00	0.00	0.00	0.00	35.00
Tires (car, truck)	206.27	40.93	2.81	0.00	250.01
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	245.44	73.83	6.18	0.00	325.45
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	54.45	7.80	0.00	0.00	62.15
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.36	0.00	0.01	0.00	0.37
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.34	1.25	0.35	0.00	4.94
Wood Packaging	0.00	0.00	12.56	0.00	12.56
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	1.49	0.43	0.00	1.92
TOTAL MISCELLANEOUS ITEMS	58.05	10.54	13.90	0.00	82.49
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,644.17	797.61	77.16	0.00	2,518.94

COLLETON COUNTY

TABLE 6.33: Colleton County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
38,892	15	0	15.3	0.5	2.7	3.2	3,487	19,303

TABLE 6.34: Colleton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.04	0.00	0.04
Containers and Packaging – Clear	0.00	1.13	0.06	0.00	1.19
Containers and Packaging – Green	0.00	0.00	0.02	0.00	0.02
Mixed Glass	0.00	0.00	0.19	0.00	0.19
TOTAL GLASS	0.00	1.13	0.31	0.00	1.44
METAL					
Aluminum Cans	1.97	10.66	0.77	0.00	13.40
Steel Cans	0.00	5.92	0.00	0.00	5.92
Non-ferrous, Non-magnetic	0.00	0.38	0.00	0.00	0.38
Ferrous, Magnetic	0.00	0.00	2.66	0.00	2.66
Mixed Scrap Metal	344.58	987.22	3.19	0.00	1,334.99
TOTAL METAL	346.55	1,004.18	6.62	0.00	1,357.35
PAPER					
Cardboard	250.00	1,101.74	1.26	0.00	1,353.00
Magazines	0.00	0.00	0.10	0.00	0.10
Newspapers and Inserts	153.00	0.00	0.12	0.00	153.12
Office Paper	0.00	2.02	1.18	0.00	3.20
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	0.00	0.68	0.45	0.00	1.13
TOTAL PAPER	403.00	1,104.44	3.15	0.00	1,510.59
PLASTIC					
PET	0.00	0.37	0.36	0.00	0.73
HDPE	0.77	3.27	0.06	0.00	4.10
Commingle PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	19.92	0.00	0.00	19.92
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	8.23	8.54	0.37	0.00	17.14
TOTAL PLASTIC	9.00	32.10	0.85	0.00	41.95
BANNED ITEMS					
Appliances	5.85	0.00	0.00	0.00	5.85
Lead-acid Batteries (car, truck, boat)	12.65	60.21	0.17	0.00	73.03
Used Motor Oil (from do-it-yourselfers)	35.00	0.00	0.00	0.00	35.00
Tires (car, truck)	330.85	94.97	0.73	0.00	426.55
Yard Trimmings	0.00	0.00	0.18	0.00	0.18
TOTAL BANNED ITEMS	384.35	155.18	1.08	0.00	540.61
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.26	0.14	0.00	0.40
Consumer Electronics	7.66	8.62	0.00	0.00	16.28
Cooking Oil	0.00	9.33	0.00	0.00	9.33
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.42	0.00	0.02	0.00	0.44
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.39	0.00	0.00	0.00	0.39
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.86	2.44	0.28	0.00	5.58
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.02	0.00	0.02
Other Items	0.01	2.19	0.12	0.00	2.32
TOTAL MISCELLANEOUS ITEMS	11.34	22.84	0.63	0.00	34.81
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,154.24	2,319.87	12.64	0.00	3,486.75

DARLINGTON COUNTY

TABLE 6.35: Darlington County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
68,681	15	3	14.7	0.4	2.5	2.9	5,354	30,974

TABLE 6.36: Darlington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	22.45	0.00	0.00	0.00	22.45
Containers and Packaging – Clear	21.74	0.00	0.66	0.00	22.40
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.02	0.00	0.02
TOTAL GLASS	44.19	0.00	0.68	0.00	44.87
METAL					
Aluminum Cans	23.96	0.20	1.78	2.60	28.54
Steel Cans	0.00	0.00	0.24	0.00	0.24
Non-ferrous, Non-magnetic	0.00	0.34	0.00	0.00	0.34
Ferrous, Magnetic	0.00	0.00	2.83	40.00	42.83
Mixed Scrap Metal	285.21	2.39	405.32	0.00	692.92
TOTAL METAL	309.17	2.93	410.17	42.60	764.87
PAPER					
Cardboard	109.70	1,532.32	18.46	1,032.00	2,692.48
Magazines	0.00	0.00	4.69	0.00	4.69
Newspapers and Inserts	210.68	0.00	4.73	0.00	215.41
Office Paper	0.00	1.97	41.43	1.50	44.90
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.11	0.00	0.11
Mixed Paper	0.00	1.36	8.42	0.00	9.78
TOTAL PAPER	320.38	1,535.65	77.85	1,033.50	2,967.38
PLASTIC					
PET	0.00	0.57	0.06	3.50	4.13
HDPE	0.00	1.35	0.01	0.00	1.36
Commingle PET and HDPE	26.92	0.00	0.00	0.00	26.92
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	25.13	0.00	0.00	25.13
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	12.57	2.74	0.00	15.31
TOTAL PLASTIC	26.92	39.62	2.81	3.50	72.85
BANNED ITEMS					
Appliances	0.00	21.92	0.00	0.00	21.92
Lead-acid Batteries (car, truck, boat)	0.00	31.49	1.17	0.30	32.96
Used Motor Oil (from do-it-yourselfers)	42.00	0.00	0.00	0.00	42.00
Tires (car, truck)	529.92	133.09	4.75	10.00	677.76
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	571.92	186.50	5.92	10.30	774.64
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	56.15	15.18	0.64	0.30	72.27
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.90	0.00	0.90
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.12	0.25	0.37
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.69	0.00	0.00	0.00	0.69
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.00	4.88	2.57	0.00	9.45
Wood Packaging	0.00	107.10	0.10	65.00	172.20
Other Wood	0.00	0.00	0.11	0.00	0.11
Other Items	0.01	2.61	304.61	0.00	307.23
TOTAL MISCELLANEOUS ITEMS	58.85	129.77	309.19	65.55	563.36
COMMINGLED RECYCLABLES					
Commingle Recyclables	165.81	0.00	0.00	0.00	165.81
TOTAL COMMINGLED RECYCLABLES	165.81	0.00	0.00	0.00	165.81
TOTAL FOR ALL	1,497.24	1,894.47	806.62	1,155.45	5,353.78

DILLON COUNTY

TABLE 6.37: Dillon County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
32,062	15	1	6.9	0.2	3.3	3.5	1,426	19,101

TABLE 6.38: Dillon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	0.00	0.13	0.94	0.00	1.07
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.05	0.00	0.00	0.05
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	163.93	0.00	3.42	0.00	167.35
TOTAL METAL	163.93	0.18	6.99	0.00	171.10
PAPER					
Cardboard	59.60	603.45	1.57	0.00	664.62
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	71.40	0.00	0.10	0.00	71.50
Office Paper	11.25	1.31	0.94	0.00	13.50
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	0.00	0.00	0.44	0.00	0.44
TOTAL PAPER	142.25	604.76	3.18	0.00	750.19
PLASTIC					
PET	0.00	0.31	0.21	0.00	0.52
HDPE	0.00	0.91	0.03	0.00	0.94
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	13.67	0.00	0.00	13.67
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	4.52	2.07	0.18	0.25	7.02
TOTAL PLASTIC	4.52	16.96	0.45	0.25	22.18
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.00	15.33	2.66	0.00	17.99
Used Motor Oil (from do-it-yourselfers)	26.00	0.00	0.00	0.00	26.00
Tires (car, truck)	49.30	375.01	1.07	0.00	425.38
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	75.30	390.34	3.82	0.00	469.46
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	1.30	7.08	0.00	0.00	8.38
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.23	0.28
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.00	0.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.32	0.00	0.01	0.00	0.33
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	1.50	0.35	0.00	1.85
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	1.54	0.43	0.00	1.97
TOTAL MISCELLANEOUS ITEMS	1.62	10.12	1.35	0.23	13.32
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	387.62	1,022.36	15.95	0.48	1,426.41

DORCHESTER COUNTY

TABLE 6.39: Dorchester County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
136,555	12	2	37.8	1.6	2.7	4.3	40,095	66,050

TABLE 6.40: Dorchester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.04	0.00	0.04
Containers and Packaging – Clear	0.00	0.00	0.06	0.00	0.06
Containers and Packaging – Green	0.00	0.00	0.02	0.00	0.02
Mixed Glass	41.38	0.00	0.21	0.00	41.59
TOTAL GLASS	41.38	0.00	0.33	0.00	41.71
METAL					
Aluminum Cans	0.00	7.10	0.91	11.04	19.05
Steel Cans	0.00	12.50	9.58	0.00	22.08
Non-ferrous, Non-magnetic	0.00	1,076.21	0.00	0.00	1,076.21
Ferrous, Magnetic	0.00	14,060.75	2.66	27.86	14,091.27
Mixed Scrap Metal	569.00	11.78	3.23	0.00	584.01
TOTAL METAL	569.00	15,168.34	16.38	38.90	15,792.62
PAPER					
Cardboard	151.64	2,926.88	33.41	847.40	3,959.33
Magazines	0.00	0.25	0.12	0.00	0.37
Newspapers and Inserts	0.00	1.55	0.14	0.00	1.69
Office Paper	6.23	23.13	8.40	54.30	92.06
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.09	0.00	0.09
Mixed Paper	1,171.28	174.04	8.44	0.00	1,353.76
TOTAL PAPER	1,329.15	3,125.85	50.61	901.70	5,407.31
PLASTIC					
PET	0.00	0.23	0.36	0.00	0.59
HDPE	0.00	0.67	1.44	0.00	2.11
Commingled PET and HDPE	0.00	2.50	0.00	0.00	2.50
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	13.54	0.00	0.00	13.54
PP	0.00	4.00	0.00	0.00	4.00
Mixed Plastic	192.15	70.10	0.49	19.55	282.29
TOTAL PLASTIC	192.15	91.04	2.35	19.55	305.09
BANNED ITEMS					
Appliances	596.00	43.84	0.00	0.00	639.84
Lead-acid Batteries (car, truck, boat)	0.03	63.13	0.92	0.12	64.20
Used Motor Oil (from do-it-yourselfers)	133.00	0.00	0.00	0.00	133.00
Tires (car, truck)	636.61	158.86	2.74	0.00	798.21
Yard Trimmings	14,789.13	0.00	0.18	0.00	14,789.31
TOTAL BANNED ITEMS	16,154.77	265.83	3.84	0.12	16,424.56
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	43.57	55.26	0.19	1.91	100.93
Cooking Oil	0.25	0.00	0.00	0.00	0.25
Fluorescent Bulbs	0.00	0.05	0.02	0.05	0.12
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.05	0.20	0.04	0.00	0.29
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.63	0.00	0.00	0.23	1.86
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	5.50	6.83	0.30	0.00	12.63
Wood Packaging	0.00	354.40	12.56	6.00	372.96
Other Wood	0.00	276.00	0.02	0.00	276.02
Other Items	0.02	36.32	0.12	232.00	268.46
TOTAL MISCELLANEOUS ITEMS	51.02	729.06	13.39	240.18	1,033.65
COMMINGLED RECYCLABLES					
Commingled Recyclables	1,088.40	0.00	0.00	2.00	1,090.40
TOTAL COMMINGLED RECYCLABLES	1,088.40	0.00	0.00	2.00	1,090.40
TOTAL FOR ALL	19,425.87	19,380.12	86.90	1,202.45	40,095.34

EDGEFIELD COUNTY

TABLE 6.41: Edgefield County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
26,985	8	2	28.2	1.0	2.5	3.4	4,747	12,068

TABLE 6.42: Edgefield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.01	0.00	0.01
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.01	0.00	0.01
METAL					
Aluminum Cans	14.82	5.78	0.90	6.75	28.25
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	10.25	0.00	22.50	32.75
Ferrous, Magnetic	0.00	178.85	2.68	136.25	317.78
Mixed Scrap Metal	195.67	92.75	3.16	15.75	307.33
TOTAL METAL	210.49	287.63	16.08	181.25	695.45
PAPER					
Cardboard	172.70	1,781.17	30.10	193.51	2,177.48
Magazines	0.00	3.85	0.11	0.00	3.96
Newspapers and Inserts	181.74	5.88	0.15	0.00	187.77
Office Paper	0.00	18.20	20.18	60.50	98.88
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.40	0.09	0.65	1.14
Mixed Paper	25.97	52.59	0.43	76.60	155.59
TOTAL PAPER	380.41	1,862.09	51.07	331.26	2,624.83
PLASTIC					
PET	0.00	0.00	0.06	0.00	0.06
HDPE	0.00	0.00	1.39	0.00	1.39
Commingle PET and HDPE	40.59	0.00	0.00	2.50	43.09
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	19.70	0.00	798.65	818.35
TOTAL PLASTIC	40.59	19.70	1.45	801.15	862.89
BANNED ITEMS					
Appliances	83.86	0.00	0.00	0.00	83.86
Lead-acid Batteries (car, truck, boat)	4.93	3.51	3.28	0.00	11.72
Used Motor Oil (from do-it-yourselfers)	48.00	0.00	0.00	0.00	48.00
Tires (car, truck)	110.82	132.00	2.81	0.00	245.63
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	247.61	135.51	6.09	0.00	389.21
MISCELLANEOUS ITEMS					
Antifreeze	0.00	5.36	0.26	0.85	6.47
Consumer Electronics	30.24	9.15	0.01	2.50	41.90
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.60	0.05	1.45	2.10
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.01	0.16	0.10	0.27
Mattresses	0.00	11.03	0.00	0.00	11.03
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.27	0.00	0.01	0.00	0.28
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.36	4.61	0.35	7.65	14.97
Wood Packaging	0.00	28.00	12.63	33.50	74.13
Other Wood	0.00	22.50	0.11	0.00	22.61
Other Items	0.00	0.00	0.43	0.00	0.43
TOTAL MISCELLANEOUS ITEMS	32.87	81.26	14.18	46.05	174.36
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	911.97	2,386.19	88.88	1,359.71	4,746.75

FAIRFIELD COUNTY

TABLE 6.43: Fairfield County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
23,956	10	0	10.7	0.5	4.3	4.9	2,260	18,954

TABLE 6.44: Fairfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.04	0.00	0.04
Containers and Packaging – Clear	0.00	0.00	0.07	0.00	0.07
Containers and Packaging – Green	0.00	0.00	0.02	0.00	0.02
Mixed Glass	0.00	0.00	0.19	0.00	0.19
TOTAL GLASS	0.00	0.00	0.32	0.00	0.32
METAL					
Aluminum Cans	4.38	0.02	0.83	0.98	6.21
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.73	0.00	2.73
Mixed Scrap Metal	200.40	0.00	3.19	0.00	203.59
TOTAL METAL	204.78	0.02	6.75	0.98	212.53
PAPER					
Cardboard	121.57	600.13	1.64	0.00	723.34
Magazines	0.00	0.00	0.13	0.00	0.13
Newspapers and Inserts	0.00	0.00	0.20	0.00	0.20
Office Paper	0.00	0.20	13.95	135.29	149.44
Paperboard	0.00	0.00	0.02	0.00	0.02
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	97.58	0.68	0.70	0.00	98.96
TOTAL PAPER	219.15	601.01	16.71	135.29	972.16
PLASTIC					
PET	0.00	0.08	0.37	0.00	0.45
HDPE	0.00	0.16	0.06	0.00	0.22
Commingle PET and HDPE	45.35	0.00	0.00	0.00	45.35
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	2.93	0.00	0.00	2.93
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	7.32	0.37	0.00	7.69
TOTAL PLASTIC	45.35	10.49	0.86	0.00	56.70
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	1.22	6.30	0.17	2.00	9.69
Used Motor Oil (from do-it-yourselfers)	28.00	0.00	0.00	0.00	28.00
Tires (car, truck)	367.26	28.00	0.73	0.00	395.99
Yard Trimmings	500.00	0.00	0.00	0.00	500.00
TOTAL BANNED ITEMS	896.48	34.30	0.90	2.00	933.68
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	51.48	5.33	0.01	0.00	56.82
Cooking Oil	21.00	0.00	0.00	0.00	21.00
Fluorescent Bulbs	0.00	0.00	0.02	0.70	0.72
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.12	0.00	0.12
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.24	0.00	0.00	0.00	0.24
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	4.16	0.00	0.28	0.00	4.44
Wood Packaging	0.00	0.00	0.10	0.00	0.10
Other Wood	0.00	0.00	0.13	0.00	0.13
Other Items	0.00	0.34	0.12	0.09	0.55
TOTAL MISCELLANEOUS ITEMS	76.88	5.67	0.92	0.79	84.26
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,442.64	651.49	26.46	139.05	2,259.64

FLORENCE COUNTY

TABLE 6.45: Florence County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
136,885	15	2	20.6	1.1	4.3	5.4	27,961	108,078

TABLE 6.46: Florence County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.02	0.00	0.02
TOTAL GLASS	0.00	0.00	0.02	0.00	0.02
METAL					
Aluminum Cans	16.38	0.32	1.29	0.34	18.33
Steel Cans	13.65	0.00	9.58	0.00	23.23
Non-ferrous, Non-magnetic	0.00	22.79	0.00	0.00	22.79
Ferrous, Magnetic	0.00	12,437.59	2.61	0.00	12,440.20
Mixed Scrap Metal	1.35	4.78	68.32	139.64	214.09
TOTAL METAL	31.38	12,465.48	81.80	139.98	12,718.64
PAPER					
Cardboard	0.37	3,713.88	41.40	22.00	3,777.65
Magazines	0.00	0.00	0.12	1.00	1.12
Newspapers and Inserts	416.44	0.00	0.16	0.00	416.60
Office Paper	0.00	3.35	46.04	3.50	52.89
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.20	0.25	0.45
Mixed Paper	43.68	1.36	8.46	0.91	54.41
TOTAL PAPER	460.49	3,718.59	96.38	27.66	4,303.12
PLASTIC					
PET	38.22	0.68	0.05	5.50	44.45
HDPE	19.11	2.19	1.39	0.00	22.69
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	37.12	0.00	0.00	37.12
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	35.07	20.85	0.16	1.55	57.63
TOTAL PLASTIC	92.40	60.84	1.60	7.05	161.89
BANNED ITEMS					
Appliances	1,009.10	50.84	0.00	0.00	1,059.94
Lead-acid Batteries (car, truck, boat)	0.00	132.98	5.90	0.15	139.03
Used Motor Oil (from do-it-yourselfers)	90.00	0.00	0.00	0.00	90.00
Tires (car, truck)	842.70	328.97	3.43	0.00	1,175.10
Yard Trimmings	6,806.00	0.00	1.00	0.00	6,807.00
TOTAL BANNED ITEMS	8,747.80	512.79	10.33	0.15	9,271.07
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.48	0.00	0.48
Consumer Electronics	9.17	30.37	7.95	1.00	48.49
Cooking Oil	1.98	0.00	0.34	0.00	2.32
Fluorescent Bulbs	0.00	0.11	0.08	0.00	0.19
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.30	0.00	0.08	0.00	0.38
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.38	0.00	0.02	0.00	1.40
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.77	6.75	0.54	0.20	10.26
Wood Packaging	0.00	236.21	12.56	0.00	248.77
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.02	4.60	0.74	0.00	5.36
TOTAL MISCELLANEOUS ITEMS	15.62	278.04	22.79	1.20	317.64
COMMINGLED RECYCLABLES					
Commingled Recyclables	1,188.61	0.00	0.00	0.00	1,188.61
TOTAL COMMINGLED RECYCLABLES	1,188.61	0.00	0.00	0.00	1,188.61
TOTAL FOR ALL	10,536.30	17,035.74	212.92	176.04	27,961.00

GEORGETOWN COUNTY

TABLE 6.47: Georgetown County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
60,158	14	1	16.7	0.7	3.6	4.3	7,901	39,452

TABLE 6.48: Georgetown County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	45.58	0.00	0.02	0.00	45.60
Containers and Packaging – Clear	46.25	0.00	0.69	0.00	46.94
Containers and Packaging – Green	90.29	0.00	0.01	0.00	90.30
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	182.12	0.00	0.82	0.00	182.94
METAL					
Aluminum Cans	7.00	0.10	2.49	0.00	9.59
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.71	0.00	2.71
Mixed Scrap Metal	306.04	0.00	406.50	0.00	712.54
TOTAL METAL	313.04	0.10	411.70	0.00	714.84
PAPER					
Cardboard	567.71	1,452.76	13.58	0.00	2,034.05
Magazines	0.00	0.00	4.68	0.00	4.68
Newspapers and Inserts	694.87	0.00	4.74	0.00	699.61
Office Paper	10.96	0.95	42.09	0.00	54.00
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	0.00	0.68	0.44	0.00	1.12
TOTAL PAPER	1,273.54	1,454.39	65.61	0.00	2,793.54
PLASTIC					
PET	72.33	0.17	0.21	0.00	72.71
HDPE	64.54	0.57	0.03	0.00	65.14
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	12.56	0.00	0.00	12.56
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	15.60	2.70	0.00	18.30
TOTAL PLASTIC	136.87	28.90	2.97	0.00	168.74
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.00	36.01	6.01	0.00	42.02
Used Motor Oil (from do-it-yourselfers)	64.00	0.00	0.00	0.00	64.00
Tires (car, truck)	352.04	70.01	5.17	0.00	427.22
Yard Trimmings	3,112.74	0.00	0.09	0.00	3,112.83
TOTAL BANNED ITEMS	3,528.78	106.02	11.27	0.00	3,646.07
MISCELLANEOUS ITEMS					
Antifreeze	0.22	0.00	0.38	0.00	0.60
Consumer Electronics	17.42	13.34	0.25	0.00	31.01
Cooking Oil	0.00	0.00	0.34	0.00	0.34
Fluorescent Bulbs	0.00	0.00	0.96	0.12	1.08
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	41.00	0.00	0.00	0.00	41.00
Inkjet and Toner Cartridges	0.00	0.00	0.16	0.00	0.16
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.61	0.00	0.02	0.00	0.63
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.49	0.00	2.69	0.00	3.18
Wood Packaging	0.00	0.00	0.10	0.00	0.10
Other Wood	0.00	0.00	0.12	0.00	0.12
Other Items	0.01	1.13	305.23	0.00	306.37
TOTAL MISCELLANEOUS ITEMS	59.75	14.47	310.25	0.12	384.59
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	5,494.10	1,603.88	802.62	0.12	7,900.72

GREENVILLE COUNTY

TABLE 6.49: Greenville County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
451,225	25	5	42.4	2.6	3.5	6.1	213,678	290,043

TABLE 6.50: Greenville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	1,758.00	0.16	0.00	1,758.16
Containers and Packaging – Clear	0.00	0.00	0.20	0.00	0.20
Containers and Packaging – Green	0.00	0.00	0.03	0.00	0.03
Mixed Glass	1,317.66	0.00	5.36	6.00	1,329.02
TOTAL GLASS	1,317.66	1,758.00	5.75	6.00	3,087.41
METAL					
Aluminum Cans	145.29	2.04	2.80	6.41	156.54
Steel Cans	147.88	0.38	9.98	0.20	158.44
Non-ferrous, Non-magnetic	0.00	1,523.43	0.00	0.00	1,523.43
Ferrous, Magnetic	0.00	46,337.95	7.70	845.15	47,190.80
Mixed Scrap Metal	89.58	15.56	111.07	75.00	291.21
TOTAL METAL	382.75	47,879.36	131.55	926.76	49,320.42
PAPER					
Cardboard	546.87	32,882.23	547.50	2,449.06	36,425.66
Magazines	0.00	0.00	0.17	11.01	11.18
Newspapers and Inserts	0.00	375.00	0.24	0.20	375.44
Office Paper	25.49	646.63	21.18	183.86	877.16
Paperboard	0.00	0.00	0.02	0.00	0.02
Telephone Books	0.00	0.00	0.13	0.70	0.83
Mixed Paper	8,567.48	43,368.09	156.35	113.58	52,205.50
TOTAL PAPER	9,139.34	77,271.95	725.59	2,758.40	89,895.78
PLASTIC					
PET	0.00	3.60	0.52	2.06	6.18
HDPE	0.00	2.40	1.46	199.20	203.06
Commingled PET and HDPE	0.00	0.00	1.21	0.00	1.21
V – PVC	0.00	0.00	0.10	0.00	0.10
LDPE	0.00	83.02	0.00	1.59	84.61
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	360.74	2,845.27	1.43	66.42	3,273.86
TOTAL PLASTIC	360.74	2,934.29	4.72	269.27	3,569.02
BANNED ITEMS					
Appliances	1,063.72	152.98	3.10	0.00	1,219.80
Lead-acid Batteries (car, truck, boat)	16.60	2,089.91	7.65	36.83	2,150.99
Used Motor Oil (from do-it-yourselfers)	201.00	0.00	0.00	0.00	201.00
Tires (car, truck)	3,548.25	4,077.92	12.49	26.13	7,664.79
Yard Trimmings	46,476.00	0.00	890.28	0.00	47,366.28
TOTAL BANNED ITEMS	51,305.57	6,320.81	913.52	62.96	58,602.86
MISCELLANEOUS ITEMS					
Antifreeze	9.39	69.76	1.87	0.00	81.02
Consumer Electronics	161.44	142.87	35.78	88.50	428.58
Cooking Oil	3.00	4.00	8.52	1.26	16.78
Fluorescent Bulbs	3.76	11.09	5.77	11.24	31.86
Food Scraps	0.00	0.00	5.00	0.00	5.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	1.60	2.50	0.16	1.38	5.64
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	12.76	2.78	0.40	1.00	16.94
Rechargeable Batteries	5.16	1.18	0.68	2.63	9.65
Textiles	11.00	480.00	0.00	420.00	911.00
Used Motor Oil Filters	8.23	85.79	0.93	104.95	199.90
Wood Packaging	0.00	2,101.48	29.83	2,216.62	4,347.93
Other Wood	8.00	0.00	7.14	39.46	54.60
Other Items	6.06	354.24	7.99	190.86	559.15
TOTAL MISCELLANEOUS ITEMS	230.40	3,255.69	104.07	3,077.89	6,668.04
COMMINGLED RECYCLABLES					
Commingled Recyclables	2,242.38	17.90	237.90	36.00	2,534.18
TOTAL COMMINGLED RECYCLABLES	2,242.38	17.90	237.90	36.00	2,534.18
TOTAL FOR ALL	64,979.34	139,438.00	2,123.10	7,137.28	213,677.72

GREENWOOD COUNTY

TABLE 6.51: Greenwood County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
69,661	9	4	24.1	1.5	4.7	6.2	19,127	60,087

TABLE 6.52: Greenwood County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	23.44	0.00	0.02	0.00	23.46
Containers and Packaging – Clear	47.45	0.00	0.03	0.00	47.48
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.12	0.00	0.12
TOTAL GLASS	70.89	0.00	0.18	0.00	71.07
METAL					
Aluminum Cans	35.54	0.87	3.24	2.75	42.40
Steel Cans	14.15	0.00	12.08	0.00	26.23
Non-ferrous, Non-magnetic	0.00	131.20	0.00	0.00	131.20
Ferrous, Magnetic	0.00	6,326.32	17.63	450.40	6,794.34
Mixed Scrap Metal	375.21	2.39	6.98	0.00	384.58
TOTAL METAL	424.90	6,460.78	39.93	453.15	7,378.76
PAPER					
Cardboard	696.72	3,281.89	106.37	2,945.08	7,030.06
Magazines	0.00	0.00	3.25	0.50	3.75
Newspapers and Inserts	415.23	0.00	4.13	88.20	507.56
Office Paper	107.21	0.62	74.71	7.27	189.81
Paperboard	432.02	0.00	0.03	0.00	432.05
Telephone Books	0.00	0.00	3.33	0.05	3.38
Mixed Paper	0.00	1.79	81.18	575.10	658.07
TOTAL PAPER	1,651.18	3,284.30	273.00	3,616.20	8,824.68
PLASTIC					
PET	101.78	0.64	0.24	0.00	102.66
HDPE	11.55	1.20	1.41	3.28	17.44
Commingle PET and HDPE	44.22	0.00	0.30	0.00	44.52
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	28.40	0.00	0.00	28.40
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	9.39	1.34	0.00	10.73
TOTAL PLASTIC	157.55	39.63	3.32	3.28	203.78
BANNED ITEMS					
Appliances	0.00	21.92	0.00	0.00	21.92
Lead-acid Batteries (car, truck, boat)	6.32	22.20	0.92	0.55	29.99
Used Motor Oil (from do-it-yourselfers)	51.00	0.00	0.00	0.00	51.00
Tires (car, truck)	521.98	81.31	2.74	0.00	606.03
Yard Trimmings	0.00	0.00	6.59	0.00	6.59
TOTAL BANNED ITEMS	579.30	125.43	10.25	0.55	715.53
MISCELLANEOUS ITEMS					
Antifreeze	1.00	0.00	0.34	0.00	1.34
Consumer Electronics	48.16	15.49	14.19	9.22	87.06
Cooking Oil	1.00	0.00	3.50	0.00	4.50
Fluorescent Bulbs	0.00	0.00	2.87	2.50	5.37
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.10	0.00	0.22	0.02	0.34
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.81	0.00	0.55	15.55	16.91
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.10	0.00	0.30	0.00	0.40
Wood Packaging	0.00	258.30	19.06	1,529.70	1,807.06
Other Wood	0.00	0.00	6.51	0.00	6.51
Other Items	0.01	3.10	0.22	0.00	3.33
TOTAL MISCELLANEOUS ITEMS	51.18	276.89	47.76	1,556.99	1,932.82
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,934.99	10,187.03	374.44	5,630.17	19,126.64

HAMPTON COUNTY

TABLE 6.53: Hampton County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
21,090	10	0	20.0	0.8	3.0	3.8	2,920	11,668

TABLE 6.54: Hampton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	24.23	0.00	0.04	0.00	24.27
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	24.23	0.00	0.17	0.00	24.40
METAL					
Aluminum Cans	0.00	0.00	1.00	0.00	1.00
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.71	0.00	2.71
Mixed Scrap Metal	99.84	0.00	3.42	0.00	103.26
TOTAL METAL	99.84	0.00	7.13	0.00	106.97
PAPER					
Cardboard	41.83	368.72	1.98	0.00	412.53
Magazines	7.76	0.00	0.12	0.00	7.88
Newspapers and Inserts	20.07	0.00	0.18	0.00	20.25
Office Paper	2.89	0.00	13.77	0.00	16.66
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	0.00	0.68	0.44	0.00	1.12
TOTAL PAPER	72.55	369.40	16.57	0.00	458.52
PLASTIC					
PET	0.00	0.00	0.21	0.00	0.21
HDPE	0.00	0.00	0.03	0.00	0.03
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	7.32	0.18	0.00	7.50
TOTAL PLASTIC	0.00	7.32	0.45	0.00	7.77
BANNED ITEMS					
Appliances	33.28	0.00	0.00	0.00	33.28
Lead-acid Batteries (car, truck, boat)	4.02	0.00	2.66	0.00	6.68
Used Motor Oil (from do-it-yourselfers)	21.00	0.00	0.00	0.00	21.00
Tires (car, truck)	234.33	49.36	1.07	0.00	284.76
Yard Trimmings	1,633.57	182.07	0.09	0.00	1,815.73
TOTAL BANNED ITEMS	1,926.20	231.43	3.82	0.00	2,161.45
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	80.97	4.72	0.01	0.00	85.70
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.14	0.00	0.14
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.21	0.00	0.01	0.00	0.22
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.07	0.00	0.35	0.00	2.42
Wood Packaging	6.75	64.88	0.10	0.00	71.73
Other Wood	0.00	0.00	0.12	0.00	0.12
Other Items	0.00	0.00	0.43	0.00	0.43
TOTAL MISCELLANEOUS ITEMS	90.00	69.60	1.64	0.00	161.24
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,212.82	677.75	29.78	0.00	2,920.35

HORRY COUNTY

TABLE 6.55: Horry County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
269,291	29	5	29.7	2.0	4.6	6.6	96,209	227,315

TABLE 6.56: Horry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.69	0.00	0.69
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	1,743.60	0.00	0.10	22.70	1,766.40
TOTAL GLASS	1,743.60	0.00	0.82	22.70	1,767.12
METAL					
Aluminum Cans	139.01	222.80	3.99	0.28	366.08
Steel Cans	301.49	5.88	0.12	0.00	307.49
Non-ferrous, Non-magnetic	0.00	1,232.97	0.00	0.00	1,232.97
Ferrous, Magnetic	0.00	1,848.16	2.71	0.00	1,850.87
Mixed Scrap Metal	2,619.27	1,783.09	422.39	63.70	4,888.45
TOTAL METAL	3,059.77	5,092.90	429.21	63.98	8,645.86
PAPER					
Cardboard	7,395.41	19,227.15	100.98	363.80	27,087.34
Magazines	0.00	7.90	14.93	0.00	22.83
Newspapers and Inserts	4,456.63	592.78	7.14	0.00	5,056.55
Office Paper	721.49	973.90	155.75	15.20	1,866.34
Paperboard	0.00	1.00	0.01	0.00	1.01
Telephone Books	57.05	71.21	2.57	0.00	130.83
Mixed Paper	0.00	213.44	20.94	0.00	234.38
TOTAL PAPER	12,630.58	21,087.38	302.32	379.00	34,399.28
PLASTIC					
PET	442.42	1.71	0.21	0.00	444.34
HDPE	264.71	8.00	1.50	0.00	274.21
Commingle PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	113.03	0.00	0.00	113.03
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	908.09	94.50	2.70	0.00	1,005.29
TOTAL PLASTIC	1,615.22	217.24	4.44	0.00	1,836.90
BANNED ITEMS					
Appliances	0.00	122.68	0.00	0.00	122.68
Lead-acid Batteries (car, truck, boat)	50.85	1,630.38	6.01	0.00	1,687.24
Used Motor Oil (from do-it-yourselfers)	200.00	0.00	0.00	0.00	200.00
Tires (car, truck)	2,243.72	1,278.48	6.19	0.00	3,528.39
Yard Trimmings	38,886.00	571.19	11.73	0.00	39,468.92
TOTAL BANNED ITEMS	41,380.57	3,602.73	23.93	0.00	45,007.23
MISCELLANEOUS ITEMS					
Antifreeze	1.10	77.02	0.52	0.00	78.64
Consumer Electronics	751.39	65.71	3.71	1.50	822.31
Cooking Oil	0.00	1,300.56	7.23	0.00	1,307.79
Fluorescent Bulbs	0.10	6.01	3.41	0.74	10.26
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	7.10	23.30	0.00	0.00	30.40
Inkjet and Toner Cartridges	0.00	2.25	1.66	0.06	3.97
Mattresses	76.43	0.00	0.00	0.00	76.43
Paint	0.00	0.00	0.12	0.00	0.12
Rechargeable Batteries	2.82	83.98	1.42	0.20	88.42
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	236.32	2.73	0.00	239.05
Wood Packaging	0.00	1,083.13	0.60	2.30	1,086.03
Other Wood	0.00	0.00	0.62	0.00	0.62
Other Items	0.04	16.56	305.26	57.06	378.92
TOTAL MISCELLANEOUS ITEMS	838.98	2,894.84	327.28	61.86	4,122.96
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	396.87	32.67	0.00	429.54
TOTAL COMMINGLED RECYCLABLES	0.00	396.87	32.67	0.00	429.54
TOTAL FOR ALL	61,268.72	33,291.96	1,120.67	527.54	96,208.89

JASPER COUNTY

TABLE 6.57: Jasper County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
24,777	6	2	16.6	0.6	2.8	3.4	2,524	12,727

TABLE 6.58: Jasper County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.25	0.00	0.00	0.25
Containers and Packaging – Clear	0.00	0.25	0.00	0.00	0.25
Containers and Packaging – Green	0.00	0.25	0.00	0.00	0.25
Mixed Glass	91.61	0.35	0.00	0.00	91.96
TOTAL GLASS	91.61	1.10	0.00	0.00	92.71
METAL					
Aluminum Cans	8.50	2.65	0.50	0.00	11.65
Steel Cans	0.00	0.52	9.34	0.00	9.86
Non-ferrous, Non-magnetic	0.00	15.39	0.00	0.00	15.39
Ferrous, Magnetic	1.00	107.23	2.61	0.00	110.84
Mixed Scrap Metal	161.84	144.20	2.68	0.00	308.72
TOTAL METAL	171.34	269.99	15.13	0.00	456.46
PAPER					
Cardboard	144.61	895.53	29.24	0.00	1,069.38
Magazines	0.00	0.56	0.07	0.00	0.63
Newspapers and Inserts	60.03	0.05	0.07	0.00	60.15
Office Paper	1.00	2.68	7.93	0.00	11.61
Paperboard	0.00	0.25	0.00	0.00	0.25
Telephone Books	0.00	0.20	0.05	0.00	0.25
Mixed Paper	0.00	5.35	0.43	0.00	5.78
TOTAL PAPER	205.64	904.62	37.79	0.00	1,148.05
PLASTIC					
PET	0.00	0.00	0.05	0.00	0.05
HDPE	0.00	0.50	1.39	0.00	1.89
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	26.06	7.07	0.00	0.00	33.13
TOTAL PLASTIC	26.06	7.57	1.44	0.00	35.07
BANNED ITEMS					
Appliances	1.00	0.65	0.00	0.00	1.65
Lead-acid Batteries (car, truck, boat)	2.85	51.71	0.79	0.00	55.35
Used Motor Oil (from do-it-yourselfers)	22.00	0.00	0.00	0.00	22.00
Tires (car, truck)	230.39	80.44	2.46	0.00	313.29
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	256.24	132.80	3.25	0.00	392.29
MISCELLANEOUS ITEMS					
Antifreeze	0.00	2.29	0.14	0.00	2.43
Consumer Electronics	9.51	5.54	0.00	0.00	15.05
Cooking Oil	0.00	29.12	0.00	0.00	29.12
Fluorescent Bulbs	0.50	1.50	0.02	0.00	2.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	1.17	0.04	0.00	1.21
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.25	0.00	0.00	0.25
Rechargeable Batteries	0.25	1.15	0.00	0.00	1.40
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	10.22	0.28	0.00	10.50
Wood Packaging	4.00	4.00	12.56	0.00	20.56
Other Wood	2.00	0.00	0.00	0.00	2.00
Other Items	0.00	0.00	0.12	0.00	0.12
TOTAL MISCELLANEOUS ITEMS	16.26	55.24	13.16	0.00	84.66
COMMINGLED RECYCLABLES					
Commingled Recyclables	315.00	0.00	0.00	0.00	315.00
TOTAL COMMINGLED RECYCLABLES	315.00	0.00	0.00	0.00	315.00
TOTAL FOR ALL	1,082.15	1,371.32	70.77	0.00	2,524.24

KERSHAW COUNTY

TABLE 6.59: Kershaw County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
61,697	11	1	17.3	0.5	2.6	3.1	6,020	28,775

TABLE 6.60: Kershaw County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	13.49	0.00	0.02	0.00	13.51
Containers and Packaging – Clear	20.87	0.00	0.03	0.00	20.90
Containers and Packaging – Green	7.42	0.00	0.01	0.00	7.43
Mixed Glass	112.28	0.00	0.10	0.00	112.38
TOTAL GLASS	154.06	0.00	0.16	0.00	154.22
METAL					
Aluminum Cans	8.00	0.16	1.02	0.00	9.18
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	0.09	0.00	0.00	0.09
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	2.31	2.39	3.42	0.00	8.12
TOTAL METAL	10.31	2.64	16.41	0.00	29.36
PAPER					
Cardboard	159.00	4,277.23	29.83	0.00	4,466.06
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	179.81	0.00	0.10	0.00	179.91
Office Paper	6.59	1.52	8.00	0.00	16.11
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.05	0.00	0.05
Mixed Paper	0.00	0.00	0.44	0.00	0.44
TOTAL PAPER	345.40	4,278.75	38.52	0.00	4,662.67
PLASTIC					
PET	0.00	0.37	0.21	0.00	0.58
HDPE	0.00	1.01	1.41	0.00	2.42
Commingled PET and HDPE	37.00	0.00	0.00	0.00	37.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	19.73	0.00	0.00	19.73
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	6.21	0.18	0.00	6.39
TOTAL PLASTIC	37.00	27.32	1.83	0.00	66.15
BANNED ITEMS					
Appliances	79.26	21.92	0.00	0.00	101.18
Lead-acid Batteries (car, truck, boat)	0.82	52.49	3.28	0.00	56.59
Used Motor Oil (from do-it-yourselfers)	93.00	0.00	0.00	0.00	93.00
Tires (car, truck)	220.00	71.62	2.81	0.00	294.43
Yard Trimmings	14.00	0.00	0.09	0.00	14.09
TOTAL BANNED ITEMS	407.08	146.03	6.18	0.00	559.29
MISCELLANEOUS ITEMS					
Antifreeze	0.44	0.00	0.26	0.00	0.70
Consumer Electronics	141.30	13.64	0.00	0.00	154.94
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.50	0.00	0.06	0.00	0.56
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.62	0.00	0.01	0.00	0.63
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.31	2.75	0.35	0.00	5.41
Wood Packaging	0.00	132.30	12.56	0.00	144.86
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.01	1.95	0.43	0.00	2.39
TOTAL MISCELLANEOUS ITEMS	145.18	150.64	13.90	0.00	309.72
COMMINGLED RECYCLABLES					
Commingled Recyclables	239.00	0.00	0.00	0.00	239.00
TOTAL COMMINGLED RECYCLABLES	239.00	0.00	0.00	0.00	239.00
TOTAL FOR ALL	1,338.03	4,605.38	77.00	0.00	6,020.41

LANCASTER COUNTY

TABLE 6.61: Lancaster County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
76,652	13	0	18.4	0.5	2.1	2.6	6,563	29,130

TABLE 6.62: Lancaster County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	63.97	0.00	0.02	0.00	63.99
Containers and Packaging – Clear	75.93	0.00	0.04	0.00	75.97
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	139.90	0.00	0.17	0.00	140.07
METAL					
Aluminum Cans	2.60	0.09	0.66	0.00	3.35
Steel Cans	0.00	0.00	0.00	2.00	2.00
Non-ferrous, Non-magnetic	0.00	5.05	0.00	0.00	5.05
Ferrous, Magnetic	0.00	0.00	2.71	0.00	2.71
Mixed Scrap Metal	793.22	28.79	2.94	0.00	824.95
TOTAL METAL	795.82	33.93	6.31	2.00	838.06
PAPER					
Cardboard	388.36	1,870.82	76.56	490.23	2,825.97
Magazines	0.00	0.00	0.12	0.00	0.12
Newspapers and Inserts	384.47	125.00	0.18	0.00	509.65
Office Paper	4.33	0.78	13.92	0.00	19.03
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	7.73	1.37	1.19	126.36	136.65
TOTAL PAPER	784.89	1,997.97	92.05	616.59	3,491.50
PLASTIC					
PET	0.00	0.21	0.21	0.00	0.42
HDPE	0.00	0.50	0.03	0.00	0.53
Commingle PET and HDPE	211.87	0.00	0.00	0.00	211.87
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	13.37	0.00	0.00	13.37
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	16.71	0.18	0.00	16.89
TOTAL PLASTIC	211.87	30.79	0.45	0.00	243.11
BANNED ITEMS					
Appliances	0.00	39.72	0.00	0.00	39.72
Lead-acid Batteries (car, truck, boat)	13.19	44.84	0.17	0.00	58.20
Used Motor Oil (from do-it-yourselfers)	57.00	0.00	0.00	0.00	57.00
Tires (car, truck)	538.65	126.52	0.73	0.00	665.90
Yard Trimmings	319.80	0.00	0.09	0.00	319.89
TOTAL BANNED ITEMS	928.64	211.08	0.99	0.00	1,140.71
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	2.68	17.03	0.01	0.05	19.77
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.29	0.02	0.08	0.39
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.12	0.00	0.12
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.78	0.16	0.00	0.00	0.94
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	5.60	5.75	0.28	0.00	11.63
Wood Packaging	0.00	154.39	0.10	520.00	674.49
Other Wood	0.00	0.00	0.12	0.00	0.12
Other Items	0.01	1.38	0.12	0.00	1.51
TOTAL MISCELLANEOUS ITEMS	9.07	179.00	0.91	520.13	709.11
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,870.19	2,452.77	100.88	1,138.72	6,562.56

LAURENS COUNTY

TABLE 6.63: Laurens County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
66,537	12	0	16.5	0.7	3.7	4.4	8,913	45,066

TABLE 6.64: Laurens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	3.48	0.25	0.77	0.00	4.50
Containers and Packaging – Clear	0.00	0.25	0.78	0.00	1.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	3.48	0.50	1.66	0.00	5.64
METAL					
Aluminum Cans	4.72	4.31	1.09	0.25	10.37
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	12.69	0.00	0.00	12.69
Ferrous, Magnetic	0.00	6,044.68	2.63	1.08	6,048.39
Mixed Scrap Metal	28.77	15.00	2.94	94.52	141.23
TOTAL METAL	33.49	6,076.68	6.66	95.85	6,212.68
PAPER					
Cardboard	255.31	1,253.49	3.65	350.67	1,833.12
Magazines	0.00	0.75	0.19	0.00	0.94
Newspapers and Inserts	0.00	77.00	0.20	0.00	77.20
Office Paper	0.00	6.66	5.41	9.04	21.11
Paperboard	0.00	0.70	0.11	0.00	0.81
Telephone Books	0.00	0.10	0.13	0.00	0.23
Mixed Paper	118.42	1.76	3.54	32.84	156.56
TOTAL PAPER	343.73	1,340.46	13.23	392.56	2,089.98
PLASTIC					
PET	0.00	0.25	0.21	15.86	16.32
HDPE	0.00	0.53	0.03	0.00	0.56
Commingle PET and HDPE	5.95	0.00	0.00	0.00	5.95
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	13.86	0.00	2.81	16.67
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	13.64	14.57	1.28	0.00	29.49
TOTAL PLASTIC	19.59	29.21	1.55	18.66	69.01
BANNED ITEMS					
Appliances	0.00	10.00	0.00	0.00	10.00
Lead-acid Batteries (car, truck, boat)	4.08	20.30	0.17	0.08	24.63
Used Motor Oil (from do-it-yourselfers)	41.00	0.00	0.00	0.00	41.00
Tires (car, truck)	157.53	87.54	0.73	1.00	246.80
Yard Trimmings	0.00	0.00	0.09	2.50	2.59
TOTAL BANNED ITEMS	202.61	117.84	0.99	3.58	325.02
MISCELLANEOUS ITEMS					
Antifreeze	0.00	1.64	0.14	0.00	1.78
Consumer Electronics	34.14	14.77	0.00	0.25	49.16
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.70	0.02	0.21	0.93
Food Scraps	0.00	0.00	12.00	0.00	12.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.09	0.11
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.67	1.00	0.01	0.03	1.71
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	0.00	0.28	0.00	0.28
Wood Packaging	0.00	6.75	0.03	63.65	70.43
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.01	1.31	0.12	72.67	74.11
TOTAL MISCELLANEOUS ITEMS	34.82	26.17	12.63	136.89	210.51
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	637.72	7,590.86	36.72	647.54	8,912.83

LEE COUNTY

TABLE 6.65: Lee County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
19,220	10	0	23.8	0.8	2.6	3.4	2,839	9,109

TABLE 6.66: Lee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	4.13	0.00	0.67	0.00	4.80
Steel Cans	4.45	0.00	9.34	0.00	13.79
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	259.40	0.00	2.94	0.00	262.34
TOTAL METAL	267.98	0.00	15.58	0.00	283.56
PAPER					
Cardboard	0.00	111.12	29.38	0.00	140.50
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	20.50	0.00	0.10	0.00	20.60
Office Paper	0.00	0.00	7.58	0.00	7.58
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.05	0.00	0.05
Mixed Paper	0.00	0.00	0.44	0.00	0.44
TOTAL PAPER	20.50	111.12	37.65	0.00	169.27
PLASTIC					
PET	0.00	0.00	0.21	0.00	0.21
HDPE	0.00	0.00	1.41	0.00	1.41
Commingled PET and HDPE	2.44	0.00	0.00	0.00	2.44
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	3.37	2.07	0.18	0.00	5.62
TOTAL PLASTIC	5.81	2.07	1.83	0.00	9.71
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	3.92	0.00	0.79	0.00	4.71
Used Motor Oil (from do-it-yourselfers)	17.00	0.00	0.00	0.00	17.00
Tires (car, truck)	146.19	22.62	2.46	0.00	171.27
Yard Trimmings	2,156.35	0.00	0.09	0.00	2,156.44
TOTAL BANNED ITEMS	2,323.46	22.62	3.34	0.00	2,349.42
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.20	0.14	0.00	0.34
Consumer Electronics	3.25	4.31	0.00	0.00	7.56
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.00	0.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.20	0.00	0.00	0.00	0.20
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.72	1.70	0.28	0.00	5.70
Wood Packaging	0.00	0.00	12.56	0.00	12.56
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	0.00	0.12	0.00	0.12
TOTAL MISCELLANEOUS ITEMS	7.17	6.21	13.17	0.00	26.55
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,624.92	142.02	71.73	0.00	2,838.67

LEXINGTON COUNTY

TABLE 6.67: Lexington County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
262,391	11	6	36.4	1.7	2.9	4.6	80,063	139,767

TABLE 6.68: Lexington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	168.32	0.00	0.00	0.00	168.32
Containers and Packaging – Clear	211.47	0.00	0.00	0.00	211.47
Containers and Packaging – Green	115.13	0.00	0.00	0.00	115.13
Mixed Glass	13.62	0.00	0.00	1.29	14.91
TOTAL GLASS	508.54	0.00	0.00	1.29	509.83
METAL					
Aluminum Cans	42.86	0.79	2.71	0.02	46.38
Steel Cans	13.86	0.00	0.00	0.04	13.90
Non-ferrous, Non-magnetic	0.00	1,305.60	0.00	0.00	1,305.60
Ferrous, Magnetic	0.00	44,804.00	2.61	198.40	45,005.01
Mixed Scrap Metal	581.24	9.17	3.94	55.80	650.15
TOTAL METAL	637.96	46,119.56	9.26	254.26	47,021.04
PAPER					
Cardboard	786.24	11,624.43	378.34	2,212.50	15,001.51
Magazines	0.00	0.00	0.08	0.00	0.08
Newspapers and Inserts	104.50	0.00	3.23	0.00	107.73
Office Paper	67.31	2,519.76	187.85	115.47	2,890.39
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	12.97	0.00	1.30	0.14	14.41
Mixed Paper	796.03	14.27	174.39	506.12	1,490.81
TOTAL PAPER	1,767.05	14,158.46	745.19	2,834.23	19,504.93
PLASTIC					
PET	0.00	1.15	4.03	0.00	5.18
HDPE	0.00	3.79	0.01	0.00	3.80
Commingled PET and HDPE	250.63	20.96	0.00	12.23	283.82
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	90.01	1.45	11.58	103.04
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	168.14	22.83	0.02	190.98
TOTAL PLASTIC	250.63	284.05	28.32	23.83	586.82
BANNED ITEMS					
Appliances	1,356.01	74.06	0.00	0.00	1,430.07
Lead-acid Batteries (car, truck, boat)	44.52	183.20	0.27	0.13	228.12
Used Motor Oil (from do-it-yourselfers)	340.00	0.00	0.00	0.00	340.00
Tires (car, truck)	454.74	305.33	0.73	0.00	760.80
Yard Trimmings	3,819.54	424.39	0.00	0.00	4,243.93
TOTAL BANNED ITEMS	6,014.81	986.98	1.00	0.13	7,002.92
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.70	0.14	0.00	0.84
Consumer Electronics	122.49	58.17	11.12	0.25	192.03
Cooking Oil	0.00	0.00	27.15	0.00	27.15
Fluorescent Bulbs	0.00	2.28	0.27	0.16	2.71
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.15	1.53	0.01	1.69
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	2.65	0.33	0.00	0.08	3.06
Textiles	66.37	0.00	0.00	0.00	66.37
Used Motor Oil Filters	22.86	16.51	0.28	0.00	39.65
Wood Packaging	0.00	509.97	4.13	369.13	883.23
Other Wood	0.00	0.00	89.91	0.00	89.91
Other Items	32.53	7.01	1.50	2.57	43.61
TOTAL MISCELLANEOUS ITEMS	246.90	595.12	136.03	372.20	1,350.25
COMMINGLED RECYCLABLES					
Commingled Recyclables	4,059.40	19.33	1.72	6.30	4,086.75
TOTAL COMMINGLED RECYCLABLES	4,059.40	19.33	1.72	6.30	4,086.75
TOTAL FOR ALL	13,485.29	62,163.50	921.52	3,492.23	80,062.54

MARION COUNTY

TABLE 6.69: Marion County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
33,062	5	0	29.5	1.1	2.6	3.7	6,521	15,614

TABLE 6.70: Marion County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.02	0.00	0.02
TOTAL GLASS	0.00	0.00	0.02	0.00	0.02
METAL					
Aluminum Cans	0.00	1.13	0.48	0.00	1.61
Steel Cans	0.00	0.00	0.24	0.00	0.24
Non-ferrous, Non-magnetic	0.00	0.09	0.00	0.00	0.09
Ferrous, Magnetic	0.00	6.00	2.61	0.00	8.61
Mixed Scrap Metal	0.00	3,040.00	2.72	0.00	3,042.72
TOTAL METAL	0.00	3,047.22	6.05	0.00	3,053.27
PAPER					
Cardboard	17.00	1,228.21	4.93	0.00	1,250.14
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	0.00	0.00	0.09	0.00	0.09
Office Paper	0.00	3.08	4.15	0.00	7.23
Paperboard	0.00	300.00	0.00	0.00	300.00
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	0.00	50.02	8.42	0.00	58.44
TOTAL PAPER	17.00	1,581.31	17.75	0.00	1,616.06
PLASTIC					
PET	0.00	0.24	0.05	0.00	0.29
HDPE	0.00	0.72	0.01	0.00	0.73
Commingle PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	16.55	0.00	0.00	16.55
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	2.07	0.12	0.00	2.19
TOTAL PLASTIC	0.00	19.58	0.18	0.00	19.76
BANNED ITEMS					
Appliances	100.00	0.00	0.00	0.00	100.00
Lead-acid Batteries (car, truck, boat)	0.00	27.43	0.30	0.00	27.73
Used Motor Oil (from do-it-yourselfers)	18.00	0.00	0.00	0.00	18.00
Tires (car, truck)	225.00	37.15	1.00	0.00	263.15
Yard Trimmings	765.00	0.00	0.00	0.00	765.00
TOTAL BANNED ITEMS	1,108.00	64.58	1.30	0.00	1,173.88
MISCELLANEOUS ITEMS					
Antifreeze	0.00	3.00	0.14	0.00	3.14
Consumer Electronics	8.89	2.26	5.19	0.00	16.34
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.10	0.00	0.00	0.00	0.10
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	9.13	6.30	0.00	15.43
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.00	1.53	0.12	0.00	1.65
TOTAL MISCELLANEOUS ITEMS	8.99	15.92	11.82	0.00	36.73
COMMINGLED RECYCLABLES					
Commingle Recyclables	620.99	0.00	0.00	0.00	620.99
TOTAL COMMINGLED RECYCLABLES	620.99	0.00	0.00	0.00	620.99
TOTAL FOR ALL	1,754.98	4,728.61	37.12	0.00	6,520.71

MARLBORO COUNTY

TABLE 6.71: Marlboro County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
28,933	5	0	11.1	0.3	2.5	2.8	1,622	13,040

TABLE 6.72: Marlboro County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.01	0.00	0.01
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.01	0.00	0.01
METAL					
Aluminum Cans	2.70	1.00	0.56	0.00	4.26
Steel Cans	0.00	3.00	9.34	0.00	12.34
Non-ferrous, Non-magnetic	0.00	73.50	0.00	0.00	73.50
Ferrous, Magnetic	193.00	78.00	2.68	292.00	565.68
Mixed Scrap Metal	0.00	0.00	2.68	0.00	2.68
TOTAL METAL	195.70	155.50	15.26	292.00	658.46
PAPER					
Cardboard	0.00	567.64	29.65	0.00	597.29
Magazines	0.00	4.00	0.11	0.00	4.11
Newspapers and Inserts	8.75	70.00	0.15	0.00	78.90
Office Paper	0.00	5.00	19.76	0.00	24.76
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.09	0.00	0.09
Mixed Paper	0.00	30.68	0.43	0.00	31.11
TOTAL PAPER	8.75	677.32	50.20	0.00	736.27
PLASTIC					
PET	0.00	0.00	0.06	0.00	0.06
HDPE	0.00	12.00	1.39	0.00	13.39
Commingle PET and HDPE	4.86	0.00	0.00	0.00	4.86
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	37.32	0.00	6.38	43.70
TOTAL PLASTIC	4.86	49.32	1.45	6.38	62.01
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.25	0.00	0.79	1.36	2.40
Used Motor Oil (from do-it-yourselfers)	13.00	0.00	0.00	0.00	13.00
Tires (car, truck)	20.00	38.23	2.46	0.00	60.69
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	33.25	38.23	3.25	1.36	76.09
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.36	0.14	0.00	0.50
Consumer Electronics	9.40	7.28	0.01	2.50	19.19
Cooking Oil	0.00	1.82	0.00	0.00	1.82
Fluorescent Bulbs	0.00	0.00	0.02	0.25	0.27
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.15	0.10	0.25
Mattresses	0.00	2.00	0.00	0.00	2.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.33	0.00	0.00	0.00	0.33
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.79	2.50	0.58	0.00	3.87
Wood Packaging	0.00	20.80	12.63	27.50	60.93
Other Wood	0.00	0.00	0.11	0.00	0.11
Other Items	0.00	0.00	0.12	0.00	0.12
TOTAL MISCELLANEOUS ITEMS	10.52	34.76	13.76	30.35	89.39
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	253.08	955.13	83.93	330.09	1,622.23

McCORMICK COUNTY

TABLE 6.73: McCormick County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
10,233	4	0	22.5	0.7	2.4	3.1	1,314	4,524

TABLE 6.74: McCormick County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	114.90	0.00	1.02	0.00	115.92
Steel Cans	0.00	0.00	9.34	0.00	9.34
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	92.19	0.00	2.63	0.00	94.82
Mixed Scrap Metal	14.71	0.00	3.42	0.00	18.13
TOTAL METAL	221.80	0.00	16.41	0.00	238.21
PAPER					
Cardboard	55.06	573.26	29.80	103.84	761.96
Magazines	0.00	0.00	0.09	0.00	0.19
Newspapers and Inserts	63.71	7.42	0.10	0.00	71.23
Office Paper	0.00	0.00	7.44	0.75	8.19
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.05	0.00	0.05
Mixed Paper	21.59	15.75	0.44	0.32	38.10
TOTAL PAPER	140.36	596.43	37.93	104.91	879.63
PLASTIC					
PET	0.00	0.00	0.21	0.00	0.21
HDPE	0.00	0.00	1.41	0.00	1.41
Commingle PET and HDPE	10.54	0.00	0.00	0.00	10.54
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	2.07	0.18	0.00	2.25
TOTAL PLASTIC	10.54	2.07	1.83	0.00	14.44
BANNED ITEMS					
Appliances	31.84	0.00	0.00	0.00	31.84
Lead-acid Batteries (car, truck, boat)	1.86	0.00	3.28	0.00	5.14
Used Motor Oil (from do-it-yourselfers)	14.00	0.00	0.00	0.00	14.00
Tires (car, truck)	36.70	48.78	2.81	0.00	88.29
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	84.40	48.78	6.18	0.00	139.36
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	17.17	6.46	0.00	0.00	23.63
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.29	0.00	0.00	0.00	0.29
Inkjet and Toner Cartridges	0.00	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.01	0.00	0.01
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.59	0.00	0.35	0.00	0.94
Wood Packaging	0.00	0.00	12.56	3.90	16.46
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	0.00	0.43	0.00	0.43
TOTAL MISCELLANEOUS ITEMS	18.05	6.46	13.90	3.90	42.31
COMMINGLED RECYCLABLES					
Commingle Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	475.15	653.74	76.41	108.81	1,314.11

NEWBERRY COUNTY

TABLE 6.75: Newberry County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
37,508	12	0	12.0	0.6	4.5	5.1	4,225	30,893

TABLE 6.76: Newberry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	0.00	0.03
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	0.00	0.00	0.16	0.00	0.16
METAL					
Aluminum Cans	9.51	0.07	0.79	0.00	10.37
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.11	0.00	0.00	0.11
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	403.51	2.39	2.94	0.00	408.84
TOTAL METAL	413.02	2.57	6.36	0.00	421.95
PAPER					
Cardboard	95.79	972.08	1.42	0.00	1,069.29
Magazines	0.00	0.00	0.29	0.00	0.29
Newspapers and Inserts	0.00	0.00	0.10	0.00	0.10
Office Paper	0.00	0.87	4.22	0.00	5.09
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.28	0.00	0.28
Mixed Paper	279.33	0.80	0.44	0.00	280.57
TOTAL PAPER	375.12	973.75	6.76	0.00	1,355.63
PLASTIC					
PET	0.00	0.17	0.21	0.00	0.38
HDPE	0.00	0.40	0.33	0.00	0.73
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	9.96	0.00	0.00	9.96
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	18.09	9.39	0.18	0.00	27.66
TOTAL PLASTIC	18.09	19.92	0.75	0.00	38.76
BANNED ITEMS					
Appliances	0.00	21.92	0.00	0.00	21.92
Lead-acid Batteries (car, truck, boat)	4.24	24.80	0.17	0.00	29.21
Used Motor Oil (from do-it-yourselfers)	36.00	0.00	0.00	0.00	36.00
Tires (car, truck)	190.09	43.62	0.73	0.00	234.44
Yard Trimmings	1,954.76	0.00	0.09	0.00	1,954.85
TOTAL BANNED ITEMS	2,185.09	90.34	0.99	0.00	2,276.42
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	41.27	8.31	0.00	0.00	49.58
Cooking Oil	0.00	0.00	0.00	0.00	0.00
Fluorescent Bulbs	0.14	0.00	0.02	0.00	0.16
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.38	0.00	0.00	0.00	0.38
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	2.00	2.13	0.28	0.00	4.41
Wood Packaging	0.00	75.60	0.03	0.00	75.63
Other Wood	0.00	0.00	0.01	0.00	0.01
Other Items	0.00	1.40	0.12	0.00	1.52
TOTAL MISCELLANEOUS ITEMS	43.79	87.44	0.62	0.00	131.85
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	3,035.11	1,174.02	15.64	0.00	4,224.77

OCONEE COUNTY

TABLE 6.77: Oconee County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
74,273	18	3	25.1	1.0	3.0	4.0	13,629	40,727

TABLE 6.78: Oconee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	71.73	0.00	0.09	0.00	71.82
Containers and Packaging – Clear	119.19	0.00	0.13	0.00	119.32
Containers and Packaging – Green	95.27	0.00	0.04	0.00	95.31
Mixed Glass	0.00	0.00	0.40	0.00	0.40
TOTAL GLASS	286.19	0.00	0.66	0.00	286.85
METAL					
Aluminum Cans	15.60	0.48	2.92	0.67	19.67
Steel Cans	0.00	0.00	0.24	11.58	11.82
Non-ferrous, Non-magnetic	0.00	0.32	0.00	65.00	65.32
Ferrous, Magnetic	0.00	0.00	2.78	538.39	541.17
Mixed Scrap Metal	87.60	2.39	4.22	23.44	117.65
TOTAL METAL	103.20	3.19	10.16	639.08	755.63
PAPER					
Cardboard	1,089.89	2,189.67	6.22	686.50	3,972.28
Magazines	0.00	1.00	20.35	0.55	21.90
Newspapers and Inserts	212.49	1.00	151.57	0.87	365.93
Office Paper	0.00	0.50	45.05	174.50	220.05
Paperboard	0.00	0.00	0.03	0.00	0.03
Telephone Books	0.00	0.00	0.11	0.00	0.11
Mixed Paper	517.81	2.12	8.46	119.84	648.23
TOTAL PAPER	1,820.19	2,194.29	231.79	982.25	5,228.52
PLASTIC					
PET	0.00	7.18	0.67	0.00	7.85
HDPE	0.00	0.32	0.10	0.00	0.42
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.13	0.00	0.13
LDPE	0.00	12.22	0.00	0.00	12.22
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	128.30	15.57	0.86	34.22	178.95
TOTAL PLASTIC	128.30	35.29	1.76	34.22	199.57
BANNED ITEMS					
Appliances	760.42	28.72	0.00	0.00	789.14
Lead-acid Batteries (car, truck, boat)	61.86	198.70	2.79	0.85	264.20
Used Motor Oil (from do-it-yourselfers)	65.00	0.00	0.00	0.00	65.00
Tires (car, truck)	380.33	644.04	1.35	0.00	1,025.72
Yard Trimmings	2,938.75	0.00	0.37	3.00	2,942.12
TOTAL BANNED ITEMS	4,206.36	871.46	4.51	3.85	5,086.18
MISCELLANEOUS ITEMS					
Antifreeze	0.00	18.46	0.26	1.00	19.72
Consumer Electronics	0.00	16.52	0.20	5.17	21.89
Cooking Oil	5.56	559.23	0.17	0.00	564.96
Fluorescent Bulbs	0.00	0.36	0.05	4.88	5.29
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.61	0.25	0.14	1.37	2.37
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.36	0.64	0.01	0.19	2.20
Textiles	127.30	0.00	0.00	0.00	127.30
Used Motor Oil Filters	3.60	4.47	0.37	7.63	16.07
Wood Packaging	0.00	364.15	0.10	522.24	886.49
Other Wood	0.00	0.00	0.15	422.23	422.38
Other Items	0.11	1.29	0.43	1.30	3.13
TOTAL MISCELLANEOUS ITEMS	138.54	965.37	1.88	966.01	2,071.80
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	6,682.78	4,069.60	250.76	2,625.41	13,628.55

ORANGEBURG COUNTY

TABLE 6.79: Orangeburg County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
92,501	22	1	23.3	1.0	3.3	4.3	16,766	55,184

TABLE 6.80: Orangeburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	3.91	0.00	0.02	0.00	3.93
Containers and Packaging – Clear	10.59	0.00	0.03	0.00	10.62
Containers and Packaging – Green	4.82	0.00	0.01	0.00	4.83
Mixed Glass	2.55	0.00	0.10	0.00	2.65
TOTAL GLASS	21.87	0.00	0.16	0.00	22.03
METAL					
Aluminum Cans	3.92	1.40	0.59	0.00	5.91
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	14.94	0.00	0.00	14.94
Ferrous, Magnetic	0.00	8,405.23	2.63	0.00	8,407.86
Mixed Scrap Metal	330.15	2.39	2.94	0.00	335.48
TOTAL METAL	334.07	8,423.96	6.16	0.00	8,764.19
PAPER					
Cardboard	347.68	3,119.17	224.44	1,709.75	5,401.04
Magazines	0.00	0.00	0.09	0.50	0.59
Newspapers and Inserts	149.25	0.00	24.93	0.25	174.43
Office Paper	4.73	8.85	4.06	0.50	18.14
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.25	0.28
Mixed Paper	0.00	195.53	0.44	0.00	195.97
TOTAL PAPER	501.66	3,323.55	254.00	1,711.25	5,790.46
PLASTIC					
PET	0.00	0.19	0.21	0.00	0.40
HDPE	23.89	0.59	0.03	1.44	25.95
Commingled PET and HDPE	0.52	0.00	0.00	32.58	33.10
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	14.39	0.00	0.00	14.39
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.58	31.83	0.18	45.45	78.04
TOTAL PLASTIC	24.99	47.00	0.45	79.47	151.91
BANNED ITEMS					
Appliances	0.00	21.92	0.00	0.00	21.92
Lead-acid Batteries (car, truck, boat)	2.52	50.26	0.17	1.00	53.95
Used Motor Oil (from do-it-yourselfers)	69.00	0.00	0.00	0.00	69.00
Tires (car, truck)	697.64	142.55	0.73	0.00	840.92
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	769.16	214.73	0.99	1.00	985.88
MISCELLANEOUS ITEMS					
Antifreeze	0.22	0.00	0.14	0.00	0.36
Consumer Electronics	18.45	20.52	0.99	0.00	39.96
Cooking Oil	8.40	561.43	0.00	0.00	569.83
Fluorescent Bulbs	0.00	0.10	0.02	0.00	0.12
Food Scraps	0.00	19.87	0.00	2.00	21.87
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	5.23	0.00	0.00	0.00	5.23
Rechargeable Batteries	0.93	0.00	0.00	0.00	0.93
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	3.84	2.75	0.28	0.00	6.87
Wood Packaging	0.00	181.00	0.03	0.00	181.03
Other Wood	0.00	0.00	0.01	2.50	2.51
Other Items	0.01	73.40	0.12	0.00	73.53
TOTAL MISCELLANEOUS ITEMS	37.08	859.07	1.61	4.50	902.26
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	149.70	0.00	0.00	149.70
TOTAL COMMINGLED RECYCLABLES	0.00	149.70	0.00	0.00	149.70
TOTAL FOR ALL	1,688.83	13,018.01	263.37	1,796.22	16,766.43

PICKENS COUNTY

TABLE 6.81: Pickens County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
119,224	37	7	39.2	1.5	2.3	3.8	32,615	50,604

TABLE 6.82: Pickens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	185.29	0.00	0.04	0.00	185.33
Containers and Packaging – Clear	244.43	0.00	0.06	0.00	244.49
Containers and Packaging – Green	141.58	0.00	0.02	0.00	141.60
Mixed Glass	0.00	0.00	34.92	0.00	34.92
TOTAL GLASS	571.30	0.00	35.04	0.00	606.34
METAL					
Aluminum Cans	132.56	10.14	6.15	1.50	150.35
Steel Cans	0.00	0.00	0.32	0.00	0.32
Non-ferrous, Non-magnetic	0.00	28.09	0.00	0.00	28.09
Ferrous, Magnetic	0.00	336.00	2.66	0.00	338.66
Mixed Scrap Metal	33.40	1,544.56	111.08	37.57	1,726.61
TOTAL METAL	165.96	1,918.79	120.21	39.07	2,244.03
PAPER					
Cardboard	2,309.72	7,143.77	190.01	74.90	9,718.40
Magazines	0.00	3.50	0.12	0.00	3.62
Newspapers and Inserts	0.00	0.25	0.14	0.00	0.39
Office Paper	3.62	8.46	181.78	4.80	198.66
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.07	0.00	0.07
Mixed Paper	1,680.82	37.40	168.02	8.60	1,894.84
TOTAL PAPER	3,994.16	7,193.38	540.15	88.30	11,815.99
PLASTIC					
PET	18.30	3.01	0.36	0.00	21.67
HDPE	40.42	2.16	0.06	0.60	43.24
Commingled PET and HDPE	133.60	0.50	22.75	0.00	156.85
V – PVC	0.00	0.00	0.06	0.00	0.06
LDPE	0.00	15.75	0.00	0.00	15.75
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	182.99	0.49	9.49	192.97
TOTAL PLASTIC	192.32	204.41	23.72	10.09	430.54
BANNED ITEMS					
Appliances	2,478.82	55.34	0.00	0.00	2,534.16
Lead-acid Batteries (car, truck, boat)	22.56	284.69	4.23	0.07	311.55
Used Motor Oil (from do-it-yourselfers)	132.00	0.00	0.00	0.00	132.00
Tires (car, truck)	550.40	325.53	1.35	0.00	877.28
Yard Trimmings	8,314.00	0.00	544.08	0.00	8,858.08
TOTAL BANNED ITEMS	11,497.78	665.56	549.66	0.07	12,713.07
MISCELLANEOUS ITEMS					
Antifreeze	8.94	0.00	0.26	0.00	9.20
Consumer Electronics	410.59	26.77	9.13	0.79	447.28
Cooking Oil	103.45	0.00	8.40	0.00	111.85
Fluorescent Bulbs	1.20	0.35	5.69	0.61	7.85
Food Scraps	0.00	0.00	23.77	0.00	23.77
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.10	0.04	0.00	0.14
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	34.50	1.00	0.00	0.00	35.50
Rechargeable Batteries	1.21	0.12	0.01	0.00	1.34
Textiles	0.00	45.00	0.00	0.00	45.00
Used Motor Oil Filters	6.49	2.20	0.37	0.00	9.16
Wood Packaging	0.00	395.38	21.02	254.59	670.99
Other Wood	129.39	1.00	3.23	0.00	133.62
Other Items	0.02	2.82	5.88	0.11	8.83
TOTAL MISCELLANEOUS ITEMS	695.79	474.74	77.80	256.10	1,504.43
COMMINGLED RECYCLABLES					
Commingled Recyclables	274.01	3,015.65	11.34	0.00	3,301.00
TOTAL COMMINGLED RECYCLABLES	274.01	3,015.65	11.34	0.00	3,301.00
TOTAL FOR ALL	17,391.32	13,472.53	1,357.92	393.63	32,615.40

RICHLAND COUNTY

TABLE 6.83: Richland County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
384,504	12	1	26.9	1.4	3.9	5.4	100,939	274,667

TABLE 6.84: Richland County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	176.00	0.00	7.80	0.00	183.80
Containers and Packaging – Clear	556.64	0.00	24.85	0.00	581.49
Containers and Packaging – Green	817.34	0.00	18.77	0.00	836.11
Mixed Glass	117.50	0.00	4.37	0.00	121.87
TOTAL GLASS	1,667.48	0.00	55.79	0.00	1,723.27
METAL					
Aluminum Cans	127.93	1.02	63.97	0.33	193.25
Steel Cans	425.00	0.00	1,172.69	0.00	1,597.69
Non-ferrous, Non-magnetic	0.00	62.56	437.20	0.00	499.76
Ferrous, Magnetic	4.25	34,929.20	39.46	0.00	34,972.91
Mixed Scrap Metal	765.02	64.98	210.53	0.00	1,040.53
TOTAL METAL	1,322.20	35,057.76	1,923.85	0.33	38,304.14
PAPER					
Cardboard	536.00	18,727.48	6,027.37	929.80	26,220.65
Magazines	0.00	0.00	63.98	107.51	171.49
Newspapers and Inserts	1,628.59	1,094.11	16.61	2.74	2,742.05
Office Paper	3,125.00	933.05	1,230.55	987.68	6,276.28
Paperboard	147.00	1,644.36	6.29	20.35	1,818.00
Telephone Books	13.64	4.88	44.19	6.50	69.21
Mixed Paper	43.75	258.24	1,530.38	0.00	1,832.37
TOTAL PAPER	5,493.98	22,662.12	8,919.37	2,054.58	39,130.37
PLASTIC					
PET	0.00	1.75	29.40	4.29	35.44
HDPE	0.58	127.96	269.85	0.15	398.54
Commingled PET and HDPE	0.00	0.00	47.77	0.00	47.77
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	169.92	63.00	0.00	232.92
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	654.88	123.53	35.02	0.00	813.43
TOTAL PLASTIC	655.46	423.16	445.07	4.44	1,528.13
BANNED ITEMS					
Appliances	0.00	142.20	0.00	12.05	154.25
Lead-acid Batteries (car, truck, boat)	0.00	1,863.39	9.39	6.00	1,878.78
Used Motor Oil (from do-it-yourselfers)	114.00	0.00	0.00	0.00	114.00
Tires (car, truck)	823.83	447.49	4.46	0.00	1,275.78
Yard Trimmings	0.00	6,921.44	0.11	0.00	6,921.55
TOTAL BANNED ITEMS	937.83	9,374.52	13.96	18.05	10,344.36
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	1.84	2.50	4.34
Consumer Electronics	331.07	85.25	133.62	0.72	550.66
Cooking Oil	0.00	0.00	28.08	0.00	28.08
Fluorescent Bulbs	0.00	2.46	6.20	1.25	9.91
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	60.00	0.00	0.00	0.00	60.00
Inkjet and Toner Cartridges	0.00	0.00	7.15	0.00	7.15
Mattresses	9.00	0.00	0.00	0.00	9.00
Paint	0.00	0.00	0.07	0.03	0.10
Rechargeable Batteries	3.88	0.60	1.39	0.07	5.94
Textiles	0.00	0.00	48.76	0.00	48.76
Used Motor Oil Filters	2.70	12.50	0.63	2.50	18.33
Wood Packaging	0.00	821.39	115.57	0.00	936.96
Other Wood	23.00	0.00	35.03	0.00	58.03
Other Items	0.05	6.41	18.43	0.00	24.89
TOTAL MISCELLANEOUS ITEMS	429.70	928.61	396.77	7.07	1,762.15
COMMINGLED RECYCLABLES					
Commingled Recyclables	8,073.01	1.28	72.54	0.00	8,146.83
TOTAL COMMINGLED RECYCLABLES	8,073.01	1.28	72.54	0.00	8,146.83
TOTAL FOR ALL	18,579.66	68,447.45	11,827.35	2,084.47	100,938.93

SALUDA COUNTY

TABLE 6.85: Saluda County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
19,875	7	1	22.4	0.7	2.5	3.2	2,641	9,138

TABLE 6.86: Saluda County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00	0.00
METAL					
Aluminum Cans	110.70	0.00	0.76	0.50	111.96
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	22.39	12.10	2.61	0.00	37.10
Mixed Scrap Metal	154.38	79.75	3.16	0.00	237.29
TOTAL METAL	287.47	91.85	6.53	0.50	386.35
PAPER					
Cardboard	77.80	782.81	1.46	425.71	1,287.78
Magazines	0.00	0.00	0.07	0.00	0.07
Newspapers and Inserts	80.23	0.00	0.07	0.00	80.30
Office Paper	0.00	0.00	0.84	1.00	1.84
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	76.20	36.03	21.49	0.00	133.72
TOTAL PAPER	234.23	818.84	23.96	426.71	1,503.74
PLASTIC					
PET	0.00	0.00	0.05	0.00	0.05
HDPE	0.00	0.00	0.01	0.00	0.01
Commingled PET and HDPE	25.87	0.00	1.79	0.00	27.66
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	2.07	0.00	5.43	7.50
TOTAL PLASTIC	25.87	2.07	1.85	5.43	35.22
BANNED ITEMS					
Appliances	62.20	0.00	0.00	0.00	62.20
Lead-acid Batteries (car, truck, boat)	4.58	23.50	2.66	0.00	30.74
Used Motor Oil (from do-it-yourselfers)	33.00	0.00	0.00	0.00	33.00
Tires (car, truck)	100.23	66.66	1.07	0.00	167.96
Yard Trimmings	0.00	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	200.01	90.16	3.73	0.00	293.90
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.58	0.26	0.00	0.84
Consumer Electronics	8.18	4.41	0.00	0.00	12.59
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.04	0.00	0.04
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	2.12	0.00	0.00	2.12
Rechargeable Batteries	0.20	0.00	0.01	0.00	0.21
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	1.38	3.35	0.35	0.00	5.08
Wood Packaging	0.00	0.00	0.03	400.00	400.03
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.43	0.00	0.43
TOTAL MISCELLANEOUS ITEMS	9.76	10.46	1.34	400.00	421.56
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	757.34	1,013.38	37.41	832.64	2,640.77

SPARTANBURG COUNTY

TABLE 6.87: Spartanburg County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
284,307	22	2	34.1	2.8	5.5	8.3	147,296	284,064

TABLE 6.88: Spartanburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.02	0.00	0.02
Containers and Packaging – Clear	0.00	0.00	0.03	1.70	1.73
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	18.10	0.00	0.10	4.50	22.70
TOTAL GLASS	18.10	0.00	0.16	6.20	24.46
METAL					
Aluminum Cans	4.15	2,509.38	0.69	4.28	2,518.50
Steel Cans	0.21	0.00	9.34	28.44	37.99
Non-ferrous, Non-magnetic	0.00	1,662.63	0.00	27.90	1,690.53
Ferrous, Magnetic	0.00	25,825.03	2.63	123.70	25,951.36
Mixed Scrap Metal	224.39	10,812.57	2.94	221.87	11,261.77
TOTAL METAL	228.75	40,809.61	15.60	406.19	41,460.15
PAPER					
Cardboard	1,201.06	53,658.08	69.22	1,383.95	56,312.31
Magazines	0.00	0.00	0.09	0.06	0.15
Newspapers and Inserts	0.00	0.00	0.25	0.08	0.33
Office Paper	0.00	9.59	20.83	6,037.29	6,067.71
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.24	0.25	0.49
Mixed Paper	2,889.72	12,360.17	15.47	245.12	15,510.48
TOTAL PAPER	4,090.78	66,027.84	106.11	7,666.74	77,891.47
PLASTIC					
PET	0.00	2.95	0.21	0.97	4.13
HDPE	0.00	4.30	1.41	0.00	5.71
Commingled PET and HDPE	0.00	525.00	0.64	0.00	525.64
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	96.93	0.00	0.00	96.93
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	25.86	1,976.25	0.18	28.99	2,031.28
TOTAL PLASTIC	25.86	2,605.43	2.47	29.96	2,663.72
BANNED ITEMS					
Appliances	756.10	92.66	0.00	0.00	848.76
Lead-acid Batteries (car, truck, boat)	23.08	235.17	0.79	3.07	262.11
Used Motor Oil (from do-it-yourselfers)	227.00	0.00	0.00	0.00	227.00
Tires (car, truck)	1,254.33	597.63	2.46	0.00	1,854.42
Yard Trimmings	16,706.00	0.00	36.62	0.25	16,742.87
TOTAL BANNED ITEMS	18,966.51	925.46	39.87	3.32	19,935.16
MISCELLANEOUS ITEMS					
Antifreeze	8.36	0.00	0.26	0.00	8.62
Consumer Electronics	63.27	63.59	7.04	13.22	147.12
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.57	2.20	4.83	7.60
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.19	0.63	0.82
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	11.29	0.00	0.00	0.00	11.29
Rechargeable Batteries	2.87	0.41	0.18	1.99	5.45
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	9.95	14.50	0.35	0.06	24.86
Wood Packaging	0.00	467.07	12.63	1,301.02	1,780.72
Other Wood	0.00	0.00	0.12	0.25	0.37
Other Items	0.04	25.18	0.44	46.61	72.27
TOTAL MISCELLANEOUS ITEMS	95.78	571.32	23.58	1,368.62	2,059.29
COMMINGLED RECYCLABLES					
Commingled Recyclables	2,036.58	1,225.00	0.00	0.00	3,261.58
TOTAL COMMINGLED RECYCLABLES	2,036.58	1,225.00	0.00	0.00	3,261.58
TOTAL FOR ALL	25,462.36	112,164.66	187.79	9,481.02	147,295.82

SUMTER COUNTY

TABLE 6.89: Sumter County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
107,456	10	1	22.4	0.8	2.9	3.7	16,365	56,621

TABLE 6.90: Sumter County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	113.40	0.00	0.02	0.00	113.42
Containers and Packaging – Clear	14.90	0.00	0.04	0.00	14.94
Containers and Packaging – Green	113.40	0.00	0.01	0.00	113.41
Mixed Glass	363.77	0.00	0.10	0.00	363.87
TOTAL GLASS	605.47	0.00	0.17	0.00	605.64
METAL					
Aluminum Cans	69.24	5.41	2.25	0.33	77.23
Steel Cans	238.18	0.00	9.34	0.10	247.62
Non-ferrous, Non-magnetic	656.47	0.34	0.00	0.00	656.81
Ferrous, Magnetic	0.00	0.00	6.02	5.00	11.02
Mixed Scrap Metal	2,799.53	2.39	3.72	0.00	2,805.64
TOTAL METAL	3,763.42	8.14	21.33	5.43	3,798.32
PAPER					
Cardboard	2,035.10	1,905.07	32.89	0.00	3,973.06
Magazines	0.00	0.00	1.19	0.00	1.19
Newspapers and Inserts	8.99	0.00	1.00	0.00	9.99
Office Paper	102.10	1.35	27.18	0.75	131.38
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.53	0.01	0.54
Mixed Paper	1,333.08	0.96	3.44	0.36	1,337.84
TOTAL PAPER	3,479.27	1,907.38	66.24	1.12	5,454.01
PLASTIC					
PET	108.10	21.08	0.46	0.00	129.64
HDPE	107.12	1.06	1.41	0.00	109.59
Commingled PET and HDPE	0.00	0.00	1.33	0.00	1.33
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	19.00	0.00	0.00	19.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	133.36	11.46	0.18	0.00	145.00
TOTAL PLASTIC	348.58	52.60	3.41	0.00	404.59
BANNED ITEMS					
Appliances	2,919.60	21.92	0.00	0.00	2,941.52
Lead-acid Batteries (car, truck, boat)	136.14	41.10	3.33	0.25	180.82
Used Motor Oil (from do-it-yourselfers)	96.00	0.00	0.00	0.00	96.00
Tires (car, truck)	483.34	124.93	2.81	0.00	611.08
Yard Trimmings	1,616.48	0.00	0.09	0.00	1,616.57
TOTAL BANNED ITEMS	5,251.56	187.95	6.23	0.25	5,445.99
MISCELLANEOUS ITEMS					
Antifreeze	8.33	0.00	0.26	0.00	8.59
Consumer Electronics	170.81	23.80	0.01	0.00	194.62
Cooking Oil	4.98	0.00	0.17	0.00	5.15
Fluorescent Bulbs	3.38	0.00	0.05	0.12	3.55
Food Scraps	96.87	0.00	0.00	0.00	96.87
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	3.06	0.00	0.19	0.01	3.26
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	1.08	0.00	0.01	0.00	1.09
Textiles	38.40	0.00	0.00	0.00	38.40
Used Motor Oil Filters	10.80	8.25	0.35	0.00	19.40
Wood Packaging	6.97	157.50	13.38	0.00	177.85
Other Wood	104.67	0.00	0.47	0.00	105.14
Other Items	0.01	1.70	0.44	0.00	2.15
TOTAL MISCELLANEOUS ITEMS	449.36	191.25	15.33	0.13	656.07
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	13,897.66	2,347.32	112.71	6.92	16,364.61

UNION COUNTY

TABLE 6.91: Union County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
28,961	11	0	9.0	0.3	3.5	3.8	1,810	18,323

TABLE 6.92: Union County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	13.62	0.00	0.02	0.00	13.64
Containers and Packaging – Clear	8.09	0.00	0.03	0.00	8.11
Containers and Packaging – Green	0.00	0.00	0.01	0.00	0.01
Mixed Glass	0.00	0.00	0.10	0.00	0.10
TOTAL GLASS	21.70	0.00	0.16	0.00	21.86
METAL					
Aluminum Cans	1.40	0.66	0.95	0.00	3.01
Steel Cans	0.00	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	2.63	0.00	2.63
Mixed Scrap Metal	156.19	0.00	3.42	54.73	214.34
TOTAL METAL	157.59	0.66	7.00	54.73	219.98
PAPER					
Cardboard	186.24	791.10	1.57	53.47	1,032.38
Magazines	0.00	0.00	0.09	0.00	0.09
Newspapers and Inserts	0.00	0.00	0.10	0.00	0.10
Office Paper	0.00	0.80	1.94	0.00	2.74
Paperboard	0.00	0.00	0.01	0.00	0.01
Telephone Books	0.00	0.00	0.03	0.00	0.03
Mixed Paper	198.56	2.04	0.45	0.00	201.95
TOTAL PAPER	384.80	793.94	4.19	53.47	1,236.40
PLASTIC					
PET	12.58	0.77	0.21	0.00	13.56
HDPE	5.36	1.13	0.03	0.00	6.52
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.03	0.00	0.03
LDPE	0.00	13.48	0.00	0.00	13.48
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	7.32	0.19	24.27	31.78
TOTAL PLASTIC	17.94	22.70	0.46	24.27	65.37
BANNED ITEMS					
Appliances	0.00	0.00	0.00	0.00	0.00
Lead-acid Batteries (car, truck, boat)	0.50	13.80	2.66	0.00	16.96
Used Motor Oil (from do-it-yourselfers)	20.00	0.00	0.00	0.00	20.00
Tires (car, truck)	130.74	33.93	1.07	0.00	165.74
Yard Trimmings	0.00	0.00	0.09	0.00	0.09
TOTAL BANNED ITEMS	151.24	47.73	3.82	0.00	202.79
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.26	0.00	0.26
Consumer Electronics	0.00	6.46	0.00	0.00	6.46
Cooking Oil	0.00	0.00	0.17	0.00	0.17
Fluorescent Bulbs	0.00	0.00	0.05	0.00	0.05
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.05	0.00	0.05
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	1.00	0.00	0.00	0.00	1.00
Rechargeable Batteries	0.29	0.00	0.01	0.00	0.30
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.89	0.00	0.35	0.00	1.24
Wood Packaging	0.00	0.00	0.83	50.05	50.88
Other Wood	0.00	0.00	0.31	0.00	0.31
Other Items	0.00	2.25	0.43	0.00	2.68
TOTAL MISCELLANEOUS ITEMS	2.18	8.71	2.46	50.05	63.40
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00	0.00
TOTAL FOR ALL	735.45	873.74	18.09	182.51	1,809.79

WILLIAMSBURG COUNTY

TABLE 6.93: Williamsburg County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
34,423	20	1	14.9	0.3	1.9	2.3	2,138	12,212

TABLE 6.94: Williamsburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00	0.00
Mixed Glass	0.00	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00	0.00
METAL					
Aluminum Cans	5.00	11.20	0.62	0.00	16.82
Steel Cans	0.00	3.69	0.00	0.00	3.69
Non-ferrous, Non-magnetic	0.00	5.27	0.00	0.00	5.27
Ferrous, Magnetic	0.00	56.92	6.61	0.00	63.53
Mixed Scrap Metal	110.00	35.71	2.68	0.00	148.39
TOTAL METAL	115.00	112.79	9.91	0.00	237.70
PAPER					
Cardboard	220.00	734.42	1.01	10.12	965.55
Magazines	0.00	0.00	0.07	0.00	0.07
Newspapers and Inserts	0.00	12.50	0.07	0.00	12.57
Office Paper	5.20	8.45	0.43	0.00	14.08
Paperboard	0.00	0.00	0.00	0.00	0.00
Telephone Books	0.00	18.96	0.13	0.00	19.09
Mixed Paper	0.00	0.68	2.43	0.00	3.11
TOTAL PAPER	225.20	775.01	4.14	10.12	1,014.47
PLASTIC					
PET	0.00	0.00	0.05	0.00	0.05
HDPE	0.00	10.89	0.01	0.00	10.90
Commingled PET and HDPE	0.00	0.00	0.00	0.00	0.00
V – PVC	0.00	0.00	0.00	0.00	0.00
LDPE	0.00	4.14	0.00	0.00	4.14
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	5.25	0.00	0.00	5.25
TOTAL PLASTIC	0.00	20.28	0.06	0.00	20.34
BANNED ITEMS					
Appliances	345.26	0.00	0.00	0.00	345.26
Lead-acid Batteries (car, truck, boat)	0.00	5.26	0.17	4.21	9.64
Used Motor Oil (from do-it-yourselfers)	28.00	0.00	0.00	0.00	28.00
Tires (car, truck)	285.89	135.30	0.73	0.00	421.92
Yard Trimmings	0.00	0.00	6.23	0.00	6.23
TOTAL BANNED ITEMS	659.15	140.56	7.13	4.21	811.05
MISCELLANEOUS ITEMS					
Antifreeze	0.00	0.00	0.14	0.00	0.14
Consumer Electronics	2.52	7.59	2.00	5.86	17.97
Cooking Oil	0.00	22.10	0.00	0.00	22.10
Fluorescent Bulbs	0.00	0.00	0.02	0.00	0.02
Food Scraps	0.00	0.00	0.00	0.00	0.00
Hazardous Household Materials	0.00	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.00	0.02	0.00	0.02
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.35	0.00	0.00	0.00	0.35
Textiles	0.00	0.00	0.00	0.00	0.00
Used Motor Oil Filters	0.00	3.86	0.28	0.00	4.14
Wood Packaging	0.00	0.00	0.03	0.00	0.03
Other Wood	0.00	0.00	0.00	0.00	0.00
Other Items	0.00	0.00	0.12	0.00	0.12
TOTAL MISCELLANEOUS ITEMS	2.87	33.55	2.61	5.86	44.89
COMMINGLED RECYCLABLES					
Commingled Recyclables	0.00	0.00	0.00	10.00	10.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	10.00	10.00
TOTAL FOR ALL	1,002.22	1,082.19	23.85	30.19	2,138.45

YORK COUNTY

TABLE 6.95: York County's MSW Summary

POPULATION	DROP-OFF CENTERS	CURBSIDE PROGRAMS	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
226,073	25	6	28.9	1.3	3.3	4.6	55,164	135,637

TABLE 6.96: York County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL	INSTITUTIONAL/ NONPROFIT	INDUSTRIAL PACKAGING	TOTAL
GLASS					
Containers and Packaging – Brown	373.25	0.00	0.02	1.98	375.25
Containers and Packaging – Clear	469.33	0.00	0.04	321.99	791.36
Containers and Packaging – Green	146.36	0.00	0.01	0.99	147.46
Mixed Glass	25.00	0.00	0.11	1.29	26.40
TOTAL GLASS	1,013.94	0.00	0.18	326.25	1,340.37
METAL					
Aluminum Cans	103.64	11.90	1.09	98.78	215.41
Steel Cans	82.73	0.00	9.35	1.45	93.53
Non-ferrous, Non-magnetic	0.00	125.71	0.00	0.00	125.71
Ferrous, Magnetic	0.00	335.40	82.26	8,506.30	8,923.96
Mixed Scrap Metal	1,703.89	240.90	57.20	345.00	2,346.99
TOTAL METAL	1,890.26	713.91	149.90	8,951.53	11,705.60
PAPER					
Cardboard	2,486.23	4,580.90	72.65	14,725.90	21,865.68
Magazines	91.65	3.88	0.13	4.05	99.71
Newspapers and Inserts	1,376.14	6.37	1.29	2.69	1,386.49
Office Paper	161.07	106.20	21.04	156.47	444.78
Paperboard	125.80	3.00	0.01	0.00	128.81
Telephone Books	18.82	6.12	0.99	4.32	30.25
Mixed Paper	1,023.27	9.43	88.08	9.77	1,130.55
TOTAL PAPER	5,282.98	4,715.90	184.19	14,903.20	25,086.27
PLASTIC					
PET	224.70	1.87	0.21	2.22	229.00
HDPE	182.41	1.76	1.41	13.99	199.57
Commingled PET and HDPE	0.00	0.00	0.54	0.00	0.54
V – PVC	0.00	39.12	0.03	0.00	39.15
LDPE	0.00	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	61.81	0.18	588.32	650.31
TOTAL PLASTIC	407.11	104.56	2.37	604.53	1,118.57
BANNED ITEMS					
Appliances	19.67	101.58	0.53	0.00	121.78
Lead-acid Batteries (car, truck, boat)	27.70	300.74	3.96	1.79	334.19
Used Motor Oil (from do-it-yourselfers)	203.00	0.00	0.00	0.00	203.00
Tires (car, truck)	751.54	470.70	2.81	63.98	1,289.03
Yard Trimmings	6,174.81	11.00	2.59	0.00	6,188.40
TOTAL BANNED ITEMS	7,176.72	884.02	9.89	65.77	8,136.40
MISCELLANEOUS ITEMS					
Antifreeze	1.19	101.15	0.26	290.68	393.28
Consumer Electronics	509.40	51.23	7.63	11.33	579.59
Cooking Oil	13.73	145.46	6.00	0.99	166.18
Fluorescent Bulbs	5.34	1.38	3.46	12.00	22.18
Food Scraps	0.00	10.00	7.50	0.00	17.50
Hazardous Household Materials	2.70	0.00	0.00	0.00	2.70
Inkjet and Toner Cartridges	0.31	11.31	0.16	11.31	23.09
Mattresses	0.00	0.00	0.00	0.00	0.00
Paint	12.82	0.00	0.00	0.75	13.57
Rechargeable Batteries	3.08	0.62	0.26	0.00	3.96
Textiles	90.97	0.00	0.00	697.70	788.67
Used Motor Oil Filters	11.94	30.26	0.35	197.48	240.03
Wood Packaging	0.00	484.09	19.78	2,166.45	2,670.32
Other Wood	0.00	0.00	0.12	0.00	0.12
Other Items	0.03	4.78	0.43	392.23	397.47
TOTAL MISCELLANEOUS ITEMS	651.51	840.28	45.95	3,780.92	5,318.66
COMMINGLED RECYCLABLES					
Commingled Recyclables	1,958.84	422.40	16.30	60.90	2,458.44
TOTAL COMMINGLED RECYCLABLES	1,958.84	422.40	16.30	60.90	2,458.44
TOTAL FOR ALL	18,381.36	7,681.07	408.78	28,693.09	55,164.30

DISPOSAL DATA

This section focuses on disposal for both municipal solid waste (MSW) and total solid waste (TSW). It provides local governments data to help develop meaningful solid waste management plans. For purposes of this report, the terms solid waste and TSW are interchangeable.

South Carolinians disposed of 3,065,806 tons of MSW in fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011) – a decrease of about 48,000 tons or nearly 2 percent from the previous FY's total of 3,113,365 tons. Each resident disposed of about 3.6 pounds of MSW per person per day (p/p/d). This amount is nearly 3 percent less than the previous FY.

Disposal figures are reported annually to the S.C. Department of Health and Environmental Control (DHEC) by permitted solid waste facilities whether publicly or privately owned. In FY11, there were 393 permitted solid waste facilities in South Carolina. Of the 16 types of facilities, only two were permitted to accept MSW: MSW transfer stations and Class 3 landfills.

There were 38 permitted solid waste transfer stations in FY11. A transfer station, as defined by the S.C. Solid Waste Policy and Management Act of 1991 (Act), is "a combination of structures, machinery or devices at a place or facility where solid waste is taken from collection vehicles and placed in other transportation units, with or without reduction in volume, for movement to another solid waste management facility." In FY11, 1,216,279 tons of solid waste was reported as being moved through a transfer station. A complete list of transfer stations is provided in Table 10.2.

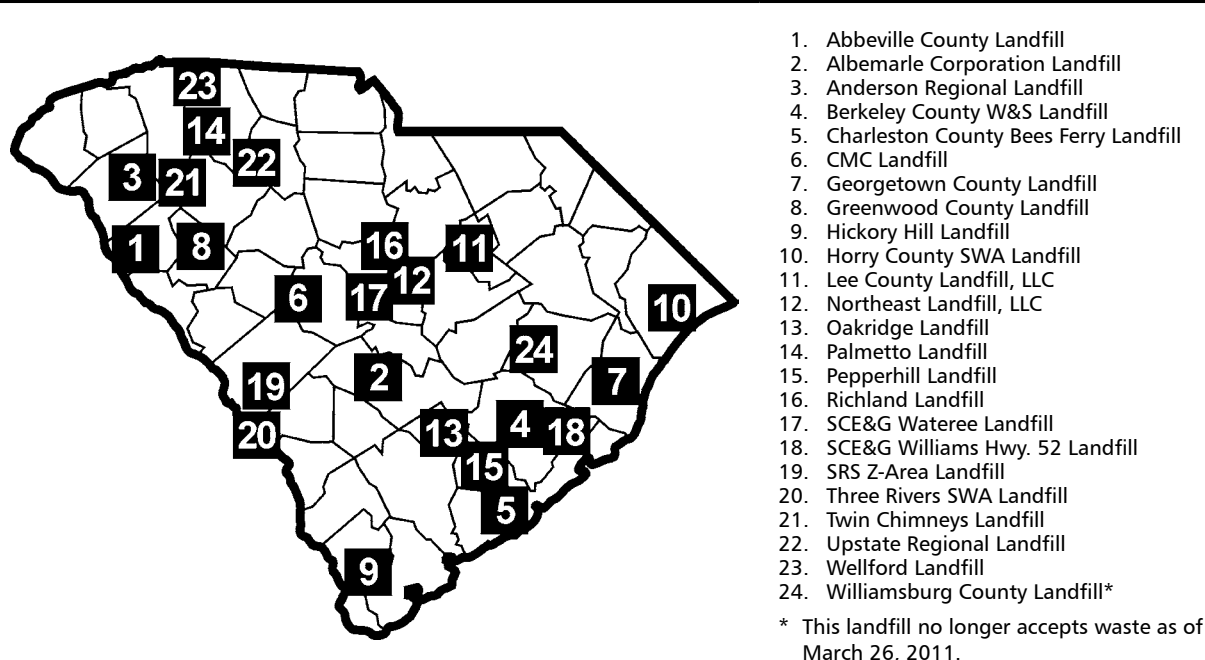
S.C. Landfill Classifications

In general, there are three classifications for landfills in South Carolina:

- Class 1 landfills accept land-clearing debris;
- Class 2 landfills accept construction and demolition debris; and
- Class 3 landfills accept household garbage – or MSW.

For a detailed definition of landfill classifications and what is accepted, visit www.scdhec.gov/environment/lwm/html/solidwaste.htm.

CHART 7.1: Class 3 Landfills



There were 24 permitted Class 3 landfills operating in FY11 with 10 owned by local governments as well as 14 privately owned (including five by industry, i.e., non-commercial landfills). See Table 7.6. Class 3 landfills, by law, must meet minimum criteria for siting, design, construction, operation and post-closure compliance. All new Class 3 landfills and expansions to current landfills must comply with the federal Resource Conservation Recovery Act Subtitle D requirements.

It is worth noting that Williamsburg County Landfill accepted solid waste in FY11, but closed during the reporting period. Dillon County Landfill, which accepted solid waste in FY10, did not accept waste in FY11 and is not included in this report.

Class 3 Landfill Disposal

It is important to note that Class 3 landfills accept waste other than MSW including construction and demolition (C&D) debris, industrial solid waste (ISW) and imported solid waste. The total amount of solid waste disposed of in Class 3 landfills increased about 266,000 tons to nearly 5.5 million tons in FY11.

Of that amount, the majority (4.2 million tons or about 76 percent) was disposed of in the 14 privately owned Class 3 landfills. Of those, four (Lee County Landfill, Oakridge Landfill, Richland County Landfill and Upstate Regional Landfill) accepted a little more than half of the solid waste that was disposed of in the state's Class 3 landfills. Of those four, Richland County Landfill accepted the most solid waste. The remainder of the solid waste (1.3 million tons or 24 percent of the total) was disposed of in the state's 10 publicly owned Class 3 landfills in FY11 – a slight decrease from FY10. See Tables 7.6 through 7.9 for an overview of disposal data.

In FY11, there were 56 Class 1 landfills and 96 Class 2 landfills. There were decreases in the amount of

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 \$36 per ton in FY11, down \$1 from the previous FY. In addition, the average tipping fee for Class 2 disposal was \$26, an increase of \$1 from the previous FY. Class 1 tipping fees were not collected.

material disposed of in Class 1 and Class 2 landfills. See Tables 7.12 and 7.13 for details.

Finally, Tables 7.10 and 7.11 provide data for MSW and TSW management in tons and per capita by county.

Import and Export of Solid Waste

The movement of solid waste between states is a common practice and a controversial issue. As a result, there have been numerous court cases dealing with this subject. Several rulings limit states from restricting the interstate movement of solid waste. This sub-section provides a brief overview of the import and export of solid waste in South Carolina.

The amount of out-of-state solid waste disposed of in South Carolina's landfills in FY11 was 664,540 tons – a drop of about 24 percent from the previous FY. Overall, this represents about 8 percent of the total amount of solid waste disposed of in the state.

In FY11, the vast majority of out-of-state solid waste was disposed of in three Class 3 landfills – Lee County Landfill, Palmetto Landfill and Upstate Regional Landfill. (See Table 7.3.) Six states sent solid waste to South Carolina during the reporting period. New York and North Carolina combined for nearly 87 percent (nearly 576,000 tons) of the total amount. (See Table 7.3 and Chart 7.5.)

South Carolina also exported solid waste. Six counties – Anderson, Chester, Lancaster, Oconee, Pickens and York – sent 115,780 tons of solid waste to Georgia and North Carolina landfills in FY11. (See Chart 7.2.)

CHART 7.2: Solid Waste Exported from South Carolina by FY

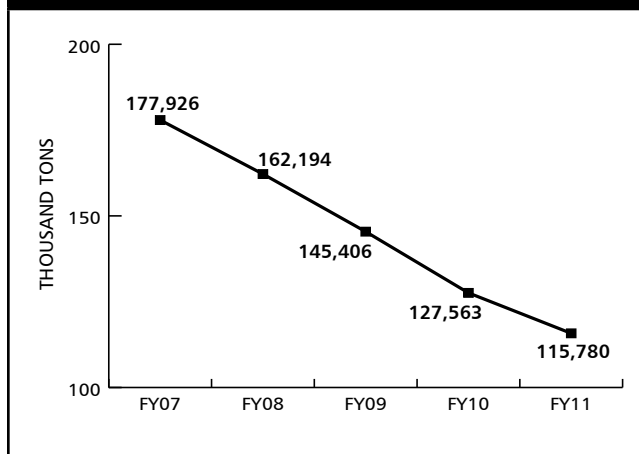


TABLE 7.3: Solid Waste Imported to South Carolina in Tons in FY11

ORIGIN	ABBEVILLE COUNTY LANDFILL Abbeville County	HICKORY HILL LANDFILL Jasper County	LEE COUNTY LANDFILL, LLC	NORTHEAST LANDFILL Richland County	OAKRIDGE LANDFILL Dorchester County	PALMETTO LANDFILL Spartanburg County	RICHLAND LANDFILL Richland County	THREE RIVERS SWA* LANDFILL Aiken County	UPSTATE REGIONAL LANDFILL Union County	TOTAL IMPORTED SOLID WASTE DISPOSED OF IN S.C. LANDFILLS
Georgia	1,303	16,571	0	0	4	1,731	1,957	22,907	86	44,559
New Jersey	0	0	1,984	0	0	0	0	0	0	1,984
New York	0	0	206,999	0	0	0	0	0	0	206,999
North Carolina	0	1,764	7,274	53	232	172,404	57,644	0	103,657	343,027
Tennessee	0	0	0	0	0	24	0	0	0	24
Virginia	0	0	0	0	0	1,339	0	0	0	1,339
Misc.**	0	0	0	0	0	0	0	0	0	66,609
TOTAL WASTE FROM OUT OF STATE	1,303	18,335	216,257	53	236	175,498	59,600	22,907	103,744	664,540

* Solid Waste Authority

** This represents solid waste imported from Georgia (40,883 tons) and North Carolina (25,726 tons) and disposed of in Class 1 and Class 2 landfills.

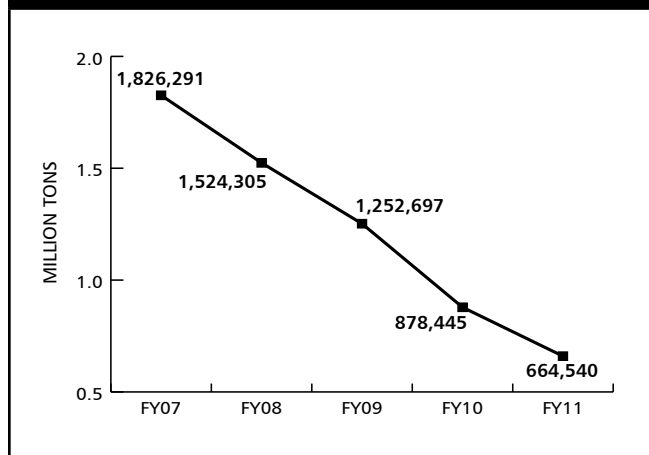
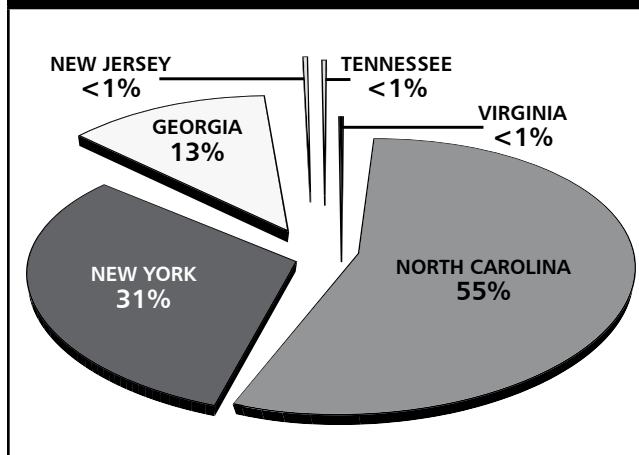
CHART 7.4: Solid Waste Imported to South Carolina by FY**CHART 7.5: Solid Waste Imported to South Carolina Landfills in FY11**

TABLE 7.6: Class 3 Remaining Capacity & Disposal in Tons

NAME OF CLASS 3 LANDFILL	PUBLIC, PRIVATE OR NON-COMMERCIAL PRIVATE LANDFILL	COUNTY	PERMITTED ANNUAL RATE OF DISPOSAL	FY11 DISPOSAL	ESTIMATED REMAINING CAPACITY OF FACILITY	ESTIMATED REMAINING LIFE OF FACILITY BASED ON PERMITTED DISPOSAL RATE IN YEARS	ESTIMATED REMAINING LIFE OF FACILITY BASED ON CURRENT DISPOSAL RATE IN YEARS
Abbeville County Landfill	Public	Abbeville	46,000	16,098	695,800	15.1	43.2
Albemarle Corp.	Non-commercial private	Orangeburg	N/A	17,540	345,100	N/A	19.7
Anderson Regional Landfill	Private	Anderson	438,000	183,298	5,724,278	13.1	31.2
Berkeley County W&S Landfill	Public	Berkeley	1,000,000	169,620	6,634,555	6.6	39.1
Charleston County Bees Ferry Landfill	Public	Charleston	316,709	149,159	5,530,630	17.5	37.1
CMC	Non-commercial private	Lexington	150,000	101,381	0	0.0	0.0
Georgetown County Landfill	Public	Georgetown	79,582	47,192	1,282,384	16.1	27.2
Greenwood County Landfill	Public	Greenwood	150,000	61,898	1,853,062	12.4	29.9
Hickory Hill Landfill	Private	Jasper	302,000	192,371	2,532,665	8.4	13.2
Horry County SWA Landfill	Public	Horry	750,000	227,439	6,855,000	9.1	30.1
Lee County Landfill, LLC	Private	Lee	1,944,939	514,885	22,331,967	11.5	43.4
Northeast Landfill, LLC	Private	Richland	529,600	173,566	5,036,136	9.5	29.0
Oakridge Landfill	Private	Dorchester	1,144,000	643,591	4,662,108	4.1	7.2
Palmetto Landfill	Private	Spartanburg	1,200,000	394,091	655,413	0.5	1.7
Pepperhill Landfill	Private	Dorchester	214,500	99	282,157	1.3	2,850.1
Richland Landfill	Private	Richland	988,209	888,984	31,071,905	31.4	35.0
SCE&G – Wateree	Non-commercial private	Richland	N/A	110,251	N/A	N/A	N/A
SCE&G – Williams Hwy. 52	Non-commercial private	Berkeley	N/A	140,677	N/A	N/A	N/A
SRS-Z Area	Non-commercial private	Aiken	N/A	20,060	N/A	N/A	N/A
Three Rivers SWA Landfill	Public	Aiken	500,000	267,081	25,859,684	51.7	96.8
Twin Chimneys Landfill	Public	Greenville	500,000	214,639	28,225,262	56.5	131.5
Upstate Regional Landfill	Private	Union	910,000	777,941	4,955,119	5.4	6.4
Wellford Landfill	Public	Spartanburg	240,000	151,725	958,094	4.0	6.3
Williamsburg County Landfill	Public	Williamsburg	35,000	10,398	0	0	0
STATE TOTALS/AVERAGE			11,438,539	5,473,983	154,795,519	13.5	28.3

NOTE: See page 98 for an explanation of non-commercial private landfills.

TABLE 7.7: Class 3 Landfill Disposal Trends in Tons, FY07 to FY11

CLASS 3 LANDFILL	COUNTY	FY07	FY08	FY09	FY10	FY11
Abbeville County Landfill	Abbeville	21,343	19,704	15,083	12,936	16,098
Albemarle Corp.	Orangeburg	N/A	N/A	N/A	25,062	17,540
Anderson Regional Landfill	Anderson	344,232	372,568	236,757	166,751	183,298
Berkeley County W&S Landfill	Berkeley	232,545	217,064	196,573	187,589	169,620
Charleston County Bees Ferry Landfill	Charleston	125,318	143,232	147,479	158,095	149,159
CMC	Lexington	N/A	N/A	116,706	82,489	101,381
Georgetown County Landfill	Georgetown	49,718	36,645	41,822	45,950	47,192
Greenwood County Landfill	Greenwood	85,330	82,198	79,554	84,608	61,898
Hickory Hill Landfill	Jasper	235,296	226,493	232,689	194,789	192,371
Horry County SWA Landfill	Horry	245,527	247,609	233,958	228,611	227,439
Lee County Landfill, LLC	Lee	1,530,801	1,512,604	1,141,707	646,908	514,885
Northeast Landfill, LLC	Richland	35,609	31,933	117,045	175,504	173,566
Oakridge Landfill	Dorchester	748,702	596,723	470,784	564,378	643,591
Palmetto Landfill	Spartanburg	820,700	568,712	474,882	389,940	394,091
Pepperhill Landfill	Dorchester	N/A	N/A	16,541	109	99
Richland Landfill	Richland	799,602	841,336	823,346	956,061	888,984
SCE&G – Wateree	Richland	N/A	N/A	N/A	14,907	110,251
SCE&G – Williams Hwy. 52	Berkeley	N/A	N/A	N/A	0	140,677
SRS-Z Area	Aiken	N/A	N/A	14,600	12,859	20,060
Three Rivers SWA Landfill	Aiken	269,341	280,860	262,294	249,744	267,081
Twin Chimneys Landfill	Greenville	77,135	205,796	199,473	208,789	214,639
Upstate Regional Landfill	Union	484,139	465,876	512,357	669,121	777,941
Wellford Landfill	Spartanburg	110,574	108,055	121,394	114,830	151,725
Williamsburg County Landfill	Williamsburg	18,398	16,760	19,411	16,104	10,398

NOTE: This table only includes Class 3 landfills that were active in FY11.

TABLE 7.8: Disposal at Class 3 Landfills by County or State of Origin in Tons

COUNTY OR STATE OF ORIGIN	ABBEVILLE COUNTY LANDFILL	ALBEMARLE CORPORATION LANDFILL	ANDERSON REGIONAL LANDFILL	BERKELEY COUNTY W&S LANDFILL	CHARLESTON COUNTY BEES FERRY LANDFILL	CMC LANDFILL	GEORGETOWN COUNTY LANDFILL	GREENWOOD COUNTY LANDFILL	HICKORY HILL LANDFILL	HORRY COUNTY SWA LANDFILL	LEE COUNTY LANDFILL, LLC	NORTHEAST LANDFILL, LLC	OAKRIDGE LANDFILL
Abbeville	14,431	0	0	0	0	0	0	0	0	0	0	0	0
Aiken	0	0	0	0	0	0	0	0	0	0	0	28	0
Allendale	0	0	0	0	0	0	0	0	494	0	0	0	0
Anderson	337	0	82,698	0	0	0	0	0	0	0	0	0	0
Bamberg	0	0	0	0	0	0	0	0	0	0	0	0	58
Barnwell	0	0	0	0	0	0	0	0	6	0	0	0	0
Beaufort	0	0	0	25	0	0	0	0	149,436	0	0	0	15
Berkeley	0	0	0	166,267	0	0	0	0	0	0	15	0	144,083
Calhoun	0	0	0	0	0	0	0	0	0	0	0	5,487	55
Charleston	0	0	0	3,264	149,160	0	0	0	1	0	1,427	0	343,142
Cherokee	0	0	0	0	0	0	0	0	0	0	0	0	0
Chester	0	0	0	0	0	0	0	0	0	0	0	150	0
Chesterfield	0	0	0	0	0	0	0	0	0	0	11,939	0	0
Clarendon	0	0	0	0	0	0	0	0	0	0	513	0	456
Colleton	0	0	0	0	0	0	0	0	146	0	0	0	35,280
Darlington	0	0	0	0	0	0	0	0	0	0	35,095	19	0
Dillon	0	0	0	0	0	0	0	0	0	0	20,257	0	0
Dorchester	0	0	0	22	0	0	0	0	0	0	0	0	89,401
Edgefield	0	0	0	0	0	0	0	0	0	0	0	0	0
Fairfield	0	0	0	0	0	0	0	0	0	0	0	5,474	0
Florence	0	0	0	0	0	0	0	0	0	0	141,793	144	0
Georgetown	0	0	0	0	0	0	47,192	0	17	125	0	0	11,314
Greenville	20	0	67,425	0	0	0	0	0	0	0	0	0	0
Greenwood	6	0	0	0	0	0	0	61,898	0	0	0	0	0
Hampton	0	0	0	0	0	0	0	0	10,408	0	0	0	1,326
Horry	0	0	0	17	0	0	0	0	0	227,314	0	0	0
Jasper	0	0	0	0	0	0	0	0	13,508	0	0	0	0
Kershaw	0	0	0	0	0	0	0	0	0	0	9,747	1,397	0
Lancaster	0	0	0	0	0	0	0	0	0	0	25,301	72	0
Laurens	0	0	0	0	0	0	0	0	0	0	0	0	0
Lee	0	0	0	0	0	0	0	0	0	0	11,727	0	0
Lexington	0	0	0	2	0	101,381	0	0	0	0	1	34,520	0
Marion	0	0	0	0	0	0	0	0	0	0	7,533	2	0
Marlboro	0	0	0	0	0	0	0	0	0	0	14,770	0	0
McCormick	1	0	0	0	0	0	0	0	0	0	0	0	0
Newberry	0	0	0	0	0	0	0	0	0	0	0	1,202	0
Oconee	0	0	3,800	0	0	0	0	0	0	0	0	0	0
Orangeburg	0	17,540	0	13	0	0	0	0	0	0	0	2,659	16,168
Pickens	0	0	2,608	0	0	0	0	0	0	0	0	0	0
Richland	0	0	0	0	0	0	0	0	20	0	0	121,437	0
Saluda	0	0	0	0	0	0	0	0	0	0	0	0	0
Spartanburg	0	0	24,103	0	0	0	0	0	0	0	0	0	0
Sumter	0	0	0	0	0	0	0	0	0	0	13,455	19	0
Union	0	0	2,664	0	0	0	0	0	0	0	0	0	0
Williamsburg	0	0	0	10	0	0	0	0	0	0	5,047	0	2,058
York	0	0	0	0	0	0	0	0	0	0	8	902	0
Total S.C. Waste	14,795	17,540	183,298	149,160	169,620	101,381	47,192	61,898	174,036	227,439	298,628	173,513	643,356
Georgia	1,303	0	0	0	0	0	0	0	16,571	0	0	0	4
New Jersey	0	0	0	0	0	0	0	0	0	0	1,984	0	0
New York	0	0	0	0	0	0	0	0	0	0	206,999	0	0
North Carolina	0	0	0	0	0	0	0	0	1,764	0	7,274	53	232
Tennessee	0	0	0	0	0	0	0	0	0	0	0	0	0
Virginia	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Waste from Out of State	1,303	0	0	0	0	0	0	0	18,335	0	216,257	53	236
Total Waste Disposed Of at Facility	16,098	17,540	183,298	149,160	169,620	101,381	47,192	61,898	192,371	227,439	514,885	173,566	643,591

PALMETTO LANDFILL	PEPPERHILL LANDFILL	RICHLAND LANDFILL	SCE&G WATEREE STATION	SCE&G WILLIAMS STATION - HWY. 52	SRS Z-AREA LANDFILL	THREE RIVERS SWA LANDFILL	TWIN CHIMNEYS LANDFILL	UPSTATE REGIONAL LANDFILL	WELLFORD LANDFILL	WILLIAMSBURG COUNTY LANDFILL	TOTAL AMOUNT OF SOLID WASTE DISPOSED OF IN CLASS 3 LANDFILLS	S.C. SOLID WASTE EXPORTED FOR DISPOSAL OUT OF STATE
64	0	6	0	0	0	0	546	797	0	0	15,844	0
0	0	21	0	0	20,060	131,547	0	0	0	0	151,656	0
0	0	1	0	0	0	5,773	0	0	0	0	6,268	0
2,688	0	5	0	0	0	0	685	29,826	0	0	116,239	14,794
0	0	5	0	0	0	9,442	0	0	0	0	9,505	0
0	0	202	0	0	0	14,631	0	0	0	0	14,839	0
0	0	44	0	0	0	0	0	0	0	0	149,520	0
0	0	2	0	140,677	0	0	0	0	0	0	451,044	0
0	0	8,682	0	0	0	4,941	0	0	0	0	19,165	0
62	99	37	0	0	0	0	0	0	0	0	497,192	0
43,428	0	0	0	0	0	0	0	100,375	0	0	143,803	0
139	0	19,952	0	0	0	0	0	1,879	0	0	22,121	1,678
0	0	7,342	0	0	0	0	0	0	0	0	19,282	0
0	0	14,019	0	0	0	0	0	0	0	0	14,988	0
0	0	9	0	0	0	0	0	0	0	0	35,435	0
0	0	2,622	0	0	0	0	0	0	0	0	37,736	0
0	0	441	0	0	0	0	0	0	0	0	20,698	0
0	0	0	0	0	0	0	0	0	0	0	89,423	0
0	0	0	0	0	0	11,239	837	19	0	0	12,096	0
0	0	15,330	0	0	0	0	0	0	0	0	20,804	0
3	0	95,690	0	0	0	0	0	0	0	0	237,630	0
0	0	3	0	0	0	0	0	0	0	0	58,651	0
31,646	0	3	0	0	0	0	185,765	148,632	0	0	433,490	0
286	0	0	0	0	0	0	13,091	3,774	0	0	79,053	0
0	0	4	0	0	0	0	0	0	0	0	11,738	0
0	0	64	0	0	0	0	0	0	0	0	227,395	0
0	0	0	0	0	0	0	0	0	0	0	13,508	0
0	0	22,198	0	0	0	0	0	0	0	0	33,342	0
0	0	489	0	0	0	0	0	607	0	0	26,469	4,150
79	0	2	0	0	0	0	1,124	47,452	0	0	48,658	0
0	0	71,185	0	0	0	0	0	31	0	0	82,942	0
4	0	125,556	0	0	0	0	0	858	0	0	262,322	0
0	0	9,481	0	0	0	0	0	0	0	0	17,015	0
0	0	777	0	0	0	0	0	0	0	0	15,547	0
0	0	14	0	0	0	3,458	880	746	0	0	5,099	0
0	0	880	0	0	0	0	0	36,574	0	0	38,657	0
4,174	0	74	0	0	0	0	0	281	0	0	8,329	40,727
0	0	94	0	0	0	54,050	0	0	0	0	90,523	0
4,496	0	0	0	0	0	0	11,684	6,292	0	0	25,080	32,179
31	0	255,262	110,251	0	0	0	0	0	0	0	487,000	0
0	0	9	0	0	0	9,092	0	12,973	0	0	22,074	0
122,972	0	13	0	0	0	0	27	263,394	151,725	0	562,235	0
0	0	70,792	0	0	0	0	0	407	0	0	84,673	0
158	0	163	0	0	0	0	0	17,232	0	0	20,217	0
0	0	329	0	0	0	0	0	0	0	10,398	17,842	0
8,362	0	107,585	0	0	0	0	0	2,052	0	0	118,910	22,251
218,593	99	829,383	110,251	140,677	20,060	244,174	214,640	674,198	151,725	10,398	4,876,053	115,780
1,731	0	1,957	0	0	0	22,907	0	86	0	0	44,559	—
0	0	0	0	0	0	0	0	0	0	0	1,984	—
0	0	0	0	0	0	0	0	0	0	0	206,999	—
172,404	0	57,644	0	0	0	0	0	103,657	0	0	343,027	—
24	0	0	0	0	0	0	0	0	0	0	24	—
1,339	0	0	0	0	0	0	0	0	0	0	1,339	—
175,498	0	59,600	0	0	0	22,907	0	103,744	0	0	597,931	—
394,091	99	888,983	110,251	140,677	20,060	267,081	214,640	777,942	151,725	10,398	5,473,984	115,780

TABLE 7.9: TSW Disposal in Class 3 Landfills, Incinerators and Exported by Type of Waste

COUNTY	MSW DISPOSED OF IN CLASS 3 LANDFILLS & EXPORTED FOR DISPOSAL	ASH	C&D DEBRIS (DISPOSED OF + INCINERATED)	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS, INCINERATED & EXPORTED FOR DISPOSAL
Abbeville	9,608	0	103	6,130	0	0	3	15,844
Aiken	119,761	8,643	0	3,171	0	0	20,081	151,656
Allendale	6,085	0	0	0	0	0	183	6,268
Anderson	114,440	26	3,524	4,018	0	0	9,026	131,034
Bamberg	9,442	0	0	58	0	0	5	9,505
Barnwell	14,809	0	6	0	0	0	24	14,839
Beaufort	124,727	0	17,207	15	0	0	21,313	163,263
Berkeley	94,828	140,677	22,165	178,517	0	0	14,859	451,044
Calhoun	8,184	434	2	10,508	0	0	37	19,165
Charleston	277,330	0	43,301	39,482	0	0	137,079	497,192
Cherokee	68,611	0	23	74,926	0	0	243	143,803
Chester	18,897	211	2	3,302	0	0	1,387	23,799
Chesterfield	15,490	0	0	3,368	0	0	424	19,282
Clarendon	14,680	0	0	14	0	0	294	14,988
Colleton	19,303	0	2,126	12,964	0	0	1,042	35,435
Darlington	30,974	0	2	4,875	0	0	1,885	37,736
Dillon	19,101	0	0	1,578	0	0	19	20,698
Dorchester	66,050	0	9,636	13,468	0	0	269	89,423
Edgefield	12,068	0	0	18	8	0	10	12,096
Fairfield	18,954	0	85	1,615	0	0	151	20,804
Florence	108,078	0	5	23,365	0	0	106,183	237,630
Georgetown	39,452	0	3	11,308	0	0	7,888	58,651
Greenville	290,043	63	3,358	99,782	0	0	40,244	433,490
Greenwood	60,087	0	6,144	1,180	2,622	0	9,020	79,053
Hampton	11,668	0	46	0	0	0	24	11,738
Horry	227,315	0	12	0	0	0	69	227,395
Jasper	12,727	0	530	0	0	0	559	13,817
Kershaw	28,775	4	506	3,759	0	0	298	33,342
Lancaster	29,130	8	31	937	0	0	513	30,619

NOTE: There were no permitted MSW incinerators in South Carolina in FY11.

COUNTY	MSW DISPOSED OF IN CLASS 3 LANDFILLS & EXPORTED FOR DISPOSAL	ASH	C&D DEBRIS (DISPOSED OF + INCINERATED)	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS, INCINERATED & EXPORTED FOR DISPOSAL
Laurens	45,066	0	508	2,993	0	0	90	48,658
Lee	9,109	0	0	73,678	0	0	156	82,942
Lexington	139,767	0	538	118,057	0	0	3,960	262,322
Marion	15,614	0	0	1,362	0	0	39	17,015
Marlboro	13,040	0	0	2,501	0	0	6	15,547
McCormick	4,524	0	68	493	0	0	14	5,099
Newberry	30,893	0	29	6,694	772	0	269	38,657
Oconee	40,727	0	0	8,178	0	0	150	49,056
Orangeburg	55,184	1,534	149	33,505	0	0	151	90,523
Pickens	50,604	0	5,059	5,577	0	0	936	62,176
Richland	274,667	129,512	14,729	46,490	0	0	21,602	487,000
Saluda	9,138	0	1	12,926	0	0	9	22,074
Spartanburg	284,064	0	10,606	266,745	0	0	821	562,235
Sumter	56,621	0	15	23,400	0	0	4,636	84,673
Union	18,323	0	907	815	0	0	173	20,217
Williamsburg	12,212	0	10	5,454	0	0	167	17,842
York	135,637	458	75	2,207	0	0	2,783	141,161
S.C. COUNTIES TOTAL	3,065,806	281,571	141,511	1,109,429	3,394	0	409,091	5,010,802
Georgia	16,287	0	1,918	24,159	91	0	2,235	44,689
New Jersey	1,984	0	0	0	0	0	0	1,984
New York	206,999	0	0	0	0	0	0	206,999
North Carolina	216,929	44,404	95	63,593	0	0	18,005	343,027
Tennessee	0	0	0	24	0	0	0	24
Virginia	0	0	0	1,339	0		0	1,339
OUT OF STATE TOTAL (CLASS 3)	442,199	44,404	2,013	89,115	91	0	20,240	598,061
TOTAL BY WASTE STREAM	3,508,005	325,975	143,524	1,198,543	3,484	0	429,331	5,608,863

TABLE 7.10: State & County MSW Recycling, Disposal & Generation Rates

COUNTY	POPULATION	RECYCLING RATE (PERCENT)	RECYCLED (P/P/D)	DISPOSED (P/P/D)	GENERATION (P/P/D)	RECYCLED (TONS)	DISPOSED (TONS)
Abbeville	25,417	13.4	0.3	2.1	2.4	1,488	9,608
Aiken	160,099	12.4	0.6	4.1	4.7	16,882	119,761
Allendale	10,419	4.7	0.2	3.2	3.4	298	6,085
Anderson	187,126	13.1	0.5	3.4	3.9	17,255	114,440
Bamberg	15,987	8.2	0.3	3.2	3.5	844	9,442
Barnwell	22,621	8.8	0.3	3.6	3.9	1,434	14,809
Beaufort	162,233	23.7	1.3	4.2	5.5	38,779	124,727
Berkeley	177,843	12.6	0.4	2.9	3.3	13,662	94,828
Calhoun	15,175	7.6	0.2	3.0	3.2	676	8,184
Charleston	350,209	32.1	2.1	4.3	6.4	131,391	277,330
Cherokee	55,342	10.9	0.8	6.8	7.6	8,390	68,611
Chester	33,140	9.0	0.3	3.1	3.4	1,861	18,897
Chesterfield	46,734	12.2	0.3	1.8	2.1	2,158	15,490
Clarendon	34,971	14.6	0.4	2.3	2.7	2,519	14,680
Colleton	38,892	15.3	0.5	2.7	3.2	3,487	19,303
Darlington	68,681	14.7	0.4	2.5	2.9	5,354	30,974
Dillon	32,062	6.9	0.2	3.3	3.5	1,426	19,101
Dorchester	136,555	37.8	1.6	2.7	4.3	40,095	66,050
Edgefield	26,985	28.2	1.0	2.5	3.4	4,747	12,068
Fairfield	23,956	10.7	0.5	4.3	4.9	2,260	18,954
Florence	136,885	20.6	1.1	4.3	5.4	27,961	108,078
Georgetown	60,158	16.7	0.7	3.6	4.3	7,901	39,452
Greenville	451,225	42.4	2.6	3.5	6.1	213,678	290,043
Greenwood	69,661	24.1	1.5	4.7	6.2	19,127	60,087
Hampton	21,090	20.0	0.8	3.0	3.8	2,920	11,668
Horry	269,291	29.7	2.0	4.6	6.6	96,209	227,315
Jasper	24,777	16.6	0.6	2.8	3.4	2,524	12,727
Kershaw	61,697	17.3	0.5	2.6	3.1	6,020	28,775
Lancaster	76,652	18.4	0.5	2.1	2.6	6,563	29,130
Laurens	66,537	16.5	0.7	3.7	4.4	8,913	45,066
Lee	19,220	23.8	0.8	2.6	3.4	2,839	9,109
Lexington	262,391	36.4	1.7	2.9	4.6	80,063	139,767
Marion	33,062	29.5	1.1	2.6	3.7	6,521	15,614
Marlboro	28,933	11.1	0.3	2.5	2.8	1,622	13,040
McCormick	10,233	22.5	0.7	2.4	3.1	1,314	4,524
Newberry	37,508	12.0	0.6	4.5	5.1	4,225	30,893
Oconee	74,273	25.1	1.0	3.0	4.0	13,629	40,727
Orangeburg	92,501	23.3	1.0	3.3	4.3	16,766	55,184
Pickens	119,224	39.2	1.5	2.3	3.8	32,615	50,604
Richland	384,504	26.9	1.4	3.9	5.4	100,939	274,667
Saluda	19,875	22.4	0.7	2.5	3.2	2,641	9,138
Spartanburg	284,307	34.1	2.8	5.5	8.3	147,296	284,064
Sumter	107,456	22.4	0.8	2.9	3.7	16,365	56,621
Union	28,961	9.0	0.3	3.5	3.8	1,810	18,323
Williamsburg	34,423	14.9	0.3	1.9	2.3	2,138	12,212
York	226,073	28.9	1.3	3.3	4.6	55,164	135,637
STATE TOTALS/ AVERAGES	4,625,364	27.7	1.4	3.6	5.0	1,172,768	3,065,806

TABLE 7.11: Total Solid Waste (TSW) Recycling, Disposal and Generation in Tons

COUNTY	POPULATION	TSW DISPOSED OF IN CLASS 3 LANDFILLS, SOLID WASTE (SW) INCINERATORS & EXPORTED	TSW DISPOSED OF IN CLASS 2 LANDFILLS	TSW DISPOSED OF IN CLASS 1 LANDFILLS	TOTAL AMOUNT OF ALL SW DISPOSED OF IN LANDFILLS OR INCINERATED	TOTAL COUNTY RECYCLING EFFORTS	TOTAL AMOUNT OF SW GENERATED (RECYCLED + DISPOSED)	PERCENT OF ALL SW GENERATED THAT WAS RECYCLED (SW RECYCLED ÷ SW GENERATED)
Abbeville	25,417	15,844	5,527	0	21,371	7,058	28,429	24.8
Aiken	160,099	151,656	125,167	10,049	286,872	64,980	351,852	18.5
Allendale	10,419	6,268	3,440	0	9,708	337	10,045	3.4
Anderson	187,126	131,034	78,924	21,911	231,869	82,266	314,135	26.2
Bamberg	15,987	9,505	13,693	0	23,199	2,185	25,384	8.6
Barnwell	22,621	14,839	73,975	0	88,813	4,976	93,789	5.3
Beaufort	162,233	163,265	61,081	0	224,345	97,910	322,253	30.4
Berkeley	177,843	451,044	360,498	0	811,543	420,172	1,231,715	34.1
Calhoun	15,175	19,165	3,965	0	23,130	6,357	29,487	21.6
Charleston*	350,209	497,192	291,366	0	788,559	2,030,114	2,818,672	72.0
Cherokee	55,342	143,803	3,384	0	147,187	13,087	160,273	8.2
Chester	33,140	23,799	30,200	120	54,119	55,384	109,503	50.6
Chesterfield	46,734	19,282	11,373	0	30,654	2,609	33,264	7.8
Clarendon	34,971	14,988	10,086	0	25,074	2,581	27,655	9.3
Colleton	38,892	35,435	16,966	0	52,400	4,443	56,844	7.8
Darlington	68,681	37,736	44,993	0	82,729	86,623	169,352	51.1
Dillon	32,062	20,698	10,263	0	30,960	1,541	32,501	4.7
Dorchester	136,555	89,423	33,078	0	122,501	45,760	168,261	27.2
Edgefield	26,985	12,096	2,919	1,709	16,725	7,777	24,502	31.7
Fairfield	23,956	20,804	1,510	0	22,314	3,149	25,463	12.4
Florence	136,885	237,630	106,187	0	343,817	34,731	378,548	9.2
Georgetown	60,158	58,651	46,086	0	104,737	26,986	131,723	20.5
Greenville	451,225	433,490	185,662	326	619,478	357,380	976,857	36.6
Greenwood	69,661	79,053	29,587	1,005	109,645	44,172	153,817	28.7
Hampton	21,090	11,738	3,901	0	15,639	3,827	19,466	19.7
Horry	269,291	227,395	80,687	0	308,082	141,749	449,831	31.5
Jasper	24,777	13,817	3,885	305	18,006	25,690	43,696	58.8
Kershaw	61,697	33,342	38,343	3,005	74,690	6,093	80,782	7.5
Lancaster	76,652	30,619	46,699	640	77,958	13,809	91,767	15.0
Laurens	66,537	48,658	13,982	525	63,165	25,606	88,771	28.8
Lee	19,220	82,942	152	0	83,094	2,913	86,007	3.4
Lexington	262,391	262,322	146,129	4,623	413,073	171,786	584,859	29.4
Marion	33,062	17,015	14,459	0	31,474	7,872	39,346	20.0
Marlboro	28,933	15,547	12,267	0	27,814	58,751	86,565	67.9
McCormick	10,233	5,099	349	0	5,449	2,252	7,701	29.2
Newberry	37,508	38,657	7,430	85	46,172	5,119	51,291	10.0
Oconee	74,273	49,056	20,132	599	69,787	23,431	93,217	25.1
Orangeburg	92,501	90,523	183,473	0	273,996	17,909	291,904	6.1
Pickens	119,224	62,176	17,229	503	79,908	49,644	129,552	38.3
Richland	384,504	487,000	341,915	9,256	838,171	111,266	949,436	11.7
Saluda	19,875	22,074	416	143	22,633	8,294	30,927	26.8
Spartanburg	284,307	562,235	101,937	1,049	665,221	186,508	851,729	21.9
Sumter	107,456	84,673	43,228	241	128,142	22,619	150,761	15.0
Union	28,961	20,217	5,273	2,202	27,692	2,475	30,166	8.2
Williamsburg	34,423	17,842	15,355	0	33,197	2,687	35,884	7.5
York	226,073	141,161	103,547	4,497	249,205	620,947	870,152	71.4
TOTAL FOR S.C. COUNTIES	4,625,364	5,010,802	2,750,718	62,792	7,824,312	4,913,823	12,738,135	38.6
OUT OF STATE TOTAL	—	598,061	64,716	1,893	664,670	—	—	—
TOTAL WASTE STREAM	—	5,608,863	2,815,434	64,685	8,488,982	4,913,823	—	—

TABLE 7.12: Class 1 Landfill Disposal in Tons by County

COUNTY OR PLACE OF ORIGIN	FY07	FY08	FY09	FY10	FY11
Abbeville	1,020	0	697	0	0
Aiken	29,274	23,962	13,543	12,906	10,049
Allendale	0	3	0	0	0
Anderson	15,198	10,920	18,057	23,964	21,911
Bamberg	0	0	0	0	0
Barnwell	0	0	0	0	0
Beaufort	0	0	0	0	0
Berkeley	0	0	0	0	0
Calhoun	0	0	0	0	0
Charleston	0	0	0	0	0
Cherokee	0	0	0	0	0
Chester	0	0	0	0	120
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	5,453	3,119	1,374	1,400	1,709
Fairfield	0	0	0	0	0
Florence	0	0	0	0	0
Georgetown	0	0	0	0	0
Greenville	6,975	180	113	286	326
Greenwood	0	159	1,245	1,176	1,005
Hampton	0	0	0	0	0
Horry	0	0	0	0	0
Jasper	630	456	0	211	305
Kershaw	0	2,525	2,305	2,190	3,005
Lancaster	250	0	380	435	640
Laurens	396	130	446	490	525
Lee	0	0	0	0	0
Lexington	8,457	37,146	16,545	7,329	4,623
Marion	0	0	0	0	0
Marlboro	0	0	0	0	0
McCormick	324	8	32	0	0
Newberry	100	215	63	0	85
Oconee	8,579	6,055	3,930	1,187	599
Orangeburg	0	0	0	0	0
Pickens	10,712	3,392	920	175	503
Richland	4,840	13,287	7,682	7,365	9,256
Saluda	0	325	228	512	143
Spartanburg	2,685	1,305	470	1,214	1,049
Sumter	0	0	0	0	241
Union	854	0	2,802	2,220	2,202
Williamsburg	0	0	0	0	0
York	37,440	25,241	1,652	1,681	4,497
Total South Carolina	133,187	128,429	72,484	64,739	62,792
Total Out-of-State	1,665	5,032	1,008	902	1,893
TOTAL AMOUNT DISPOSED OF	134,852	133,461	73,492	65,641	64,685

TABLE 7.13: Class 2 Landfill Disposal and Estimated Remaining Life

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY11 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Abbeville	Abbeville County	10,000	6,105	318.3
Aiken	Aiken County (Barden)	80,000	53,509	19.5
Aiken	Aiken County (Wagener)	5,000	2,682	58.9
Aiken	G.L. Williams	57,500	0	20.0
Aiken	Owens Corning Fiberglass	N/A	11,193	257.5
Aiken	Rainbow Falls Road	103,216	61,732	60.0
Aiken	Savannah River Site 288-F	2,500	0	55.3
Aiken	Savannah River Site 488-4D	25,000	13,236	5.0
Aiken	SCE&G Urquhart	N/A	8,023	0.0
Allendale	Appleton	21,000	4,544	34.3
Anderson	Anderson County (Starr)	43,300	13,472	33.0
Anderson	Clemson University	25,000	1,200	24.0
Anderson	Enterprise Material Handling C&DLF	74,000	50,785	26.8
Anderson	Greenpointe	57,000	22,560	26.5
Anderson	Owens Corning Fiberglass	N/A	14,117	55.8
Bamberg	Bamberg County	13,000	14,152	0.5
Barnwell	Barnwell County	32,000	6,169	24.0
Barnwell	Savannah River Site 632-G	120,000	83,285	42.0
Beaufort	Barnwell Resources, Inc.	156,000	17,045	50.0
Berkeley	Berkeley County	214,703	24,142	2.0
Berkeley	Kapstone Charleston Kraft, LLC	N/A	133,677	55.8
Berkeley	Santee Cooper (Cross Generating Station)	N/A	323,270	4.5
Berkeley	SCE&G Williams Station, Hwy. 17A	N/A	2,881	0.0
Calhoun	Calhoun County	13,500	3,097	8.8
Calhoun	DAK Americas, LLC (formerly Eastman Chemical)	N/A	856	25.2
Charleston	Charleston County Bees Ferry	200,000	4,200	0.3
Charleston	Spring Grove Environmental	500,000	119,733	152.8
Cherokee	Cherokee County	20,000	4	28.0
Cherokee	City of Gaffney	8,930	3,354	33.3
Chester	Bennett Industrial Landfill	205,200**	27,481	28.0
Chester	Chester County	4,800	4,095	2.5
Chesterfield	Furr Facility	32,700	22,647	58.0
Clarendon	Clarendon County	10,000	10,086	1.5
Colleton	Colleton County	30,000	16,542	10.8
Darlington	Darlington County	15,200	18,337	86.5
Darlington	Sonoco Products	50,000	20,312	1.5
Dillon	Dillon County	11,700	10,596	8.0
Dorchester	Carolina LF, LLC	120,120	79,160	49.8
Florence	Florence County	25,000	50	20.0
Florence	Lake City, City of	12,900	2,967	103.7
Florence	Pee Dee Environmental Services, Inc.	892,000	72,305	43.2
Florence	Rock Tenn (formerly Smurfit-Stone)	103,032	35,223	16.2
Georgetown	Georgetown County	51,000	18,373	1.5
Georgetown	International Paper Co.	120,000	23,200	4.3
Greenville	General Electric	N/A	647	0.0
Greenville	Greenville County (Twin Chimneys)	87,157	82,016	15.2
Greenville	Greenville (Republic)	200,000	22,556	4.8
Greenville	WCA Shiloh	128,000	55,917	37.1

*Did Not Report **Permitted in cubic yards per year, used conversion 1 cubic yard = 0.6 tons

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY11 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Greenwood	Greenwood County	31,250	21,069	0.4
Hampton	Hampton County	12,600**	2,485	6.6
Horry	Horry County Solid Waste Authority	250,000	80,555	10.1
Jasper	Oakwood	188,000	48,195	22.6
Jasper	Snake Road	113,200	*	*
Kershaw	Kershaw County	30,000	29,720	28.0
Kershaw	Loveless & Loveless	200,000	75,650	197.0
Kershaw	Pine Hill	170,000	121,603	106.6
Lancaster	Mining Road Industrial	200,000	59,882	28.0
Laurens	City of Clinton	13,000	3,163	34.8
Laurens	Curry Lake	241,591	53,378	10.1
Laurens	Hwy. 92	154,000	0	50.0
Lexington	Carolina Materials	240,000	41,334	11.0
Lexington	Lexington County (Edmund)	216,000	62,740	20.6
Lexington	SCE&G McMeekin Station	N/A	6,227	7.0
Lexington	S&T Recycling	7,200**	3,000	3.8
Lexington	Southeastern Associates	120,000	39,887	12.7
Marion	City of Mullins	135,350	0	0.0
Marion	Hwy. 908	206,540	0	6.0
Marion	Marion County	135,350	10,983	14.0
Marion	Sandlands (Phase II)	206,500	13,990	437.5
Marlboro	Domtar Paper	12,000	2,048	58.7
Newberry	Southeast Resource Recovery, Inc.	208,000	9,416	72.8
Oconee	Duke Power – Oconee Nuclear Station	2,000	379	26.4
Oconee	Oconee County	37,615	19,299	*
Orangeburg	Orangeburg County	31,000	19,721	0.5
Orangeburg	Georgia-Pacific Corp. Holly Hill	N/A	*	*
Orangeburg	SCE&G Cope	N/A	162,820	108.3
Pickens	Hwy. 93	70,500	0	50.0
Pickens	Pickens County (Easley)	20,000	15,156	4.7
Richland	Carolina Grading Inc.	122,400	4	151.0
Richland	International Paper	N/A	124,000	16.0
Richland	Intertape Polymer Group	10,000	0	0.0
Richland	Richland County	200,000	33,657	24.2
Spartanburg	Kohler Company	N/A	10,270	98.1
Spartanburg	Spartanburg County (Wasp Nest)	80,000	66,124	7.6
Spartanburg	Tindall Special Waste	N/A	0	*
Sumter	Sumter County	51,333	32,177	*
Williamsburg	Martek	80,000	11,290	3.0
Williamsburg	Williamsburg County	4,370	3,111	2.0
York	Bowater	N/A	13,673	10.0
York	Coltharp	70,000	49,625	5.0
York	Duke Power – Catawba Nuclear Station	N/A	2	14.3
York	Green's of Rock Hill #1	365,000***	6,900	9.3
York	Green's of Rock Hill #2	365,000***	1,400	9.9
York	Rogers	N/A	2,700	10.0
York	Vernsdale	58,300	0	35.0
York	York County	75,000	36,271	0.5
TOTAL		8,613,557	2,815,434	37.9****

*Did Not Report **Permitted in cubic yards per year, used conversion 1 cubic yard = 0.6 tons ***Permitted at 1,000 tons per day ****Average

SOLID WASTE PLANNING

The S.C. Department of Health and Environmental Control (DHEC) has the responsibility for permitting landfills and other facilities that manage solid waste in South Carolina. But while state and federal regulations dictate specific engineering and geological requirements for these facilities, there

also are other state and local planning tools and requirements that dictate specific geographical locations where the facilities may be placed. Responsibility for comprehensive solid waste planning therefore lies with state, county and even municipal governments.

LOCAL PLANNING RESPONSIBILITIES

County/Regional Solid Waste Management Plans

DHEC works with local governments to ensure adequate disposal capacity for solid waste and that proposed solid waste facilities are located in accordance with federal, state and local requirements. County governments have the responsibility for developing and implementing county or regional solid waste management plans. The S.C. Solid Waste Policy and Management Act of 1991 (Act) requires each county to have a comprehensive solid waste management plan. Counties may join together to create and implement a regional solid waste management plan.

Local plans are to provide information related to solid waste facilities, waste generation, local disposal and management options, full-cost data and recycling plans. Copies of local plans may be obtained from the appropriate local government. Local plans should be used to estimate how much solid waste will be generated for disposal and to determine the necessary solid waste facilities to manage that waste. Plans also should outline how the county or region will encourage waste reduction and recycling by businesses, residents and institutions.

Language in the local plan should be clear, concise and based on factual data and research. Because the local government is responsible for providing management of all solid waste, the local plan should address all solid waste streams and all applicable facility types and methods of treatment. The Act

requires local governments to consider solid waste needs for a 20-year planning period.

Local plans should be reviewed periodically to assess the impact of regulatory changes, new permit issuances, population changes and waste generation trends. For these reasons, DHEC encourages counties and regions to review their solid waste management plans periodically and update or revise them as needed.

Counties should develop their solid waste management plans with input from cities and towns within the county and offer an opportunity for public input into the plans.

Zoning and Land-use Planning

In addition to consideration of local solid waste plans, DHEC has the responsibility to ensure that the locations of new facilities are consistent with county and city zoning ordinances as well as land-use plans. Any county or city that enacts zoning and land-use plans should consider the impact upon available locations for the placement of solid waste management facilities.

DHEC provides guidance and assistance for local officials and solid waste consultants to consider when submitting, writing and/or modifying local solid waste plans. Staff will conduct workshops or make presentations upon request. Assistance also is available to the regulated community to help determine how a proposed facility would be impacted by state and local planning considerations.

STATE PLANNING RESPONSIBILITIES

DHEC has responsibility for:

- developing a state solid waste management plan;
- 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.

The S.C. Solid Waste Management Plan

The Act also requires the state to have a comprehensive solid waste management plan. The S.C. Solid Waste Management Plan (State Plan) contains an inventory of the amounts and types of solid waste currently being disposed of, solid waste disposal projections for a 20-year period, an estimate of the current capacity in this state to manage solid waste as well as an analysis and evaluation of current practices.

The State Plan was adopted in 1992 and revised in 1999. In 2006, a modification was made to establish limits for facilities that use emerging technologies

to manage solid waste until such time as the technologies have been determined to be effective and safe. This annual report is an update to the State Plan as required by the Act.

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 and local zoning or 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 after conducting a review of the local plan and other applicable ordinances.

It is essential that each county solid waste management plan be current and written so that it clearly conveys the intent of the county over the 20-year planning period. It is equally important that city and county zoning as well as land-use plans clearly reflect the intent of the appropriate local government with regard to the suitability of specific locations for solid waste management facilities.

DEMONSTRATION OF NEED

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 and 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 solid waste landfills.

The regulation defines a facility as being “non-commercial” if it manages only the solid waste generated in the course of normal operations on property under the same ownership or control as the

facility itself (i.e., “on site”). Non-commercial facilities are not required to demonstrate need. The DON regulation stipulates that where there are at least two commercial solid waste management facilities of the same type within a planning area, no new facility is allowed.

Class 2 Landfills

Class 2 landfills accept land-clearing debris, certain construction and demolition debris, certain brown goods and under certain conditions, animal carcasses. Class 2 landfills have a 20-mile planning radius. See pages 102-103 for a map detailing landfill locations and planning radii.

To calculate allowable annual disposal at new Class 2 landfills, DHEC uses 100 percent of the host county generation and 30 percent of the generation in other

counties within the planning area. Tonnage increases for existing Class 2 facilities are allowed only if the facility is operating within 20 percent of its permitted amount, (i.e., the amount of waste disposed per year is 80 percent or more of the annual permitted capacity). If a Class 2 landfill qualifies for an increase, it can receive the lesser of the amount that disposal in the planning area has increased since the facility last received a permitted increase or 50,000 tons.

Class 2 landfills that were 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 8.2 for Class 2 waste generated for disposal by county for use in demonstrating need.

Class 3 Landfills

Class 3 landfills accept municipal solid waste, industrial solid waste, sewage sludge, non-hazardous municipal solid waste incinerator ash and other non-hazardous waste. For new commercial Class 3 landfills, allowable tonnage is calculated using 100 percent of the host county generation and 50 percent of other counties' generation within the planning area except that none is counted from other counties that have an existing Class 3 landfill. The planning area for a Class 3 landfill includes any county within a 75-mile radius. See pages 104-105 for a map detailing landfill locations and planning radii.

The yearly disposal rate at an existing landfill is allowed to increase only if the facility is within 20 percent of its permitted disposal rate (i.e., the amount of waste disposed per year is 80 percent or more of the annual permitted capacity). If a Class

3 landfill qualifies for an increase, it can receive the lesser of the amount that disposal in South Carolina has increased since the facility last received a permitted increase or 150,000 tons.

In addition, the allowable yearly disposal rate at any Class 3 landfill cannot exceed 30 percent of solid waste generated in South Carolina that is destined for disposal in Class 3 landfills. Class 3 landfills that were 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 8.3 for Class 3 waste generated for disposal by county for use in demonstrating need.

Solid Waste Incinerators

The yearly throughput for a solid waste incinerator is based on the manufacturer's design of the incinerator, but cannot exceed 600 tons per day. The planning area for a solid waste incinerator is 75 miles. The DON regulation does not apply to air curtain incinerators that receive only wood waste and yard trimmings.

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 the total amount of 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 106-107 for a map detailing landfill locations and planning radii.

TABLE 8.1: 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 Processors	75 miles	2	Total of 100 percent of host county tonnage and 50 percent of tonnage of other counties in planning area

TABLE 8.2: Class 2 Waste Generated for Disposal in Tons for Use in Demonstrating Need

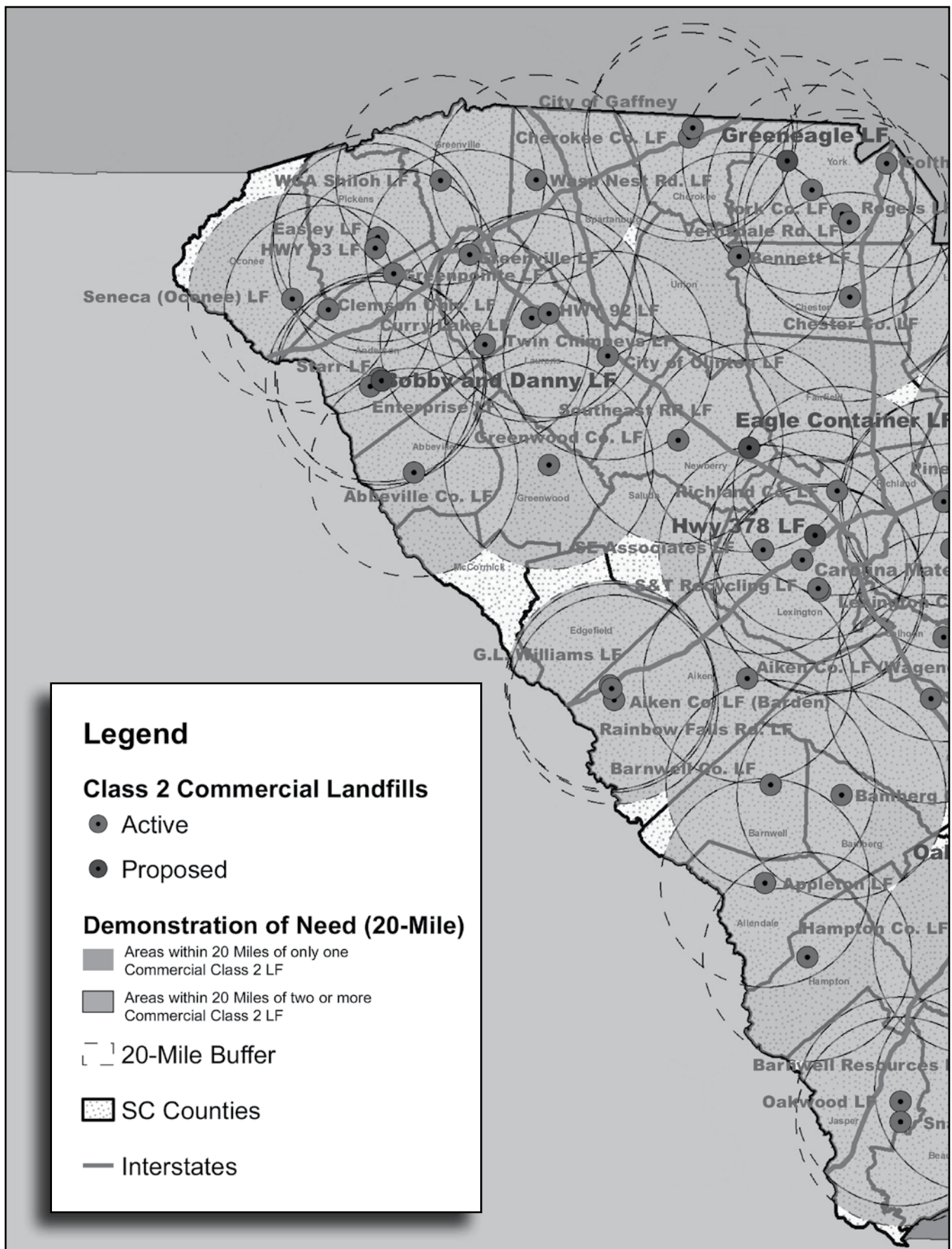
COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Abbeville	1,060	896	766	1,191	13,510	4,550	6,597	3,256	2,554	8,180	7,049	5,527
Aiken	34,469	45,631	61,565	88,655	88,717	79,529	90,100	102,927	22,443	81,575	78,348	76,801
Allendale	526	962	1,814	3,534	1,578	3,128	2,354	2,171	1,509	1,586	10,482	3,440
Anderson	29,408	44,258	64,339	52,417	37,316	35,817	51,311	70,823	63,670	48,079	45,256	64,807
Bamberg	5,742	4,341	5,796	5,788	4,883	4,811	6,175	6,381	126	18,871	5,357	13,693
Barnwell	8,964	10,736	10,651	12,749	8,329	10,411	10,921	10,700	11,686	11,868	9,481	6,604
Beaufort	115,513	107,950	91,022	102,287	121,464	139,916	141,752	130,391	86,288	67,541	60,050	61,081
Berkeley	61,733	51,034	72,948	58,137	66,023	73,228	101,411	98,516	121,267	54,266	33,890	34,347
Calhoun	6,501	7,243	5,873	4,067	4,139	3,554	4,474	3,176	3,057	3,501	3,932	3,109
Charleston	152,971	199,464	161,872	189,168	296,129	281,444	333,332	341,113	440,913	239,234	208,667	157,689
Cherokee	12,123	8,695	10,916	8,586	10,658	21,604	16,240	9,818	10,402	10,613	15,509	3,384
Chester	2,874	5,713	22,572	27,897	21,894	4,373	73,343	4,517	251,972	20,566	21,426	30,200
Chesterfield	0	3,746	7,545	15,192	12,805	16,194	14,738	12,181	0	11,855	11,946	11,373
Clarendon	7,036	6,019	4,574	4,605	5,500	9,296	8,951	10,288	7,352	10,194	9,491	10,086
Colleton	5,790	14,846	14,842	13,295	13,157	13,823	17,439	20,900	23,668	19,522	21,577	16,966
Darlington	15,225	15,118	21,252	19,662	12,614	17,358	16,264	16,755	11,721	16,100	23,934	24,681
Dillon	8,412	9,951	11,359	10,096	11,412	40,344	8,352	10,549	11,233	11,310	8,342	10,263
Dorchester	29,250	17,706	16,069	10,044	0	63,910	77,295	82,099	94,641	57,612	24,130	33,078
Edgefield	1,700	3,790	2,811	3,972	3,442	3,244	13,116	12,479	6,119	9,644	5,145	2,919
Fairfield	104	0	407	311	126	209	399	284	780	343	859	1,510
Florence	68,490	67,721	69,005	68,534	93,715	34,114	27,002	54,069	323,917	96,557	121,928	70,964
Georgetown	28,603	27,770	26,820	22,114	33,680	30,087	51,581	34,270	49,886	27,765	26,558	22,886
Greenville	50,526	136,406	130,381	148,152	87,157	142,780	163,834	161,738	210,924	168,463	145,991	185,015
Greenwood	15,276	2,932	8,343	12,283	8,908	14,696	20,174	26,714	21,063	28,908	13,838	29,587
Hampton	3,761	3,349	5,714	3,221	7,444	8,590	7,786	8,993	7,462	10,466	3,001	3,901
Horry	136,306	121,949	116,954	135,648	170,856	155,676	226,672	332,583	141,007	109,953	82,451	80,687
Jasper	921	768	6,868	1,028	812	176	3,681	4,907	5,837	3,137	3,047	3,885
Kershaw	22,183	23,208	31,193	30,452	33,277	41,925	52,688	42,346	41,652	41,026	95,973	38,343
Lancaster	43,526	46,769	24,706	34,499	34,009	31,067	26,798	27,344	65,801	29,834	47,791	46,699
Laurens	8,866	7,464	8,875	17,156	19,634	6,655	11,435	16,860	12,811	7,359	9,990	13,982
Lee	0	0	0	0	0	0	0	0	0	0	0	152
Lexington	215,614	221,934	225,122	263,041	239,924	246,785	237,178	217,465	223,503	153,665	141,975	139,902
Marion	2,952	9,238	7,055	10,982	16,493	29,818	62,965	31,299	19,419	18,875	12,642	14,459
Marlboro	181	540	1,059	1,034	1,040	845	1,212	2,491	0	10,486	7,810	10,219
McCormick	872	1,086	937	820	957	1,335	4,409	1,669	1,009	1,023	1,616	349
Newberry	7	205	517	632	997	1,098	2,263	1,219	10,577	7,024	7,657	7,430
Oconee	12,714	27,064	24,291	23,577	29,279	19,867	23,838	26,385	24,337	22,577	20,181	19,753
Orangeburg	39,885	23,695	20,213	21,579	24,097	20,915	26,419	27,360	50,573	29,922	24,581	20,653
Pickens	11,207	18,496	20,097	30,323	23,880	34,754	17,951	20,807	21,867	19,806	15,726	17,229
Richland	204,288	205,404	190,545	220,088	206,332	216,945	216,246	196,701	198,115	199,056	123,076	217,915
Saluda	2,054	1,700	2,028	1,116	1,176	1,149	1,960	1,465	1,614	1,601	1,521	416
Spartanburg	103,583	91,717	103,904	39,812	71,553	71,917	71,047	72,161	80,217	65,229	60,479	91,667
Sumter	49,638	49,039	48,489	51,963	42,747	38,934	55,714	50,625	50,656	4,193	46,213	43,228
Union	3,814	5,892	20,178	2,928	1,018	1,236	8,421	2	6	3,082	3,790	5,273
Williamsburg	18,452	4,828	4,106	3,818	2,585	2,386	7,220	6,491	3,280	3,860	2,786	4,065
York	65,072	78,174	67,808	50,718	99,277	98,029	97,493	125,969	113,171	74,202	76,603	81,573
TOTAL	1,608,192	1,735,447	1,754,201	1,827,171	1,984,543	2,078,522	2,420,551	2,441,257	2,850,105	1,840,529	1,702,095	1,741,791

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

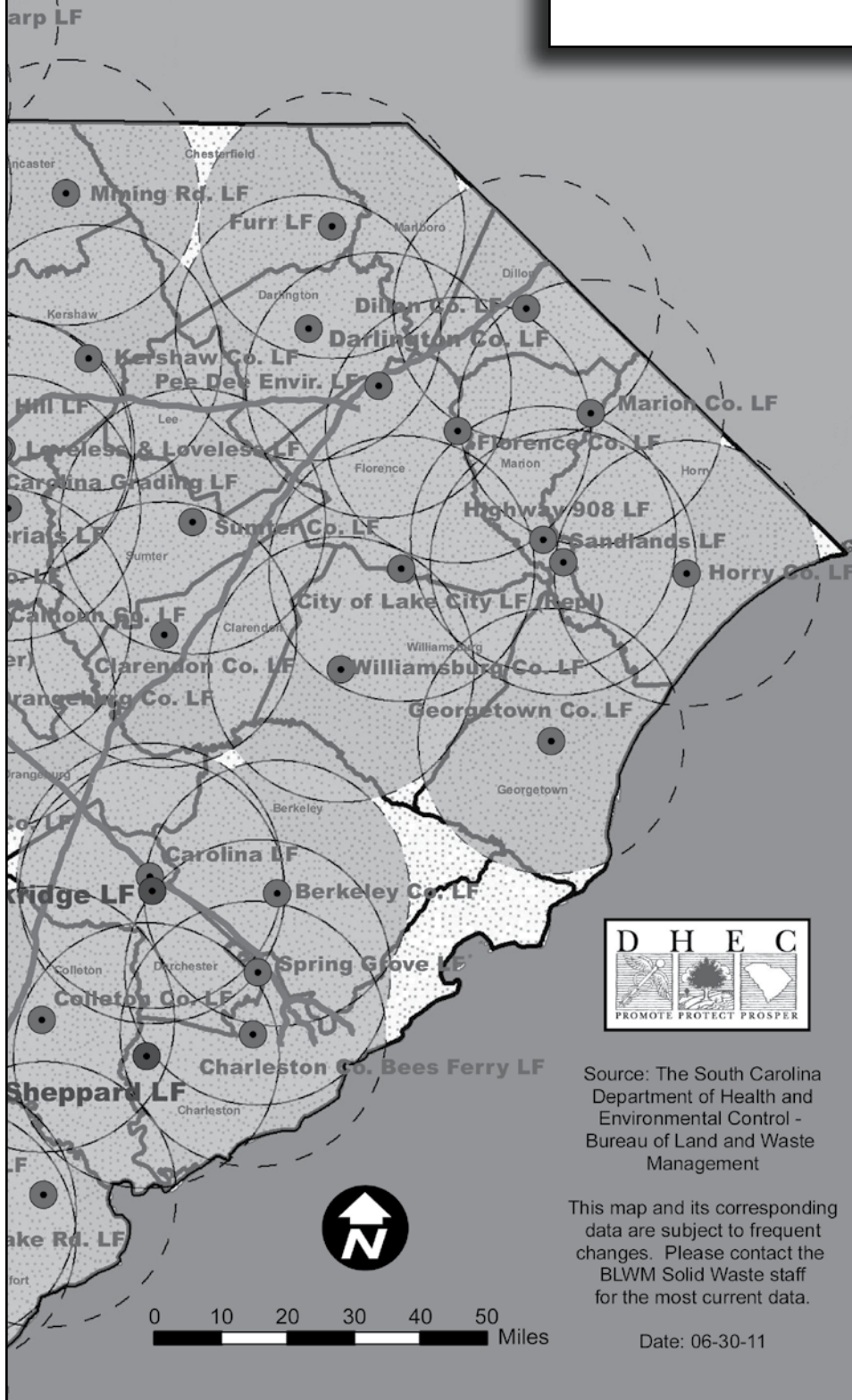
TABLE 8.3: Class 3 Waste Generated for Disposal in Tons for Use in Demonstrating Need

COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Abbeville	25,486	25,879	23,792	25,909	18,817	15,836	17,219	17,959	15,611	13,987	13,874	15,844
Aiken	103,087	121,897	101,193	111,935	149,515	131,285	101,563	125,796	127,491	120,058	114,556	131,596
Allendale	6,303	6,297	6,549	6,540	5,903	6,990	5,813	10,990	7,932	7,209	6,522	6,268
Anderson	165,060	136,770	170,387	148,232	148,849	161,610	138,783	130,509	135,794	115,667	130,955	131,034
Bamberg	17,606	19,644	17,911	13,768	11,652	11,280	11,857	10,665	10,799	10,457	9,461	9,505
Barnwell	22,064	20,570	71,924	18,247	19,373	20,128	17,683	19,488	17,474	15,705	15,753	14,839
Beaufort	134,951	139,979	142,337	151,624	167,383	181,849	199,029	177,278	163,868	177,291	148,470	149,520
Berkeley	160,999	155,071	178,342	309,398	353,891	314,269	379,387	636,603	501,690	339,890	324,793	310,367
Calhoun	12,697	3,938	10,183	9,659	8,660	12,143	10,615	11,109	11,100	15,331	23,062	19,165
Charleston	290,198	159,547	166,317	191,932	391,841	285,117	256,089	281,938	270,676	274,636	325,997	497,192
Cherokee	97,981	86,395	78,519	73,943	71,332	71,145	69,106	88,008	52,137	77,652	85,767	143,803
Chester	31,311	31,543	58,377	44,435	37,070	37,847	43,496	33,323	63,758	30,115	26,297	23,799
Chesterfield	57,554	24,842	22,951	24,514	21,941	20,206	17,543	15,168	15,428	13,572	18,335	19,282
Clarendon	32,850	32,148	14,222	10,932	18,403	8,112	10,671	16,377	16,364	15,514	15,644	14,988
Colleton	39,291	19,762	53,092	31,938	35,071	38,826	39,014	39,358	44,683	38,032	100,137	35,435
Darlington	39,352	51,138	45,920	68,953	52,057	51,823	47,333	70,796	88,008	90,953	38,461	37,736
Dillon	30,701	38,571	37,795	49,694	26,970	34,416	31,492	38,616	35,317	25,246	24,321	20,698
Dorchester	87,567	65,143	71,509	97,934	163,930	139,405	149,202	121,366	125,826	123,105	98,774	89,423
Edgefield	13,765	14,822	14,774	14,870	13,969	13,406	13,371	14,473	15,531	15,158	13,119	12,096
Fairfield	23,130	21,065	19,664	23,076	22,546	21,981	20,721	22,041	21,306	22,927	21,214	20,804
Florence	131,033	150,094	148,367	151,123	152,909	154,874	149,919	135,663	139,811	165,766	132,582	237,630
Georgetown	70,117	59,655	71,720	70,531	49,736	50,709	54,719	51,870	42,675	43,011	48,446	58,651
Greenville	498,874	526,467	489,216	613,417	589,204	673,249	674,574	682,511	602,825	526,402	451,344	433,490
Greenwood	111,454	105,728	93,699	91,719	109,407	120,320	117,341	112,858	102,693	84,863	98,963	79,053
Hampton	20,701	20,203	20,656	22,039	18,188	22,991	17,322	18,609	18,266	12,561	13,179	11,738
Horry	195,960	199,410	193,573	212,686	227,469	222,935	237,582	246,126	248,988	235,314	228,843	227,395
Jasper	13,968	15,351	15,457	17,692	27,039	22,100	22,050	32,139	32,966	30,904	18,928	13,508
Kershaw	36,358	37,575	39,716	45,597	40,162	44,233	43,368	41,904	37,705	37,240	43,691	33,342
Lancaster	33,433	30,175	36,565	35,088	35,623	31,561	33,842	30,489	34,114	30,054	28,506	30,619
Laurens	49,167	51,133	50,477	57,940	51,636	73,090	49,210	42,475	39,671	42,978	45,586	48,658
Lee	18,674	19,245	27,034	14,670	14,981	15,425	14,737	14,941	15,837	14,637	71,965	82,942
Lexington	125,788	128,951	172,856	221,323	256,226	171,692	193,268	190,583	188,295	171,124	169,820	160,941
Marion	54,027	13,830	16,585	4,796	21,673	14,380	21,683	26,141	30,454	21,241	18,733	17,015
Marlboro	14,731	10,401	16,763	15,289	21,815	12,004	13,276	12,332	10,314	12,063	14,913	15,547
McCormick	4,746	5,333	4,682	11,869	5,183	4,858	4,524	4,505	4,232	4,264	5,120	5,099
Newberry	40,326	44,292	47,662	47,893	48,591	50,420	49,951	48,603	39,330	40,574	41,072	38,657
Oconee	44,351	50,400	46,749	45,260	45,533	49,368	53,302	56,408	54,865	49,338	51,269	49,056
Orangeburg	78,506	85,677	84,278	98,350	92,969	94,382	100,988	89,386	79,245	75,717	70,448	72,983
Pickens	47,353	58,572	56,669	56,938	59,873	54,966	51,255	58,104	52,715	53,494	52,257	57,259
Richland	365,878	342,760	323,740	327,966	349,087	341,907	376,435	354,977	353,135	348,475	457,204	376,749
Saluda	10,360	8,702	8,619	9,197	9,684	14,687	11,870	11,116	11,025	9,680	12,673	22,074
Spartanburg	316,587	314,706	307,298	418,942	373,060	351,908	381,084	381,750	484,612	412,680	476,809	562,235
Sumter	84,072	96,023	95,752	119,698	135,220	156,345	163,056	108,801	101,854	94,452	86,824	84,673
Union	19,659	17,241	15,794	12,835	18,988	28,309	14,178	18,775	19,803	30,702	20,335	20,217
Williamsburg	33,215	36,385	26,966	26,100	25,582	28,259	39,045	45,506	79,698	52,614	34,282	17,842
York	137,258	144,255	139,609	147,720	152,150	166,059	161,476	167,139	160,675	172,941	148,718	141,161
TOTAL	3,948,549	3,747,585	3,856,260	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

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



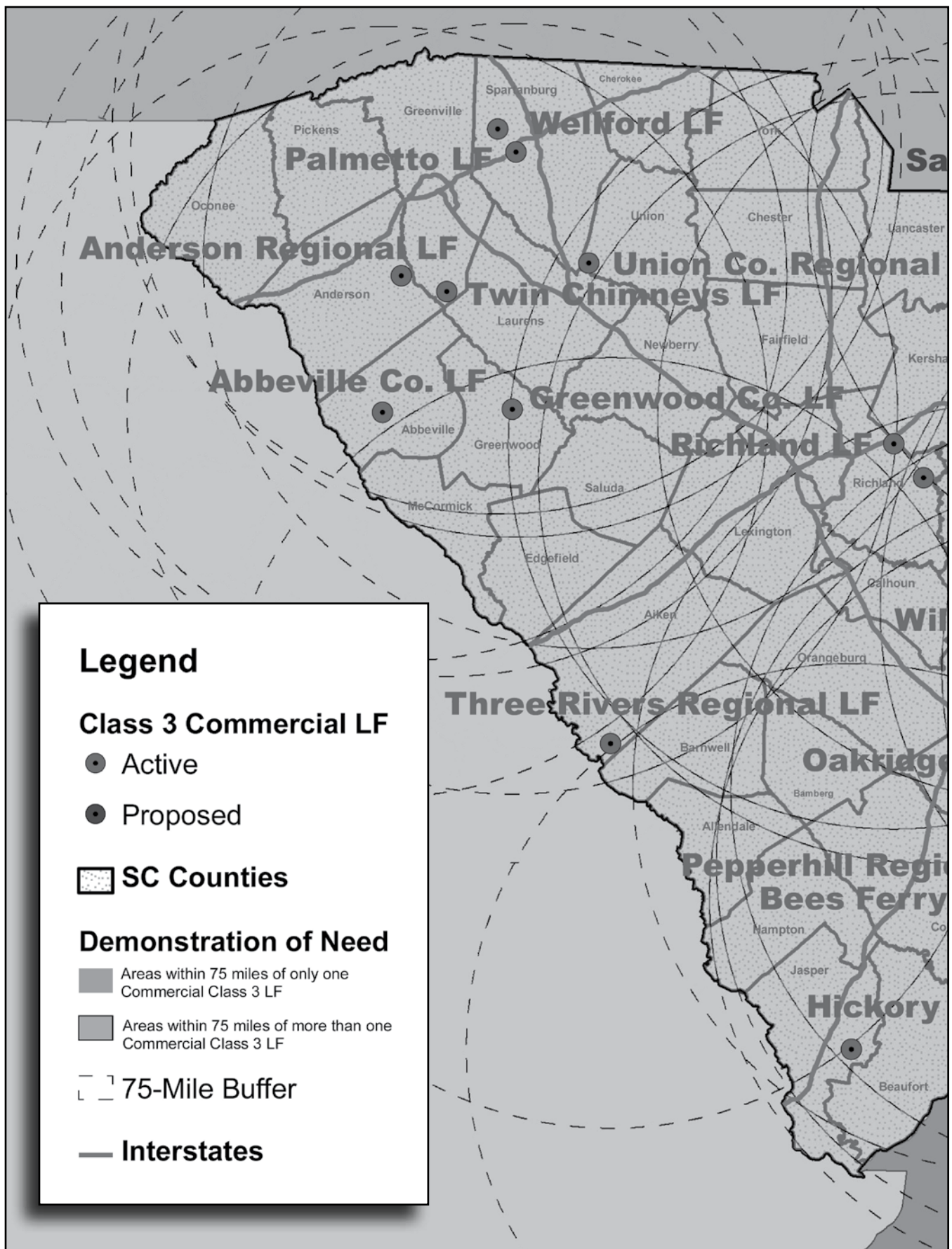
DEMONSTRATION OF NEED MAP FOR CLASS 2 LANDFILLS



CLASS 2

- Limits waste streams to Appendix I items without waste characterization
- Waste that is characterized as less than 10 times the 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
 - Requires scales – but exempts scales for facilities with less than 10,000 tons per year and on-site landfills
- Design Criteria:
 - Requires settlement calculations on the bottom elevation
 - Requires DHEC to inspect the landfill prior to waste placement
 - Requires airport buffer for landfills accepting dead animals
 - Sets cap requirements at 2 feet of soil
 - Buffers established when "Notice of Intent to File a Permit Application" is published
 - Requires groundwater monitoring and corrective action
 - Sets post-closure (20 years)
 - Requires closure and post-closure financial assurance

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



**DEMONSTRATION OF NE
CLASS 3 LANDFILLS**

D H E C
PROMOTE. PROTECT. PROSPER.

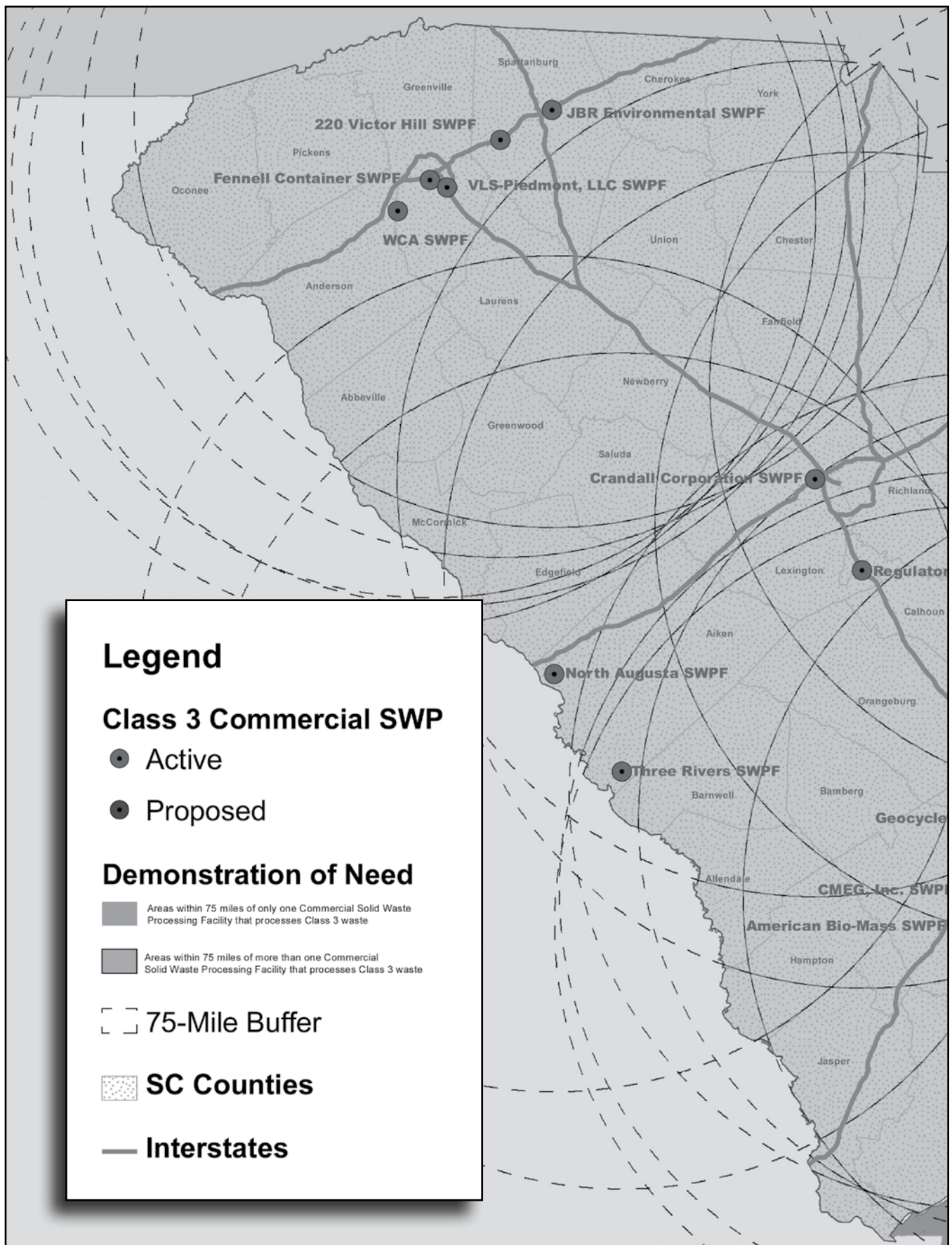
Source: The South Carolina
Department of Health and
Environmental Control -
Bureau of Land and Waste
Management

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

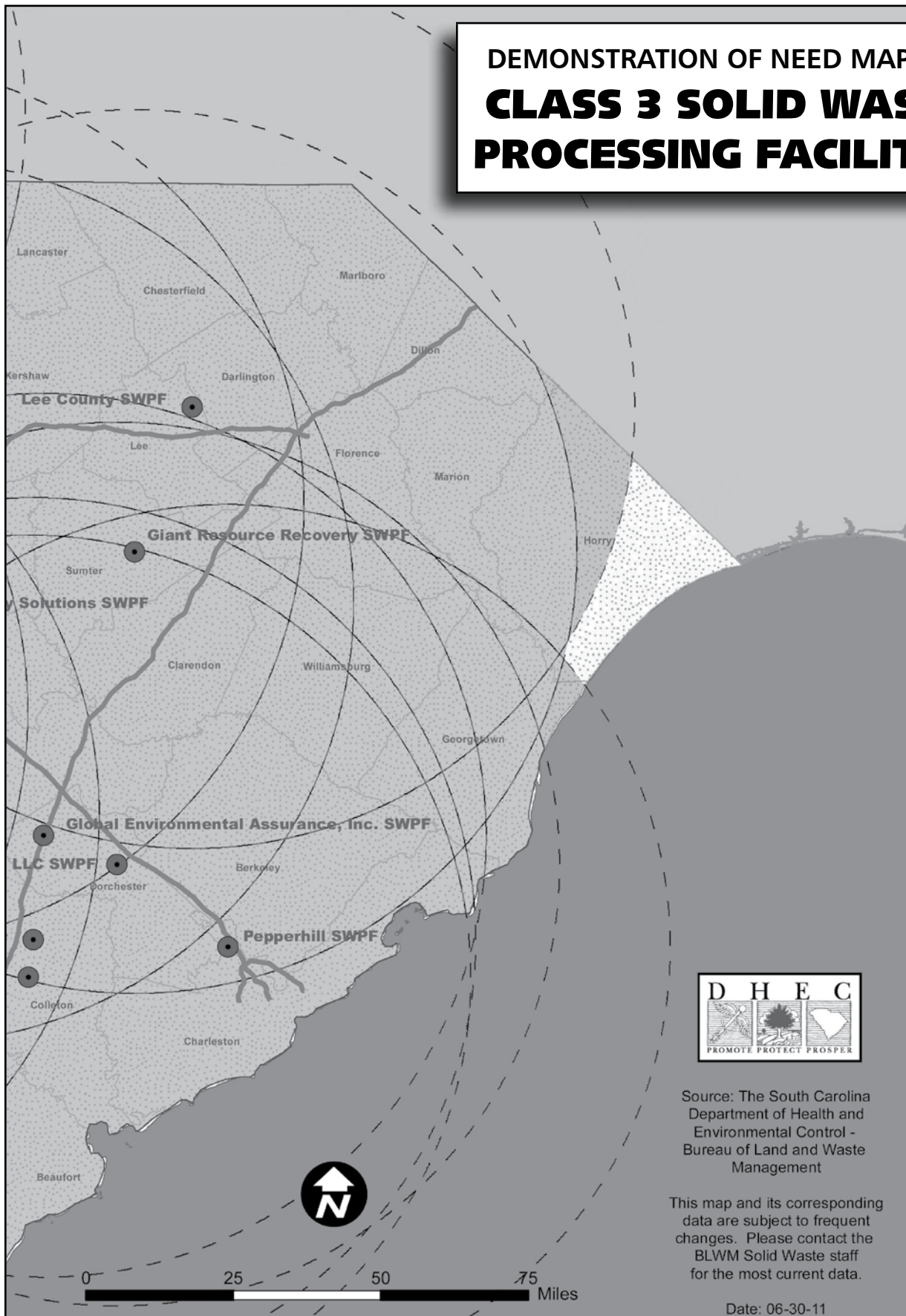
Date: 06-30-11

- Requires waste characterization through the Special Waste Analysis and Implementation Plan
- Requirement to inspect 10 percent of incoming loads
- Landfills that were permitted as ISW Class II 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
- Minimum factor safety against failure based on soil type
- Certification testing of cap to include:

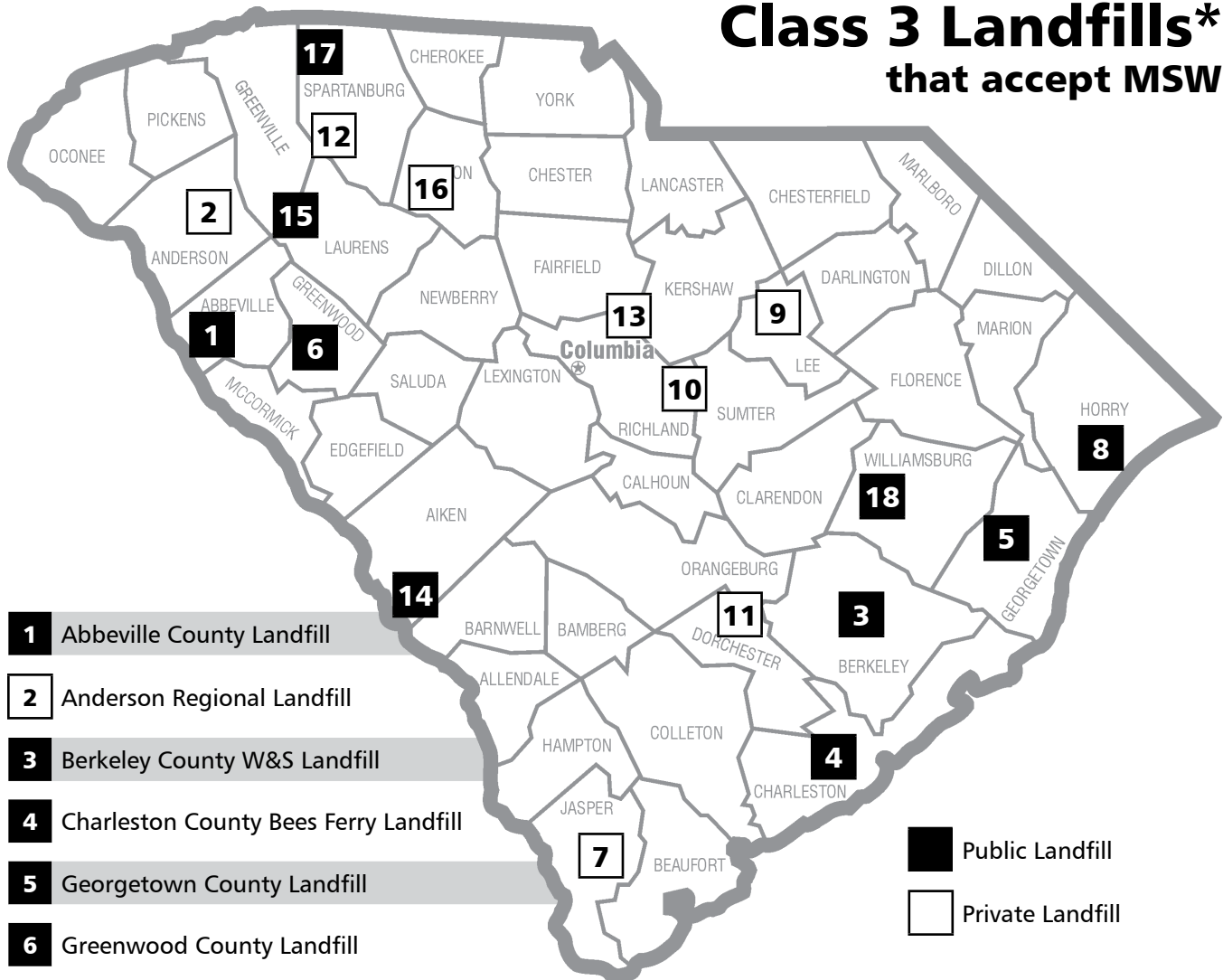
South Carolina Solid Waste Management Annual Report ■ FISCAL YEAR 2011



DEMONSTRATION OF NEED MAP FOR **CLASS 3 SOLID WASTE PROCESSING FACILITIES**



South Carolina's Class 3 Landfills* that accept MSW



* This map ONLY includes Class 3 landfills that accept municipal solid waste (MSW). The state defines MSW as the combined residential, commercial, institutional/non-profit and industrial packaging/office waste generated. For a complete list of the state's Class 3 landfills, see Chart 7.1 on page 83 and Table 7.6 on page 86.

** This landfill no longer accepts waste as of March 26, 2011.

FULL-COST DISCLOSURE

Local governments spent about \$311 million on solid waste services in fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011).

Local governments that provide solid waste services to residents are required by the S.C. Solid Waste Policy and Management Act of 1991 (Act) to report the cost per person (per capita) for those services. This requirement is known as full-cost disclosure. It is defined as a local government's total cost for operating a solid waste program. Costs reported include expenditures for all activities related to collecting, disposing of and recycling solid waste. Examples include labor, contracts, employee benefits, capital expenditures and costs associated with the construction, operation and closure of disposal facilities. The revenue generated from the sale of recyclables also is reported.

The purpose of full-cost disclosure is to assist local governments in assessing their true costs for providing solid waste services. Determining the true costs of managing solid waste allows local governments to make informed decisions about their programs, evaluate options (e.g., expand a recycling program), identify opportunities for streamlining

services, develop cost-effective efforts and better plan for the future. Done well, full-cost disclosure helps local governments achieve solid waste management goals. Full-cost disclosure, however, does not consider any environmental or economic benefits of a recycling program. Recycling, for example, reduces the need to build landfills, conserves natural resources and saves energy. Additionally, recycling creates more jobs than disposal and the overall recycling industry plays a key role in the state's economy.

All local governments must complete and submit a full-cost disclosure report to the S.C. Department of Health and Environmental Control annually for the previous FY. Local governments also must publish the information in a local newspaper. Full-cost reports from 196 local governments were received for FY11. Table 9.1 reflects the cost for each local government solid waste program.

The annual cost for providing solid waste services in South Carolina during FY11 ranged from \$3.63 per person to \$851.27 per person. The state per person cost for solid waste services in FY11 was \$67.28 – a decrease of 84 cents from FY10.

A Few Words about Full-cost ...

When comparing solid waste costs between local governments, it is important to remember that solid waste services can vary widely. For example, some local governments offer curbside collection, which is more expensive than drop-off collection. Curbside collection, however, offers a higher level of service to residents, helps prevent illegal burning or dumping of household garbage and may increase participation in recycling programs.

Other local governments also may manage commercial collection and disposal, resulting in wide cost variances. Finally, counties or cities that operate landfills may have lower contract costs and avoid paying tipping fees, but have larger capital expenditures.

In summary, comparing costs of one local program to another is difficult and many factors need to be considered beyond the expenses and revenues reported in Table 9.1.

TABLE 9.1: Full-Cost Disclosure

COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA	COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA
Abbeville	Abbeville	\$576,729.00	5,237	\$110.13	Berkeley	County of	\$11,651,631.00	177,843	\$65.52
	Calhoun Falls	\$124,268.12	2,164	\$57.43		Goose Creek	\$1,261,920.23	35,938	\$35.11
	County of	\$955,877.48	25,417	\$37.61		Hanahan	\$808,575.40	16,065	\$50.33
	Due West	\$18,660.00	1,209	\$15.43		Moncks Corner	\$368,836.00	7,266	\$50.76
Aiken	Aiken	\$3,543,946.00	29,524	\$120.04	Calhoun	Cameron	\$6,907.05	424	\$16.29
	County of	\$5,208,426.00	160,099	\$32.53		County of	\$648,939.00	15,175	\$42.76
	Jackson	\$142,385.92	1,664	\$85.57		—	—	—	—
	Monetta	\$7,735.00	220	\$35.16	Charleston	Charleston	\$5,835,883.00	120,083	\$48.60
	N. Augusta	\$2,455,432.00	21,348	\$115.02		County of	\$16,854,344.00	350,209	\$48.13
	Salley	\$25,047.20	398	\$62.93		Folly Beach	\$577,058.00	2,478	\$232.87
Allendale	County of	\$191,515.00	10,419	\$18.38		Isle of Palms	\$1,310,191.00	4,133	\$317.01
	—	—	—	—		James Island PSD*	\$1,799,965.00	23,500	\$76.59
	—	—	—	—		Kiawah Island	\$990,022.00	1,163	\$851.27
Anderson	Anderson	\$1,581,775.06	27,953	\$56.59		McClellanville	\$25,000.00	499	\$50.10
	County of	\$4,882,338.00	187,126	\$26.09		Mt. Pleasant	\$4,349,501.00	67,843	\$64.11
	Honea Path	\$208,860.00	3,504	\$59.61		N. Charleston	\$6,065,009.00	117,526	\$51.61
	Pelzer	\$35,175.00	2,000	\$17.59		N. Charleston District	\$274,568.00	3,185	\$86.21
	Pendleton	\$191,648.45	2,966	\$64.62		Sullivans Island	\$156,057.54	1,791	\$87.13
	Williamston	\$348,511.25	3,993	\$87.28	Cherokee	Blacksburg	\$142,053.00	1,880	\$75.56
Bamberg	Bamberg	\$351,399.00	3,607	\$97.42		County of	\$1,602,609.00	55,342	\$28.96
	County of	\$903,171.00	15,987	\$56.49		Gaffney	\$959,325.00	12,414	\$77.28
	Denmark	\$132,355.00	3,538	\$37.41	Chester	Chester	\$833,837.00	6,476	\$128.76
	Elko	\$13,728.00	193	\$71.13		County of	\$1,831,828.00	33,140	\$55.28
Barnwell	Barnwell	\$237,323.00	4,750	\$49.96		Great Falls	\$261,737.37	2,125	\$123.17
	Blackville	\$116,440.08	2,406	\$48.40	Chesterfield	Cheraw	\$641,438.00	5,851	\$109.63
	County of	\$1,211,819.00	22,621	\$53.57		Chesterfield	\$235,753.93	1,472	\$160.16
	Snelling	\$11,760.00	246	\$47.80		County of	\$541,675.00	46,734	\$11.59
	Williston	\$184,548.00	3,301	\$55.91		McBee	\$57,725.60	714	\$80.85
Beaufort	Bluffton	\$496,675.00	12,530	\$39.64		Pageland	\$289,387.00	2,521	\$114.79
	County of	\$4,637,955.00	162,233	\$28.59		Patrick	\$35,448.00	350	\$101.28
	—	—	—	—					

* Public Service District

COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA	COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA
Clarendon	County of	\$1,566,348.00	34,971	\$44.79	Georgetown	Andrews	\$154,506.73	3,300	\$46.82
	Manning	\$667,881.00	4,108	\$162.58		County of	\$4,302,416.00	60,158	\$71.52
	Summerton	\$74,370.81	1,000	\$74.37		Georgetown	\$1,211,450.13	9,163	\$132.21
	Turbeville	\$40,097.00	726	\$55.23		Pawleys Island	\$30,520.00	150	\$203.47
Colleton	County of	\$2,896,263.00	38,892	\$74.47	Greenville	County of	\$7,772,596.00	451,225	\$17.23
	Edisto Beach	\$329,320.22	414	\$795.46		Fountain Inn	\$467,416.01	7,870	\$59.39
	Walterboro	\$748,519.00	5,398	\$138.67		Greater Greenville Sanitation Commission	\$10,848,838.00	106,232	\$102.12
Darlington	County of	\$2,297,900.00	68,681	\$33.46		Greenville	\$4,772,120.00	60,321	\$79.11
	Darlington	\$804,390.00	6,280	\$128.09		Greer	\$1,068,612.30	25,515	\$41.88
	Hartsville	\$1,113,193.00	7,764	\$143.38		Mauldin	\$1,311,012.00	22,889	\$57.28
	Lamar	\$34,739.00	1,015	\$34.23		Simpsonville	\$561,724.00	18,238	\$30.80
Dillon	County of	\$2,280,656.00	32,062	\$71.13	Greenwood	County of	\$3,281,887.00	69,661	\$47.11
	Dillon	\$521,952.00	6,700	\$77.90		Greenwood	\$1,320,141.00	23,222	\$56.85
	Lake View	\$61,021.51	829	\$73.61		Hodges	\$7,536.00	158	\$47.70
	Latta	\$92,193.74	1,379	\$66.86		Ware Shoals	\$146,302.75	2,170	\$67.42
Dorchester	County of	\$4,803,625.00	136,555	\$35.18	Hampton	County of	\$1,287,619.00	21,090	\$61.05
	Harleyville	\$29,389.99	677	\$43.41		Hampton	\$474,655.00	2,805	\$169.22
	Ridgeville	\$27,000.00	1,717	\$15.73		Varnville	\$183,466.00	2,300	\$79.77
	St. George	\$47,798.24	2,091	\$22.86	Horry	Briarcliff Acres	\$39,930.00	457	\$87.37
	Summerville	\$3,030,178.00	43,392	\$69.83		Conway	\$1,564,600.00	16,000	\$97.79
Edgefield	County of	\$943,492.00	26,985	\$34.96		County of (SWA*)	\$8,988,844.00	244,484	\$36.77
	Edgefield	\$326,590.00	5,059	\$64.56		County of (UCS**)	\$6,955,770.00	178,047	\$39.07
	Johnston	\$159,625.00	2,362	\$67.58		Myrtle Beach	\$4,038,003.16	27,109	\$148.95
Fairfield	County of	\$1,645,335.87	23,956	\$68.68		N. Myrtle Beach	\$3,495,682.00	13,741	\$254.40
	Winnsboro	\$790,824.00	3,550	\$222.77		Surfside Beach	\$1,015,234.00	3,837	\$264.59
Florence	—	—	—	—	Jasper	County of	\$641,668.00	24,777	\$25.90
	—	—	—	—		—	—	—	—
	Coward	\$15,573.00	650	\$23.96	Florence	County of	\$3,860,315.00	136,885	\$28.20
	County of	\$3,860,315.00	136,885	\$28.20		Florence	\$3,345,999.00	37,056	\$90.30
	Florence	\$3,345,999.00	37,056	\$90.30		Johnsonville	\$108,458.00	1,480	\$73.28
	Johnsonville	\$108,458.00	1,480	\$73.28		Lake City	\$988,564.00	6,478	\$152.60
	Lake City	\$988,564.00	6,478	\$152.60		Pamplico	\$98,656.00	1,226	\$80.47
	Pamplico	\$98,656.00	1,226	\$80.47		Quinby	\$51,600.00	949	\$54.37
	Quinby	\$51,600.00	949	\$54.37		Timmons ville	\$262,111.00	2,547	\$102.91
	Timmons ville	\$262,111.00	2,547	\$102.91		—	—	—	—

* Solid Waste Authority ** Unincorporated Collection System

COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA	COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA
Kershaw	Camden	\$1,097,502.00	6,830	\$160.69	McCormick	County of	\$324,612.00	10,233	\$31.72
	County of	\$1,996,011.00	61,697	\$32.35		McCormick	\$97,705.00	2,659	\$36.75
	Elgin	\$50,998.65	1,311	\$38.90		—	—	—	—
Lancaster	County of	\$2,063,037.00	76,652	\$26.91	Newberry	County of	\$1,769,544.00	37,508	\$47.18
	Heath Springs	\$22,339.65	872	\$25.62		Newberry	\$606,532.00	10,277	\$59.02
	Kershaw	\$172,797.00	1,803	\$95.84		Whitmire	\$153,865.67	1,512	\$101.76
	Lancaster	\$1,463,937.00	8,526	\$171.70	Oconee	County of	\$3,865,147.00	74,273	\$52.04
Laurens	Clinton	\$554,231.00	8,490	\$65.28		Seneca	\$622,436.00	8,102	\$76.82
	County of	\$1,754,847.00	66,537	\$26.37		Walhalla	\$514,395.00	3,601	\$142.85
	Laurens	\$843,846.41	9,900	\$85.24		Westminster	\$284,385.00	2,418	\$117.61
Lee	County of	\$204,890.00	19,220	\$10.66	Orangeburg	Bowman	\$46,926.00	908	\$51.68
	—	—	—	—		County of	\$4,285,915.00	92,501	\$46.33
Lexington	Batesburg-Leesville	\$247,000.00	5,517	\$44.77		North	\$39,490.00	754	\$52.37
	Cayce	\$680,504.00	12,528	\$54.32		Norway	\$20,610.48	337	\$61.16
	County of	\$6,962,534.00	262,391	\$26.53		Orangeburg	\$822,831.00	13,964	\$58.93
	Irmo	\$214,793.94	3,884	\$55.30	Pickens	Central	\$199,591.00	5,100	\$39.14
	Lexington	\$698,595.49	17,870	\$39.09		Clemson	\$1,283,779.00	13,905	\$92.32
	Swansea	\$32,648.72	827	\$39.48		County of	\$3,156,505.00	119,224	\$26.48
	West Columbia	\$1,724,860.00	14,988	\$115.08		Easley	\$1,133,108.44	19,993	\$56.68
Marion	County of	\$1,617,801.00	33,062	\$48.93		Liberty	\$293,965.00	3,059	\$96.10
	Marion	\$676,456.00	6,939	\$97.49		Norris	\$14,618.30	847	\$17.26
	Nichols	\$54,563.61	368	\$148.27		Six Mile	\$14,891.41	585	\$25.46
	Sellers	\$5,184.00	277	\$18.71	Richland	Columbia	\$10,164,130.00	129,272	\$78.63
Marlboro	Bennettsville	\$1,162,584.00	9,069	\$128.19		County of	\$27,209,934.00	384,504	\$70.77
	County of	\$215,508.00	28,933	\$7.45		Forest Acres	\$1,317,845.00	10,391	\$126.83
	McColl	\$10,529.80	2,900	\$3.63		Irmo	\$398,903.04	7,213	\$55.30
	Tatum	\$5,220.00	69	\$75.65					

COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA	COUNTY	LOCAL GOVERNMENT	TOTAL NET COST	POPULATION	COST PER CAPITA			
Saluda	County of	\$521,343.00	19,875	\$26.23	Union	Carlisle	\$23,400.00	436	\$53.67			
	Ridge Spring	\$50,841.50	737	\$68.98		County of	\$550,030.00	28,961	\$18.99			
	Saluda	\$342,654.00	3,565	\$96.12		Jonesville	\$67,200.00	911	\$73.77			
Spartanburg	Campobello	\$6,463.34	502	\$12.88		Union	\$884,396.00	8,393	\$105.37			
	Central Pacolet	\$14,400.00	216	\$66.67		Williamsburg	County of	\$2,120,894.00	34,423	\$61.61		
	Chesnee	\$47,169.00	1,039	\$45.40	Hemingway		\$60,000.00	563	\$106.57			
	County of	\$7,380,961.00	284,307	\$25.96	Kingstree		\$499,436.00	3,843	\$129.96			
	Cowpens	\$87,346.00	2,279	\$38.33	—		—	—	—			
	Inman	\$79,450.22	2,321	\$34.23	York		Clover	\$479,625.00	4,014	\$119.49		
	Landrum	\$129,689.00	2,500	\$51.88		County of	\$8,011,396.00	226,073	\$35.44			
	Lyman	\$150,333.71	3,243	\$46.36		Fort Mill	\$516,183.55	10,811	\$47.75			
	Pacolet	\$112,833.00	2,235	\$50.48		Rock Hill	\$5,784,618.00	66,154	\$87.44			
	Spartanburg	\$3,691,162.00	37,013	\$99.73		York	\$929,254.00	8,102	\$114.69			
	Woodruff	\$430,882.00	4,090	\$105.35	Sumter	County of	\$4,432,360.00	107,456	\$41.25	STATE TOTAL	\$311,188,936.51	4,625,364
Pinewood	\$48,112.81	512	\$93.97									
Sumter	\$1,604,476.63	40,524	\$39.59									



PERMITTED SOLID WASTE FACILITIES

In fiscal year (FY) 2011 (July 1, 2010 to June 30, 2011), there were 393 permitted solid waste facilities in South Carolina. These permitted facilities include – but are not limited to – landfills, transfer stations and processing facilities. Tables 10.2 to 10.8 (on the following pages) reflect a complete list of permitted facilities at the close of FY11. It includes (when available):

- the name of the county in which the facility is located;
- the facility name;
- the permitted disposal rate; and
- the tons received.

Table 10.1 should be used when referring to Tables 10.2 through 10.8.

TABLE 10.1: Permitted Amount Legend

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

TABLE 10.2: Permitted Solid Waste Landfills and Transfer Stations in FY11

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED
CLASS 1 LANDFILLS				Lancaster	Lancaster County	3,500 TPY	640
Abbeville	H.R. Garrett (Dobbins)	15,000 TPY	0	Laurens	H.R. Garrett, Inc. (Henderson Road)	20,000 TPY	525
Abbeville	Ron Hughes	10,000 CYPY	45	Laurens	H.R. Garrett, Inc. (Lisbon Rd.)	15,000 TPY	0
Aiken	Gary Miller	20,000 TPY	5,346	Lexington	378 Recycling	100,000 TPY	2,771
Aiken	G.L. Williams	2,500 TPY	63	Lexington	Sligh Properties	100 TPY	30
Aiken	Jack Wood	520 TPY	44	Lexington	Southeastern Associates	11,600 TPY	1,203
Aiken	John Swearingen	1,000 TPY	120	Lexington	Town of Batesburg-Leesville	2,000 TPY	541
Aiken	Mike Williams Construction	15,000 TPY	1,119	Newberry	Alex Metts	3,000 TPY	490
Aiken	Randy Hill	4,800 TPY	999	Oconee	Clemson-Seneca	3,000 TPY	270
Anderson	Anderson County (Starr)	26,000 TPY	18,571	Oconee	Northwest Grading Company	600 TPY	44
Anderson	Broadway	860 TPD	597	Oconee	Wells Highway	15,000 TPY	270
Anderson	City of Belton	3,060 TPY	2,940	Oconee	Wood	8,000 CYPY	90
Anderson	Miller Construction Company	15,000 CYPY	21	Orangeburg	Spire	90,000 TPY	0
Edgefield	Eugene Easler	359 TPY	*	Pickens	Martin	10,370 TPY	*
Edgefield	Pioneer Clearing	20,000 TPY	5,933	Pickens	R. Crawford/Pine Grove Church Rd.	3,000 TPY	428
Florence	Town of Timmons	30 TPM	0	Pickens	Walter Moody	625 TPY	0.3
Greenville	H.R. Garrett (Moon/Henderson)	4,000 Tons	*	Richland	Sharpe's Contracting Services	75 TPY	75
Greenville	Norris	250 TPY	108	Richland	Loveless & Loveless Screaming Eagle Road	30,000 TPY	12,073
Greenville	Trotter	100 TPY	*	Saluda	Goff	40,000 CYPY	197
Greenwood	BHC Trucking	6,500 TPY	960	Spartanburg	Brown	3,000 TPY	320
Jasper	Jasper County	120,000 TPY	305				
Lancaster	Heath Springs, Town of	—	0				

*Did Not Report Continued on the following page

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED
Spartanburg	City of Woodruff – Landford Rd.	488 TPY	60	Chester	Chester County	200 TPD	15,951
Spartanburg	Cliffdale Road	150,000 TPY	450	Colleton	Colleton County	115 TPD	32,909
Spartanburg	Hawkins Grading	6,000 TPY	65	Darlington	Darlington County	95 TPD	16,670
Spartanburg	Howard Grading and Construction	1,000 TPY	13	Dillon	Dillon County	250 TPD	38,389
Spartanburg	Roger Owens	900 TPY	0	Dorchester	Town of Summerville	200 TPD	0
Spartanburg	Jeff Thomas	50 TPW	0	Edgefield	Tri-County	320 TPD	32,796
Spartanburg	Jimmy Wilson Construction (Skinner Site)	10,000 TPY	7	Fairfield	Fairfield	320 TPD	14,768
Spartanburg	PAR Grading & Hauling	2,600 TPY	135	Florence	Florence	740 TPD	111,595
Spartanburg	Watson	3,000 TPY	0	Greenville	Blackberry Valley	150 TPD	3,903
Union	City of Union (Eison)	2,500 TPY	0	Greenville	City of Greenville	40,000 TPY	13,540
Union	City of Union (Walnut)	12,000 TPY	2,202	Greenville	City of Greer	150 TPY	9,393
York	City of Rock Hill	5,200 TPY	*	Greenville	MRR	500 TPD	0
York	Clawson	504,000 CYPY	360	Horry	City of Myrtle Beach	249,462 TPY	20,594
York	Creekside of York County	5,500 TPY	462	Horry	City of North Myrtle Beach	250 TPD	11,717
York	McCall Deer Creek Drive	100,000 CYPY	3,795	Lancaster	City of Lancaster	302,000 TPY	21,425
CLASS 2 LANDFILLS				Laurens	Laurens County	800 TPD	28,535
A complete list of Class 2 landfills can be found in Table 7.13 (pages 95-96).				Lexington	Lexington County	600 TPD	97,711
CLASS 3 LANDFILLS				Marlboro	City of Bennettsville	50 TPD	5,307
A complete list of Class 3 landfills can be found in Table 7.6 (page 86).				Newberry	Newberry County	400 TPD	28,395
TRANSFER STATIONS				Oconee	Oconee County	300 TPD	36,794
Anderson	Anderson-Oconee	1,500 TPD	*	Orangeburg	Orangeburg County	300 TPD	58,732
Anderson	Pendleton	500 TPD	23,009	Pickens	Pickens County	400 TPD	37,197
Bamberg	Bamberg County	250 TPD	10,830	Spartanburg	Broadcast Drive	140 TPY	14,447
Barnwell	Barnwell County	200 TPD	14,654	Spartanburg	City of Spartanburg	200 TPD	0
Beaufort	Haig Point	15 TPD	*	Spartanburg	Greer	1,200 TPD	59,589
Beaufort	Melrose	15 TPD	137	Sumter	Sumter County	400 TPD	57,822
Charleston	Carolina Processing & Recycling	700 TPD (Class 2) 1,300 TPD (Class 3)	131,163	Union	City of Union	21 TPD	2,886
Charleston	Town of Mount Pleasant	100 TPD	20,248	York	Container Company of Carolina (Fort Mill)	450 TPD	82,327
Cherokee	Cherokee County	800 TPD	49,404	York	York County	800 TPD	113,442

TABLE 10.3: Permitted Solid Waste Processors in FY11

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED
Aiken	North Augusta Regional Material Recovery Facility	250 TPD	17,096	Greenville	Fennell Container	1,200 TPD	208,344
Aiken	Three Rivers Solid Waste Authority	900 TPD	600	Greenville	VLS Recovery Systems	90,000 TPY	78,329
Anderson	ACE Recycling	10,400 TPY	8,223	Greenville	WCA Shiloh	1,200 TPD	37,924
Calhoun	Regulatory Solutions	10,000 TPY	7,856	Greenwood	Powell's Trash	124,800 CYPY	13,500
Colleton	American Bio-Mass	9,170 TPY	8,243	Lee	Lee County	450 TPD	54,176
Colleton	CMEG, Inc.	5,200 TPY	2,182	Lexington	Crandall Corporation	2,491 TPY	559
Dillon	Nobles Corporation	4,368 TPY	*	Richland	Waste 2 Energy	48,000 TPY	0
Dorchester	Global Environmental Assurance, Inc.	5,100 TPY	590	Spartanburg	220 Victor Hill	150 TPD	14,963
Dorchester	Pepperhill	1,200 TPD	112,035	Spartanburg	JBR Environmental Services	52,000 TPY	14,149
Dorchester	Geocycle, LLC	150,000 TPY	12,144	Sumter	Giant Resource Recovery, Sumter	104,000 TPY	7,470

*Did Not Report

TABLE 10.4: Permitted Composting and Wood Grinding Facilities in FY11

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Aiken	421 Composting Site (G.L. Williams)	240	Greenville	Greater Greenville Sanitation Commission	46,476
Aiken	APAC Composting (G.L. Williams)	75	Greenville	Greenville Wood Waste Recycling II	4,678
Aiken	City of Aiken CF	0	Greenville	Schneider Tree Care Wood Chipping Facility	7,590
Allendale	Town of Allendale CF	*	Greenville	S.R. Mulch & Wood Grinding Facility	5,140
Anderson	City of Anderson CF	76	Greenville	Timbertech	1,696
Anderson	Fowler Corporation Wood Chipping Facility	0.9	Greenville	Twin Chimneys Wood Chipping Facility	3,501
Anderson	Honea Path YT & Debris CF	0	Greenville	Vanport LCD Recycling Facility	0
Anderson	Willimon's Mulch Wood Chipping Facility	557	Greenville	WCA Shiloh Wood Processing Facility	236
Beaufort	LCR Construction	3,552	Greenwood	Southern Grading I Site	12,390
Beaufort	Barnwell Resources, Inc. Land Clearing	414	Greenwood	Southern Grading II Site	330
Beaufort	Hilton Head Plantation P.O.A. Wood Chipping	0	Greenwood	Southern Grading III Site	3
Beaufort	Community Associates	21,300	Hampton	Hampton County Composting	1,580
Berkeley	Berkeley County CF	11,110	Hampton	Town of Yemassee Shredding Facility	0
Charleston	Barr Construction Wood Grinding	8,965	Horry	C. Owens & Son, Inc. Composting	0
Charleston	Burning Acres Composting & Shredding	0	Horry	Coastal Reclamation Composting	*
Charleston	Charleston County CF	61,252	Horry	Dixie Recycling, LLC	117
Charleston	Ladson Wood Recycling	9,204	Horry	G&G Mining Company, LLC Composting	115
Charleston	Moberry LCD Wood Chipping	2,965	Horry	Horry County Composting	38,886
Charleston	Spring Grove Environmental North Charleston CF	0	Horry	P-Mining Composting	*
Charleston	Sunnyside Farms Composting	150	Horry	S&B Turf & Mulch Wood Chipping Facility	1,200
Cherokee	Cherokee County Composting	329	Horry	Sunway Environmental Inc.	*
Chester	City of Chester Composting	0	Horry	White & Son, Inc. Composting	*
Chester	Scott/Hypoxex Composting	45,000	Jasper	Cleland Ridgeland Wood Chipping Facility	3,704
Chester	Town of Great Falls	149	Jasper	Evergreen Tree & Turf Care Wood Chipping Facility	14,570
Dillon	Nobles Corporation Wood Chipping	0	Jasper	Oakwood C&DLF Wood Grinding	0
Dillon	Town of Latta Composting	*	Jasper	R&D Tree Wood Chipping Facility	*
Dorchester	Carolina Landfill	2,341	Kershaw	Kershaw County Yard Waste Composting	7,728
Dorchester	Coastal Mulch & Composting Wood Chipping Facility	Closed	Lancaster	Gupton Composting	0
Fairfield	Kaiser Enterprises, Inc. Wood Grinding	6,741	Lancaster	Lancaster County Yard Waste Composting	640
Florence	City of Florence Composting	6,807	Lancaster	Piedmont Composting	0
Florence	Rutland Wood Chipping Facility	0	Lancaster	Pressley Wood Chipping Facility	1,258
Georgetown	Frasier Composting	Inactive	Lancaster	Town of Heath Springs Composting	0
Georgetown	Georgetown County LF Composting	4,622	Laurens	Laurens County Composting	27
Georgetown	McKenzie Wood Chipping	993	Laurens	Riverside Stump Dump Wood Chipping	Closed
Georgetown	Miller Wood Processing Facility	225	Lee	Lee County Composting and Recycling	6,403
Greenville	Dillard Excavating Wood Chipping Center	53	Lexington	Carolina Materials Wood Waste Processing	5,747

*Did Not Report Continued on the following page

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Lexington	Eagle Recovery Wood Grinding	4,345	Saluda	SH Wood Waste Management	1,116
Lexington	Lexington County	4,244	Spartanburg	City of Spartanburg Hwy. 295 Composting	0
Lexington	S&T Grading & Excavating Wood Chipping Facility	Closed	Spartanburg	Henson's Mulch & More Wood Chipping Facility	3,781
Lexington	S&T Grading Wood Processing Facility	0	Spartanburg	Spartanburg Wood Recycling	*
Lexington	S&T Recycling Wood Processing Facility	3,150	Spartanburg	Starr Holdings	1,367
Marion	City of Marion Composting	765	Spartanburg	Wellford LF Composting	15,373
Marion	Marion County Wood Chipping and Composting Facility	0	Sumter	S.C.R. Composting	252
Marlboro	Marlboro County Composting	0	Sumter	Sumter County Wood Processing Facility	6,722
Marlboro	McDuffie & Son Composting	0	Williamsburg	Black River Composting	0
Newberry	Metts Wood Recycling	6,302	Williamsburg	Town of Hemingway Composting	108
Newberry	City of Newberry Composting and Shredding	398	York	Callahan Grading Wood Chipping Facility	*
Newberry	Newberry County Composting	2,856	York	City of Fort Mill Composting	2,826
Oconee	Seneca Mulching Facility	4,909	York	City of Rock Hill Composting (Friedheim Rd.)	0
Pickens	Brown's Landscaping Mulch Facility	Inactive	York	Deer Creek Composting	0
Pickens	City of Clemson Brush RC	8,314	York	River Hills Community Association Composting	3,942
Richland	City of Columbia Composting	6,921	York	Rogers Composting	13,000
Richland	Mitch Hook Wood Composting	240	York	York County Wood Chipping	5,412
Richland	Richland County	0			

*Did Not Report

TABLE 10.5: Permitted Waste Tire Facilities in FY11

COUNTY	FACILITY NAME	STORAGE LIMIT	TONS RECEIVED
WASTE TIRE COLLECTORS			
Charleston	Gerald's Tires WTC Facility	5,200 tires	—
Cherokee	Cherokee County Recycling WTC	1 trailer	—
Fairfield	Fairfield County	1,600 tires	—
Greenville	Enoree Phase II MSWLF WTC	8,000 tires	—
Greenville	Twin Chimneys WTC	3 trailers	—
Lexington	Safety Kleen	2,500 tires	—
Union	Union County	1,200 tires	—
WASTE TIRE DISPOSAL FACILITY			
Anderson	Anderson Tire WTD Facility	—	—
WASTE TIRE PROCESSORS			
Aiken	Three Rivers Tire Processing	150,000 whole tires	1,050
Anderson	Anderson Tire Recycling	500 tires	509
Berkeley	Rubber Recovery, Inc.	307 tons	0
Charleston	Tower Waste Tire Processing	5 trailers	Inactive
Clarendon	East Coast Industrial Services, Inc.	20,000 tons	Inactive
Dorchester	Lafarge WTC Facility	100 trailers	2,110
Edgefield	Ridge Recyclers WTP	—	36,106
Greenville	Rubber Recycling Technologies, LLC	60 tons	0
Marion	Venture Manufacturing Company WTP	800 tires	Inactive
Pickens	Pickens County Recycling Department	2,000 tires	Inactive
Sumter	Kiln Direct Waste Tire Processing Facility	400 tons	4,506

NOTE: For a list of registered waste tire haulers, please contact DHEC at 1-800-768-7348.

TABLE 10.6: Permitted Solid Waste Incinerators in FY11

COUNTY	FACILITY NAME	PROCESS/STORAGE LIMIT	TONS RECEIVED
Beaufort	Daufuskie Site Preparation, Inc.	3,611 CY	0
Beaufort	Ulmer Brothers, Inc.	500 tons	11,715
Jasper	Coastal Debris Company	1,000 tons	2,468
Jasper	Greenspace, Inc.	2,285 CY	*
Pickens	Pickens County	150 tons	4,918
Richland	Whitaker	2,407 CY	*

TABLE 10.7: Permitted Used Oil Facilities in FY11

COUNTY	FACILITY NAME	PERMITTED LIMIT	GALLONS/ TONS RECEIVED
USED OIL MARKETERS			
Charleston	Banks Construction Company	660,000 GPY	0
Dorchester	Universal Environmental Services, LLC	7,300,000 GPY	0
Orangeburg	Holcim	49,000 TPY	300 tons
Sumter	Giant Resource Recovery	—	0
York	Atlantic Oil Collection Services, Inc. (dba Atlantic Industrial Services)	—	*
USED OIL PROCESSORS			
Charleston	Banks Construction Company	600,000 GPY	0 gallons
Dorchester	Universal Environmental Services, LLC	7,300,000 GPY	2,431,647 gallons
Greenville	Holston Group, Inc.	150,000 TPY	0 Tons
Greenville	VLS Recovery Systems	8,320,000 GPY	1,608,420 gallons
Richland	Dilmar Fluid Services, Inc.	125,000 GPY	0 gallons
Spartanburg	Taylor Enterprises, Inc.	500,000 GPY	129,069 gallons
Sumter	Giant Resource Recovery	104,000 TPY	576 tons
Sumter	Kiln Direct Laboratory	4,000,000 GPY	0 gallons
York	Diversified Recycling, Inc.	2,000,000 GPY	357,880 gallons

TABLE 10.8: Other Permitted Solid Waste Facilities in FY11

COUNTY	FACILITY NAME	PERMITTED LIMIT
LAND APPLICATION		
Charleston	DiMare's	—
Charleston	Wood Not Waste	5 TPA
Darlington	International Paper	—
Georgetown	International Paper	10 TPA
Lancaster	Bowers Fibers	10 TPA
Laurens	Country Fresh	10 TPA
Laurens	Norbord Ash	10 TPA
Marlboro	Domtar Paper Company, LLC	10 TPA
Orangeburg	Council Energy	10 TPA
Richland	Mungo Homes	—
RESEARCH, DEVELOPMENT & DEMONSTRATION PROJECT		
Lexington	Refresh Services	224 CY
Williamsburg	ARC Technology Plasma Enhanced Melter Facility	14,924 TPY
SOIL TREATMENT		
Sumter	TK Tank Services	15,000 TPY

*Did Not Report



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