

20TH ANNIVERSARY EDITION

SOUTH CAROLINA
**Solid Waste
Management**
ANNUAL REPORT

FISCAL YEAR

20

12

Compiled by *DHEC's Division of Mining & Solid Waste Management*



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

A Message from the Director

This is the 20th edition of the "S.C. Solid Waste Management Annual Report." With two decades behind us, let's look at where we started, where we are, and – most importantly – where we can go together.

The S.C. Solid Waste Policy and Management Act of 1991* provides the framework for safe and cost-effective management of solid waste. Since the passage of the Act, South Carolina has developed a two-pronged solid waste management approach that:

- requires facilities that handle and dispose of waste to be properly designed and operated to protect human health and the environment; and
- promotes waste reduction, recycling and sustainable material management.

The state has made significant progress since the first S.C. Solid Waste Management Annual Report was published in 1993.

South Carolina's recycling community now includes 87 curbside recycling programs, 641 recycling drop-off centers and nearly 900 used motor oil collection centers. The state's four largest airports offer recycling to their 6 million annual visitors and each of South Carolina's 47 state parks and historic sites offers recycling to their 7 million annual visitors.

The growth in infrastructure, along with accompanying education and technical assistance, is reflected in the state's recycling numbers. In 1993, South Carolina recycled at a rate of 0.13 pounds per person per day (p/p/d). By 2012, that number increased to 1.4 p/p/d – that's an average of more than 525 pounds per person per year. In 1993, South Carolinians recycled 87,577 tons of material. In 2012,



Templeton

South Carolinians recycled more than 1.2 million tons of material. Since reporting began, we've recycled more than 38 million tons.

Municipal solid waste (MSW) disposal – our trash – dropped for the seventh consecutive year, from 4.5 p/p/d in 2005 to 3.4 p/p/d in 2012. Overall, our state's MSW recycling rate increased for the third straight year: 29.5 percent of our trash is diverted from landfills through recycling.

Waste management is expensive. The disposal of more than 2.9 million tons of trash cost more than \$111 million in tipping fees during 2012, and more than \$713 million since 2007.

Recycling more than 1.2 million tons of trash saved nearly \$47 million in avoided disposal costs during 2012, and more than \$263 million since 2007. Local governments also reported earning about \$13 million in revenue from the sale of recyclables in 2012 and more than \$59 million since 2007.

Recycling helps feed South Carolina's economy. The state's recycling industry – about 450 companies that provide about 20,000 jobs – experienced significant growth and investment in recent years.

These numbers reflect impressive accomplishments, but we still send more than 70 percent of South Carolina's trash to landfills, along with millions of dollars in lost economic opportunity.

We must do better.

We have a lofty goal: South Carolina should recycle 40 percent or more of its trash and reduce its disposal to 3.25 p/p/d or less by 2020.

In Section 3 of this report, we provide recommendations on ways to better manage our waste. The recommendations are many and varied, but they have an underlying theme: outdated

Recycling helps feed South Carolina's economy. The state's recycling industry has about 450 companies that provides about 20,000 jobs.

*S.C. Code of Laws §§ 44-96-10, et seq.

methods of managing waste are bad for business. We can't afford to squander natural resources, tax dollars and economic growth when we have better options.

If we are to convince more businesses and industries to reduce waste and recycle, we must lead by example in state government. We must continue to expand our recycling markets. We must work with businesses that want recycled material and businesses that manufacture recycled-content products.

We must connect those who generate waste with those who can repurpose it. We must teach businesses and consumers when their waste has value. We must increase participation in traditional

recyclables as well as recycle construction and demolition debris, compost organics and safely recover food waste. We must continue working with businesses on new processes and technologies that reduce waste in the first place.

We must work together. It will take all of us – consumers, businesses, schools, governments and other organizations – to reach our recycling goals. Please join us!

Catherine Templeton

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



Table of Contents

SECTION 1: Executive Summary	5
SECTION 2: Recycling's Economic Impact	9
Beyond the Economic Impact.....	10
SECTION 3: Recommendations for Improving Solid Waste Management	11
SECTION 4: MSW Recycling by Commodity	18
SECTION 5: Used Motor Oil Recycling	29
SECTION 6: Recycling Data for State Agencies & Colleges/Universities	31
State Agencies.....	32
Colleges/Universities.....	34
SECTION 7: Recycling Data – The State & Counties at a Glance	36
SECTION 8: Disposal Data	84
SECTION 9: Solid Waste Planning	99
Local Planning Responsibilities.....	99
State Planning Responsibilities.....	100
Demonstration of Need.....	100
SECTION 10: Permitted Solid Waste Facilities	112

Introduction

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

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws §§ 44-96-10 et seq. – supports this mission by establishing a comprehensive framework for state and local governments to follow for the proper management of solid waste. The Act, for example, requires DHEC to develop a state solid waste management plan (State Plan) and for county governments or regions to develop solid waste management plans that are consistent with the State Plan. The Act authorizes DHEC to establish solid waste regulations.

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

This report includes:

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

This report – which reflects solid waste management activities in FY 2012 (July 1, 2011 to June 30, 2012) – 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 1 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 kept out of landfills by recycling. MSW, conversely, is limited 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 solid waste managed annually to DHEC.

The state's goals are to: recycle 40 percent or more of its MSW; and reduce the average disposal to 3.25 pounds per person per day or less by 2020.

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.

South Carolina set new MSW waste reduction and recycling goals in the FY11 report. The state's goals are to:

- recycle 40 percent or more of its MSW; and
- reduce the average per capita disposal to 3.25 pounds per person per day or less by 2020.

This report also updates the State Plan by providing the latest data.

The "South Carolina Solid Waste Management Annual Report for FY12" was published on March 15, 2013.

When Using this Report ...

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

Some totals do not add up due to rounding of numbers.

About this Report ...

The "South Carolina Solid Waste Management Annual Report for Fiscal Year 2012" is submitted by the S.C. Department of Health and Environmental Control (DHEC) in compliance with the S.C. Solid Waste Policy and Management Act of 1991 (S.C. Code of Laws § 44-96-60). Additionally, Act 119 of 2005 mandates that agencies provide all reports to the General Assembly in an electronic format.

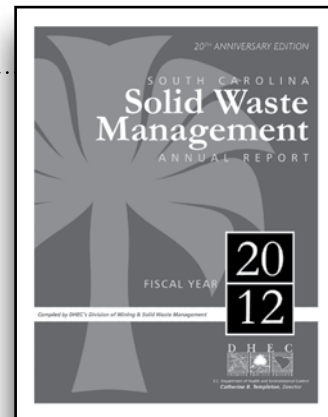
This report was published on March 15, 2013 by DHEC's Division of Mining and Solid Waste Management.

DIVISION DIRECTOR
Kent M. Coleman, P.G.

AUTHORS
Richard Chesley, Eric Melaro, Elizabeth Rosinski, Jana White and Leslie Yasinsac

LAYOUT/GRAPHIC DESIGN
Gregg Glymph

**CONTRIBUTORS/
ACKNOWLEDGEMENTS**
Karla Isaac, Justin Koon, Joan Litton, Stefanie Vandiver and Stacey Washington



Executive Summary

This report provides a comprehensive overview of the amount of solid waste generated, disposed of and recycled in South Carolina for fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012) as required by the S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-60.

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

The amount of MSW generated (disposed of plus recycled) was 4,164,976 tons. Of that amount:

- 1,229,100 tons (29.5 percent) were recycled; and
- 2,935,876 tons (70.5 percent) were disposed of in MSW landfills (including MSW generated in South Carolina, but disposed of out of state).

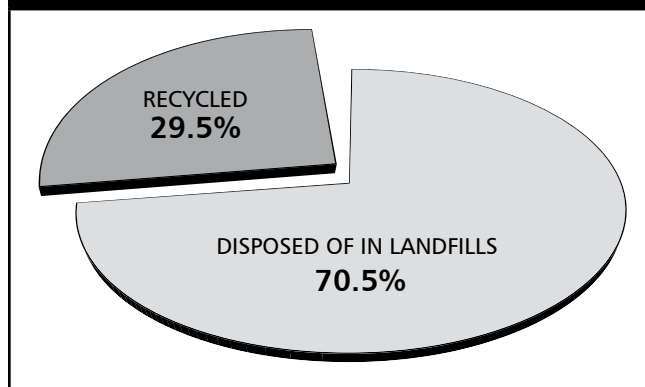
South Carolina's MSW recycling rate increased for the third straight year in FY12.

Here are additional data indicators from FY12.

- The amount of MSW recycled increased 56,332 tons (about 5 percent) in FY12.
- The state's MSW recycling rate improved for the third straight year from 22.1 percent in FY09 to 29.5 percent in FY12.

- The per capita MSW recycling rate increased slightly. On average, each South Carolinian recycled 1.44 pounds per person per day (p/p/d) in FY12 – up from 1.39 p/p/d in FY11.
- On average, each South Carolinian recycled more than 525 pounds of MSW in FY12.
- Electronics recycling jumped from 5,726 tons in FY11 to 9,258 tons in FY12 – about a 62 percent increase.
- Local governments reported earning more than \$13 million from the sale of recyclables in FY12 and more than \$59 million since FY07.
- The amount of MSW disposed of in FY12 fell nearly 130,000 tons (more than 4 percent) from the previous FY's total of 3,065,806 tons.
- MSW per capita disposal fell for the seventh consecutive year from 4.5 p/p/d in FY05 to 3.4 p/p/d in FY12.

CHART 1.1: MSW Management in South Carolina



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

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 an 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 and industrial (office/packaging) 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

South Carolina’s MSW disposal rate fell for the seventh consecutive year.

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.

Material that South Carolina has added to the state’s measured recycling rate include: tire-derived fuel; yard trimmings used as boiler fuel; and used motor oil (from do-it-yourselfers only).

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

CHART 1.2: South Carolina’s MSW Recycling Rate, FY08 to FY12

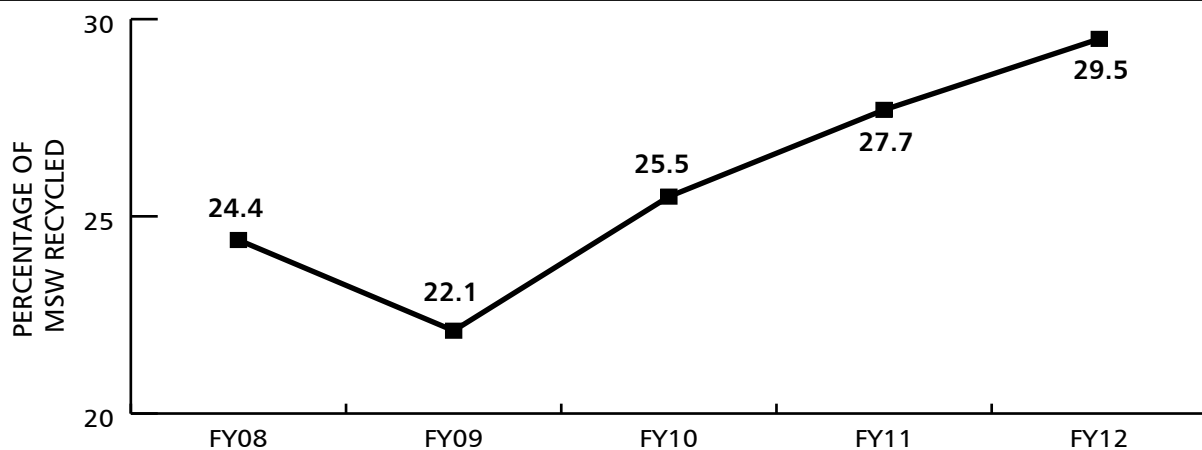
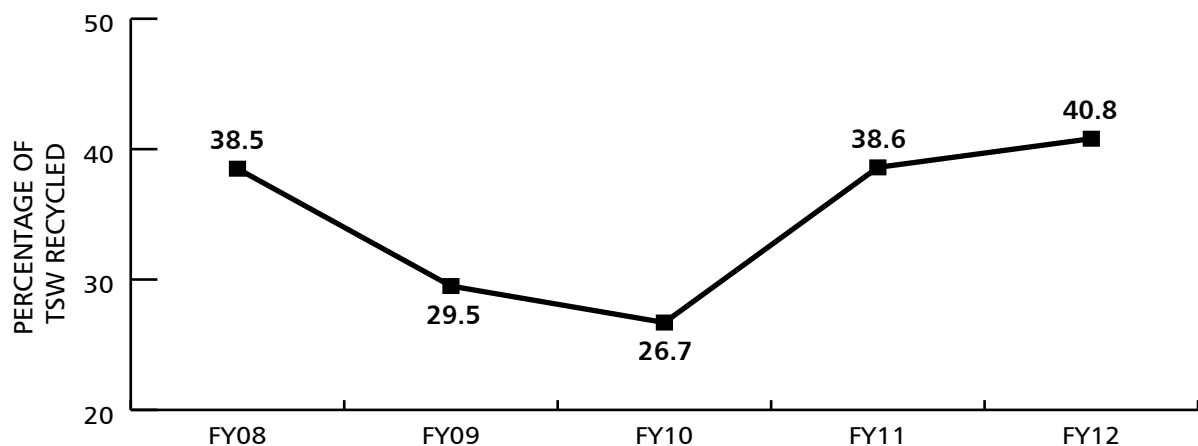


CHART 1.3 South Carolina’s TSW Recycling Rate, FY08 to FY12



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?

TSW includes MSW as well as C&D debris, process waste and any other material that is recycled instead of disposed of in a landfill. TSW provides a more comprehensive picture of all the material disposed of and recycled in the state.

The TSW recycling rate improved to nearly 41 percent in FY12.

The amount of TSW recycled increased about 8 percent from 4.9 million tons in FY11 to more than 5.3 million tons in FY12.

Of the 5.3 million tons recycled, the majority (72 percent) 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. Of the TSW recycled, about 10,000 tons of sewage sludge was land applied.

More than 5.3 million tons of TSW was recycled in FY12.

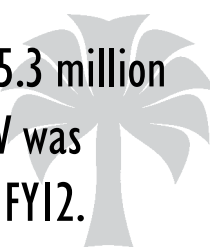


CHART 1.4: MSW Disposed of Per Person Per Day, FY08 to FY12

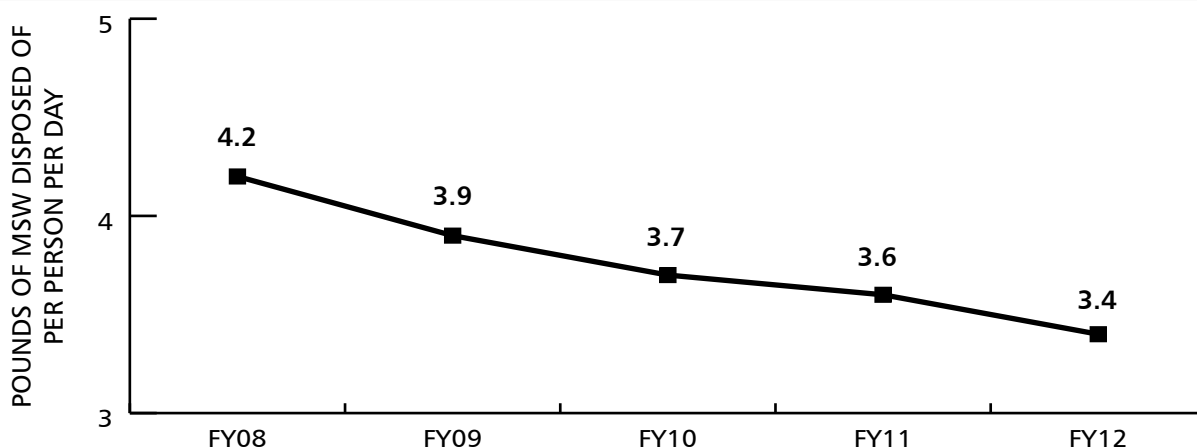


CHART 1.5: TSW Disposed of Per Person Per Day, FY08 to FY12

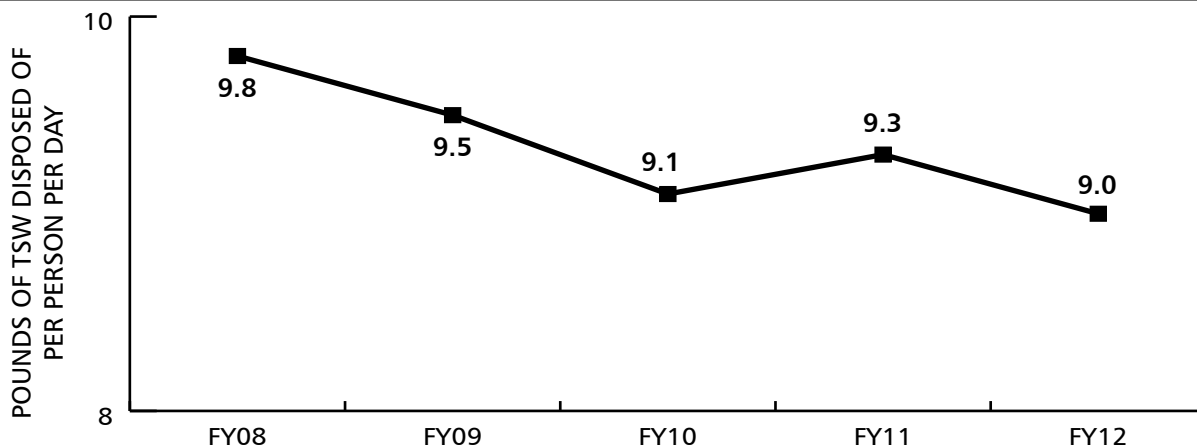


TABLE 1.6: Sources of MSW

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

TABLE 1.7: S.C. Recycling Data by Fiscal Year (FY)

	FY08	FY09	FY10	FY11	FY12 ¹
Total Solid Waste (TSW) Recycled in Tons	4,961,704	3,239,918	2,781,003	4,913,823	5,314,842
TSW Recycling Rate by Percent	38.5	29.5	26.7	38.6	40.8
TSW Recycled in Pounds Per Person Per Day (p/p/d)	6.1	3.9	3.4	5.8	6.2
Municipal Solid Waste (MSW) Recycled in Tons	1,084,926	912,961	1,063,521	1,172,768	1,229,100
MSW Recycling Rate by Percent	24.4	22.1	25.5	27.7	29.5
MSW Recycled in p/p/d	1.3	1.1	1.3	1.4	1.4

TABLE 1.8: S.C. Waste Disposed of by FY

	FY08	FY09	FY10	FY11	FY12
TSW Disposed of in Tons	7,938,036 ²	7,789,143 ²	7,602,701 ²	7,824,312	7,696,559
TSW Disposed of in p/p/d	9.8	9.5	9.1	9.3	9.0
MSW Disposed of in Tons	3,367,422	3,226,412	3,113,365	3,065,806	2,935,876
MSW Disposed of in p/p/d	4.2	3.9	3.7	3.6	3.4

TABLE 1.9: S.C. Waste Generated by FY

	FY08	FY09	FY10	FY11	FY12
TSW Generated in Tons	12,899,740 ²	10,983,364 ²	10,383,703 ²	12,738,135	13,011,401
TSW Generated in p/p/d	16.0	13.4	12.5	15.1	15.2
MSW Generated in Tons	4,452,348	4,139,373	4,176,886	4,238,574	4,164,976
MSW Generated in p/p/d	5.5	5.0	5.0	5.0	4.9

TABLE 1.10: S.C. Population

	2008	2009	2010	2011	2012 ³
Population	4,428,393	4,494,435	4,576,446	4,625,364	4,679,230

NOTES

1. FY12 represents July 1, 2011 to June 30, 2012.
2. This number does not include the ash disposed of at Charleston County's Bees Ferry Landfill.
3. The population data used in this report reflects the most recent estimate available from the U.S. Census Bureau.

Recycling's Economic Impact

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

Recycling continued to attract investments, create jobs and grow in 2012 according to the S.C. Recycling Market Development Program. Last year, 19 new or existing companies made \$463 million in capital investments and created about 770 jobs. These investments are nearly a 40 percent increase from the previous year. Since 2006, the state's recycling industry has announced nearly \$4.5 billion in investments and the creation of more than 6,900 jobs. In addition, the industry provides considerable indirect benefits by purchasing goods and services that support other businesses.

Overall, the state's recycling industry is comprised of about 450 companies that provide about 20,000 jobs. The industry is a diverse network of public

sector entities and private companies. It is made up of haulers, collectors, processors, brokers, recycling equipment distributors and manufacturers as well as end users that take recycled material and make recycled-content products.

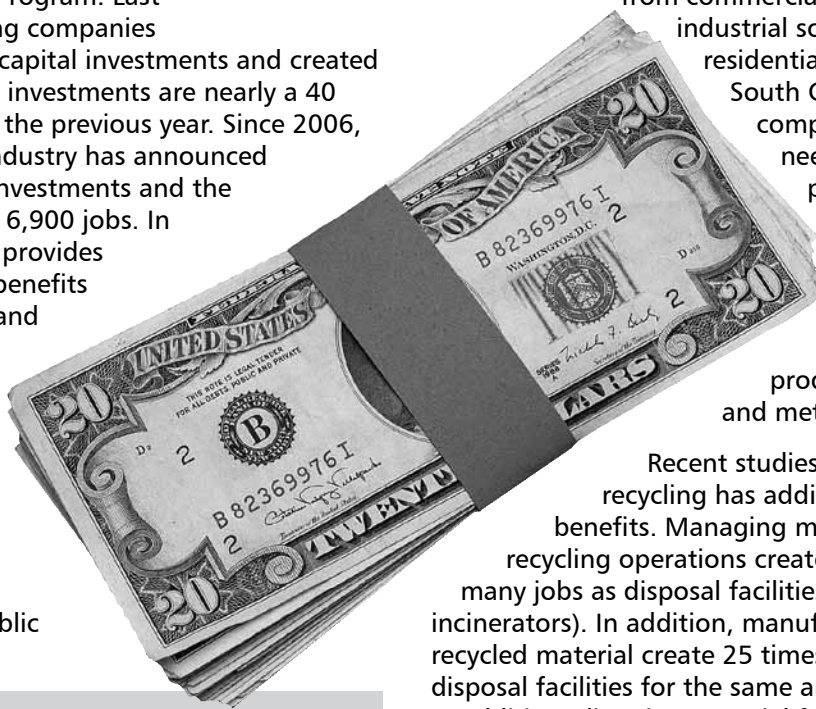
Recycling programs in South Carolina produce secondary raw material that can be used in place of virgin material. Manufacturers of recycled-content products rely on a steady stream of recycled material from commercial/institutional and industrial sources as well as residential recycling programs.

South Carolina's recycling companies meet this need by recycling plastic, paper, textiles, glass, rubber, carpet, construction and demolition debris, petroleum and chemical products, mattresses and metals.

Recent studies have shown that recycling has additional economic benefits. Managing material through recycling operations creates 10 times as many jobs as disposal facilities (e.g., landfills, incinerators). In addition, manufacturers who use recycled material create 25 times more jobs than disposal facilities for the same amount of material. In addition, diverting material from disposal through recycling and composting can save significant disposal costs.

Consider, the disposal of 2,935,876 tons of municipal solid waste (MSW) in fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012) cost more than \$111 million. This amount is calculated by multiplying the tons of MSW disposed of by the average Class 3 landfill tipping fee of \$38 per ton, but does not reflect other costs associated with disposal (e.g., collection, staff, trucks, equipment). Since FY07, local governments

Recycling stimulates economic development, creates jobs and generates income for businesses and local governments from the sale of recyclables.



S.C. Recycling Market Development Program

The Recycling Market Development Program assists businesses with information on recycling and recovered materials markets, provides access to business development resources and promotes the recycling industry's economic impact and growth. The program is housed at the S.C. Department of Commerce.

and businesses have spent more than \$713 million in tipping fees to dispose of material.

Conversely, the recycling of 1,229,100 tons of MSW in FY12 saved nearly \$47 million in avoided disposal costs. Since FY07, more than \$263 million has been saved in avoided disposal costs. This amount was calculated using annual average tipping fees and MSW recycling rates.

Local governments reported earning about \$13 million from the sale of recyclables in FY12 and more than \$59 million since FY07. It is important to note that this figure may be higher due to the fact that not all local governments reported their revenue.

Recycling and composting have collection and processing costs. But the combination of avoided

disposal costs and potential revenue from the sale of recyclables and composted material can make recycling a cost-effective solid waste management strategy.

In recognition of the impact recycling can have on South Carolina's economy, there are tax incentives offered to recycling businesses to encourage growth and development. S.C. Code of Laws § 12-6-3460 offers anyone building or operating a qualified recycling facility a 30 percent credit each year for an investment in recycling property. The credit may be used to reduce certain taxes such as corporate income taxes or sales and use taxes.

In addition, S.C. Code of Laws § 12-36-2120(50), provides an exemption from sales taxes on certain recycling equipment and materials used by qualified recycling facilities.

BEYOND THE ECONOMIC IMPACT

Environmental equivalencies provide a different look at recycling's benefits.

Recycling and composting programs provide more environmental benefits than those commonly known (e.g., conserve natural resources, save energy, reduce the need to build landfills).

These benefits can be measured by using the U.S. Environmental Protection Agency's Waste Reduction Model (WARM). This tool helps solid waste planners and organizations calculate the benefits of alternative solid waste management decisions and the impact of recycling and composting as compared to landfill disposal.

Using WARM and an environmental equivalency calculator, greenhouse gas (GHG) savings can be presented in a manner that is easy to understand.



Examples of the GHG savings achieved statewide through recycling and composting reported for FY12 are the equivalent of:

- eliminating emissions from 604,300 passenger cars for one year; or
- conserving 325,183,632 gallons of gasoline; or
- conserving 12,463 railcars of coal; or
- eliminating emissions from the electricity use of 434,227 homes for one year; or
- eliminating emissions from the use of 6,745,670 barrels of oil.

GHG savings since FY08 are the equivalent of:

- eliminating emissions from 3,175,117 passenger cars for one year; or
- conserving 1,708,583,184 gallons of gasoline; or
- conserving 65,483 railcars of coal; or
- eliminating emissions from the electricity use of 2,281,521 homes for one year; or
- eliminating emissions from the use of 35,443,167 barrels of oil.

Recommendations for Improving Solid Waste Management

South Carolina has made significant progress in solid waste management in the past 20-plus years. The state has developed a solid waste management system that: 1) requires facilities that handle solid waste to be properly designed and operated to protect human health and the environment; and 2) promotes waste reduction and recycling.

Recycling has been an integral part of that progress. (See “A Message from the Director” on page 1.) The state’s municipal solid waste (MSW) recycling rate increased for the third straight year to 29.5 percent in fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012). The fact remains, however, that 70.5 percent of the MSW generated in the state was disposed of in landfills.

In short, South Carolina continues to dispose of material that has significant value and could be recycled. The disposal of this material is a lost economic opportunity – not only the cost to throw it away, but the potential revenue from the sale of the material. If recovered, this material would grow and sustain recycling markets and create jobs.

Beyond an economic opportunity, recycling offers an environmental opportunity. The recycling of this

material has many significant environmental benefits including conserving natural resources, saving energy, reducing greenhouse gas emissions, preventing pollution and reducing the need to build landfills.

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

As a foundation for a successful solid waste management program, the state should continue and improve efforts to:

- reduce the amount of waste it generates and disposes of;
- recycle more material;
- promote the best use of recycled material; and
- buy more products made from recycled-content material.

The recommendations that follow are specific strategies to help South Carolina build on that foundation.

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 cost-effective, efficient and environmentally responsible solid waste management. These efforts also will help to achieve the state’s recycling and per capita disposal goals.

DHEC recommends the following strategies.

- Revise the S.C. Solid Waste Management Plan. The plan should include an updated characterization (i.e., type and amount of waste generated) as well as new commodities,

technologies, terminologies, strategies and practices.

- Evaluate current strategies to measure progress in regards to recycling and disposal reduction. Encourage improved reporting through the S.C. Smart Business Recycling Program and Green Hospitality Program. Also encourage local governments to gather data from business that recycle. Consider new ways to measure and account for that progress (e.g., diversion rates, beneficial reuse).
- Evaluate the process local governments use to measure the true cost of solid waste services and develop options (e.g., new methodology, training) that would result in more consistent and meaningful data collection.

Recover more organics.

Food scraps, yard trimmings and wood comprise about one third of the nation's MSW stream. Applying that percentage to South Carolina's MSW stream, the state generated an estimated 1.4 million tons of these organics in FY12. Of that amount,
275,464 tons
(or 20 percent) were recovered.

It is clear that any significant increase to South Carolina's MSW 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 is revising the compost regulations (R.61-107.4). The Notice of Drafting was issued on November 23, 2012. 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.

- 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.



Maximize food recovery opportunities.

Food scraps comprised about 35 million tons of the nation's municipal solid waste generation in 2010, according to the U.S. Environmental Protection Agency (EPA). Of that amount, 97 percent (about 34 million tons) was thrown away. This, despite the fact that in 2009 more than 14 percent of the nation's households were food insecure (did not know the source of their next

meal). Much of this waste is not waste at all, but safe food that potentially could feed millions of Americans.

In addition to the social impact, there are several economic and environmental benefits. Businesses participating in food recovery programs should have lower disposal costs. Once recognizing and confirming the type and amount of food that is recovered, businesses can reduce or eliminate unnecessary purchases. Businesses that donate food also may be able to claim tax benefits.

Excess food, leftovers and scraps that are not fit for donation and consumption can be composted into a nutrient-rich soil amendment. Donation and composting combined would result in a significant drop in the amount of material being disposed of in landfills. Finally, recovering food scraps also prevents the waste of resources used to grow, manufacture and transport food.

South Carolina should do its part to minimize food waste. DHEC recommends the following strategies to improve the recovery of excess food.

- Food recovery should be encouraged, promoted and supported at the state and local government level to all stakeholders (e.g., restaurants, grocery stores, food banks and other appropriate non-profit organizations, colleges/universities, schools, military installations, hospitals, prisons, stadiums and other athletic venues).
- Clearly defined policies and best management practices should be developed that help stakeholders who want to participate in food recovery programs to provide safe food for those in need.

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 2.6 million tons are estimated to be C&D debris. Of that amount, 366,016 tons of the material were recovered, resulting in an estimated 14 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. The following are strategies to increase the recovery of C&D debris.

- Develop a Web-based C&D debris clearinghouse that includes markets, tools, guidance documents and links that support the recovery, use and availability of material for stakeholders (e.g., recyclers, contractors, local governments, associations). Encourage the use of the S.C. Materials Exchange, the Green Resource Index, the S.C. Green Building Directory and the S.C. Department of Commerce's Recycling Directory.
- Develop a statewide campaign to provide information to contractors about the economic and environmental benefits of recycling C&D debris. As part of this strategy, develop 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 improve the marketability of C&D debris.
- Develop guidance documents and best management practices to promote and assist C&D debris recyclers to operate within the established regulatory framework.
- Encourage waste haulers to increase diversion of C&D debris.
- Support and encourage C&D debris market development with stakeholders including the S.C. Recycling Market Development Program.

Prevent illegal waste tire dumping.

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

South Carolinians recycled more than 45,000 tons of tires in FY12.

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. Over the past year, the state has continued to see 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.

In the past year, DHEC has developed new strategies to prevent illegal tire dumping. These strategies will continue to be implemented in an effort to better help 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.

DHEC has begun and should complete implementation of two process revisions:

1. an improved waste tire hauler registration process; and
2. a tire manifest to document legal transport and delivery of waste tires.

In addition, DHEC should continue efforts to prevent illegal tire dumping with the following activities.

- Provide guidance to counties and regions to promote the development of comprehensive waste tire management plans for inclusion in their Solid Waste Management Plan updates.
- 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.
- 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.



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.

Overall, the state's recycling industry is comprised of about 450 companies that provide about 20,000 jobs.



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, material recyclers, recycling vendors, haulers, processors, end users and remanufacturers.
- Evaluate ways to promote and coordinate existing databases (e.g., the Green Resource 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.

Consider pay-as-you-throw programs.

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

Pay-as-you-throw (PAYT) programs break that tradition by treating waste collection just like electricity, gas and other utilities – residents are charged for the collection of solid waste based on the amount of waste they throw away. This creates a direct economic incentive to recycle more and throw away less.

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

Setting up a PAYT program is not without its difficulties and will require careful consideration and planning as well as time and commitment. But just accepting the traditional methods of managing waste can no longer be afforded.

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

Expand and improve education, outreach and technical assistance.

From elementary school students to local government decision makers, education and outreach are key strategies to help South Carolinians better understand the significant benefits that waste reduction and recycling have on the state'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/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.

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 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.

Local governments must improve solid waste programs.

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

It is a service that represents a significant cost to a community. It also is a service that

Recycling can have a considerable impact on the local and state economy.



is often underappreciated in what it does to protect human health and the environment. Part of that service – recycling – also can have a considerable impact on the economy. In short, it is critical that local governments continually evaluate and look for ways to improve their solid waste management programs.

DHEC recommends that local governments review their programs and consider the following strategies.

- Maintain an up-to-date solid waste plan that minimizes the amount of material that is disposed of in landfills.
- Maximize revenue from the sale of all recyclables.
- Identify opportunities to promote the environmental and economic benefits of recycling to community decision makers (e.g., council members, mayors) in an effort to make solid waste management programs a higher priority when making budget and staff decisions.
- Encourage more businesses, organizations and others to reduce waste, recycle and report their recycling activities.
- Add and/or support composting programs for all audiences (e.g., residents, schools and businesses). See recommendation "Recover more organics" on page 12.
- Encourage food scrap recovery where appropriate. See recommendation "Maximize food recovery opportunities" on page 12.

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

State government should lead by example with waste reduction and recycling programs that provide material for South Carolina's recycling markets. Recycling, however, will not work unless products made from recycled material are purchased. State (as well as local and federal) government also has the unique opportunity to use its purchasing power to buy recycled-content products and influence the marketplace.

The Act – S.C. Code of Laws § 44-96-140 – requires the General Assembly, Governor's Office and Judiciary as well as state agencies and state-supported colleges/universities to have waste reduction and recycling programs and report those recycling activities annually to DHEC.

The Act also outlines specific objectives for state government and state-supported colleges/universities on buying recycled-content products. Those objectives include a buy-recycled goal (25 percent of purchases should be recycled-content products) as well as tracking and reporting those purchases to DHEC. In addition to the Act, South

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

DHEC recommends the following strategies for state agencies and state-supported colleges/universities.

- Renew and improve the commitment to waste reduction, recycling, composting and buying recycled by reviewing and developing internal policies and guidelines.
- Implement innovative materials management strategies that reduce waste and maximize the amount of material that can be recycled or composted.
- Implement the 7.5 percent price preference to encourage the purchase of recycled-content products outlined in the Act.
- Develop a system to track and report recycled-content purchases.
- Implement the state's EPPP and understand what recycled-content products are available including those on state contract.

MSW Recycling by Commodity

The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-60 – requires the S.C. Department of Health and Environmental Control (DHEC) to report detailed information on the amount of material recycled by commodity and county.

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

Glass, metal, paper and plastic are considered traditional commodities and serve as the foundation of local government recycling programs. Banned items represent six specific items – appliances, electronics scrap, lead-acid batteries (e.g., car, truck, boat), used motor oil, whole tires and yard trimmings. Appliances, lead-acid batteries, used motor oil and whole waste tires are prohibited by law from disposal in any landfill.

A Note About Commingled Collection

There is a nationwide movement towards the use of commingled collection programs (one cart or container for all recyclables). One aspect of this movement is replacing traditional curbside recycling bins with larger, wheeled containers and placing containers at recycling drop-off centers for the collection of commingled recyclables. South Carolina is no exception to this movement – there is at least one single-stream program in 23 of the state's 46 counties.

There are several reasons for the growth of single-stream collection. This type of program is easy to understand and popular with the public and, as a result, leads to increased participation. Single-stream collection also allows for more material types and larger volumes of material to be recycled. This, in turn, may lead to increased revenue from the sale of the material. Overall, local government programs often see increased collection efficiency and lower collection costs.

The largest drawback to commingled collection is an increase in contamination of the collected material that is sent to processors and end markets. The contamination – unwanted material – reduces the market value of the material or may result in the collected material being disposed of instead of recycled.

At the very least, this contamination results in a lower quality of material being sent to processors,



that, in turn, must remove the contaminants and pay for their disposal. This results in lower prices being paid to local governments and others for the material.

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

In FY12, 81,810 tons of commingled material was recycled. This accounts for 6.7 percent of all MSW that was recycled and is a 72 percent increase from the 47,432 tons of commingled material that was recycled in FY11. Given this, it is important to note that when looking at statewide or county-by-county numbers and/or trends of individual commodities, the amount of material reported for each individual commodity does not include commingled material.

At the beginning of fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012), S.C. residents could no longer dispose of desktop, laptop, notebook and tablet computers as well as computer monitors, printers and televisions in any landfill.

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

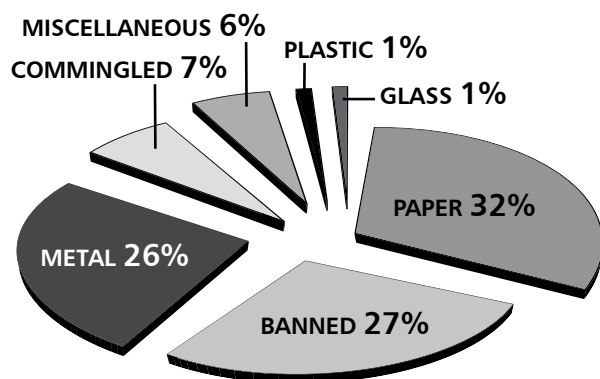
Miscellaneous recyclables are numerous and varied (e.g., fluorescent bulbs, food scraps, mattresses). Levels of collection differ in local government programs throughout South Carolina.

Commingled recyclables consist of a variety of recyclables collected together and not reported by individual material type. (See page 18 for more information.)

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

Overall, the amount of MSW collected for recycling grew 5 percent (56,332 tons) to 1,229,100 tons in FY12. Paper was the top commodity recycled, comprising 32 percent of all of the MSW recycled in South Carolina. See Chart 4.1 for a complete breakdown by commodity.

CHART 4.1: MSW Commodities Recycled as a Percentage of All MSW Recycled in FY12*



*COMMODITIES MEASURED BY WEIGHT

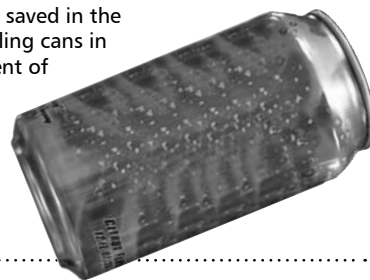
NOTES: The information provided about each commodity comes from multiple sources and is the most recent available. Sources include the U.S. Environmental Protection Agency, the Institute of Scrap Recycling Industries, Inc. and local governments.

Commodity: GLASS

- The amount of glass recycled decreased from 12,801 tons in FY11 to 10,647 tons in FY12, a drop of 2,154 tons or nearly 17 percent.
- Nearly 72 percent of the glass recovered is from residential programs while slightly more than 26 percent is from the commercial sector.
- Greenville and Horry counties accounted for more than 46 percent of the glass recycled in the state.
- Glass remains a somewhat difficult commodity to recycle primarily due to its low market value, 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 \$21 per ton followed by brown (\$16 per ton) and green (\$10.50 per ton) in FY12. The average revenue earned for mixed glass was \$15 per ton in FY12.
- Glass bottles and jars are 100 percent recyclable and can be recycled endlessly without any loss in purity or quality.
- 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.

Commodity: METAL

- The amount of metal recycled increased from 315,078 tons in FY11 to 323,821 tons in FY12 – an improvement of nearly 3 percent. This is the third consecutive year that the amount of metal recycled increased.
- The amount of ferrous (containing iron) metal recycled increased about 4 percent from 254,325 tons in FY11 to 263,273 in FY12. In addition, the amount of non-ferrous metal recycled increased 90 percent from 8,957 tons in FY11 to 17,035 tons in FY12.
- Overall, more than 86 percent of the metal recovered is from the commercial recycling sector.
- The average revenue per ton reported by local governments was \$1,261 for aluminum, \$247 for scrap metal, \$232 for steel and \$214 for mixed metal in FY12.
- 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.



Commodity: PAPER

- The total amount of paper recycled decreased about 10 percent – from 440,363 tons in FY11 to about 395,775 tons in FY12.
- Cardboard continued to be the top category comprising 282,271 tons (71 percent) of all paper collected.
- The amount of magazines and office paper recycled increased from the previous FY. Each of the other categories fell with mixed paper dropping the most from 96,226 tons in FY11 to 63,364 tons in FY12.
- About two-thirds of all paper recovered is from the commercial/institutional sector.
- The average revenue reported by local governments for cardboard was \$105 per ton, office paper was \$139 per ton, mixed paper was \$97 per ton and newspaper was \$80 per ton in FY12.
- Recycling one ton of paper saves enough energy to power the average American home for six months.

Commodity: PLASTIC

- The types of plastic recycled in FY12 include high-density polyethylene (HDPE), low-density polyethylene (LDPE), polyethylene terephthalate (PET), polypropylene (PP) and polystyrene (PS). See Table 4.5 for a breakdown by type.
- The amount of plastic recycled increased about 3 percent, from 17,673 tons in FY11 to 18,212 tons in FY12.
- In South Carolina, the amount of PET recycled climbed from 1,240 tons in FY11 to 1,917 tons in FY12 – an increase of about 55 percent.
- 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.
- The average revenue per ton reported by local governments was \$420 for PET, \$220 for commingled PET and HDPE, \$260 for HDPE and \$140 for mixed plastic in FY12.
- The primary market for recycled PET bottles is fiber for carpet and textiles. The primary market for HDPE bottles is bottles.
- Plastic bottle caps can be recycled as well. Generally, caps are made out of HDPE or PP – both of which have high market demand.
- Using recycled plastic instead of raw material saves 80-90 percent of the energy to make new products.

NOTES: It is important to note that zeros do not mean a specific material was not 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, data may not be available for a particular sector [i.e., residential, commercial/institutional, industrial (office/packaging)] because material is combined among sectors during collection. In addition, a zero could signify that a specific material (e.g., glass) may have been collected, but not sent to a recycler during the FY.

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

Commodity: BANNED ITEMS

- Banned items include appliances (e.g., refrigerators, stoves, air conditioners, water heaters, washers, dryers), electronics scrap, lead-acid batteries, used motor oil, whole tires and yard trimmings. 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 (DIY) oil changers is in Section 5.
- There are advanced recycling fees on all banned items except yard trimmings and electronics. 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 (e.g., compliance, enforcement, technical assistance, education, planning, reporting) as well as grant programs to local governments, colleges/universities and schools.
- The overall amount of banned items recycled increased from 294,895 tons in FY11 to 328,791 tons in FY12, an increase of 33,896 tons (more than 11 percent).
- The amount of appliances, DIY used motor oil and lead-acid batteries recycled dropped while electronics scrap, tires and yard trimmings increased. Yard trimmings improved the most – from 222,691 tons in FY11 to 245,136 tons in FY12 – a 10 percent increase.

Commodity: MISCELLANEOUS ITEMS

- Miscellaneous items are materials that are not part of any other commodity category. These items vary widely and include antifreeze, cooking oil, fluorescent bulbs, food scraps, rechargeable batteries and mattresses. One item – hazardous material – is highlighted on page 27.
- The amount of miscellaneous items recycled increased from 44,525 tons in FY11 to 70,045 tons in FY12 – an increase of more than 57 percent.
- Nearly 96 percent of the miscellaneous items recovered were from commercial/institutional and industrial (office/packaging) sources.
- Cooking oil, fluorescent bulbs, inkjet and toner cartridges, mattresses, rechargeable batteries, textiles, wood packaging and other items all increased from FY11 to FY12. Antifreeze, food scraps, hazardous material, paint and used oil filters all decreased.

Commodity: COMMINGLED RECYCLABLES

- The amount of commingled recyclables recovered increased from 47,432 tons in FY11 to 81,810 tons in FY12 – an increase of 72 percent. Most of this increase is attributed to residential recycling.
- Commingled recyclables account for nearly 7 percent of the MSW recycled in FY12.
- On average, each South Carolinian recycled about 35 pounds of commingled recyclables in FY12.
- Charleston and Richland counties recycled 42,600 tons of commingled recyclables, accounting for 52 percent of the total collected.
- The average revenue reported by local governments for commingled recyclables was \$24 per ton in FY12.

TABLE 4.2: Glass Recycling by County in Tons

COUNTY	BROWN	CLEAR	GREEN	MIXED	TOTAL
Abbeville	0.00	0.00	0.00	0.00	0.00
Aiken	0.00	0.00	0.00	0.00	0.00
Allendale	0.32	0.00	0.33	1.55	2.20
Anderson	0.00	0.08	0.60	313.46	314.14
Bamberg	0.00	0.00	0.00	0.00	0.00
Barnwell	0.00	0.00	0.00	30.00	30.00
Beaufort	199.26	498.16	298.90	3.58	999.90
Berkeley	0.00	0.00	0.00	2.00	2.00
Calhoun	0.00	0.00	0.00	0.00	0.00
Charleston	0.00	0.00	0.00	15.45	15.45
Cherokee	17.70	27.00	12.00	0.00	56.70
Chester	0.00	0.00	0.00	63.02	63.02
Chesterfield	0.00	0.00	0.00	0.00	0.00
Clarendon	0.00	0.00	0.00	52.44	52.44
Colleton	0.00	0.78	0.00	0.00	0.78
Darlington	0.00	0.00	0.00	0.00	0.00
Dillon	0.00	0.00	0.00	0.00	0.00
Dorchester	1.00	1.00	1.00	0.10	3.10
Edgefield	0.00	0.00	0.00	0.00	0.00
Fairfield	0.00	0.00	0.00	11.03	11.03
Florence	0.00	0.00	0.00	0.00	0.00
Georgetown	43.95	51.83	43.28	0.00	139.06
Greenville	1,124.00	0.00	0.00	1,891.40	3,015.40
Greenwood	20.71	0.00	0.00	0.00	20.71
Hampton	71.25	0.00	0.00	0.00	71.25
Horry	0.00	0.41	0.35	1,893.23	1,893.99
Jasper	0.00	0.00	0.00	42.23	42.23
Kershaw	0.00	0.00	0.00	189.38	189.38
Lancaster	56.24	55.19	0.00	0.00	111.43
Laurens	15.72	20.89	0.00	0.50	37.11
Lee	0.00	0.00	0.00	0.00	0.00
Lexington	143.99	179.48	122.92	27.17	473.56
Marion	0.00	0.00	0.00	0.00	0.00
Marlboro	0.00	0.00	0.00	0.00	0.00
McCormick	0.00	0.00	0.00	0.00	0.00
Newberry	0.00	12.36	0.00	0.00	12.36
Oconee	95.74	94.97	170.71	0.00	361.42
Orangeburg	6.38	0.00	6.08	12.73	25.19
Pickens	156.80	249.35	103.69	25.36	535.20
Richland	98.78	215.32	322.52	185.46	822.08
Saluda	0.00	0.00	0.00	0.00	0.00
Spartanburg	0.00	0.00	0.00	0.97	0.97
Sumter	0.00	21.46	0.00	320.37	341.83
Union	0.00	27.02	0.00	8.69	35.71
Williamsburg	0.00	0.00	0.00	0.00	0.00
York	281.35	542.78	142.81	0.01	966.95
STATE TOTAL	2,333.19	1,998.08	1,225.19	5,090.13	10,646.59

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

On average,

4.6

pounds of glass were recycled per person in South Carolina during FY12.

Glass bottles and jars are

100%

recyclable and can be recycled endlessly.

More than

10.6

thousand tons of glass were recycled in the state during FY12.

S.C. local governments reported earning about

\$12,000

from glass in FY12.

Nearly

72%

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



On average,
more than

138

pounds of metal
were recycled
per person in
South Carolina
during FY12.

Metal made up

26%

of all MSW
recycled in the
state during
FY12.

About

324

thousand tons
of metal were
recycled in the
state during
FY12.

S.C. local
governments
reported
an average
revenue of

\$1,261

per ton for
aluminum in
FY12.

It takes

60%

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



TABLE 4.3: Metal Recycling by County in Tons

COUNTY	ALUMINUM CANS	FERROUS	NON-FERROUS	STEEL CANS	MIXED	TOTAL
Abbeville	3.74	0.00	0.00	5.50	254.31	263.55
Aiken	15.11	0.00	0.00	5.50	1,033.01	1,053.62
Allendale	0.00	0.00	0.00	5.50	11.06	16.56
Anderson	24.67	0.27	1,598.25	12.12	76.38	1,711.69
Bamberg	0.00	0.00	0.00	5.50	47.48	52.98
Barnwell	0.99	0.00	0.00	5.50	181.00	187.49
Beaufort	284.55	3,073.71	180.30	19.28	5,805.15	9,362.99
Berkeley	236.18	60.73	480.00	27.62	707.63	1,512.16
Calhoun	1.00	0.00	0.00	5.50	68.84	75.34
Charleston	52.86	35,200.00	119.00	5.50	740.15	36,117.51
Cherokee	4.77	0.00	0.00	23.86	152.25	180.88
Chester	4.08	7.74	0.00	10.89	203.60	226.31
Chesterfield	0.70	84.00	0.00	6.00	99.40	190.10
Clarendon	3.14	0.00	0.00	5.50	187.05	195.69
Colleton	5.73	0.00	0.00	5.50	218.39	229.62
Darlington	7.46	219.23	0.00	5.50	0.00	232.19
Dillon	0.09	0.26	3.12	5.50	155.78	164.75
Dorchester	4.18	13,638.07	25.00	5.50	2.00	13,674.75
Edgefield	10.36	138.74	0.00	5.50	0.00	154.60
Fairfield	2.75	0.00	0.00	5.50	181.23	189.48
Florence	16.29	13,623.24	21.04	15.02	117.09	13,792.68
Georgetown	4.12	0.00	0.00	5.50	1,168.65	1,178.27
Greenville	42.05	48,767.49	1,152.02	54.32	479.48	50,495.36
Greenwood	30.13	5,862.76	279.00	48.57	4,476.42	10,696.88
Hampton	0.10	48.66	0.00	5.50	845.45	899.71
Horry	393.37	4,303.12	873.70	348.25	10,123.60	16,042.04
Jasper	0.22	2.32	0.00	5.50	177.65	185.69
Kershaw	8.22	0.00	0.00	5.50	21.00	34.72
Lancaster	7.41	279.52	0.00	5.50	163.78	456.21
Laurens	7.44	6,244.44	545.24	5.50	0.10	6,802.72
Lee	3.80	0.00	0.00	9.30	183.00	196.10
Lexington	38.86	48,707.18	1,725.00	12.70	2,901.43	53,385.17
Marion	0.12	0.00	0.00	5.50	38.01	43.63
Marlboro	26.55	1,058.19	251.28	28.45	539.29	1,903.76
McCormick	4.07	0.00	0.00	5.50	63.07	72.64
Newberry	8.36	0.50	0.00	6.18	225.88	240.92
Oconee	16.73	595.86	0.00	5.50	309.63	927.72
Orangeburg	7.14	9,877.00	15.00	6.00	358.54	10,263.68
Pickens	130.68	6.13	980.76	5.50	383.50	1,506.57
Richland	54.32	39,015.86	3,157.19	127.58	507.69	42,862.64
Saluda	6.04	11.50	0.00	5.50	108.80	131.84
Spartanburg	7.33	27,256.00	2,326.34	5.50	3,588.15	33,183.32
Sumter	69.53	0.00	0.00	71.98	3,179.90	3,321.41
Union	125.39	3,180.87	1,462.41	5.50	164.83	4,939.00
Williamsburg	0.50	6.00	0.00	5.50	151.27	163.27
York	103.22	2,003.69	1,840.40	12.39	342.86	4,302.56
STATE TOTAL	1,774.35	263,273.08	17,035.05	994.51	40,743.78	323,820.77

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

TABLE 4.4: Paper Recycling by County in Tons

COUNTY	CARDBOARD	MAGAZINES	NEWSPAPER AND INSERTS	OFFICE PAPER	PAPERBOARD	PHONE BOOKS	MIXED	TOTAL
Abbeville	571.52	0.00	0.00	8.54	0.00	0.00	123.00	703.06
Aiken	4,404.37	0.00	33.39	21.10	0.00	0.00	1,400.07	5,858.93
Allendale	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04
Anderson	7,064.60	0.05	23.33	443.94	0.00	0.00	1,304.25	8,836.17
Bamberg	101.20	0.00	0.00	0.00	0.00	0.00	0.04	101.24
Barnwell	666.51	0.00	0.00	0.49	0.00	0.00	170.64	837.64
Beaufort	10,583.62	0.00	1,114.12	824.77	0.00	0.00	824.42	13,346.93
Berkeley	5,010.30	0.60	0.10	27.09	0.00	0.00	1,056.72	6,094.81
Calhoun	228.15	0.00	0.00	19.20	0.00	0.00	0.04	247.39
Charleston	51,835.45	0.00	1,615.00	240.12	0.00	0.00	9,640.47	63,331.04
Cherokee	3,537.08	0.00	0.00	0.07	0.00	0.00	474.46	4,011.61
Chester	587.39	0.05	103.20	4.34	0.00	0.00	0.04	695.02
Chesterfield	1,007.24	0.00	0.00	1.74	0.00	0.00	0.04	1,009.02
Clarendon	754.32	0.00	0.00	0.74	0.00	0.00	0.04	755.10
Colleton	876.51	0.00	22.68	1.09	0.00	0.00	0.04	900.32
Darlington	3,193.49	37.85	325.41	33.65	0.00	0.00	24.21	3,614.61
Dillon	561.51	0.00	23.32	0.83	0.00	0.00	62.44	648.10
Dorchester	3,456.10	1.10	0.00	184.26	1.50	2.00	530.03	4,174.99
Edgefield	1,159.04	0.00	119.71	1.00	1.00	0.00	80.42	1,361.17
Fairfield	791.03	0.00	0.00	135.86	0.00	0.05	124.71	1,051.65
Florence	5,698.71	0.00	289.35	29.20	0.15	0.00	50.90	6,068.31
Georgetown	1,906.35	0.00	440.85	20.22	0.00	0.00	4.44	2,371.86
Greenville	30,818.20	0.00	0.00	14,942.47	0.00	0.00	25,717.46	71,478.13
Greenwood	8,650.63	0.55	375.95	220.80	0.00	0.15	1,219.50	10,467.58
Hampton	192.48	17.65	34.80	206.93	0.00	0.00	0.98	452.84
Horry	16,411.03	31.75	4,419.63	1,384.85	1.00	70.00	244.76	22,563.02
Jasper	837.31	0.00	39.14	0.00	0.00	0.00	1.04	877.49
Kershaw	4,598.93	0.55	180.00	8.70	0.00	0.00	24.59	4,812.77
Lancaster	4,782.11	0.00	187.08	172.03	0.00	4.32	38.12	5,183.66
Laurens	1,927.56	2.00	78.50	11.79	0.20	0.21	264.47	2,284.73
Lee	1,710.50	0.00	10.55	0.00	0.00	0.00	17.54	1,738.59
Lexington	10,380.10	2.44	75.49	856.34	0.00	29.00	916.88	12,260.25
Marion	2,439.69	0.00	0.00	1.07	0.00	0.00	4.06	2,444.82
Marlboro	656.00	0.00	9.80	0.00	0.00	0.00	57.64	723.44
McCormick	191.88	0.00	51.27	0.00	0.00	0.00	51.78	294.93
Newberry	2,882.43	0.00	0.00	9.86	0.00	0.00	359.07	3,251.36
Oconee	5,137.72	15.00	351.06	271.68	0.00	0.00	905.59	6,681.05
Orangeburg	2,489.81	0.10	130.52	47.75	2.00	0.10	8.54	2,678.82
Pickens	8,385.17	0.00	0.20	1,447.90	0.00	0.00	2,590.29	12,423.56
Richland	15,376.55	26.69	1,977.50	14,110.36	0.00	15.93	511.68	32,018.71
Saluda	929.85	0.00	65.34	0.00	0.00	0.00	107.95	1,103.14
Spartanburg	22,610.29	4.01	0.60	49.35	0.00	0.15	11,474.26	34,138.66
Sumter	3,051.26	0.00	103.79	84.33	0.00	0.00	1,357.49	4,596.87
Union	5,169.45	0.00	0.00	0.36	0.00	0.00	186.83	5,356.64
Williamsburg	392.19	0.00	12.57	5.50	0.00	0.10	0.04	410.40
York	28,255.07	401.89	978.62	277.07	157.44	12.65	1,431.89	31,514.63
STATE TOTAL	282,270.70	542.28	13,192.87	36,107.39	163.29	134.66	63,363.91	395,775.10

On average,
more than

169

pounds of paper
were recycled
per person in
South Carolina
during FY12.

Paper made up

32%

of all MSW
recycled in the
state during
FY12.

About

396

thousand tons
of paper were
recycled in the
state during
FY12.

S.C. local
governments
reported an
average revenue of

\$105

per ton for
cardboard in FY12.

Nationally,

85%

of all cardboard
containers are
recovered.

Recycling 1 ton
of paper saves

7,000

gallons of water.



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

On average,
nearly

7.8

pounds of
plastic were
recycled per
person in South
Carolina in FY12.

More than

26%

of plastic
recycled was
from residential
collection
programs in
FY12.

About

1.5%

of all MSW
recycled in the
state was plastic
in FY12.

S.C. local
governments
reported an
average of

\$420

per ton for PET
in FY12.



TABLE 4.5: Plastic Recycling by County in Tons

COUNTY	HDPE	LDPE	PET	PP	PS	COMMINGLED PET & HDPE	MIXED	TOTAL
Abbeville	0.00	3.50	19.39	0.00	0.00	0.41	0.34	23.64
Aiken	1.55	14.00	0.27	0.00	0.00	0.00	165.45	181.27
Allendale	0.00	0.00	0.00	0.00	0.00	1.11	0.00	1.11
Anderson	18.76	32.59	16.46	0.00	0.18	0.00	76.06	144.05
Bamberg	0.00	0.00	0.00	0.00	0.00	2.65	0.00	2.65
Barnwell	0.36	0.00	0.08	0.00	0.00	0.00	30.45	30.89
Beaufort	4.01	28.00	0.00	0.00	0.82	331.39	62.02	426.24
Berkeley	7.01	28.00	0.76	0.00	0.01	0.00	465.19	500.97
Calhoun	9.57	0.00	0.00	0.00	0.00	0.00	1.92	11.49
Charleston	80.43	315.21	35.09	0.00	0.22	0.00	398.21	829.16
Cherokee	0.22	3.50	0.06	0.00	0.00	23.18	56.63	83.59
Chester	0.22	3.50	0.09	0.00	0.00	0.00	51.70	55.51
Chesterfield	3.09	74.50	0.88	0.00	0.00	0.00	29.70	108.17
Clarendon	0.59	0.00	0.20	0.00	0.00	0.00	191.63	192.42
Colleton	0.83	14.80	0.00	0.00	0.00	0.23	72.98	88.84
Darlington	14.12	70.75	9.88	0.00	0.00	0.00	28.96	123.71
Dillon	0.79	0.00	740.22	0.00	0.00	0.00	15.59	756.60
Dorchester	0.60	10.50	1.19	0.00	0.00	0.10	58.25	70.64
Edgefield	0.00	0.00	0.00	0.00	0.00	24.51	6.54	31.05
Fairfield	0.28	3.50	0.68	0.00	0.00	38.19	8.21	50.86
Florence	15.67	7.23	27.31	0.00	1.54	0.39	87.92	140.06
Georgetown	45.96	3.50	62.44	0.00	0.00	0.00	30.79	142.69
Greenville	10.61	0.99	2.96	0.00	0.00	1,423.95	1,979.22	3,417.73
Greenwood	14.52	25.04	115.01	0.00	0.00	54.41	317.48	526.46
Hampton	24.09	3.50	0.00	0.00	0.00	1.43	2.65	31.67
Horry	363.27	151.31	573.74	28.65	3.38	1.12	287.47	1,408.94
Jasper	0.00	0.00	0.00	0.00	0.00	0.00	33.43	33.43
Kershaw	4.22	19.63	3.48	0.00	0.00	66.62	84.25	178.20
Lancaster	0.65	7.00	0.21	0.00	0.00	41.53	21.86	71.25
Laurens	2.18	7.00	0.12	0.00	0.00	3.62	47.39	60.31
Lee	1.66	0.00	0.00	0.00	0.00	6.80	2.65	11.11
Lexington	59.17	44.99	4.03	0.00	0.00	217.04	1,110.01	1,435.24
Marion	0.80	0.00	0.25	0.00	0.00	0.00	24.92	25.97
Marlboro	0.00	3.50	0.00	0.00	0.00	3.33	2.65	9.48
McCormick	0.00	0.00	0.00	0.00	0.00	9.21	9.19	18.40
Newberry	0.48	3.50	0.17	0.00	0.00	0.00	66.92	71.07
Oconee	0.45	12.40	4.21	0.00	0.01	0.00	101.38	118.45
Orangeburg	34.27	19.40	0.67	66.00	0.00	0.00	54.47	174.81
Pickens	58.25	14.46	39.46	0.00	0.01	0.00	149.91	262.09
Richland	42.68	27.44	3.81	0.00	0.00	547.42	455.84	1,077.19
Saluda	0.00	0.00	0.00	0.00	0.00	18.15	2.65	20.80
Spartanburg	3.37	39.99	2.64	0.00	0.00	0.00	3,999.54	4,045.54
Sumter	25.77	3.50	46.09	0.00	0.06	108.50	140.12	324.04
Union	10.59	10.09	17.21	0.00	0.00	0.00	4.58	42.47
Williamsburg	0.00	3.50	0.00	0.00	0.00	0.00	5.30	8.80
York	111.78	166.13	187.79	0.00	0.00	2.99	373.91	842.60
STATE TOTAL	972.87	1,176.45	1,916.85	94.65	6.23	2,928.28	11,116.33	18,211.66

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

TABLE 4.6: Banned Items by County in Tons

COUNTY	APPLIANCES	DIY USED MOTOR OIL	ELECTRONICS SCRAP	LEAD-ACID BATTERIES	TIRES	YARD TRIMMINGS	TOTAL
Abbeville	0.08	21.00	84.87	3.59	277.65	0.00	387.19
Aiken	75.56	141.00	321.43	1,103.17	953.45	293.00	2,887.61
Allendale	0.00	7.00	19.55	0.53	120.12	0.00	147.20
Anderson	39.17	129.00	70.22	530.56	668.69	0.00	1,437.64
Bamberg	0.00	17.00	41.03	0.59	286.67	352.04	697.33
Barnwell	3.67	24.00	6.39	24.87	189.12	0.00	248.05
Beaufort	220.77	90.00	582.36	133.50	1,204.82	13,791.00	16,022.45
Berkeley	1,717.21	165.00	209.99	139.08	931.08	2,027.00	5,189.36
Calhoun	10.00	20.00	20.95	2.24	117.85	0.00	171.04
Charleston	1,587.74	147.00	464.87	2,189.77	3,203.49	53,113.00	60,705.87
Cherokee	152.25	21.00	53.54	49.73	871.50	710.90	1,858.92
Chester	0.00	29.00	28.31	12.09	197.92	144.00	411.32
Chesterfield	5.18	26.00	59.86	23.57	416.73	0.00	531.34
Clarendon	0.00	31.00	101.45	37.89	422.20	0.00	592.54
Colleton	6.25	38.00	118.80	62.25	554.50	0.02	779.82
Darlington	12.72	40.00	142.71	35.48	784.37	0.00	1,015.28
Dillon	0.00	26.00	6.47	22.10	154.47	810.00	1,019.04
Dorchester	523.95	108.00	154.44	57.18	873.89	1,035.62	2,753.08
Edgefield	34.76	42.00	39.06	7.02	248.12	0.00	370.96
Fairfield	0.00	28.00	102.02	11.03	490.79	600.00	1,231.84
Florence	1,273.14	80.00	202.45	94.18	1,222.75	7,736.50	10,609.02
Georgetown	0.00	62.00	99.79	62.81	771.60	4,050.63	5,046.83
Greenville	1,142.42	175.00	807.78	1,164.70	9,256.97	51,122.20	63,669.07
Greenwood	55.57	36.00	153.66	104.03	1,041.46	0.00	1,390.72
Hampton	27.49	20.00	54.77	10.10	366.64	1,524.67	2,003.67
Horry	421.98	195.00	975.08	1,696.58	4,296.65	41,032.09	48,617.38
Jasper	0.00	23.00	96.83	55.92	276.07	0.00	451.82
Kershaw	122.30	82.00	156.99	62.99	445.02	4,100.00	4,969.30
Lancaster	5.30	95.00	56.53	56.03	856.75	3,749.70	4,819.31
Laurens	46.39	28.00	156.79	22.47	438.63	63.53	755.81
Lee	0.00	7.00	30.63	0.53	243.75	2,033.89	2,315.80
Lexington	1,226.27	322.00	349.52	205.14	1,381.22	9,904.60	13,388.75
Marion	0.08	17.00	24.80	329.19	283.28	778.00	1,432.35
Marlboro	0.00	13.00	2.08	0.53	190.12	2,400.00	2,605.73
McCormick	15.85	13.00	16.56	1.49	73.96	0.00	120.86
Newberry	20.53	29.00	102.57	56.55	290.99	3,356.17	3,855.81
Oconee	555.74	57.00	14.95	192.29	802.84	4,478.00	6,100.82
Orangeburg	24.55	62.00	189.11	93.56	825.57	0.00	1,194.79
Pickens	1,442.72	123.00	462.91	71.29	981.51	7,521.00	10,602.43
Richland	553.78	107.00	969.49	1,811.65	2,086.61	1,593.50	7,122.03
Saluda	27.14	28.00	27.32	24.97	182.44	0.00	289.87
Spartanburg	535.31	204.00	597.05	97.68	2,443.61	15,170.04	19,047.69
Sumter	3,031.26	88.00	158.33	189.81	1,040.59	2,057.40	6,565.39
Union	0.00	24.00	50.30	11.85	147.53	0.00	233.68
Williamsburg	0.00	31.00	78.64	0.53	463.98	100.80	674.95
York	34.97	194.00	794.30	237.22	1,702.24	9,486.93	12,449.66
STATE TOTAL	14,952.10	3,265.00	9,257.55	11,100.33	45,080.21	245,136.23	328,791.42

On average,
nearly

141

pounds of
banned items
were recycled
per person in
South Carolina
in FY12.

27%

of all MSW
recycled in the
state during
FY12 was
banned items.

About

10%

more yard
trimmings were
recycled in FY12
than FY11.

S.C. local
governments
reported
an average
revenue of

\$404

per ton for
lead-acid
batteries
recycled in FY12.

S.C. local
governments
reported earning
an average of

\$254

per ton for
used motor oil
recycled in FY12.

A Note on Banned Electronics ...

South Carolina's ban on electronics targets specific electronics from residents (i.e., computers, computer monitors, televisions and printers). For ease of reporting, the banned electronics reported in this section include all of the electronics that were recycled in FY12.



TABLE 4.7: Miscellaneous Items by County in Tons

COUNTY	ANTIFREEZE	COOKING OIL	FLUORESCENT BULBS	FOOD SCRAPS	HAZARDOUS MATERIAL	INK/ETONER CARTRIDGES	MATTRESSES	PAINT	RECHARGEABLE BATTERIES	TEXTILES	USED MOTOR OIL FILTERS	WOOD PACKAGING	OTHER ITEMS	TOTAL MISCELLANEOUS
Abbeville	4.72	48.14	2.00	0.00	0.00	0.07	0.00	0.00	0.25	0.01	2.59	279.33	29.25	366.36
Aiken	19.51	607.99	21.21	0.00	0.00	14.98	0.00	0.00	149.49	0.01	7.23	375.82	142.49	1,338.73
Allendale	4.72	12.79	0.80	0.00	0.00	0.06	0.00	0.00	0.02	0.01	1.89	0.52	29.25	50.06
Anderson	4.72	268.16	9.54	0.00	0.00	0.67	0.00	12.50	20.82	0.01	1.63	722.17	29.30	1,069.52
Bamberg	4.72	38.28	0.99	0.00	0.00	0.06	0.00	0.00	0.04	0.01	0.41	0.52	29.25	74.28
Barnwell	5.16	119.14	1.19	0.00	0.00	0.06	0.00	0.00	0.02	0.01	2.19	0.52	29.25	157.54
Beaufort	21.65	1,389.28	10.79	0.00	22.00	3.76	96.00	0.00	4.97	192.21	22.16	674.93	77.60	2,515.35
Berkeley	10.52	288.06	17.73	0.00	0.00	3.27	0.00	4.32	16.48	7.28	77.00	460.23	156.64	1,041.53
Calhoun	4.72	46.89	2.51	0.00	0.00	0.56	0.00	0.00	0.40	0.01	1.40	125.52	29.25	211.26
Charleston	57.00	3,057.75	35.24	1,615.73	44.07	7.32	0.00	7.84	22.31	0.01	368.46	1,400.90	33.01	6,649.64
Cherokee	5.02	214.15	4.15	0.00	0.00	0.94	0.00	0.00	0.14	0.01	2.01	951.69	29.25	1,207.36
Chester	4.72	38.00	1.55	0.00	0.00	0.09	0.00	0.00	0.02	0.01	1.81	15.66	33.75	95.61
Chesterfield	4.72	94.34	4.11	0.00	0.00	0.56	0.00	0.00	0.16	0.01	2.17	0.52	36.05	142.64
Clarendon	4.72	145.79	9.18	0.00	0.00	0.61	0.00	0.00	0.46	0.01	4.36	117.32	53.15	335.60
Colleton	4.72	316.78	1.71	0.00	0.00	0.05	0.00	0.00	0.02	0.01	5.92	0.52	29.25	358.98
Darlington	5.25	149.72	3.07	0.00	0.00	0.44	0.00	0.00	0.57	0.01	7.57	253.42	40.00	460.05
Dillon	4.51	257.85	1.93	0.00	0.00	0.12	0.00	0.00	0.00	0.01	0.35	0.75	29.25	294.77
Dorchester	9.42	767.66	5.30	0.00	0.00	1.60	0.00	0.00	0.65	7.28	6.22	246.45	29.25	1,073.83
Edgefield	6.91	55.14	1.34	0.00	0.00	0.18	0.00	0.00	0.10	7.28	1.31	24.63	29.25	126.14
Fairfield	4.72	124.43	1.97	0.00	0.00	0.13	0.00	0.00	0.04	0.01	3.29	0.75	29.39	164.73
Florence	4.95	984.50	6.69	0.00	0.00	0.87	0.00	0.00	0.79	7.28	3.42	400.20	77.95	1,486.65
Georgetown	4.72	430.30	3.80	0.00	0.00	0.18	0.00	0.00	0.51	0.01	4.18	117.55	35.95	597.20
Greenville	75.56	1,344.21	58.72	6.29	0.00	8.85	0.00	1.44	6.24	573.78	112.13	3,682.32	1,845.22	7,714.76
Greenwood	5.63	1,256.16	7.11	0.00	0.00	3.20	0.00	0.00	1.17	0.01	2.52	3,395.53	38.15	4,709.48
Hampton	4.72	76.07	1.17	0.00	0.00	0.06	0.00	0.00	0.02	0.01	1.20	38.22	29.25	150.72
Horry	81.12	3,397.68	26.69	2.60	0.00	5.92	171.24	1.56	6.56	2,656.11	128.65	998.24	0.00	7,476.37
Jasper	4.72	62.26	1.28	0.00	0.00	0.06	0.00	0.00	0.06	0.01	0.41	0.52	29.25	98.57
Kershaw	5.73	129.73	2.48	0.00	0.00	0.18	0.00	0.00	0.28	7.28	0.42	204.99	29.25	380.34
Lancaster	4.72	106.65	3.73	0.00	0.00	0.13	0.00	0.09	0.64	3.87	6.26	874.56	34.33	1,034.98
Laurens	4.72	108.71	3.03	0.00	0.00	0.35	0.00	0.00	0.48	0.01	0.42	91.93	29.25	238.90
Lee	4.72	15.05	1.08	0.00	0.00	0.06	0.00	0.00	0.04	0.01	3.81	0.52	29.25	54.54
Lexington	5.78	1,219.54	12.52	0.00	0.00	3.12	38.93	0.25	3.24	38.24	25.23	1,624.78	108.34	3,079.97
Marion	4.97	149.80	1.54	0.00	0.00	0.07	0.00	0.00	0.35	0.01	10.62	0.52	29.25	197.13
Marlboro	4.72	75.85	1.39	0.00	0.00	0.56	0.00	0.00	0.02	0.01	1.01	0.52	29.25	113.33
McCormick	4.83	29.00	0.80	0.00	0.00	0.11	0.00	0.00	0.10	7.28	0.59	24.40	29.25	96.36
Newberry	5.11	112.76	3.43	0.00	0.00	0.57	0.00	0.00	1.07	0.01	0.42	110.12	29.25	262.74
Oconee	20.53	374.57	7.58	0.00	0.00	1.44	0.00	0.00	2.75	0.01	10.13	1,401.53	34.18	1,852.72
Orangeburg	4.92	359.68	7.06	0.00	0.00	0.22	0.00	9.38	1.62	0.01	7.14	653.06	50.71	1,093.80
Pickens	12.36	343.47	5.89	0.00	0.00	0.83	0.00	28.45	0.74	144.15	8.88	500.00	49.55	1,094.32
Richland	7.73	7,541.92	60.62	0.02	0.00	5.71	55.00	4.53	8.62	32.82	8.59	918.45	91.35	8,735.36
Saluda	4.72	44.61	1.11	0.00	0.00	0.06	0.00	1.51	0.04	0.01	3.25	400.52	29.25	485.08
Spartanburg	14.72	440.32	25.76	0.00	0.00	1.03	0.00	0.79	12.10	7.28	9.55	6,021.61	29.51	6,562.67
Sumter	7.92	968.29	6.29	0.00	0.00	1.57	0.00	0.00	0.94	0.01	8.68	128.88	50.33	1,172.91
Union	4.72	39.29	1.89	0.00	0.00	0.55	0.00	0.00	0.32	0.01	0.91	0.52	29.25	77.46
Williamsburg	4.72	503.29	1.57	0.00	0.00	0.31	0.00	0.00	0.02	0.01	0.41	1.02	29.25	540.60
York	143.64	798.46	23.11	0.00	0.00	22.14	0.00	38.45	5.62	83.24	89.19	1,460.57	339.69	3,004.11
STATE TOTAL	644.85	28,952.51	412.65	1,624.64	66.07	93.68	361.17	111.11	271.30	3,775.69	967.99	28,703.25	4,060.14	70,045.05

Hazardous Household Material

Hazardous household material (HHM) is reported as a miscellaneous item and highlighted here because it comprises a significant part of MSW as well as poses a potential risk to human health and the environment. It is called hazardous material in Table 4.16 because it includes material generated by businesses – and not just households. This section highlights efforts to properly manage or recycle HHM.

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 poses a threat to human health and the environment. Examples of improper disposal of HHM 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 three 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.



57%

more miscellaneous items were recycled in FY12 than the previous FY.

On average, nearly

30

pounds of miscellaneous items were recycled per person in South Carolina in FY12.

Nearly

744%

more cooking oil was reported recycled in FY12 than the previous FY due to better data provided.

Nearly

98%

of rechargeable batteries came from commercial/institutional and industrial sources in FY12.

Nearly

181%

more mattresses were recycled in FY12 than the previous FY.

S.C. HHM Collection Programs

Below is the list of programs and the amount* of HHM collected in FY12.

- **BEAUFORT COUNTY:** Single-day collection events and permanent paint collection sites (121 tons)
- **CHARLESTON COUNTY:** Permanent collection site (584 tons)
- **CHESTER COUNTY:** Single-day collection events (8.99 tons)
- **CITY OF AIKEN:** Curbside collection – yard chemicals only (80 pounds)
- **CITY OF NORTH AUGUSTA:** Single-day collection events (5.36 tons)
- **CITY OF SIMPSONVILLE:** Single-day collection events (paint only, no record of amount)
- **GEORGETOWN COUNTY:** Permanent collection site (23.1 tons)
- **HORRY COUNTY:** Permanent collection site (81.39 tons)
- **RICHLAND COUNTY:** Single-day collection event (100 tons)
- **SPARTANBURG COUNTY:** Single-day collection event (11.54 tons)
- **TOWN OF SURFSIDE BEACH:** Weekend collection events (sent to and reported by Horry County)
- **YORK COUNTY:** Single-day collection events and a permanent collection site (61.13 tons)

* This list includes all HHM collected in South Carolina in FY12. Only that listed in Table 4.7 was recycled. The rest was disposed of properly and does not count towards the state's recycling rate.

Commingled
recyclables
accounted for

7%

of the MSW
recycled in FY12.

On average,
each South
Carolinian
recycled about

35

pounds of
commingled
recyclables in
FY12.

The average
revenue
reported by local
governments
was

\$24

per ton in FY12.

The amount of
commingled
recyclables
increased

72%

from FY11 to
FY12.

More than

87%

of commingled
recyclables
recycled in
FY12 came
from residential
sources.

TABLE 4.8: Commingled Recyclables by County

COUNTY	TONS	COUNTY	TONS
Abbeville	0.00	Greenwood	0.00
Aiken	2,878.74	Hampton	0.00
Allendale	0.00	Horry	0.00
Anderson	1,631.69	Jasper	0.00
Bamberg	0.00	Kershaw	0.00
Barnwell	0.00	Lancaster	31.54
Beaufort	4,299.33	Laurens	119.06
Berkeley	1,405.00	Lee	0.60
Calhoun	0.00	Lexington	5,547.81
Charleston	17,337.00	Marion	12.90
Cherokee	8.04	Marlboro	0.00
Chester	110.00	McCormick	0.00
Chesterfield	259.38	Newberry	0.00
Clarendon	0.00	Oconee	0.00
Colleton	0.00	Orangeburg	13.56
Darlington	347.84	Pickens	1,205.80
Dillon	2.70	Richland	25,263.43
Dorchester	5,997.40	Saluda	12.35
Edgefield	56.70	Spartanburg	3,063.96
Fairfield	0.00	Sumter	0.00
Florence	1,295.79	Union	0.00
Georgetown	0.00	Williamsburg	0.00
Greenville	7,648.28	York	3,260.94
		STATE TOTAL	81,809.84



Curbside programs use a variety of collection containers for commingled recycling.

Pictured are roll carts used by the City of Simpsonville and Charleston County. Below are recycling bins used by the cities of Columbia and Greenville.

Used Motor Oil Recycling

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-160 – requires the S.C. Department of Health and Environmental Control (DHEC) to annually compile a report on the state's used motor oil recycling program for do-it-yourself oil changers (DIYers). According to the Act, the report must include:

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

The Act requires that transporters of used motor oil must report to DHEC the amount hauled each calendar year (CY). Grant funding and the solid waste data in this publication are reported by fiscal year (FY). For purposes of this report, however, the amount of used motor oil collected is presented in two ways: 1) by CY11; and 2) by FY12 (July 1, 2011 to June 30, 2012). In South Carolina, only used motor oil generated and recycled by DIYers is counted as part of the state's MSW recycling rate.

In CY11, DIYers recycled 965,623 gallons of used motor oil at nearly 900 collection sites. The sites are provided by local governments, retail outlets, quick lubes and auto parts stores. Chart 5.1 illustrates the success of the used motor oil collection program for DIYers (by calendar year) while Table 5.2 lists the number of DIY collection sites and amount of DIY used motor oil collected in each county in FY12. The 932,725 gallons of used motor oil collected in FY12 equates to 3,265 tons.

DIYers recycled more than 18.3 million gallons of used motor oil since the program began in 1990.

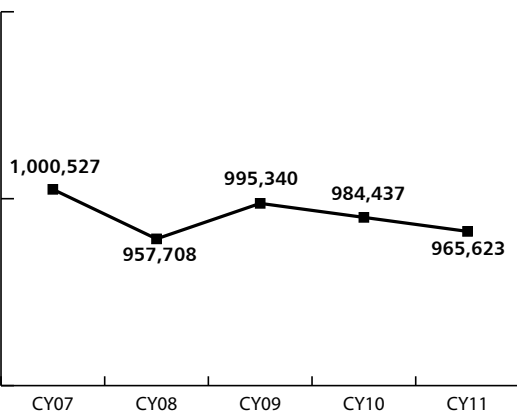
Annual collection data for DIY used motor oil recycling seems to indicate a plateau of about 1 million gallons as seen in Chart 5.1. This leveling off may be attributed to several factors including: 1) the number of DIYers may be decreasing; 2) some local governments may use DIY used motor oil in waste oil heaters and not track or report that volume; and 3) the

frequency of DIY oil changes may be decreasing due to the economy, use of synthetic motor oil and new manufacturer recommendations.

There is a fee of two cents per quart of motor oil collected at the wholesale level. Part of this funding is used to provide a grant program for local governments focusing on DIY used motor oil collection and recycling. In FY12, \$673,856 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 FY12 is provided in Table 5.2. Grant funds are used primarily for the purchase of equipment and supplies associated with used motor oil collection sites. Funds also are used to cover costs for used motor oil filter recycling, public education and professional development of local government recycling coordinators and others.

In addition to used motor oil, most county and some municipal recycling programs also collect used motor oil filters and 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. The data presented in Table 4.7 does not reflect the full extent of used motor oil filter recycling in South Carolina.

CHART 5.1: DIY Used Motor Oil Recycling by CY in Gallons



Overall, there are few barriers to recycling used motor oil, used motor oil filters and motor oil bottles. Markets are not an issue. The S.C. Budget and Control Board has developed a state-term contract that provides vendors for the recycling of used motor oil and used motor oil filters. In fact, the state-term contract vendor for used motor oil collection and recycling pays contract users 65 cents per gallon of used motor oil collected. Other markets – including Santee Cooper – for used motor oil recycling 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.

Oil recycling equals revenue.

Not all local governments reported, but those that did earned an average of 89 cents per gallon (ranging from no earned revenue to \$1.43) for used motor oil in FY12. Like all commodities, the price depends on quality, quantity and consistency of supply.

Using this average price per gallon, it is estimated that local governments earned more than \$830,000 from the sale of 932,725 gallons of used motor oil in FY12.

TABLE 5.2: Number of DIY Used Motor Oil Collection Sites, FY12 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	\$6,180	6,089	Kershaw	16	\$21,340	23,465
Aiken	29	\$9,000	40,386	Lancaster	16	\$12,150	27,143
City of Aiken	***	\$4,000	***	Laurens	13	\$23,551	8,059
Allendale	6	\$6,225	2,018	Lee	9	\$0	2,035
Anderson	31	\$29,131	36,737	Lexington	34	\$34,360	92,041
Bamberg	10	\$6,300	4,745	Marion	10	\$7,180	4,916
Barnwell	14	\$11,555	6,752	Marlboro	17	\$6,887	3,839
Beaufort	19	\$17,900	25,774	McCormick	4	\$4,150	3,792
Berkeley	19	\$14,950	47,240	Newberry	18	\$10,175	8,296
Calhoun	10	\$5,725	5,644	Oconee	22	\$0	16,211
Charleston	30	\$10,000	41,859	City of Seneca	***	\$5,000	***
Cherokee	18	\$25,000	5,978	Orangeburg	30	\$23,020	17,813
Chester	15	\$15,005	8,313	Pickens	19	\$41,230	35,012
Chesterfield	13	\$17,214	7,347	Richland	31	\$11,000	30,701
Clarendon	20	\$5,000	8,773	City of Columbia	***	\$6,000	***
Colleton	19	\$6,600	10,864	Saluda	9	\$9,255	8,014
Darlington	20	\$10,000	11,377	Spartanburg	43	\$32,203	58,359
Dillon	15	\$0	7,287	Sumter	21	\$12,206	25,017
Dorchester	20	\$23,905	30,988	City of Sumter	***	\$4,000	***
Edgefield	10	\$9,255	12,013	Three Rivers SWA*	***	\$1,000	***
Fairfield	12	\$17,553	7,925	Tri-County SWA**	***	\$1,000	***
Florence	30	\$7,788	22,939	Union	10	\$0	6,726
Georgetown	22	\$14,333	17,744	Williamsburg	25	\$12,805	8,765
Greenville	41	\$8,750	49,997	York	40	\$16,000	55,323
Greenwood	14	\$16,305	10,225	City of Rock Hill	***	\$17,850	***
Hampton	12	\$7,500	5,847				
Horry	43	\$51,320	55,715				
Jasper	7	\$5,000	6,622	STATE TOTAL	898	\$673,856	932,725

* 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.

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

NOTE: The majority of sites listed above are provided by local governments, but the total number (898) 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 of 1991 (Act) – S.C. Code of Laws § 44-96-140 – requires state agencies and state-supported colleges/universities to:

- establish recycling programs for the collection of selected material including, but not limited to, aluminum, cardboard, glass, lead-acid batteries, paper, plastic, tires and used motor oil;
- evaluate and make necessary modifications to their programs to ensure material is recycled to the maximum extent possible; and
- establish waste reduction programs for material used in the course of operations to achieve the maximum feasible reduction.

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

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

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

DHEC's Office of Solid Waste Reduction and Recycling is responsible for compiling and reviewing the data

submitted by state agencies and state-supported colleges/universities and publishing the "State Agencies & Colleges/Universities Recycling & Buying Recycled Annual Report."

This section is a condensed version of the report and provides information for fiscal year (FY) 2012

State agencies recycled more than 10,200 tons of material in FY12, a 6 percent increase from FY11.

reflecting recycling and buying recycled activities from July 1, 2011 to June 30, 2012. (To see the complete report, visit www.scdhec.gov/recycle and select "Solid Waste Annual Reports" in the left navigation bar.)

Data regarding the amount of material recycled was received either directly from the state agency

or college/university that completed the survey provided by DHEC or from vendors providing recycling services. Both public and private colleges/universities are included in this section although only state-supported colleges/universities are required to provide information. Overall, 74 state agencies and 27 colleges/universities provided data for this report.

In FY12, 19,334 tons of material was recycled by state agencies and colleges/universities – a decrease of about 9 percent from the 21,164 tons recycled in FY11. The recycled-content products purchased most frequently by state agencies and colleges/universities were office paper and inkjet/toner cartridges.

Overall, state agencies reported recycling 10,218 tons of material in FY12 – about a 6 percent increase from the 9,635 tons of material recycled the previous FY. More information is provided on the following pages.

Colleges/universities reported recycling about 9,117 tons of material – a 21 percent decrease from the 11,529 tons of material recycled the previous FY. More information is provided on the following pages.

RECYCLING DATA: State Agencies

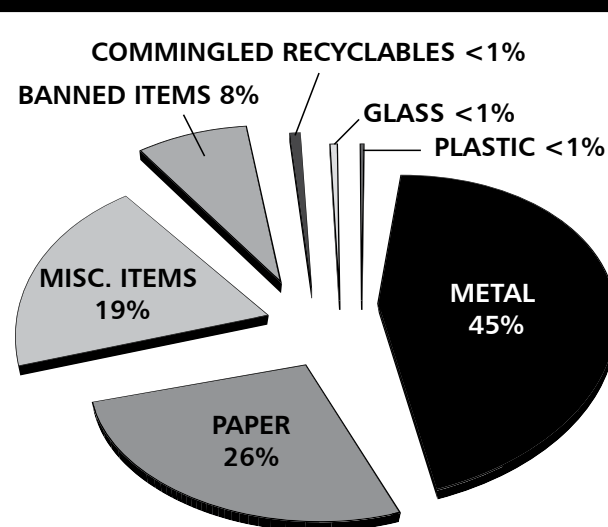
Seventy-four state agencies and other governmental bodies recycled 10,218 tons of material in FY12 – about a 6 percent increase from the 9,635 tons recycled in FY11. Of that, the top commodity recycled was metal (e.g., aluminum, ferrous metals, steel cans) followed by paper (e.g., cardboard, office paper, newspaper, books).

When it comes to buying recycled-content products, 49 agencies and governmental bodies reported purchasing recycled-content paper. In addition, 33 reported buying recycled-content inkjet/toner cartridges.



State agencies recycled more than 2,600 tons of paper in FY12. Metal was the top commodity recycled, though, with more than 4,600 tons collected.

CHART 6.1: Commodities Recycled as a Percentage of All Material Recycled by State Agencies



NOTE: The total amount exceeds 100 percent due to rounding.

State Agencies Reporting for FY12

- Administrative Law Court
- Arts Commission
- Attorney General
- Budget and Control Board
- Commission for the Blind
- Commission for Minority Affairs
- Commission on Higher Education
- Commission on Indigent Defense
- Commission on Prosecution Coordination
- Comptroller General
- Criminal Justice Academy
- Department of Agriculture
- Department of Alcohol and Other Drug Abuse Services
- Department of Archives and History
- Department of Commerce
- Department of Consumer Affairs
- Department of Corrections
- Department of Disabilities and Special Needs
- Department of Education
- Department of Employment and Workforce
- Department of Health and Environmental Control
- Department of Health and Human Services
- Department of Insurance
- Department of Juvenile Justice
- Department of Labor, Licensing and Regulation
- Department of Mental Health
- Department of Motor Vehicles
- Department of Natural Resources
- Department of Parks, Recreation and Tourism
- Department of Probation, Parole and Pardon Services
- Department of Revenue
- Department of Social Services
- Department of Transportation
- Education Lottery Commission
- Education Oversight Committee
- Educational Television Network
- Emergency Management Division
- Ethics Commission
- First Steps
- Forestry Commission
- Governor's Mansion
- Governor's School for the Arts and Humanities
- Governor's School for Science and Mathematics
- Higher Education Tuition Grants Commission
- House of Representatives
- Human Affairs Commission
- Jobs-Economic Development Authority
- Judicial Department
- Legislative Audit Council
- Legislative Council
- Legislative Printing, Information and Technology Systems
- Office of the Adjutant General
- Office of the Governor
- Office of the Lt. Governor
- Office of Regulatory Staff
- 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
- 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
- Wil Lou Gray Opportunity School
- Workers' Compensation Commission

TABLE 6.2: Commodities Recycled in Tons by State Agencies		
COMMODITIES RECYCLED		AMOUNT (tons)
BANNED ITEMS	Appliances	3.49
	Electronics	191.04
	Lead-acid batteries	35.52
	Tires	164.54
	Used motor oil	453.28
	Yard trimmings	8.05
TOTAL BANNED ITEMS		855.92
COMMINGLED RECYCLABLES	May include: aluminum cans; cardboard; paper; and/or plastic	54.59
TOTAL COMMINGLED RECYCLABLES		54.59
GLASS (Containers & Packaging)	Brown	1.03
	Clear	1.34
	Green	0.74
	Other/mixed glass	10.19
TOTAL GLASS		13.30
METAL	Aluminium (cans, foil)	162.39
	Ferrous metals	806.12
	Steel cans	199.45
	Other/mixed metal	3,433.96
TOTAL METAL		4,601.92
PAPER	Books	37.86
	Cardboard	733.87
	Magazines	67.52
	Newspapers and inserts	10.12
	Office paper	1,369.47
	Paperboard	3.40
	Phone books	18.52
	Other/mixed paper	387.91
TOTAL PAPER		2,628.67
PLASTIC	HDPE	5.73
	LDPE	0.02
	PET	2.26
	Vinyl	0.27
	Other/mixed plastic	88.75
TOTAL PLASTIC		97.03
MISCELLANEOUS ITEMS * Wood includes furniture, cabinets and pallets. ** Other includes athletic shoes, ballasts, car parts and electronic media (e.g., DVDs, CDs, diskettes).	Antifreeze	21.42
	Carpet	0.50
	Clothing/textiles	72.69
	Construction & demolition debris	592.06
	Cooking oil	7.47
	Fluorescent bulbs	53.73
	Food scraps	0.06
	Inkjet/toner cartridges	15.61
	Paint (oil or latex)	0.37
	Rechargeable batteries	5.25
	Used oil filters	28.04
	Wood*	1,096.71
	Other**	72.24
TOTAL MISCELLANEOUS ITEMS		1,966.15
TOTAL FOR ALL		10,217.58



SCDC plays key role in recycling collection.

The S.C. Department of Corrections (SCDC) offers recycling collection services for state agencies as well as state-supported colleges/universities throughout South Carolina.

In FY12, SCDC collected a wide range of recyclables – including traditional items as well as athletic shoes, books and textiles – from more than 40 state agencies and state government facilities in the Columbia area.

There is a fee for this service – which also includes assistance with annual reporting requirements. Participating programs may need to provide recycling containers.

Participants will see a significant reduction in the amount of material going to the landfill and as such may be able to reduce disposal costs.



RECYCLING DATA: Colleges/Universities

Twenty-seven colleges/universities reported recycling about 9,117 tons of material in FY12 – about a 21 percent decrease from the 11,529 tons recycled in FY11.

One of the reasons for this decrease was a significant drop – more than 2,500 tons – in the amount of construction and demolition (C&D) debris recycled from the previous FY. Excluding C&D debris, the total amount of recycling increased about 175 tons from the previous FY.

It is important to note that there also are several additional colleges/universities that have recycling programs, but, for a variety of reasons, can not determine weights and did not report.

Paper was the most recycled commodity followed by miscellaneous items (mostly C&D debris).

When it comes to buying recycled-content products, 20 colleges/universities reported purchasing recycled-content copy paper, followed by 17 schools purchasing recycled-content inkjet/toner cartridges.

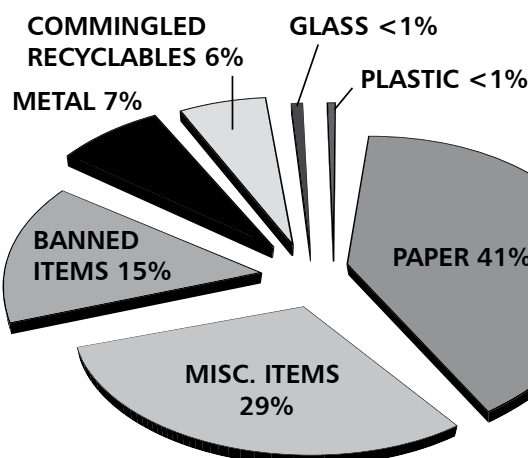
USC's mascot "Cocky" helps promote recycling across campus.



Colleges/Universities Reporting for FY12

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

CHART 6.3: Commodities Recycled as a Percentage of All Material Recycled by Colleges/Universities



NOTE: The total amount exceeds 100 percent due to rounding.

TABLE 6.4: Commodities Recycled in Tons by Colleges/Universities		
COMMODITIES RECYCLED		AMOUNT (tons)
BANNED ITEMS	Appliances	13.26
	Electronics	259.64
	Lead-acid batteries	12.68
	Tires	13.27
	Used motor oil	26.57
	Yard trimmings	1,042.82
TOTAL BANNED ITEMS		1,368.24
COMMINGLED RECYCLABLES	May include: aluminum cans; cardboard; glass; paper; and/or plastic	565.87
TOTAL COMMINGLED RECYCLABLES		565.87
GLASS (Containers & Packaging)	Brown	0.10
	Clear	4.25
	Green	0.10
	Other/mixed glass	28.04
TOTAL GLASS		32.49
METAL	Aluminium (cans, foil)	46.48
	Ferrous metals	193.69
	Steel cans	55.72
	Other/mixed metal	375.80
TOTAL METAL		671.69
PAPER	Books	92.79
	Cardboard	1,194.14
	Magazines	7.95
	Newspapers and inserts	6.30
	Office paper	989.46
	Paperboard	0.65
	Phone books	3.11
	Other/mixed paper	1,426.93
TOTAL PAPER		3,721.33
PLASTIC	HDPE	1.22
	LDPE	2.50
	PET	12.03
	Vinyl	0.10
	Other/mixed plastic	67.79
TOTAL PLASTIC		83.64
MISCELLANEOUS ITEMS * Wood includes furniture, cabinets and pallets. ** Other includes ballasts, compact fluorescent bulbs, medical products, radiology film, high-intensity discharge lamps, VHS tapes.	Antifreeze	1.13
	Carpet	3.56
	Clothing/textiles	0.10
	Construction & demolition debris	2,206.43
	Cooking oil	89.29
	Fluorescent bulbs	25.95
	Food scraps	61.50
	Inkjet/toner cartridges	12.70
	Paint (oil or latex)	5.42
	Rechargeable batteries	3.39
	Used oil filters	1.26
	Wood*	252.07
	Other**	10.46
TOTAL MISCELLANEOUS ITEMS		2,673.26
TOTAL FOR ALL		9,116.52

Waste Reduction Efforts on Campus ...

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

These programs give students an opportunity to donate various items including:

- clothing;
- food;
- furniture;
- appliances;
- books;
- hangers; and
- electronics.

In some cases, the items are held over until the start of the next semester when students can use the items again. For example, bicycles that are collected may be repaired and used by incoming students.

Although some of these waste reduction programs have been in place for a few years, this is the first year the amount of material reused by college/university programs was measured. In FY12, **2,043 tons** were reported as being reused.

Recycling Data:

The State & Counties at a Glance

The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-80 – requires counties or regions to annually report municipal solid waste (MSW) recycling data by commodity and amount to the S.C. Department of Health and Environmental Control. The commodities reported are: glass; metal; paper; plastic; banned items; miscellaneous items; and commingled recyclables. The latter three commodities are defined in Section 4.

Recycling data also was collected for this report from other sources including waste tire processors, electronics recycling vendors, used motor oil collectors, state agencies and colleges/universities as well as businesses and industries. The data reported by these sources was attributed to counties based on population or source.

Once collected, the data is placed into one of three categories based on the source of the material: residential; commercial/institutional; and industrial (office/package). In previous reports, commercial and institutional categories have been reported separately. This year, the categories have been combined to simplify and improve the accuracy of the information. See Section 1 for types and examples of material from each of these sources.

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

by these two sources is inconsistent and harms the state's efforts to accurately measure its recycling efforts. Residential recycling tonnages have accounted for no more than 40 percent of the state's total MSW recycled in each of the past five years. (See Table 7.2.) This means that commercial/institutional and industrial (office/package) sectors constitute a majority of the reported MSW recycling and is subject to significant fluctuations.

South Carolina's MSW recycling rate increased to 29.5 percent in fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012) from 27.7 percent in FY11. In South Carolina, only MSW is used to measure the state's recycling efforts. (See the definition in Section 1.) Overall, the amount of MSW recycled increased about 5 percent from 1,172,768 tons in FY11 to 1,229,100 tons in FY12.

The state's goal is to recycle at least 40 percent of its MSW and reduce MSW per capita disposal to 3.25 pounds (or less) per person per day (p/p/d) by 2020. In FY12, one county – Greenville – had a recycling rate greater than 40 percent. Twenty-nine counties had per capita disposal of 3.25 p/p/d or less. The counties are Abbeville, Aiken, Allendale, Bamberg, Barnwell, Berkeley, Calhoun, Chester, Chesterfield, Clarendon, Colleton, Darlington, Dillon, Dorchester, Edgefield, Hampton, Jasper, Kershaw, Lancaster, Laurens, Lee, Lexington, Marion, Marlboro, McCormick, Pickens, Saluda, Sumter and Williamsburg.

See Table 8.10 on page 94 for a county-by-county comparison of MSW recycling and disposal data.

TABLE 7.1: S.C. MSW Recycling Tonnages

	TONS	+/- IN TONS FROM PREVIOUS FY	CHANGE FROM PREVIOUS FY
FY08			
All MSW	1,084,926	-466,439	-30%
Residential Only	344,740	-47,481	-12%
FY09			
All MSW	912,961	-171,965	-16%
Residential Only	269,511	-75,229	-22%
FY10			
All MSW	1,063,521	+150,560	+16%
Residential Only	421,640	+152,129	+56%
FY11			
All MSW	1,172,768	+109,247	+10%
Residential Only	413,652	-7,988	-2%
FY12			
All MSW	1,229,100	+56,332	+5%
Residential Only	460,588	+46,936	+11%

TABLE 7.2: S.C. Residential Recycling as a Percent of Total MSW Recycled

FY08	FY09	FY10	FY11	FY12
32%	30%	40%	35%	37%

About this Section ...

It is important to note that 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, data may not be available for a particular sector [i.e., residential, commercial/institutional, industrial (office/package)] because material is combined among sectors during collection. In addition, a zero could signify that a specific material (e.g., glass) may have been collected, but not sent to a recycler during the FY.

Disposal and generation data is provided as well as the number of curbside recycling programs and drop-off recycling centers. Curbside programs counted in this section include those where recycling is provided as part of a local government's solid waste services – either directly or through a contractor. Programs that require residents to purchase recycling services from a contractor are not counted.

Drop-off centers counted in this section included staffed and unstaffed sites that collect two or more recyclables. Sites that collected only one commodity (e.g., used motor oil) were not counted.

SOUTH CAROLINA

TABLE 7.3: South Carolina 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)
4,679,230	641	87	29.5	1.4	3.4	4.9	1,229,100	2,935,876

TABLE 7.4: South Carolina MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	1,196.12	1,137.07	0.00	2,333.19
Containers and Packaging – Clear	1,758.60	22.48	217.00	1,998.08
Containers and Packaging – Green	1,216.22	8.97	0.00	1,225.19
Containers and Packaging – Mixed	3,457.54	1,629.62	2.97	5,090.13
TOTAL GLASS	7,628.48	2,798.14	219.97	10,646.59
METAL				
Aluminum Cans	823.59	841.38	109.38	1,774.35
Ferrous, Magnetic	2,804.79	239,006.70	21,461.59	263,273.08
Non-ferrous, Non-magnetic	0.04	16,200.71	834.30	17,035.05
Steel Cans	617.23	96.96	280.32	994.51
Mixed Scrap Metal	11,765.11	22,540.79	6,437.88	40,743.78
TOTAL METAL	16,010.76	278,686.54	29,123.47	323,820.77
PAPER				
Cardboard	32,177.46	206,815.53	43,277.71	282,270.70
Magazines	486.75	42.71	12.82	542.28
Newspapers and Inserts	9,895.63	3,289.02	8.22	13,192.87
Office Paper	13,478.11	20,631.29	1,997.99	36,107.39
Paperboard	155.95	5.34	2.00	163.29
Telephone Books	44.95	86.17	3.54	134.66
Mixed Paper	25,018.71	28,579.79	9,765.41	63,363.91
TOTAL PAPER	81,257.56	259,449.85	55,067.69	395,775.10
PLASTIC				
HDPE	762.66	160.95	49.26	972.87
LDPE	0.00	873.98	302.47	1,176.45
PET	1,836.16	70.38	10.31	1,916.85
PP	0.00	94.65	0.00	94.65
PS	0.00	6.23	0.00	6.23
Commingled PET and HDPE	1,236.72	1,438.47	253.09	2,928.28
Mixed Plastic	971.26	6,607.22	3,537.85	11,116.33
TOTAL PLASTIC	4,806.80	9,251.88	4,152.98	18,211.66
BANNED ITEMS				
Appliances	10,523.05	2,792.14	1,636.91	14,952.10
DIY Used Motor Oil	3,265.00	—	—	3,265.00
Electronics Scrap	7,528.99	1,479.21	249.35	9,257.55
Lead-acid Batteries (car, truck, boat)	2,662.29	8,350.27	87.77	11,100.33
Tires (car, truck)	40,260.54	4,692.77	126.90	45,080.21
Yard Trimmings	212,009.79	33,125.99	0.45	245,136.23
TOTAL BANNED ITEMS	276,249.66	50,440.38	2,101.38	328,791.42
MISCELLANEOUS ITEMS				
Antifreeze	44.40	276.81	323.64	644.85
Cooking Oil	196.72	28,573.18	182.61	28,952.51
Fluorescent Bulbs	50.19	277.45	85.01	412.65
Food Scraps	1614.73	9.91	0.00	1624.64
Hazardous Materials	66.07	0.00	0.00	66.07
Inkjet and Toner Cartridges	6.71	55.68	31.29	93.68
Mattresses	153.17	208.00	0.00	361.17
Paint	84.03	7.89	19.19	111.11
Rechargeable Batteries	6.19	82.84	182.27	271.30
Textiles	325.22	3,440.47	10.00	3,775.69
Used Motor Oil Filters	137.45	634.99	195.55	967.99
Wood Packaging	124.73	10,083.32	18,495.20	28,703.25
Other Items	279.21	1,852.95	1,927.98	4,060.14
TOTAL MISCELLANEOUS ITEMS	3,088.82	45,503.49	21,452.74	70,045.05
COMMINGLED RECYCLABLES				
Commingled Recyclables	71,546.39	10,164.95	98.50	81,809.84
TOTAL COMMINGLED RECYCLABLES	71,546.39	10,164.95	98.50	81,809.84
TOTAL FOR ALL	460,588.47	656,295.23	112,216.73	1,229,100.43

ABBEVILLE COUNTY

TABLE 7.5: Abbeville County 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)
25,161	10	1	15.5	0.4	2.1	2.5	1,744	9,543

TABLE 7.6: Abbeville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	3.24	0.00	0.50	3.74
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	177.89	66.42	10.00	254.31
TOTAL METAL	181.13	66.42	16.00	263.55
PAPER				
Cardboard	131.20	300.37	139.95	571.52
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	8.54	8.54
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	105.04	17.92	0.04	123.00
TOTAL PAPER	236.24	318.29	148.53	703.06
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	3.50	0.00	3.50
PET	19.39	0.00	0.00	19.39
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.41	0.41
Mixed Plastic	0.00	0.34	0.00	0.34
TOTAL PLASTIC	19.39	3.84	0.41	23.64
BANNED ITEMS				
Appliances	0.00	0.08	0.00	0.08
DIY Used Motor Oil	21.00	—	—	21.00
Electronics Scrap	83.50	1.00	0.37	84.87
Lead-acid Batteries (car, truck, boat)	2.91	0.68	0.00	3.59
Tires (car, truck)	277.65	0.00	0.00	277.65
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	385.06	1.76	0.37	387.19
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	47.60	0.54	48.14
Fluorescent Bulbs	0.00	1.05	0.95	2.00
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.07	0.00	0.07
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.23	0.02	0.25
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	2.17	0.42	0.00	2.59
Wood Packaging	0.00	0.52	278.81	279.33
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	2.17	50.32	313.87	366.36
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	823.99	440.63	479.18	1,743.80

AIKEN COUNTY

TABLE 7.7: Aiken County 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)
160,682	12	3	13.8	0.5	3.0	3.5	14,199	88,563

TABLE 7.8: Aiken County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	13.17	1.94	0.00	15.11
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	1,032.01	1.00	0.00	1,033.01
TOTAL METAL	1,045.18	2.94	5.50	1,053.62
PAPER				
Cardboard	877.08	3,433.17	94.12	4,404.37
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	33.39	0.00	0.00	33.39
Office Paper	0.00	2.05	19.05	21.10
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	1,213.27	186.76	0.04	1,400.07
TOTAL PAPER	2,123.74	3,621.98	113.21	5,858.93
PLASTIC				
HDPE	0.00	1.55	0.00	1.55
LDPE	0.00	14.00	0.00	14.00
PET	0.00	0.27	0.00	0.27
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	73.33	92.12	0.00	165.45
TOTAL PLASTIC	73.33	107.94	0.00	181.27
BANNED ITEMS				
Appliances	0.00	75.56	0.00	75.56
DIY Used Motor Oil	141.00	—	—	141.00
Electronics Scrap	236.62	13.26	71.55	321.43
Lead-acid Batteries (car, truck, boat)	124.95	977.90	0.32	1,103.17
Tires (car, truck)	953.45	0.00	0.00	953.45
Yard Trimmings	293.00	0.00	0.00	293.00
TOTAL BANNED ITEMS	1,749.02	1,066.72	71.87	2,887.61
MISCELLANEOUS ITEMS				
Antifreeze	0.00	7.65	11.86	19.51
Cooking Oil	0.00	607.45	0.54	607.99
Fluorescent Bulbs	0.00	10.97	10.24	21.21
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.63	14.35	14.98
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	1.65	147.84	149.49
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	7.18	0.05	7.23
Wood Packaging	0.00	253.02	122.80	375.82
Other Items	0.00	0.00	142.49	142.49
TOTAL MISCELLANEOUS ITEMS	0.00	888.56	450.17	1,338.73
COMMINGLED RECYCLABLES				
Commingled Recyclables	2878.74	0.00	0.00	2878.74
TOTAL COMMINGLED RECYCLABLES	2878.74	0.00	0.00	2878.74
TOTAL FOR ALL	7,870.01	5,688.14	640.75	14,198.90

ALLENDALE COUNTY

TABLE 7.9: Allendale County 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)
10,181	5	0	5.0	0.1	2.2	2.4	217	4,164

TABLE 7.10: Allendale County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.32	0.00	0.00	0.32
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.33	0.00	0.00	0.33
Containers and Packaging – Mixed	1.55	0.00	0.00	1.55
TOTAL GLASS	2.20	0.00	0.00	2.20
METAL				
Aluminum Cans	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	11.06	0.00	0.00	11.06
TOTAL METAL	11.06	0.00	5.50	16.56
PAPER				
Cardboard	0.00	0.00	0.00	0.00
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	0.00	0.00	0.04	0.04
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	1.11	0.00	0.00	1.11
Mixed Plastic	0.00	0.00	0.00	0.00
TOTAL PLASTIC	1.11	0.00	0.00	1.11
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	7.00	—	—	7.00
Electronics Scrap	19.55	0.00	0.00	19.55
Lead-acid Batteries (car, truck, boat)	0.00	0.53	0.00	0.53
Tires (car, truck)	120.12	0.00	0.00	120.12
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	146.67	0.53	0.00	147.20
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	12.25	0.54	12.79
Fluorescent Bulbs	0.00	0.46	0.34	0.80
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	1.48	0.41	0.00	1.89
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	1.48	14.15	34.43	50.06
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	162.52	14.68	39.97	217.17

ANDERSON COUNTY

TABLE 7.11: Anderson County 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)
188,488	20	2	11.7	0.4	3.3	3.8	15,145	114,410

TABLE 7.12: Anderson County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.05	0.03	0.00	0.08
Containers and Packaging – Green	0.00	0.60	0.00	0.60
Containers and Packaging – Mixed	313.46	0.00	0.00	313.46
TOTAL GLASS	313.51	0.63	0.00	314.14
METAL				
Aluminum Cans	19.62	2.72	2.33	24.67
Ferrous, Magnetic	0.00	0.27	0.00	0.27
Non-ferrous, Non-magnetic	0.00	1,598.25	0.00	1,598.25
Steel Cans	6.62	0.00	5.50	12.12
Mixed Scrap Metal	0.07	1.00	75.31	76.38
TOTAL METAL	26.31	1,602.24	83.14	1,711.69
PAPER				
Cardboard	489.57	5,880.79	694.24	7,064.60
Magazines	0.05	0.00	0.00	0.05
Newspapers and Inserts	0.00	23.33	0.00	23.33
Office Paper	99.01	317.01	27.92	443.94
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	1,076.30	75.52	152.43	1,304.25
TOTAL PAPER	1,664.93	6,296.65	874.59	8,836.17
PLASTIC				
HDPE	0.00	12.22	6.54	18.76
LDPE	0.00	28.00	4.59	32.59
PET	0.00	16.46	0.00	16.46
PP	0.00	0.00	0.00	0.00
PS	0.00	0.18	0.00	0.18
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	9.30	66.76	0.00	76.06
TOTAL PLASTIC	9.30	123.62	11.13	144.05
BANNED ITEMS				
Appliances	0.00	39.17	0.00	39.17
DIY Used Motor Oil	129.00	—	—	129.00
Electronics Scrap	51.23	15.67	3.32	70.22
Lead-acid Batteries (car, truck, boat)	71.39	458.79	0.38	530.56
Tires (car, truck)	646.65	22.04	0.00	668.69
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	898.27	535.67	3.70	1,437.64
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	267.62	0.54	268.16
Fluorescent Bulbs	0.00	7.80	1.74	9.54
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.62	0.05	0.67
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	12.50	12.50
Rechargeable Batteries	0.00	0.81	20.01	20.82
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	1.63	0.00	1.63
Wood Packaging	0.00	719.21	2.96	722.17
Other Items	0.05	0.00	29.25	29.30
TOTAL MISCELLANEOUS ITEMS	0.05	998.12	71.35	1,069.52
COMMINGLED RECYCLABLES				
Commingled Recyclables	1,631.69	0.00	0.00	1,631.69
TOTAL COMMINGLED RECYCLABLES	1,631.69	0.00	0.00	1,631.69
TOTAL FOR ALL	4,544.06	9,556.93	1,043.91	15,144.90

BAMBERG COUNTY

TABLE 7.13: Bamberg County 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)
15,975	8	0	9.3	0.3	3.1	3.4	928	9,069

TABLE 7.14: Bamberg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	0.00	0.00	0.00	0.00
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	47.48	0.00	0.00	47.48
TOTAL METAL	47.48	0.00	5.50	52.98
PAPER				
Cardboard	101.20	0.00	0.00	101.20
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	101.20	0.00	0.04	101.24
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	2.65	0.00	0.00	2.65
Mixed Plastic	0.00	0.00	0.00	0.00
TOTAL PLASTIC	2.65	0.00	0.00	2.65
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	17.00	—	—	17.00
Electronics Scrap	39.66	1.37	0.00	41.03
Lead-acid Batteries (car, truck, boat)	0.06	0.53	0.00	0.59
Tires (car, truck)	286.67	0.00	0.00	286.67
Yard Trimmings	352.04	0.00	0.00	352.04
TOTAL BANNED ITEMS	695.43	1.90	0.00	697.33
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	37.74	0.54	38.28
Fluorescent Bulbs	0.00	0.65	0.34	0.99
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.04	0.00	0.04
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.41	0.00	0.41
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.00	39.85	34.43	74.28
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	846.76	41.75	39.97	928.48

BARNWELL COUNTY

TABLE 7.15: Barnwell County 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)
22,385	9	0	11.7	0.4	2.8	3.1	1,492	11,268

TABLE 7.16: Barnwell County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	30.00	0.00	0.00	30.00
TOTAL GLASS	30.00	0.00	0.00	30.00
METAL				
Aluminum Cans	0.88	0.11	0.00	0.99
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	181.00	0.00	0.00	181.00
TOTAL METAL	181.88	0.11	5.50	187.49
PAPER				
Cardboard	255.00	411.51	0.00	666.51
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.49	0.00	0.49
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	170.00	0.60	0.04	170.64
TOTAL PAPER	425.00	412.60	0.04	837.64
PLASTIC				
HDPE	0.00	0.36	0.00	0.36
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.08	0.00	0.08
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	16.00	14.45	0.00	30.45
TOTAL PLASTIC	16.00	14.89	0.00	30.89
BANNED ITEMS				
Appliances	3.67	0.00	0.00	3.67
DIY Used Motor Oil	24.00	—	—	24.00
Electronics Scrap	0.00	4.30	2.09	6.39
Lead-acid Batteries (car, truck, boat)	22.01	2.86	0.00	24.87
Tires (car, truck)	189.12	0.00	0.00	189.12
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	238.80	7.16	2.09	248.05
MISCELLANEOUS ITEMS				
Antifreeze	0.44	0.42	4.30	5.16
Cooking Oil	0.00	118.60	0.54	119.14
Fluorescent Bulbs	0.00	0.85	0.34	1.19
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	1.78	0.41	0.00	2.19
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	2.22	120.89	34.43	157.54
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	893.90	555.65	42.06	1,491.61

BEAUFORT COUNTY

TABLE 7.17: Beaufort County 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)
164,684	11	3	27.2	1.6	4.2	5.7	46,973	125,439

TABLE 7.18: Beaufort County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	199.26	0.00	0.00	199.26
Containers and Packaging – Clear	498.16	0.00	0.00	498.16
Containers and Packaging – Green	298.90	0.00	0.00	298.90
Containers and Packaging – Mixed	1.93	1.65	0.00	3.58
TOTAL GLASS	998.25	1.65	0.00	999.90
METAL				
Aluminum Cans	139.95	144.60	0.00	284.55
Ferrous, Magnetic	665.21	2,408.50	0.00	3,073.71
Non-ferrous, Non-magnetic	0.00	180.30	0.00	180.30
Steel Cans	13.78	0.00	5.50	19.28
Mixed Scrap Metal	0.00	5,805.15	0.00	5,805.15
TOTAL METAL	818.94	8,538.55	5.50	9,362.99
PAPER				
Cardboard	1,676.82	8,906.80	0.00	10,583.62
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	874.10	240.02	0.00	1,114.12
Office Paper	57.50	767.27	0.00	824.77
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	696.33	128.05	0.04	824.42
TOTAL PAPER	3,304.75	10,042.14	0.04	13,346.93
PLASTIC				
HDPE	0.00	4.01	0.00	4.01
LDPE	0.00	28.00	0.00	28.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.82	0.00	0.82
Commingled PET and HDPE	331.39	0.00	0.00	331.39
Mixed Plastic	0.00	62.02	0.00	62.02
TOTAL PLASTIC	331.39	94.85	0.00	426.24
BANNED ITEMS				
Appliances	0.00	220.77	0.00	220.77
DIY Used Motor Oil	90.00	—	—	90.00
Electronics Scrap	520.12	62.24	0.00	582.36
Lead-acid Batteries (car, truck, boat)	103.66	29.84	0.00	133.50
Tires (car, truck)	806.12	398.70	0.00	1,204.82
Yard Trimmings	3,666.00	10,125.00	0.00	13,791.00
TOTAL BANNED ITEMS	5,185.90	10,836.55	0.00	16,022.45
MISCELLANEOUS ITEMS				
Antifreeze	0.00	17.35	4.30	21.65
Cooking Oil	0.00	1,388.74	0.54	1,389.28
Fluorescent Bulbs	0.00	10.45	0.34	10.79
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	22.00	0.00	0.00	22.00
Inkjet and Toner Cartridges	0.00	3.76	0.00	3.76
Mattresses	0.00	96.00	0.00	96.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	4.97	0.00	4.97
Textiles	0.00	192.21	0.00	192.21
Used Motor Oil Filters	2.77	19.39	0.00	22.16
Wood Packaging	0.00	674.93	0.00	674.93
Other Items	0.00	48.35	29.25	77.60
TOTAL MISCELLANEOUS ITEMS	24.77	2,456.15	34.43	2,515.35
COMMINGLED RECYCLABLES				
Commingled Recyclables	4,299.33	0.00	0.00	4,299.33
TOTAL COMMINGLED RECYCLABLES	4,299.33	0.00	0.00	4,299.33
TOTAL FOR ALL	14,963.33	31,969.89	39.97	46,973.19

BERKELEY COUNTY

TABLE 7.19: Berkeley County 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)
183,525	22	2	15.5	0.5	2.6	3.0	15,746	85,986

TABLE 7.20: Berkeley County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	2.00	2.00
TOTAL GLASS	0.00	0.00	2.00	2.00
METAL				
Aluminum Cans	0.00	186.58	49.60	236.18
Ferrous, Magnetic	0.00	2.00	58.73	60.73
Non-ferrous, Non-magnetic	0.00	0.00	480.00	480.00
Steel Cans	0.00	0.00	27.62	27.62
Mixed Scrap Metal	0.00	495.66	211.97	707.63
TOTAL METAL	0.00	684.24	827.92	1,512.16
PAPER				
Cardboard	469.00	4,539.30	2.00	5,010.30
Magazines	0.00	0.10	0.50	0.60
Newspapers and Inserts	0.00	0.10	0.00	0.10
Office Paper	0.00	24.59	2.50	27.09
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	559.00	497.72	0.00	1,056.72
TOTAL PAPER	1,028.00	5,061.81	5.00	6,094.81
PLASTIC				
HDPE	0.00	2.51	4.50	7.01
LDPE	0.00	28.00	0.00	28.00
PET	0.00	0.76	0.00	0.76
PP	0.00	0.00	0.00	0.00
PS	0.00	0.01	0.00	0.01
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	394.85	70.34	465.19
TOTAL PLASTIC	0.00	426.13	74.84	500.97
BANNED ITEMS				
Appliances	0.00	92.21	1,625.00	1,717.21
DIY Used Motor Oil	165.00	—	—	165.00
Electronics Scrap	150.42	51.65	7.92	209.99
Lead-acid Batteries (car, truck, boat)	103.29	18.66	17.13	139.08
Tires (car, truck)	791.21	40.05	99.82	931.08
Yard Trimmings	2,027.00	0.00	0.00	2,027.00
TOTAL BANNED ITEMS	3,236.92	202.57	1,749.87	5,189.36
MISCELLANEOUS ITEMS				
Antifreeze	0.00	10.27	0.25	10.52
Cooking Oil	0.00	278.66	9.40	288.06
Fluorescent Bulbs	0.00	11.82	5.91	17.73
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	2.57	0.70	3.27
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	4.32	4.32
Rechargeable Batteries	0.00	14.48	2.00	16.48
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	0.00	31.57	45.43	77.00
Wood Packaging	0.00	394.12	66.11	460.23
Other Items	0.00	0.00	156.64	156.64
TOTAL MISCELLANEOUS ITEMS	0.00	750.77	290.76	1,041.53
COMMINGLED RECYCLABLES				
Commingled Recyclables	1,108.00	297.00	0.00	1,405.00
TOTAL COMMINGLED RECYCLABLES	1,108.00	297.00	0.00	1,405.00
TOTAL FOR ALL	5,372.92	7,422.52	2,950.39	15,745.83

CALHOUN COUNTY

TABLE 7.21: Calhoun County 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)
15,145	10	0	8.6	0.3	2.8	3.0	717	7,611

TABLE 7.22: Calhoun County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	1.00	0.00	0.00	1.00
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	36.18	0.00	32.66	68.84
TOTAL METAL	37.18	0.00	38.16	75.34
PAPER				
Cardboard	61.28	75.00	91.87	228.15
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.00	19.20	19.20
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	61.28	75.00	111.11	247.39
PLASTIC				
HDPE	1.95	0.00	7.62	9.57
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	0.00	1.92	1.92
TOTAL PLASTIC	1.95	0.00	9.54	11.49
BANNED ITEMS				
Appliances	10.00	0.00	0.00	10.00
DIY Used Motor Oil	20.00	—	—	20.00
Electronics Scrap	15.32	3.30	2.33	20.95
Lead-acid Batteries (car, truck, boat)	0.00	0.53	1.71	2.24
Tires (car, truck)	115.45	0.00	2.40	117.85
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	160.77	3.83	6.44	171.04
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	46.35	0.54	46.89
Fluorescent Bulbs	0.00	0.62	1.89	2.51
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.50	0.56
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.38	0.40
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.99	0.41	0.00	1.40
Wood Packaging	0.00	0.52	125.00	125.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.99	48.41	161.86	211.26
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	262.17	127.24	327.11	716.52

CHARLESTON COUNTY

TABLE 7.23: Charleston County 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)
357,704	48	1	39.3	2.8	4.4	7.2	184,986	285,349

TABLE 7.24: Charleston County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	14.45	1.00	0.00	15.45
TOTAL GLASS	14.45	1.00	0.00	15.45
METAL				
Aluminum Cans	0.00	52.86	0.00	52.86
Ferrous, Magnetic	0.00	31,697.20	3,502.80	35,200.00
Non-ferrous, Non-magnetic	0.00	65.00	54.00	119.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	0.00	457.66	282.49	740.15
TOTAL METAL	0.00	32,272.72	3,844.79	36,117.51
PAPER				
Cardboard	5,634.13	46,021.44	179.88	51,835.45
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	1,615.00	0.00	1,615.00
Office Paper	2.55	17.40	220.17	240.12
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	8,667.31	973.00	0.16	9,640.47
TOTAL PAPER	14,303.99	48,626.84	400.21	63,331.04
PLASTIC				
HDPE	0.00	77.68	2.75	80.43
LDPE	0.00	315.21	0.00	315.21
PET	1.41	33.68	0.00	35.09
PP	0.00	0.00	0.00	0.00
PS	0.00	0.22	0.00	0.22
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	398.21	0.00	398.21
TOTAL PLASTIC	1.41	825.00	2.75	829.16
BANNED ITEMS				
Appliances	574.71	1,013.03	0.00	1,587.74
DIY Used Motor Oil	147.00	—	—	147.00
Electronics Scrap	340.40	123.92	0.55	464.87
Lead-acid Batteries (car, truck, boat)	248.45	1,934.45	6.87	2,189.77
Tires (car, truck)	3,167.44	36.05	0.00	3,203.49
Yard Trimmings	52,847.00	266.00	0.00	53,113.00
TOTAL BANNED ITEMS	57,325.00	3,373.45	7.42	60,705.87
MISCELLANEOUS ITEMS				
Antifreeze	4.69	47.71	4.60	57.00
Cooking Oil	0.00	3,057.21	0.54	3,057.75
Fluorescent Bulbs	4.72	28.37	2.15	35.24
Food Scraps	1,614.73	1.00	0.00	1,615.73
Hazardous Materials	44.07	0.00	0.00	44.07
Inkjet and Toner Cartridges	0.00	7.28	0.04	7.32
Mattresses	0.00	0.00	0.00	0.00
Paint	7.84	0.00	0.00	7.84
Rechargeable Batteries	1.20	21.08	0.03	22.31
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	9.20	359.26	0.00	368.46
Wood Packaging	0.00	744.34	656.56	1,400.90
Other Items	0.00	0.10	32.91	33.01
TOTAL MISCELLANEOUS ITEMS	1,686.45	4,266.36	696.83	6,649.64
COMMINGLED RECYCLABLES				
Commingled Recyclables	13,286.00	4,051.00	0.00	17,337.00
TOTAL COMMINGLED RECYCLABLES	13,286.00	4,051.00	0.00	17,337.00
TOTAL FOR ALL	86,617.30	93,416.37	4,952.00	184,985.67

CHEROKEE COUNTY

TABLE 7.25: Cherokee County 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)
55,540	8	7	11.6	0.7	5.6	6.3	7,407	56,377

TABLE 7.26: Cherokee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	5.90	11.80	0.00	17.70
Containers and Packaging – Clear	9.00	18.00	0.00	27.00
Containers and Packaging – Green	4.00	8.00	0.00	12.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	18.90	37.80	0.00	56.70
METAL				
Aluminum Cans	1.20	2.47	1.10	4.77
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	6.12	12.24	5.50	23.86
Mixed Scrap Metal	50.75	101.50	0.00	152.25
TOTAL METAL	58.07	116.21	6.60	180.88
PAPER				
Cardboard	85.39	3,147.32	304.37	3,537.08
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.07	0.00	0.07
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	167.76	290.59	16.11	474.46
TOTAL PAPER	253.15	3,437.98	320.48	4,011.61
PLASTIC				
HDPE	0.00	0.22	0.00	0.22
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.06	0.00	0.06
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	23.18	0.00	0.00	23.18
Mixed Plastic	0.00	56.63	0.00	56.63
TOTAL PLASTIC	23.18	60.41	0.00	83.59
BANNED ITEMS				
Appliances	50.75	101.50	0.00	152.25
DIY Used Motor Oil	21.00	—	—	21.00
Electronics Scrap	28.68	24.57	0.29	53.54
Lead-acid Batteries (car, truck, boat)	33.96	15.67	0.10	49.73
Tires (car, truck)	871.50	0.00	0.00	871.50
Yard Trimmings	710.90	0.00	0.00	710.90
TOTAL BANNED ITEMS	1,716.79	141.74	0.39	1,858.92
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.72	4.30	5.02
Cooking Oil	0.00	213.61	0.54	214.15
Fluorescent Bulbs	0.00	3.52	0.63	4.15
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.91	0.03	0.94
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.14	0.00	0.14
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	1.60	0.41	0.00	2.01
Wood Packaging	1.50	32.02	918.17	951.69
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	3.10	251.34	952.92	1,207.36
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	8.04	8.04
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	8.04	8.04
TOTAL FOR ALL	2,073.19	4,045.48	1,288.43	7,407.10

CHESTER COUNTY

TABLE 7.27: Chester County 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)
32,916	12	1	8.0	0.3	3.2	3.5	1,657	19,192

TABLE 7.28: Chester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	63.02	0.00	0.00	63.02
TOTAL GLASS	63.02	0.00	0.00	63.02
METAL				
Aluminum Cans	4.00	0.05	0.03	4.08
Ferrous, Magnetic	0.00	0.00	7.74	7.74
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	5.39	0.00	5.50	10.89
Mixed Scrap Metal	129.78	50.00	23.82	203.60
TOTAL METAL	139.17	50.05	37.09	226.31
PAPER				
Cardboard	234.23	353.16	0.00	587.39
Magazines	0.00	0.05	0.00	0.05
Newspapers and Inserts	103.20	0.00	0.00	103.20
Office Paper	3.95	0.39	0.00	4.34
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	341.38	353.60	0.04	695.02
PLASTIC				
HDPE	0.00	0.22	0.00	0.22
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.09	0.00	0.09
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	44.00	7.70	0.00	51.70
TOTAL PLASTIC	44.00	11.51	0.00	55.51
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	29.00	—	—	29.00
Electronics Scrap	24.59	3.72	0.00	28.31
Lead-acid Batteries (car, truck, boat)	10.47	1.60	0.02	12.09
Tires (car, truck)	197.92	0.00	0.00	197.92
Yard Trimmings	144.00	0.00	0.00	144.00
TOTAL BANNED ITEMS	405.98	5.32	0.02	411.32
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	37.46	0.54	38.00
Fluorescent Bulbs	0.00	1.19	0.36	1.55
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.03	0.09
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	1.40	0.41	0.00	1.81
Wood Packaging	0.00	0.82	14.84	15.66
Other Items	0.00	0.00	33.75	33.75
TOTAL MISCELLANEOUS ITEMS	1.40	40.39	53.82	95.61
COMMINGLED RECYCLABLES				
Commingled Recyclables	110.00	0.00	0.00	110.00
TOTAL COMMINGLED RECYCLABLES	110.00	0.00	0.00	110.00
TOTAL FOR ALL	1,104.95	460.87	90.97	1,656.79

CHESTERFIELD COUNTY

TABLE 7.29: Chesterfield County 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)
46,557	7	1	13.2	0.3	1.7	2.0	2,241	14,748

TABLE 7.30: Chesterfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	0.00	0.20	0.50	0.70
Ferrous, Magnetic	0.00	0.00	84.00	84.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	6.00	6.00
Mixed Scrap Metal	86.40	0.00	13.00	99.40
TOTAL METAL	86.40	0.20	103.50	190.10
PAPER				
Cardboard	0.00	504.38	502.86	1,007.24
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	1.74	0.00	1.74
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	0.00	506.12	502.90	1,009.02
PLASTIC				
HDPE	0.00	1.29	1.80	3.09
LDPE	0.00	7.00	67.50	74.50
PET	0.00	0.38	0.50	0.88
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	29.70	0.00	29.70
TOTAL PLASTIC	0.00	38.37	69.80	108.17
BANNED ITEMS				
Appliances	0.00	0.00	5.18	5.18
DIY Used Motor Oil	26.00	—	—	26.00
Electronics Scrap	45.67	14.19	0.00	59.86
Lead-acid Batteries (car, truck, boat)	20.89	2.65	0.03	23.57
Tires (car, truck)	416.73	0.00	0.00	416.73
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	509.29	16.84	5.21	531.34
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	93.80	0.54	94.34
Fluorescent Bulbs	0.00	1.75	2.36	4.11
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.56	0.00	0.56
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.16	0.00	0.16
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	1.76	0.41	0.00	2.17
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	6.80	0.00	29.25	36.05
TOTAL MISCELLANEOUS ITEMS	8.56	97.63	36.45	142.64
COMMINGLED RECYCLABLES				
Commingled Recyclables	259.38	0.00	0.00	259.38
TOTAL COMMINGLED RECYCLABLES	259.38	0.00	0.00	259.38
TOTAL FOR ALL	863.63	659.16	717.86	2,240.65

CLARENDON COUNTY

TABLE 7.31: Clarendon County 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)
34,726	12	0	13.0	0.3	2.3	2.6	2,124	14,240

TABLE 7.32: Clarendon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	52.44	0.00	0.00	52.44
TOTAL GLASS	52.44	0.00	0.00	52.44
METAL				
Aluminum Cans	3.04	0.10	0.00	3.14
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	187.05	0.00	0.00	187.05
TOTAL METAL	190.09	0.10	5.50	195.69
PAPER				
Cardboard	286.73	467.59	0.00	754.32
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.74	0.00	0.74
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	286.73	468.33	0.04	755.10
PLASTIC				
HDPE	0.00	0.59	0.00	0.59
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.20	0.00	0.20
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	177.28	14.35	0.00	191.63
TOTAL PLASTIC	177.28	15.14	0.00	192.42
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	31.00	—	—	31.00
Electronics Scrap	94.18	7.27	0.00	101.45
Lead-acid Batteries (car, truck, boat)	33.29	4.60	0.00	37.89
Tires (car, truck)	422.20	0.00	0.00	422.20
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	580.67	11.87	0.00	592.54
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	145.25	0.54	145.79
Fluorescent Bulbs	7.20	1.64	0.34	9.18
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.61	0.00	0.61
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.46	0.00	0.46
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	2.74	1.62	0.00	4.36
Wood Packaging	0.00	117.32	0.00	117.32
Other Items	23.90	0.00	29.25	53.15
TOTAL MISCELLANEOUS ITEMS	33.84	267.33	34.43	335.60
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,321.05	762.77	39.97	2,123.79

COLLETON COUNTY

TABLE 7.33: Colleton County 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)
38,611	15	1	12.1	0.3	2.4	2.8	2,358	17,191

TABLE 7.34: Colleton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.78	0.00	0.78
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.78	0.00	0.78
METAL				
Aluminum Cans	5.61	0.12	0.00	5.73
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	218.39	0.00	0.00	218.39
TOTAL METAL	224.00	0.12	5.50	229.62
PAPER				
Cardboard	38.27	838.24	0.00	876.51
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	22.68	0.00	0.00	22.68
Office Paper	0.00	1.09	0.00	1.09
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	60.95	839.33	0.04	900.32
PLASTIC				
HDPE	0.00	0.83	0.00	0.83
LDPE	0.00	14.80	0.00	14.80
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.23	0.00	0.23
Mixed Plastic	38.90	34.08	0.00	72.98
TOTAL PLASTIC	38.90	49.94	0.00	88.84
BANNED ITEMS				
Appliances	6.25	0.00	0.00	6.25
DIY Used Motor Oil	38.00	—	—	38.00
Electronics Scrap	118.80	0.00	0.00	118.80
Lead-acid Batteries (car, truck, boat)	56.08	6.17	0.00	62.25
Tires (car, truck)	497.99	56.51	0.00	554.50
Yard Trimmings	0.00	0.02	0.00	0.02
TOTAL BANNED ITEMS	717.12	62.70	0.00	779.82
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	316.24	0.54	316.78
Fluorescent Bulbs	0.00	1.37	0.34	1.71
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.05	0.00	0.05
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	3.65	2.27	0.00	5.92
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	3.65	320.90	34.43	358.98
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,044.62	1,273.77	39.97	2,358.36

DARLINGTON COUNTY

TABLE 7.35: Darlington County 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)
68,299	15	3	14.9	0.5	2.7	3.1	5,794	33,073

TABLE 7.36: Darlington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	4.80	0.16	2.50	7.46
Ferrous, Magnetic	219.23	0.00	0.00	219.23
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	0.00	0.00	0.00	0.00
TOTAL METAL	224.03	0.16	8.00	232.19
PAPER				
Cardboard	427.50	2,552.97	213.02	3,193.49
Magazines	37.85	0.00	0.00	37.85
Newspapers and Inserts	206.83	118.58	0.00	325.41
Office Paper	6.07	2.41	25.17	33.65
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	24.17	0.04	24.21
TOTAL PAPER	678.25	2,698.13	238.23	3,614.61
PLASTIC				
HDPE	12.97	1.15	0.00	14.12
LDPE	0.00	7.00	63.75	70.75
PET	6.07	0.31	3.50	9.88
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	1.13	27.83	0.00	28.96
TOTAL PLASTIC	20.17	36.29	67.25	123.71
BANNED ITEMS				
Appliances	0.00	12.72	0.00	12.72
DIY Used Motor Oil	40.00	—	—	40.00
Electronics Scrap	119.22	21.80	1.69	142.71
Lead-acid Batteries (car, truck, boat)	31.03	4.45	0.00	35.48
Tires (car, truck)	774.37	0.00	10.00	784.37
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	964.62	38.97	11.69	1,015.28
MISCELLANEOUS ITEMS				
Antifreeze	0.53	0.42	4.30	5.25
Cooking Oil	1.00	148.18	0.54	149.72
Fluorescent Bulbs	0.00	2.73	0.34	3.07
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.19	0.25	0.44
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.57	0.00	0.57
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	5.91	1.66	0.00	7.57
Wood Packaging	0.00	230.92	22.50	253.42
Other Items	10.75	0.00	29.25	40.00
TOTAL MISCELLANEOUS ITEMS	18.19	384.68	57.18	460.05
COMMINGLED RECYCLABLES				
Commingled Recyclables	346.70	0.00	1.14	347.84
TOTAL COMMINGLED RECYCLABLES	346.70	0.00	1.14	347.84
TOTAL FOR ALL	2,251.96	3,158.23	383.49	5,793.68

DILLON COUNTY

TABLE 7.37: Dillon County 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)
31,758	15	1	14.5	0.5	3.0	3.4	2,886	17,077

TABLE 7.38: Dillon County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	0.00	0.09	0.00	0.09
Ferrous, Magnetic	0.00	0.00	0.26	0.26
Non-ferrous, Non-magnetic	0.00	0.00	3.12	3.12
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	155.78	0.00	0.00	155.78
TOTAL METAL	155.78	0.09	8.88	164.75
PAPER				
Cardboard	25.16	458.35	78.00	561.51
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	23.32	0.00	0.00	23.32
Office Paper	0.00	0.83	0.00	0.83
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	62.44	62.44
TOTAL PAPER	48.48	459.18	140.44	648.10
PLASTIC				
HDPE	0.00	0.79	0.00	0.79
LDPE	0.00	0.00	0.00	0.00
PET	740.00	0.22	0.00	740.22
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	15.59	0.00	15.59
TOTAL PLASTIC	740.00	16.60	0.00	756.60
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	26.00	—	—	26.00
Electronics Scrap	6.47	0.00	0.00	6.47
Lead-acid Batteries (car, truck, boat)	19.71	2.39	0.00	22.10
Tires (car, truck)	154.47	0.00	0.00	154.47
Yard Trimmings	810.00	0.00	0.00	810.00
TOTAL BANNED ITEMS	1,016.65	2.39	0.00	1,019.04
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.21	4.30	4.51
Cooking Oil	0.00	257.31	0.54	257.85
Fluorescent Bulbs	0.00	1.09	0.84	1.93
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.12	0.00	0.12
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.00	0.00	0.00
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.35	0.00	0.35
Wood Packaging	0.00	0.75	0.00	0.75
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.00	259.84	34.93	294.77
COMMINGLED RECYCLABLES				
Commingled Recyclables	2.70	0.00	0.00	2.70
TOTAL COMMINGLED RECYCLABLES	2.70	0.00	0.00	2.70
TOTAL FOR ALL	1,963.61	738.10	184.25	2,885.96

DORCHESTER COUNTY

TABLE 7.39: Dorchester County 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)
140,892	12	2	30.8	1.1	2.4	3.5	27,748	62,350

TABLE 7.40: Dorchester County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	1.00	0.00	0.00	1.00
Containers and Packaging – Clear	1.00	0.00	0.00	1.00
Containers and Packaging – Green	1.00	0.00	0.00	1.00
Containers and Packaging – Mixed	0.00	0.10	0.00	0.10
TOTAL GLASS	3.00	0.10	0.00	3.10
METAL				
Aluminum Cans	1.50	0.18	2.50	4.18
Ferrous, Magnetic	0.00	12,259.80	1,378.27	13,638.07
Non-ferrous, Non-magnetic	0.00	0.00	25.00	25.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	0.00	2.00	0.00	2.00
TOTAL METAL	1.50	12,261.98	1,411.27	13,674.75
PAPER				
Cardboard	401.53	2,200.07	854.50	3,456.10
Magazines	1.00	0.10	0.00	1.10
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	122.36	0.90	61.00	184.26
Paperboard	1.50	0.00	0.00	1.50
Telephone Books	2.00	0.00	0.00	2.00
Mixed Paper	361.18	168.81	0.04	530.03
TOTAL PAPER	889.57	2,369.88	915.54	4,174.99
PLASTIC				
HDPE	0.00	0.60	0.00	0.60
LDPE	0.00	10.50	0.00	10.50
PET	1.00	0.19	0.00	1.19
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.10	0.00	0.10
Mixed Plastic	0.00	56.67	1.58	58.25
TOTAL PLASTIC	1.00	68.06	1.58	70.64
BANNED ITEMS				
Appliances	472.44	51.51	0.00	523.95
DIY Used Motor Oil	108.00	—	—	108.00
Electronics Scrap	146.24	8.20	0.00	154.44
Lead-acid Batteries (car, truck, boat)	50.24	6.34	0.60	57.18
Tires (car, truck)	873.89	0.00	0.00	873.89
Yard Trimmings	1,035.62	0.00	0.00	1,035.62
TOTAL BANNED ITEMS	2,686.43	66.05	0.60	2,753.08
MISCELLANEOUS ITEMS				
Antifreeze	4.59	0.53	4.30	9.42
Cooking Oil	1.30	632.82	133.54	767.66
Fluorescent Bulbs	0.00	4.67	0.63	5.30
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	1.00	0.60	0.00	1.60
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.65	0.00	0.65
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	5.81	0.41	0.00	6.22
Wood Packaging	0.00	246.45	0.00	246.45
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	12.70	893.41	167.72	1,073.83
COMMINGLED RECYCLABLES				
Commingled Recyclables	1,173.19	4,824.21	0.00	5,997.40
TOTAL COMMINGLED RECYCLABLES	1,173.19	4,824.21	0.00	5,997.40
TOTAL FOR ALL	4,767.39	20,483.69	2,496.71	27,747.79

EDGEFIELD COUNTY

TABLE 7.41: Edgefield County 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)
26,670	8	2	15.2	0.4	2.4	2.8	2,101	11,730

TABLE 7.42: Edgefield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	3.88	6.48	0.00	10.36
Ferrous, Magnetic	138.74	0.00	0.00	138.74
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	0.00	0.00	0.00	0.00
TOTAL METAL	142.62	6.48	5.50	154.60
PAPER				
Cardboard	127.30	555.62	476.12	1,159.04
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	117.71	2.00	0.00	119.71
Office Paper	0.00	1.00	0.00	1.00
Paperboard	0.00	1.00	0.00	1.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	38.96	41.42	0.04	80.42
TOTAL PAPER	283.97	601.04	476.16	1,361.17
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	23.69	0.82	0.00	24.51
Mixed Plastic	0.00	6.54	0.00	6.54
TOTAL PLASTIC	23.69	7.36	0.00	31.05
BANNED ITEMS				
Appliances	34.68	0.08	0.00	34.76
DIY Used Motor Oil	42.00	—	—	42.00
Electronics Scrap	32.36	6.70	0.00	39.06
Lead-acid Batteries (car, truck, boat)	1.40	5.62	0.00	7.02
Tires (car, truck)	196.70	51.42	0.00	248.12
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	307.14	63.82	0.00	370.96
MISCELLANEOUS ITEMS				
Antifreeze	0.00	2.61	4.30	6.91
Cooking Oil	0.00	54.60	0.54	55.14
Fluorescent Bulbs	0.00	1.00	0.34	1.34
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.18	0.00	0.18
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.10	0.00	0.10
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	0.49	0.82	0.00	1.31
Wood Packaging	0.00	24.63	0.00	24.63
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.49	91.22	34.43	126.14
COMMINGLED RECYCLABLES				
Commingled Recyclables	56.70	0.00	0.00	56.70
TOTAL COMMINGLED RECYCLABLES	56.70	0.00	0.00	56.70
TOTAL FOR ALL	814.61	769.92	516.09	2,100.62

FAIRFIELD COUNTY

TABLE 7.43: Fairfield County 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)
23,571	10	0	12.4	0.6	4.4	5.1	2,700	19,098

TABLE 7.44: Fairfield County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	11.03	0.00	0.00	11.03
TOTAL GLASS	11.03	0.00	0.00	11.03
METAL				
Aluminum Cans	2.12	0.03	0.60	2.75
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	166.23	0.00	15.00	181.23
TOTAL METAL	168.35	0.03	21.10	189.48
PAPER				
Cardboard	148.12	334.98	307.93	791.03
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.36	135.50	135.86
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.05	0.05
Mixed Paper	124.67	0.00	0.04	124.71
TOTAL PAPER	272.79	335.34	443.52	1,051.65
PLASTIC				
HDPE	0.00	0.28	0.00	0.28
LDPE	0.00	3.50	0.00	3.50
PET	0.59	0.09	0.00	0.68
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	38.19	0.00	0.00	38.19
Mixed Plastic	0.00	8.21	0.00	8.21
TOTAL PLASTIC	38.78	12.08	0.00	50.86
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	28.00	—	—	28.00
Electronics Scrap	83.63	18.39	0.00	102.02
Lead-acid Batteries (car, truck, boat)	7.27	1.21	2.55	11.03
Tires (car, truck)	490.79	0.00	0.00	490.79
Yard Trimmings	600.00	0.00	0.00	600.00
TOTAL BANNED ITEMS	1,209.69	19.60	2.55	1,231.84
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	7.07	116.82	0.54	124.43
Fluorescent Bulbs	0.00	0.89	1.08	1.97
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.13	0.00	0.13
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.04	0.00	0.04
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	2.88	0.41	0.00	3.29
Wood Packaging	0.00	0.75	0.00	0.75
Other Items	0.00	0.00	29.39	29.39
TOTAL MISCELLANEOUS ITEMS	9.95	119.47	35.31	164.73
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,710.59	486.52	502.48	2,699.59

FLORENCE COUNTY

TABLE 7.45: Florence County 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)
137,862	15	2	23.8	1.3	4.3	5.6	33,393	107,125

TABLE 7.46: Florence County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	11.49	0.31	4.49	16.29
Ferrous, Magnetic	0.00	12,259.80	1,363.44	13,623.24
Non-ferrous, Non-magnetic	0.04	0.00	21.00	21.04
Steel Cans	9.52	0.00	5.50	15.02
Mixed Scrap Metal	0.99	55.15	60.95	117.09
TOTAL METAL	22.04	12,315.26	1,455.38	13,792.68
PAPER				
Cardboard	0.00	5,654.05	44.66	5,698.71
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	289.35	0.00	0.00	289.35
Office Paper	0.00	25.49	3.71	29.20
Paperboard	0.00	0.15	0.00	0.15
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	35.01	15.25	0.64	50.90
TOTAL PAPER	324.36	5,694.94	49.01	6,068.31
PLASTIC				
HDPE	13.33	2.34	0.00	15.67
LDPE	0.00	7.23	0.00	7.23
PET	26.65	0.66	0.00	27.31
PP	0.00	0.00	0.00	0.00
PS	0.00	1.54	0.00	1.54
Commingled PET and HDPE	0.39	0.00	0.00	0.39
Mixed Plastic	0.00	71.36	16.56	87.92
TOTAL PLASTIC	40.37	83.13	16.56	140.06
BANNED ITEMS				
Appliances	1,214.00	59.14	0.00	1,273.14
DIY Used Motor Oil	80.00	—	—	80.00
Electronics Scrap	179.26	21.80	1.39	202.45
Lead-acid Batteries (car, truck, boat)	83.59	10.26	0.33	94.18
Tires (car, truck)	1,222.75	0.00	0.00	1,222.75
Yard Trimmings	7,736.50	0.00	0.00	7,736.50
TOTAL BANNED ITEMS	10,516.10	91.20	1.72	10,609.02
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.65	4.30	4.95
Cooking Oil	2.12	980.19	2.19	984.50
Fluorescent Bulbs	0.00	5.64	1.05	6.69
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.26	0.61	0.00	0.87
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.54	0.25	0.79
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	2.60	0.57	0.25	3.42
Wood Packaging	0.00	392.74	7.46	400.20
Other Items	48.70	0.00	29.25	77.95
TOTAL MISCELLANEOUS ITEMS	53.68	1,388.22	44.75	1,486.65
COMMINGLED RECYCLABLES				
Commingled Recyclables	1,295.79	0.00	0.00	1,295.79
TOTAL COMMINGLED RECYCLABLES	1,295.79	0.00	0.00	1,295.79
TOTAL FOR ALL	12,252.34	19,572.75	1,567.42	33,392.51

GEORGETOWN COUNTY

TABLE 7.47: Georgetown County 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)
59,991	14	1	16.9	0.9	4.3	5.1	9,476	46,544

TABLE 7.48: Georgetown County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	43.95	0.00	0.00	43.95
Containers and Packaging – Clear	51.83	0.00	0.00	51.83
Containers and Packaging – Green	43.28	0.00	0.00	43.28
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	139.06	0.00	0.00	139.06
METAL				
Aluminum Cans	4.02	0.10	0.00	4.12
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	196.02	0.00	972.63	1,168.65
TOTAL METAL	200.04	0.10	978.13	1,178.27
PAPER				
Cardboard	618.51	1,287.84	0.00	1,906.35
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	440.85	0.00	0.00	440.85
Office Paper	19.06	1.16	0.00	20.22
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	4.40	0.00	0.04	4.44
TOTAL PAPER	1,082.82	1,289.00	0.04	2,371.86
PLASTIC				
HDPE	44.97	0.99	0.00	45.96
LDPE	0.00	3.50	0.00	3.50
PET	62.17	0.27	0.00	62.44
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	30.79	0.00	30.79
TOTAL PLASTIC	107.14	35.55	0.00	142.69
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	62.00	—	—	62.00
Electronics Scrap	99.79	0.00	0.00	99.79
Lead-acid Batteries (car, truck, boat)	56.02	6.20	0.59	62.81
Tires (car, truck)	771.60	0.00	0.00	771.60
Yard Trimmings	3,324.25	726.38	0.00	4,050.63
TOTAL BANNED ITEMS	4,313.66	732.58	0.59	5,046.83
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	3.98	425.78	0.54	430.30
Fluorescent Bulbs	0.00	2.45	1.35	3.80
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.18	0.00	0.18
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.49	0.02	0.51
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.79	3.39	0.00	4.18
Wood Packaging	0.00	117.55	0.00	117.55
Other Items	6.70	0.00	29.25	35.95
TOTAL MISCELLANEOUS ITEMS	11.47	550.27	35.46	597.20
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	5,854.19	2,607.50	1,014.22	9,475.91

GREENVILLE COUNTY

TABLE 7.49: Greenville County 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)
461,299	25	6	41.8	2.5	3.4	5.9	207,439	288,638

TABLE 7.50: Greenville County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	1,124.00	0.00	1,124.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	290.40	1,601.00	0.00	1,891.40
TOTAL GLASS	290.40	2,725.00	0.00	3,015.40
METAL				
Aluminum Cans	4.60	35.04	2.41	42.05
Ferrous, Magnetic	0.00	43,787.49	4,980.00	48,767.49
Non-ferrous, Non-magnetic	0.00	1,056.72	95.30	1,152.02
Steel Cans	0.00	48.82	5.50	54.32
Mixed Scrap Metal	30.30	11.09	438.09	479.48
TOTAL METAL	34.90	44,939.16	5,521.30	50,495.36
PAPER				
Cardboard	568.20	29,030.61	1,219.39	30,818.20
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	27.65	14,911.27	3.55	14,942.47
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	2,391.90	23,252.52	73.04	25,717.46
TOTAL PAPER	2,987.75	67,194.40	1,295.98	71,478.13
PLASTIC				
HDPE	0.00	1.81	8.80	10.61
LDPE	0.00	0.99	0.00	0.99
PET	0.00	2.96	0.00	2.96
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	1,423.25	0.70	1,423.95
Mixed Plastic	22.80	1,932.92	23.50	1,979.22
TOTAL PLASTIC	22.80	3,361.93	33.00	3,417.73
BANNED ITEMS				
Appliances	970.00	172.42	0.00	1,142.42
DIY Used Motor Oil	175.00	—	—	175.00
Electronics Scrap	558.85	237.58	11.35	807.78
Lead-acid Batteries (car, truck, boat)	185.26	972.41	7.03	1,164.70
Tires (car, truck)	6,438.82	2,817.05	1.10	9,256.97
Yard Trimmings	51,122.00	0.00	0.20	51,122.20
TOTAL BANNED ITEMS	59,449.93	4,199.46	19.68	63,669.07
MISCELLANEOUS ITEMS				
Antifreeze	7.00	64.16	4.40	75.56
Cooking Oil	11.20	1,332.01	1.00	1,344.21
Fluorescent Bulbs	26.00	28.05	4.67	58.72
Food Scraps	0.00	6.29	0.00	6.29
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	3.09	4.96	0.80	8.85
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	1.24	0.20	1.44
Rechargeable Batteries	1.20	4.68	0.36	6.24
Textiles	64.00	509.78	0.00	573.78
Used Motor Oil Filters	6.00	41.19	64.94	112.13
Wood Packaging	0.00	1,390.78	2,291.54	3,682.32
Other Items	9.80	1,784.29	51.13	1,845.22
TOTAL MISCELLANEOUS ITEMS	128.29	5,167.43	2,419.04	7,714.76
COMMINGLED RECYCLABLES				
Commingled Recyclables	7,648.28	0.00	0.00	7,648.28
TOTAL COMMINGLED RECYCLABLES	7,648.28	0.00	0.00	7,648.28
TOTAL FOR ALL	70,562.35	127,587.38	9,289.00	207,438.73

GREENWOOD COUNTY

TABLE 7.51: Greenwood County 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)
69,835	9	4	33.0	2.2	4.4	6.6	27,812	56,466

TABLE 7.52: Greenwood County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	20.71	0.00	0.00	20.71
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	20.71	0.00	0.00	20.71
METAL				
Aluminum Cans	23.80	2.85	3.48	30.13
Ferrous, Magnetic	0.00	5,266.20	596.56	5,862.76
Non-ferrous, Non-magnetic	0.00	270.00	9.00	279.00
Steel Cans	38.07	5.00	5.50	48.57
Mixed Scrap Metal	0.00	4,425.00	51.42	4,476.42
TOTAL METAL	61.87	9,969.05	665.96	10,696.88
PAPER				
Cardboard	765.16	4,238.49	3,646.98	8,650.63
Magazines	0.00	0.00	0.55	0.55
Newspapers and Inserts	375.77	0.00	0.18	375.95
Office Paper	136.96	0.70	83.14	220.80
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.15	0.15
Mixed Paper	418.37	89.09	712.04	1,219.50
TOTAL PAPER	1,696.26	4,328.28	4,443.04	10,467.58
PLASTIC				
HDPE	13.67	0.85	0.00	14.52
LDPE	0.00	25.04	0.00	25.04
PET	115.01	0.00	0.00	115.01
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	53.96	0.45	0.00	54.41
Mixed Plastic	0.91	314.33	2.24	317.48
TOTAL PLASTIC	183.55	340.67	2.24	526.46
BANNED ITEMS				
Appliances	0.00	55.57	0.00	55.57
DIY Used Motor Oil	36.00	—	—	36.00
Electronics Scrap	119.07	21.43	13.16	153.66
Lead-acid Batteries (car, truck, boat)	24.27	69.15	10.61	104.03
Tires (car, truck)	1,041.36	0.00	0.10	1,041.46
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	1,220.70	146.15	23.87	1,390.72
MISCELLANEOUS ITEMS				
Antifreeze	0.88	0.45	4.30	5.63
Cooking Oil	1.32	1,254.30	0.54	1,256.16
Fluorescent Bulbs	0.00	3.96	3.15	7.11
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	3.17	0.03	3.20
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	1.17	0.00	1.17
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	2.07	0.45	0.00	2.52
Wood Packaging	0.00	192.84	3,202.69	3,395.53
Other Items	8.90	0.00	29.25	38.15
TOTAL MISCELLANEOUS ITEMS	13.17	1,456.35	3,239.96	4,709.48
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	3,196.26	16,240.50	8,375.07	27,811.83

HAMPTON COUNTY

TABLE 7.53: Hampton County 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)
20,821	10	0	24.8	1.0	2.9	3.8	3,610	10,948

TABLE 7.54: Hampton County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	71.25	0.00	0.00	71.25
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	71.25	0.00	0.00	71.25
METAL				
Aluminum Cans	0.00	0.10	0.00	0.10
Ferrous, Magnetic	0.00	48.66	0.00	48.66
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	192.45	653.00	0.00	845.45
TOTAL METAL	192.45	701.76	5.50	899.71
PAPER				
Cardboard	44.48	148.00	0.00	192.48
Magazines	17.65	0.00	0.00	17.65
Newspapers and Inserts	34.80	0.00	0.00	34.80
Office Paper	14.93	192.00	0.00	206.93
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.94	0.00	0.04	0.98
TOTAL PAPER	112.80	340.00	0.04	452.84
PLASTIC				
HDPE	24.09	0.00	0.00	24.09
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	1.43	0.00	0.00	1.43
Mixed Plastic	0.00	2.65	0.00	2.65
TOTAL PLASTIC	25.52	6.15	0.00	31.67
BANNED ITEMS				
Appliances	27.49	0.00	0.00	27.49
DIY Used Motor Oil	20.00	—	—	20.00
Electronics Scrap	54.77	0.00	0.00	54.77
Lead-acid Batteries (car, truck, boat)	3.57	6.53	0.00	10.10
Tires (car, truck)	366.64	0.00	0.00	366.64
Yard Trimmings	1,524.67	0.00	0.00	1,524.67
TOTAL BANNED ITEMS	1,997.14	6.53	0.00	2,003.67
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	75.53	0.54	76.07
Fluorescent Bulbs	0.00	0.80	0.37	1.17
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.79	0.41	0.00	1.20
Wood Packaging	6.71	31.51	0.00	38.22
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	7.50	108.76	34.46	150.72
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,406.66	1,163.20	40.00	3,609.86

HORRY COUNTY

TABLE 7.55: Horry County 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)
276,340	28	5	30.6	1.9	4.4	6.4	98,002	222,363

TABLE 7.56: Horry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.41	0.00	0.41
Containers and Packaging – Green	0.00	0.35	0.00	0.35
Containers and Packaging – Mixed	1,893.23	0.00	0.00	1,893.23
TOTAL GLASS	1,893.23	0.76	0.00	1,893.99
METAL				
Aluminum Cans	160.60	229.27	3.50	393.37
Ferrous, Magnetic	0.00	4,303.12	0.00	4,303.12
Non-ferrous, Non-magnetic	0.00	873.70	0.00	873.70
Steel Cans	339.45	5.80	3.00	348.25
Mixed Scrap Metal	2,597.75	7,522.85	3.00	10,123.60
TOTAL METAL	3,097.80	12,934.74	9.50	16,042.04
PAPER				
Cardboard	7,382.69	8,574.34	454.00	16,411.03
Magazines	0.00	30.25	1.50	31.75
Newspapers and Inserts	4,414.63	3.00	2.00	4,419.63
Office Paper	644.68	714.99	25.18	1,384.85
Paperboard	0.00	1.00	0.00	1.00
Telephone Books	0.00	70.00	0.00	70.00
Mixed Paper	0.00	236.26	8.50	244.76
TOTAL PAPER	12,442.00	9,629.84	491.18	22,563.02
PLASTIC				
HDPE	351.09	11.18	1.00	363.27
LDPE	0.00	151.31	0.00	151.31
PET	570.85	2.89	0.00	573.74
PP	0.00	28.65	0.00	28.65
PS	0.00	3.38	0.00	3.38
Commingled PET and HDPE	0.00	1.12	0.00	1.12
Mixed Plastic	190.83	94.64	2.00	287.47
TOTAL PLASTIC	1,112.77	293.17	3.00	1,408.94
BANNED ITEMS				
Appliances	0.00	421.98	0.00	421.98
DIY Used Motor Oil	195.00	—	—	195.00
Electronics Scrap	887.77	83.88	3.43	975.08
Lead-acid Batteries (car, truck, boat)	215.11	1,480.28	1.19	1,696.58
Tires (car, truck)	3,410.22	886.43	0.00	4,296.65
Yard Trimmings	25,386.00	15,646.09	0.00	41,032.09
TOTAL BANNED ITEMS	30,094.10	18,518.66	4.62	48,617.38
MISCELLANEOUS ITEMS				
Antifreeze	1.00	80.12	0.00	81.12
Cooking Oil	40.35	3,357.33	0.00	3,397.68
Fluorescent Bulbs	0.32	22.35	4.02	26.69
Food Scraps	0.00	2.60	0.00	2.60
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	4.84	1.08	5.92
Mattresses	59.24	112.00	0.00	171.24
Paint	0.00	0.30	1.26	1.56
Rechargeable Batteries	0.48	4.87	1.21	6.56
Textiles	0.00	2,656.11	0.00	2,656.11
Used Motor Oil Filters	0.00	128.65	0.00	128.65
Wood Packaging	0.00	923.07	75.17	998.24
Other Items	0.00	0.00	0.00	0.00
TOTAL MISCELLANEOUS ITEMS	101.39	7,292.24	82.74	7,476.37
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	48,741.29	48,669.41	591.04	98,001.74

JASPER COUNTY

TABLE 7.57: Jasper County 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)
25,195	6	2	12.5	0.4	2.6	2.9	1,689	11,788

TABLE 7.58: Jasper County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	42.23	0.00	0.00	42.23
TOTAL GLASS	42.23	0.00	0.00	42.23
METAL				
Aluminum Cans	0.22	0.00	0.00	0.22
Ferrous, Magnetic	2.32	0.00	0.00	2.32
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	176.65	1.00	0.00	177.65
TOTAL METAL	179.19	1.00	5.50	185.69
PAPER				
Cardboard	133.58	703.73	0.00	837.31
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	39.14	0.00	0.00	39.14
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	1.00	0.04	1.04
TOTAL PAPER	172.72	704.73	0.04	877.49
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	26.78	6.65	0.00	33.43
TOTAL PLASTIC	26.78	6.65	0.00	33.43
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	23.00	—	—	23.00
Electronics Scrap	96.83	0.00	0.00	96.83
Lead-acid Batteries (car, truck, boat)	50.48	5.44	0.00	55.92
Tires (car, truck)	276.07	0.00	0.00	276.07
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	446.38	5.44	0.00	451.82
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	61.72	0.54	62.26
Fluorescent Bulbs	0.00	0.94	0.34	1.28
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.06	0.00	0.06
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.41	0.00	0.41
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.00	64.14	34.43	98.57
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	867.30	781.96	39.97	1,689.23

KERSHAW COUNTY

TABLE 7.59: Kershaw County 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)
62,273	11	1	27.7	0.9	2.4	3.4	10,565	27,626

TABLE 7.60: Kershaw County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	189.38	0.00	0.00	189.38
TOTAL GLASS	189.38	0.00	0.00	189.38
METAL				
Aluminum Cans	8.00	0.16	0.06	8.22
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	21.00	0.00	0.00	21.00
TOTAL METAL	29.00	0.16	5.56	34.72
PAPER				
Cardboard	181.68	4,125.85	291.40	4,598.93
Magazines	0.00	0.00	0.55	0.55
Newspapers and Inserts	180.00	0.00	0.00	180.00
Office Paper	7.00	1.35	0.35	8.70
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	24.59	24.59
TOTAL PAPER	368.68	4,127.20	316.89	4,812.77
PLASTIC				
HDPE	0.00	1.11	3.11	4.22
LDPE	0.00	0.00	19.63	19.63
PET	2.94	0.39	0.15	3.48
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	66.62	0.00	0.00	66.62
Mixed Plastic	0.00	82.04	2.21	84.25
TOTAL PLASTIC	69.56	83.54	25.10	178.20
BANNED ITEMS				
Appliances	100.00	22.30	0.00	122.30
DIY Used Motor Oil	82.00	—	—	82.00
Electronics Scrap	133.99	22.52	0.48	156.99
Lead-acid Batteries (car, truck, boat)	56.87	6.12	0.00	62.99
Tires (car, truck)	445.02	0.00	0.00	445.02
Yard Trimmings	4,100.00	0.00	0.00	4,100.00
TOTAL BANNED ITEMS	4,917.88	50.94	0.48	4,969.30
MISCELLANEOUS ITEMS				
Antifreeze	0.90	0.53	4.30	5.73
Cooking Oil	0.00	129.19	0.54	129.73
Fluorescent Bulbs	0.00	2.14	0.34	2.48
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.17	0.01	0.18
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.28	0.00	0.28
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	0.01	0.41	0.00	0.42
Wood Packaging	0.00	157.02	47.97	204.99
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.91	297.02	82.41	380.34
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	5,575.41	4,558.86	430.44	10,564.71

LANCASTER COUNTY

TABLE 7.61: Lancaster County 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)
77,908	13	1	28.3	0.8	2.1	2.9	11,708	29,697

TABLE 7.62: Lancaster County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	56.24	0.00	0.00	56.24
Containers and Packaging – Clear	55.19	0.00	0.00	55.19
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	111.43	0.00	0.00	111.43
METAL				
Aluminum Cans	7.31	0.08	0.02	7.41
Ferrous, Magnetic	0.00	0.00	279.52	279.52
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	163.78	0.00	0.00	163.78
TOTAL METAL	171.09	0.08	285.04	456.21
PAPER				
Cardboard	303.14	3,992.76	486.21	4,782.11
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	187.08	0.00	0.00	187.08
Office Paper	4.90	0.82	166.31	172.03
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	4.32	0.00	0.00	4.32
Mixed Paper	4.03	0.00	34.09	38.12
TOTAL PAPER	503.47	3,993.58	686.61	5,183.66
PLASTIC				
HDPE	0.00	0.65	0.00	0.65
LDPE	0.00	7.00	0.00	7.00
PET	0.00	0.21	0.00	0.21
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	41.53	0.00	0.00	41.53
Mixed Plastic	0.00	21.86	0.00	21.86
TOTAL PLASTIC	41.53	29.72	0.00	71.25
BANNED ITEMS				
Appliances	0.00	5.30	0.00	5.30
DIY Used Motor Oil	95.00	—	—	95.00
Electronics Scrap	56.53	0.00	0.00	56.53
Lead-acid Batteries (car, truck, boat)	49.96	6.07	0.00	56.03
Tires (car, truck)	856.75	0.00	0.00	856.75
Yard Trimmings	3,749.70	0.00	0.00	3,749.70
TOTAL BANNED ITEMS	4,807.94	11.37	0.00	4,819.31
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	106.11	0.54	106.65
Fluorescent Bulbs	0.00	3.06	0.67	3.73
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.13	0.00	0.13
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.09	0.09
Rechargeable Batteries	0.00	0.64	0.00	0.64
Textiles	0.00	3.87	0.00	3.87
Used Motor Oil Filters	5.85	0.41	0.00	6.26
Wood Packaging	0.00	276.84	597.72	874.56
Other Items	0.00	0.00	34.33	34.33
TOTAL MISCELLANEOUS ITEMS	5.85	391.48	637.65	1,034.98
COMMINGLED RECYCLABLES				
Commingled Recyclables	31.54	0.00	0.00	31.54
TOTAL COMMINGLED RECYCLABLES	31.54	0.00	0.00	31.54
TOTAL FOR ALL	5,672.85	4,426.23	1,609.30	11,708.38

LAURENS COUNTY

TABLE 7.63: Laurens County 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)
66,528	12	0	23.2	0.8	2.8	3.7	10,299	34,118

TABLE 7.64: Laurens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	15.47	0.25	0.00	15.72
Containers and Packaging – Clear	20.64	0.25	0.00	20.89
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.50	0.00	0.50
TOTAL GLASS	36.11	1.00	0.00	37.11
METAL				
Aluminum Cans	4.29	3.15	0.00	7.44
Ferrous, Magnetic	0.00	5,660.64	583.80	6,244.44
Non-ferrous, Non-magnetic	0.00	536.24	9.00	545.24
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	0.00	0.10	0.00	0.10
TOTAL METAL	4.29	6,200.13	598.30	6,802.72
PAPER				
Cardboard	224.82	1,506.13	196.61	1,927.56
Magazines	0.00	2.00	0.00	2.00
Newspapers and Inserts	0.00	78.50	0.00	78.50
Office Paper	0.00	8.61	3.18	11.79
Paperboard	0.00	0.20	0.00	0.20
Telephone Books	0.00	0.21	0.00	0.21
Mixed Paper	129.57	130.99	3.91	264.47
TOTAL PAPER	354.39	1,726.64	203.70	2,284.73
PLASTIC				
HDPE	0.00	2.18	0.00	2.18
LDPE	0.00	7.00	0.00	7.00
PET	0.00	0.12	0.00	0.12
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	1.87	1.75	0.00	3.62
Mixed Plastic	10.78	17.37	19.24	47.39
TOTAL PLASTIC	12.65	28.42	19.24	60.31
BANNED ITEMS				
Appliances	46.31	0.08	0.00	46.39
DIY Used Motor Oil	28.00	—	—	28.00
Electronics Scrap	149.72	5.97	1.10	156.79
Lead-acid Batteries (car, truck, boat)	19.98	2.49	0.00	22.47
Tires (car, truck)	437.63	1.00	0.00	438.63
Yard Trimmings	63.03	0.50	0.00	63.53
TOTAL BANNED ITEMS	744.67	10.04	1.10	755.81
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	108.17	0.54	108.71
Fluorescent Bulbs	0.00	2.31	0.72	3.03
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.35	0.00	0.35
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.48	0.00	0.48
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.42	0.00	0.42
Wood Packaging	0.00	4.52	87.41	91.93
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.00	116.68	122.22	238.90
COMMINGLED RECYCLABLES				
Commingled Recyclables	119.06	0.00	0.00	119.06
TOTAL COMMINGLED RECYCLABLES	119.06	0.00	0.00	119.06
TOTAL FOR ALL	1,271.17	8,082.91	944.56	10,298.64

LEE COUNTY

TABLE 7.65: Lee County 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)
18,976	9	0	30.5	1.2	2.8	4.1	4,317	9,848

TABLE 7.66: Lee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	3.80	0.00	0.00	3.80
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	3.80	0.00	5.50	9.30
Mixed Scrap Metal	183.00	0.00	0.00	183.00
TOTAL METAL	190.60	0.00	5.50	196.10
PAPER				
Cardboard	0.00	1,710.50	0.00	1,710.50
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	10.55	0.00	0.00	10.55
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	17.50	0.00	0.04	17.54
TOTAL PAPER	28.05	1,710.50	0.04	1,738.59
PLASTIC				
HDPE	1.66	0.00	0.00	1.66
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	6.80	0.00	0.00	6.80
Mixed Plastic	0.00	2.65	0.00	2.65
TOTAL PLASTIC	8.46	2.65	0.00	11.11
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	7.00	—	—	7.00
Electronics Scrap	29.20	0.00	1.43	30.63
Lead-acid Batteries (car, truck, boat)	0.00	0.53	0.00	0.53
Tires (car, truck)	243.75	0.00	0.00	243.75
Yard Trimmings	2,033.89	0.00	0.00	2,033.89
TOTAL BANNED ITEMS	2,313.84	0.53	1.43	2,315.80
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	14.51	0.54	15.05
Fluorescent Bulbs	0.00	0.74	0.34	1.08
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.04	0.00	0.04
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	3.40	0.41	0.00	3.81
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	3.40	16.71	34.43	54.54
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.60	0.00	0.00	0.60
TOTAL COMMINGLED RECYCLABLES	0.60	0.00	0.00	0.60
TOTAL FOR ALL	2,544.95	1,730.39	41.40	4,316.74

LEXINGTON COUNTY

TABLE 7.67: Lexington County 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)
267,129	12	6	39.1	1.8	2.9	4.7	89,571	139,471

TABLE 7.68: Lexington County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	143.99	0.00	0.00	143.99
Containers and Packaging – Clear	179.48	0.00	0.00	179.48
Containers and Packaging – Green	122.92	0.00	0.00	122.92
Containers and Packaging – Mixed	27.17	0.00	0.00	27.17
TOTAL GLASS	473.56	0.00	0.00	473.56
METAL				
Aluminum Cans	33.32	2.23	3.31	38.86
Ferrous, Magnetic	0.00	48,650.00	57.18	48,707.18
Non-ferrous, Non-magnetic	0.00	1,708.00	17.00	1,725.00
Steel Cans	7.20	0.00	5.50	12.70
Mixed Scrap Metal	573.93	2,321.00	6.50	2,901.43
TOTAL METAL	614.45	52,681.23	89.49	53,385.17
PAPER				
Cardboard	795.13	7,516.16	2,068.81	10,380.10
Magazines	0.00	0.00	2.44	2.44
Newspapers and Inserts	71.98	0.00	3.51	75.49
Office Paper	94.99	444.68	316.67	856.34
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	29.00	0.00	0.00	29.00
Mixed Paper	836.80	44.71	35.37	916.88
TOTAL PAPER	1,827.90	8,005.55	2,426.80	12,260.25
PLASTIC				
HDPE	44.74	14.43	0.00	59.17
LDPE	0.00	44.99	0.00	44.99
PET	1.50	2.53	0.00	4.03
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	217.04	0.00	0.00	217.04
Mixed Plastic	0.00	223.99	886.02	1,110.01
TOTAL PLASTIC	263.28	285.94	886.02	1,435.24
BANNED ITEMS				
Appliances	1,222.41	3.86	0.00	1,226.27
DIY Used Motor Oil	322.00	—	—	322.00
Electronics Scrap	300.84	21.87	26.81	349.52
Lead-acid Batteries (car, truck, boat)	182.82	17.36	4.96	205.14
Tires (car, truck)	1,371.74	0.00	9.48	1,381.22
Yard Trimmings	3,554.60	6,350.00	0.00	9,904.60
TOTAL BANNED ITEMS	6,954.41	6,393.09	41.25	13,388.75
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.68	5.10	5.78
Cooking Oil	0.00	1,206.65	12.89	1,219.54
Fluorescent Bulbs	0.00	11.06	1.46	12.52
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	1.77	1.35	3.12
Mattresses	38.93	0.00	0.00	38.93
Paint	0.00	0.25	0.00	0.25
Rechargeable Batteries	0.00	3.24	0.00	3.24
Textiles	30.96	7.28	0.00	38.24
Used Motor Oil Filters	22.82	0.41	2.00	25.23
Wood Packaging	0.00	487.40	1,137.38	1,624.78
Other Items	25.44	0.00	82.90	108.34
TOTAL MISCELLANEOUS ITEMS	118.15	1,718.74	1,243.08	3,079.97
COMMINGLED RECYCLABLES				
Commingled Recyclables	5,524.31	23.50	0.00	5,547.81
TOTAL COMMINGLED RECYCLABLES	5,524.31	23.50	0.00	5,547.81
TOTAL FOR ALL	15,776.06	69,108.05	4,686.64	89,570.75

MARION COUNTY

TABLE 7.69: Marion County 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)
32,846	4	0	33.6	0.7	1.4	2.1	4,157	8,213

TABLE 7.70: Marion County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	0.00	0.12	0.00	0.12
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	37.21	0.00	0.80	38.01
TOTAL METAL	37.21	0.12	6.30	43.63
PAPER				
Cardboard	21.60	1,976.54	441.55	2,439.69
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	1.07	0.00	1.07
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.02	4.04	4.06
TOTAL PAPER	21.60	1,977.63	445.59	2,444.82
PLASTIC				
HDPE	0.00	0.80	0.00	0.80
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.25	0.00	0.25
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	24.92	0.00	24.92
TOTAL PLASTIC	0.00	25.97	0.00	25.97
BANNED ITEMS				
Appliances	0.00	0.08	0.00	0.08
DIY Used Motor Oil	17.00	—	—	17.00
Electronics Scrap	24.30	0.00	0.50	24.80
Lead-acid Batteries (car, truck, boat)	25.70	303.49	0.00	329.19
Tires (car, truck)	283.28	0.00	0.00	283.28
Yard Trimmings	778.00	0.00	0.00	778.00
TOTAL BANNED ITEMS	1,128.28	303.57	0.50	1,432.35
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.67	4.30	4.97
Cooking Oil	0.00	149.26	0.54	149.80
Fluorescent Bulbs	0.00	1.20	0.34	1.54
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.07	0.00	0.07
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.10	0.25	0.35
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.20	10.42	0.00	10.62
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.20	162.25	34.68	197.13
COMMINGLED RECYCLABLES				
Commingled Recyclables	12.90	0.00	0.00	12.90
TOTAL COMMINGLED RECYCLABLES	12.90	0.00	0.00	12.90
TOTAL FOR ALL	1,200.19	2,469.54	487.07	4,156.80

MARLBORO COUNTY

TABLE 7.71: Marlboro County 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)
28,509	5	0	30.5	1.0	2.4	3.4	5,356	12,219

TABLE 7.72: Marlboro County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	3.15	23.40	0.00	26.55
Ferrous, Magnetic	0.00	1,057.95	0.24	1,058.19
Non-ferrous, Non-magnetic	0.00	248.40	2.88	251.28
Steel Cans	0.00	22.95	5.50	28.45
Mixed Scrap Metal	89.29	450.00	0.00	539.29
TOTAL METAL	92.44	1,802.70	8.62	1,903.76
PAPER				
Cardboard	0.00	223.00	433.00	656.00
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	9.80	0.00	0.00	9.80
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	0.00	0.00	57.64	57.64
TOTAL PAPER	9.80	223.00	490.64	723.44
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	3.33	0.00	0.00	3.33
Mixed Plastic	0.00	2.65	0.00	2.65
TOTAL PLASTIC	3.33	6.15	0.00	9.48
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	13.00	—	—	13.00
Electronics Scrap	0.00	0.00	2.08	2.08
Lead-acid Batteries (car, truck, boat)	0.00	0.53	0.00	0.53
Tires (car, truck)	190.12	0.00	0.00	190.12
Yard Trimmings	2,400.00	0.00	0.00	2,400.00
TOTAL BANNED ITEMS	2,603.12	0.53	2.08	2,605.73
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	75.31	0.54	75.85
Fluorescent Bulbs	0.00	1.05	0.34	1.39
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.56	0.00	0.56
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.60	0.41	0.00	1.01
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.60	78.30	34.43	113.33
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	2,709.29	2,110.68	535.77	5,355.74

McCORMICK COUNTY

TABLE 7.73: McCormick County 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)
10,035	4	0	12.9	0.3	2.2	2.5	603	4,060

TABLE 7.74: McCormick County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	1.65	2.42	0.00	4.07
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	63.07	0.00	0.00	63.07
TOTAL METAL	64.72	2.42	5.50	72.64
PAPER				
Cardboard	40.18	144.69	7.01	191.88
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	34.91	16.36	0.00	51.27
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	38.75	12.99	0.04	51.78
TOTAL PAPER	113.84	174.04	7.05	294.93
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	9.21	0.00	0.00	9.21
Mixed Plastic	0.00	9.19	0.00	9.19
TOTAL PLASTIC	9.21	9.19	0.00	18.40
BANNED ITEMS				
Appliances	15.77	0.08	0.00	15.85
DIY Used Motor Oil	13.00	—	—	13.00
Electronics Scrap	16.56	0.00	0.00	16.56
Lead-acid Batteries (car, truck, boat)	0.52	0.97	0.00	1.49
Tires (car, truck)	66.36	7.60	0.00	73.96
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	112.21	8.65	0.00	120.86
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.53	4.30	4.83
Cooking Oil	0.00	28.46	0.54	29.00
Fluorescent Bulbs	0.00	0.46	0.34	0.80
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.11	0.00	0.11
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.10	0.00	0.10
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	0.17	0.42	0.00	0.59
Wood Packaging	0.00	24.40	0.00	24.40
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.17	61.76	34.43	96.36
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	300.15	256.06	46.98	603.19

NEWBERRY COUNTY

TABLE 7.75: Newberry County 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)
37,721	12	0	20.8	1.1	4.3	5.4	7,694	29,266

TABLE 7.76: Newberry County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	12.36	0.00	0.00	12.36
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	12.36	0.00	0.00	12.36
METAL				
Aluminum Cans	4.79	0.07	3.50	8.36
Ferrous, Magnetic	0.00	0.00	0.50	0.50
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.68	0.00	5.50	6.18
Mixed Scrap Metal	225.88	0.00	0.00	225.88
TOTAL METAL	231.35	0.07	9.50	240.92
PAPER				
Cardboard	295.32	1,004.71	1,582.40	2,882.43
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.76	9.10	9.86
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	202.06	81.97	75.04	359.07
TOTAL PAPER	497.38	1,087.44	1,666.54	3,251.36
PLASTIC				
HDPE	0.00	0.48	0.00	0.48
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.17	0.00	0.17
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	48.56	17.66	0.70	66.92
TOTAL PLASTIC	48.56	21.81	0.70	71.07
BANNED ITEMS				
Appliances	0.00	20.53	0.00	20.53
DIY Used Motor Oil	29.00	—	—	29.00
Electronics Scrap	89.92	12.51	0.14	102.57
Lead-acid Batteries (car, truck, boat)	31.80	23.72	1.03	56.55
Tires (car, truck)	288.99	0.00	2.00	290.99
Yard Trimmings	3,356.17	0.00	0.00	3,356.17
TOTAL BANNED ITEMS	3,795.88	56.76	3.17	3,855.81
MISCELLANEOUS ITEMS				
Antifreeze	0.39	0.42	4.30	5.11
Cooking Oil	0.28	111.94	0.54	112.76
Fluorescent Bulbs	0.35	1.36	1.72	3.43
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.57	0.00	0.57
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.07	1.00	1.07
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.42	0.00	0.42
Wood Packaging	0.00	76.12	34.00	110.12
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	1.02	190.91	70.81	262.74
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	4,586.55	1,356.99	1,750.72	7,694.26

OCONEE COUNTY

TABLE 7.77: Oconee County 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)
74,418	17	3	26.4	1.2	3.3	4.5	16,042	44,813

TABLE 7.78: Oconee County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	95.74	0.00	0.00	95.74
Containers and Packaging – Clear	94.97	0.00	0.00	94.97
Containers and Packaging – Green	170.71	0.00	0.00	170.71
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	361.42	0.00	0.00	361.42
METAL				
Aluminum Cans	15.48	0.45	0.80	16.73
Ferrous, Magnetic	0.00	0.00	595.86	595.86
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	83.56	0.00	226.07	309.63
TOTAL METAL	99.04	0.45	828.23	927.72
PAPER				
Cardboard	639.03	3,421.08	1,077.61	5,137.72
Magazines	15.00	0.00	0.00	15.00
Newspapers and Inserts	349.72	0.00	1.34	351.06
Office Paper	112.60	0.21	158.87	271.68
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	656.72	39.25	209.62	905.59
TOTAL PAPER	1,773.07	3,460.54	1,447.44	6,681.05
PLASTIC				
HDPE	0.00	0.31	0.14	0.45
LDPE	0.00	7.00	5.40	12.40
PET	0.00	0.18	4.03	4.21
PP	0.00	0.00	0.00	0.00
PS	0.00	0.01	0.00	0.01
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	87.42	11.66	2.30	101.38
TOTAL PLASTIC	87.42	19.16	11.87	118.45
BANNED ITEMS				
Appliances	509.37	46.37	0.00	555.74
DIY Used Motor Oil	57.00	—	—	57.00
Electronics Scrap	0.07	3.54	11.34	14.95
Lead-acid Batteries (car, truck, boat)	55.99	134.46	1.84	192.29
Tires (car, truck)	656.46	146.38	0.00	802.84
Yard Trimmings	4,478.00	0.00	0.00	4,478.00
TOTAL BANNED ITEMS	5,756.89	330.75	13.18	6,100.82
MISCELLANEOUS ITEMS				
Antifreeze	0.00	16.23	4.30	20.53
Cooking Oil	4.80	369.23	0.54	374.57
Fluorescent Bulbs	0.00	2.94	4.64	7.58
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	1.03	0.14	0.27	1.44
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.64	1.13	0.98	2.75
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	2.75	2.42	4.96	10.13
Wood Packaging	0.00	132.63	1,268.90	1,401.53
Other Items	0.00	0.00	34.18	34.18
TOTAL MISCELLANEOUS ITEMS	9.22	524.73	1,318.77	1,852.72
COMMINGLED RECYCLABLES				
Commingled Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	8,087.06	4,335.63	3,619.49	16,042.18

ORANGEBURG COUNTY

TABLE 7.79: Orangeburg County 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)
91,910	22	1	21.7	0.9	3.3	4.2	15,445	55,687

TABLE 7.80: Orangeburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	6.38	0.00	0.00	6.38
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	6.08	0.00	0.00	6.08
Containers and Packaging – Mixed	12.73	0.00	0.00	12.73
TOTAL GLASS	25.19	0.00	0.00	25.19
METAL				
Aluminum Cans	2.30	0.09	4.75	7.14
Ferrous, Magnetic	0.00	8,757.00	1,120.00	9,877.00
Non-ferrous, Non-magnetic	0.00	0.00	15.00	15.00
Steel Cans	0.00	0.00	6.00	6.00
Mixed Scrap Metal	309.22	6.00	43.32	358.54
TOTAL METAL	311.52	8,763.09	1,189.07	10,263.68
PAPER				
Cardboard	329.52	1,466.78	693.51	2,489.81
Magazines	0.00	0.00	0.10	0.10
Newspapers and Inserts	130.42	0.00	0.10	130.52
Office Paper	0.00	14.95	32.80	47.75
Paperboard	0.00	0.00	2.00	2.00
Telephone Books	0.00	0.00	0.10	0.10
Mixed Paper	0.00	0.00	8.54	8.54
TOTAL PAPER	459.94	1,481.73	737.15	2,678.82
PLASTIC				
HDPE	33.70	0.57	0.00	34.27
LDPE	0.00	19.40	0.00	19.40
PET	0.48	0.19	0.00	0.67
PP	0.00	66.00	0.00	66.00
PS	0.00	0.00	0.00	0.00
Commingle PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	29.89	24.58	54.47
TOTAL PLASTIC	34.18	116.05	24.58	174.81
BANNED ITEMS				
Appliances	0.00	24.55	0.00	24.55
DIY Used Motor Oil	62.00	—	—	62.00
Electronics Scrap	156.62	23.04	9.45	189.11
Lead-acid Batteries (car, truck, boat)	47.18	35.12	11.26	93.56
Tires (car, truck)	787.58	37.99	0.00	825.57
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	1,053.38	120.70	20.71	1,194.79
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.50	4.92
Cooking Oil	3.85	354.29	1.54	359.68
Fluorescent Bulbs	0.00	3.62	3.44	7.06
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.12	0.10	0.22
Mattresses	0.00	0.00	0.00	0.00
Paint	9.38	0.00	0.00	9.38
Rechargeable Batteries	0.00	0.62	1.00	1.62
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	3.05	2.29	1.80	7.14
Wood Packaging	0.00	218.12	434.94	653.06
Other Items	0.00	19.46	31.25	50.71
TOTAL MISCELLANEOUS ITEMS	16.28	598.95	478.57	1,093.80
COMMINGLED RECYCLABLES				
Commingle Recyclables	0.00	3.45	10.11	13.56
TOTAL COMMINGLED RECYCLABLES	0.00	3.45	10.11	13.56
TOTAL FOR ALL	1,900.49	11,083.97	2,460.19	15,444.65

PICKENS COUNTY

TABLE 7.81: Pickens County 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)
119,574	37	8	34.7	1.3	2.4	3.6	27,630	51,958

TABLE 7.82: Pickens County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	156.80	0.00	0.00	156.80
Containers and Packaging – Clear	249.35	0.00	0.00	249.35
Containers and Packaging – Green	103.69	0.00	0.00	103.69
Containers and Packaging – Mixed	0.00	25.36	0.00	25.36
TOTAL GLASS	509.84	25.36	0.00	535.20
METAL				
Aluminum Cans	126.27	0.51	3.90	130.68
Ferrous, Magnetic	0.00	0.20	5.93	6.13
Non-ferrous, Non-magnetic	0.00	980.76	0.00	980.76
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	28.51	70.54	284.45	383.50
TOTAL METAL	154.78	1,052.01	299.78	1,506.57
PAPER				
Cardboard	2,174.92	6,017.68	192.57	8,385.17
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.20	0.20
Office Paper	11.50	1,423.37	13.03	1,447.90
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	1,765.20	815.05	10.04	2,590.29
TOTAL PAPER	3,951.62	8,256.10	215.84	12,423.56
PLASTIC				
HDPE	52.17	5.08	1.00	58.25
LDPE	0.00	14.46	0.00	14.46
PET	36.82	0.64	2.00	39.46
PP	0.00	0.00	0.00	0.00
PS	0.00	0.01	0.00	0.01
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	76.23	73.68	0.00	149.91
TOTAL PLASTIC	165.22	93.87	3.00	262.09
BANNED ITEMS				
Appliances	1,394.20	48.52	0.00	1,442.72
DIY Used Motor Oil	123.00	—	—	123.00
Electronics Scrap	443.40	18.81	0.70	462.91
Lead-acid Batteries (car, truck, boat)	66.26	4.78	0.25	71.29
Tires (car, truck)	979.51	0.00	2.00	981.51
Yard Trimmings	7,521.00	0.00	0.00	7,521.00
TOTAL BANNED ITEMS	10,527.37	72.11	2.95	10,602.43
MISCELLANEOUS ITEMS				
Antifreeze	7.64	0.42	4.30	12.36
Cooking Oil	101.83	241.10	0.54	343.47
Fluorescent Bulbs	0.40	4.31	1.18	5.89
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.25	0.08	0.50	0.83
Mattresses	0.00	0.00	0.00	0.00
Paint	28.45	0.00	0.00	28.45
Rechargeable Batteries	0.30	0.44	0.00	0.74
Textiles	144.14	0.01	0.00	144.15
Used Motor Oil Filters	8.46	0.42	0.00	8.88
Wood Packaging	116.52	246.00	137.48	500.00
Other Items	20.30	0.00	29.25	49.55
TOTAL MISCELLANEOUS ITEMS	428.29	492.78	173.25	1,094.32
COMMINGLED RECYCLABLES				
Commingled Recyclables	326.60	878.90	0.30	1,205.80
TOTAL COMMINGLED RECYCLABLES	326.60	878.90	0.30	1,205.80
TOTAL FOR ALL	16,063.72	10,871.13	695.12	27,629.97

RICHLAND COUNTY

TABLE 7.83: Richland County 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)
389,116	12	5	30.4	1.7	3.8	5.5	117,901	270,226

TABLE 7.84: Richland County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	98.78	0.00	0.00	98.78
Containers and Packaging – Clear	215.32	0.00	0.00	215.32
Containers and Packaging – Green	322.52	0.00	0.00	322.52
Containers and Packaging – Mixed	185.46	0.00	0.00	185.46
TOTAL GLASS	822.08	0.00	0.00	822.08
METAL				
Aluminum Cans	47.68	0.78	5.86	54.32
Ferrous, Magnetic	0.00	35,028.00	3,987.86	39,015.86
Non-ferrous, Non-magnetic	0.00	3,097.19	60.00	3,157.19
Steel Cans	120.12	0.16	7.30	127.58
Mixed Scrap Metal	503.69	4.00	0.00	507.69
TOTAL METAL	671.49	38,130.13	4,061.02	42,862.64
PAPER				
Cardboard	442.93	7,692.52	7,241.10	15,376.55
Magazines	23.01	3.68	0.00	26.69
Newspapers and Inserts	791.44	1,185.77	0.29	1,977.50
Office Paper	12,029.62	1,695.67	385.07	14,110.36
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	9.63	4.47	1.83	15.93
Mixed Paper	218.50	67.14	226.04	511.68
TOTAL PAPER	13,515.13	10,649.25	7,854.33	32,018.71
PLASTIC				
HDPE	37.46	5.22	0.00	42.68
LDPE	0.00	27.44	0.00	27.44
PET	2.16	1.65	0.00	3.81
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	288.62	8.82	249.98	547.42
Mixed Plastic	6.13	264.97	184.74	455.84
TOTAL PLASTIC	334.37	308.10	434.72	1,077.19
BANNED ITEMS				
Appliances	361.62	185.43	6.73	553.78
DIY Used Motor Oil	107.00	—	—	107.00
Electronics Scrap	521.58	441.78	6.13	969.49
Lead-acid Batteries (car, truck, boat)	169.50	1,640.51	1.64	1,811.65
Tires (car, truck)	2,086.61	0.00	0.00	2,086.61
Yard Trimmings	1,593.50	0.00	0.00	1,593.50
TOTAL BANNED ITEMS	4,839.81	2,267.72	14.50	7,122.03
MISCELLANEOUS ITEMS				
Antifreeze	0.00	1.83	5.90	7.73
Cooking Oil	0.00	7,541.38	0.54	7,541.92
Fluorescent Bulbs	0.00	56.06	4.56	60.62
Food Scraps	0.00	0.02	0.00	0.02
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	5.57	0.14	5.71
Mattresses	55.00	0.00	0.00	55.00
Paint	0.00	4.50	0.03	4.53
Rechargeable Batteries	0.00	8.60	0.02	8.62
Textiles	25.53	7.29	0.00	32.82
Used Motor Oil Filters	5.25	0.74	2.60	8.59
Wood Packaging	0.00	778.70	139.75	918.45
Other Items	62.10	0.00	29.25	91.35
TOTAL MISCELLANEOUS ITEMS	147.88	8,404.69	182.79	8,735.36
COMMINGLED RECYCLABLES				
Commingled Recyclables	25,202.95	60.48	0.00	25,263.43
TOTAL COMMINGLED RECYCLABLES	25,202.95	60.48	0.00	25,263.43
TOTAL FOR ALL	45,533.71	59,820.37	12,547.36	117,901.44

SALUDA COUNTY

TABLE 7.85: Saluda County 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)
19,882	7	1	20.4	0.6	2.2	2.8	2,043	7,982

TABLE 7.86: Saluda County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	2.46	3.30	0.28	6.04
Ferrous, Magnetic	0.00	11.50	0.00	11.50
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	108.55	0.25	0.00	108.80
TOTAL METAL	111.01	15.05	5.78	131.84
PAPER				
Cardboard	56.03	194.78	679.04	929.85
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	65.34	0.00	0.00	65.34
Office Paper	0.00	0.00	0.00	0.00
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	72.83	26.62	8.50	107.95
TOTAL PAPER	194.20	221.40	687.54	1,103.14
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	0.00	0.00	0.00
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingle PET and HDPE	17.21	0.94	0.00	18.15
Mixed Plastic	0.00	2.65	0.00	2.65
TOTAL PLASTIC	17.21	3.59	0.00	20.80
BANNED ITEMS				
Appliances	27.14	0.00	0.00	27.14
DIY Used Motor Oil	28.00	—	—	28.00
Electronics Scrap	26.34	0.98	0.00	27.32
Lead-acid Batteries (car, truck, boat)	0.94	24.03	0.00	24.97
Tires (car, truck)	168.70	13.74	0.00	182.44
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	251.12	38.75	0.00	289.87
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	44.07	0.54	44.61
Fluorescent Bulbs	0.00	0.77	0.34	1.11
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.06	0.00	0.06
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	1.51	0.00	1.51
Rechargeable Batteries	0.00	0.04	0.00	0.04
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.34	0.41	2.50	3.25
Wood Packaging	0.00	0.52	400.00	400.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.34	47.81	436.93	485.08
COMMINGLED RECYCLABLES				
Commingle Recyclables	12.35	0.00	0.00	12.35
TOTAL COMMINGLED RECYCLABLES	12.35	0.00	0.00	12.35
TOTAL FOR ALL	586.23	326.60	1,130.25	2,043.08

SPARTANBURG COUNTY

TABLE 7.87: Spartanburg County 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)
286,868	22	2	29.5	1.9	4.6	6.5	100,043	239,584

TABLE 7.88: Spartanburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.97	0.97
TOTAL GLASS	0.00	0.00	0.97	0.97
METAL				
Aluminum Cans	0.00	2.01	5.32	7.33
Ferrous, Magnetic	0.00	24,519.60	2,736.40	27,256.00
Non-ferrous, Non-magnetic	0.00	2,283.34	43.00	2,326.34
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	203.80	1.00	3,383.35	3,588.15
TOTAL METAL	203.80	26,805.95	6,173.57	33,183.32
PAPER				
Cardboard	1,044.40	21,168.25	397.64	22,610.29
Magazines	0.00	0.00	4.01	4.01
Newspapers and Inserts	0.00	0.00	0.60	0.60
Office Paper	0.00	10.16	39.19	49.35
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.15	0.15
Mixed Paper	2,285.35	1,293.30	7,895.61	11,474.26
TOTAL PAPER	3,329.75	22,471.71	8,337.20	34,138.66
PLASTIC				
HDPE	0.00	3.37	0.00	3.37
LDPE	0.00	39.99	0.00	39.99
PET	0.00	2.64	0.00	2.64
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	1,956.61	2,042.93	3,999.54
TOTAL PLASTIC	0.00	2,002.61	2,042.93	4,045.54
BANNED ITEMS				
Appliances	475.31	60.00	0.00	535.31
DIY Used Motor Oil	204.00	—	—	204.00
Electronics Scrap	412.70	124.46	59.89	597.05
Lead-acid Batteries (car, truck, boat)	79.02	9.40	9.26	97.68
Tires (car, truck)	2,443.61	0.00	0.00	2,443.61
Yard Trimmings	15,169.79	0.00	0.25	15,170.04
TOTAL BANNED ITEMS	18,784.43	193.86	69.40	19,047.69
MISCELLANEOUS ITEMS				
Antifreeze	8.75	1.53	4.44	14.72
Cooking Oil	0.00	439.78	0.54	440.32
Fluorescent Bulbs	0.65	12.94	12.17	25.76
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.61	0.42	1.03
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.79	0.79
Rechargeable Batteries	0.00	6.20	5.90	12.10
Textiles	0.00	7.28	0.00	7.28
Used Motor Oil Filters	8.96	0.56	0.03	9.55
Wood Packaging	0.00	548.48	5,473.13	6,021.61
Other Items	0.00	0.00	29.51	29.51
TOTAL MISCELLANEOUS ITEMS	18.36	1,017.38	5,526.93	6,562.67
COMMINGLED RECYCLABLES				
Commingled Recyclables	2,985.05	0.00	78.91	3,063.96
TOTAL COMMINGLED RECYCLABLES	2,985.05	0.00	78.91	3,063.96
TOTAL FOR ALL	25,321.39	52,491.51	22,229.91	100,042.81

SUMTER COUNTY

TABLE 7.89: Sumter County 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)
107,460	10	1	23.1	0.8	2.8	3.6	16,322	54,246

TABLE 7.90: Sumter County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	21.46	0.00	0.00	21.46
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	320.37	0.00	0.00	320.37
TOTAL GLASS	341.83	0.00	0.00	341.83
METAL				
Aluminum Cans	67.13	1.90	0.50	69.53
Ferrous, Magnetic	0.00	0.00	0.00	0.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	66.48	0.00	5.50	71.98
Mixed Scrap Metal	3,179.90	0.00	0.00	3,179.90
TOTAL METAL	3,313.51	1.90	6.00	3,321.41
PAPER				
Cardboard	1,679.10	1,372.01	0.15	3,051.26
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	103.79	0.00	0.00	103.79
Office Paper	82.78	1.55	0.00	84.33
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	1,357.40	0.05	0.04	1,357.49
TOTAL PAPER	3,223.07	1,373.61	0.19	4,596.87
PLASTIC				
HDPE	24.40	1.37	0.00	25.77
LDPE	0.00	3.50	0.00	3.50
PET	45.71	0.38	0.00	46.09
PP	0.00	0.00	0.00	0.00
PS	0.00	0.06	0.00	0.06
Commingle PET and HDPE	108.50	0.00	0.00	108.50
Mixed Plastic	98.88	41.24	0.00	140.12
TOTAL PLASTIC	277.49	46.55	0.00	324.04
BANNED ITEMS				
Appliances	2,996.40	34.86	0.00	3,031.26
DIY Used Motor Oil	88.00	—	—	88.00
Electronics Scrap	134.44	23.79	0.10	158.33
Lead-acid Batteries (car, truck, boat)	161.15	28.66	0.00	189.81
Tires (car, truck)	1,040.59	0.00	0.00	1,040.59
Yard Trimmings	2,057.40	0.00	0.00	2,057.40
TOTAL BANNED ITEMS	6,477.98	87.31	0.10	6,565.39
MISCELLANEOUS ITEMS				
Antifreeze	3.20	0.42	4.30	7.92
Cooking Oil	7.38	960.37	0.54	968.29
Fluorescent Bulbs	2.31	3.59	0.39	6.29
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.89	0.68	0.00	1.57
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.94	0.00	0.94
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	8.27	0.41	0.00	8.68
Wood Packaging	0.00	128.88	0.00	128.88
Other Items	21.08	0.00	29.25	50.33
TOTAL MISCELLANEOUS ITEMS	43.13	1,095.30	34.48	1,172.91
COMMINGLED RECYCLABLES				
Commingle Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	13,677.01	2,604.67	40.77	16,322.45

UNION COUNTY

TABLE 7.91: Union County 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)
28,679	11	0	35.3	2.0	3.7	5.8	10,685	19,594

TABLE 7.92: Union County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	27.02	0.00	0.00	27.02
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	8.69	0.00	0.00	8.69
TOTAL GLASS	35.71	0.00	0.00	35.71
METAL				
Aluminum Cans	1.88	123.51	0.00	125.39
Ferrous, Magnetic	0.00	3,180.87	0.00	3,180.87
Non-ferrous, Non-magnetic	0.00	1,462.41	0.00	1,462.41
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	164.83	0.00	0.00	164.83
TOTAL METAL	166.71	4,766.79	5.50	4,939.00
PAPER				
Cardboard	178.43	748.73	4,242.29	5,169.45
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	0.00	0.00	0.00	0.00
Office Paper	0.00	0.36	0.00	0.36
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.00	0.00	0.00
Mixed Paper	186.23	0.56	0.04	186.83
TOTAL PAPER	364.66	749.65	4,242.33	5,356.64
PLASTIC				
HDPE	9.96	0.63	0.00	10.59
LDPE	0.00	10.09	0.00	10.09
PET	16.94	0.27	0.00	17.21
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingle PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	4.58	0.00	4.58
TOTAL PLASTIC	26.90	15.57	0.00	42.47
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	24.00	—	—	24.00
Electronics Scrap	50.30	0.00	0.00	50.30
Lead-acid Batteries (car, truck, boat)	10.15	1.64	0.06	11.85
Tires (car, truck)	147.53	0.00	0.00	147.53
Yard Trimmings	0.00	0.00	0.00	0.00
TOTAL BANNED ITEMS	231.98	1.64	0.06	233.68
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	38.75	0.54	39.29
Fluorescent Bulbs	0.00	1.55	0.34	1.89
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.55	0.00	0.55
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.13	0.19	0.00	0.32
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.50	0.41	0.00	0.91
Wood Packaging	0.00	0.52	0.00	0.52
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.63	42.40	34.43	77.46
COMMINGLED RECYCLABLES				
Commingle Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	826.59	5,576.05	4,282.32	10,684.96

WILLIAMSBURG COUNTY

TABLE 7.93: Williamsburg County 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)
34,084	20	1	20.5	0.3	1.1	1.4	1,798	6,976

TABLE 7.94: Williamsburg County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	0.00	0.00	0.00	0.00
Containers and Packaging – Clear	0.00	0.00	0.00	0.00
Containers and Packaging – Green	0.00	0.00	0.00	0.00
Containers and Packaging – Mixed	0.00	0.00	0.00	0.00
TOTAL GLASS	0.00	0.00	0.00	0.00
METAL				
Aluminum Cans	0.00	0.50	0.00	0.50
Ferrous, Magnetic	0.00	6.00	0.00	6.00
Non-ferrous, Non-magnetic	0.00	0.00	0.00	0.00
Steel Cans	0.00	0.00	5.50	5.50
Mixed Scrap Metal	151.27	0.00	0.00	151.27
TOTAL METAL	151.27	6.50	5.50	163.27
PAPER				
Cardboard	162.57	229.62	0.00	392.19
Magazines	0.00	0.00	0.00	0.00
Newspapers and Inserts	12.57	0.00	0.00	12.57
Office Paper	0.00	5.50	0.00	5.50
Paperboard	0.00	0.00	0.00	0.00
Telephone Books	0.00	0.10	0.00	0.10
Mixed Paper	0.00	0.00	0.04	0.04
TOTAL PAPER	175.14	235.22	0.04	410.40
PLASTIC				
HDPE	0.00	0.00	0.00	0.00
LDPE	0.00	3.50	0.00	3.50
PET	0.00	0.00	0.00	0.00
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingle PET and HDPE	0.00	0.00	0.00	0.00
Mixed Plastic	0.00	5.30	0.00	5.30
TOTAL PLASTIC	0.00	8.80	0.00	8.80
BANNED ITEMS				
Appliances	0.00	0.00	0.00	0.00
DIY Used Motor Oil	31.00	—	—	31.00
Electronics Scrap	78.64	0.00	0.00	78.64
Lead-acid Batteries (car, truck, boat)	0.00	0.53	0.00	0.53
Tires (car, truck)	463.98	0.00	0.00	463.98
Yard Trimmings	100.80	0.00	0.00	100.80
TOTAL BANNED ITEMS	674.42	0.53	0.00	674.95
MISCELLANEOUS ITEMS				
Antifreeze	0.00	0.42	4.30	4.72
Cooking Oil	0.00	502.75	0.54	503.29
Fluorescent Bulbs	0.00	1.23	0.34	1.57
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.00	0.31	0.00	0.31
Mattresses	0.00	0.00	0.00	0.00
Paint	0.00	0.00	0.00	0.00
Rechargeable Batteries	0.00	0.02	0.00	0.02
Textiles	0.00	0.01	0.00	0.01
Used Motor Oil Filters	0.00	0.41	0.00	0.41
Wood Packaging	0.00	1.02	0.00	1.02
Other Items	0.00	0.00	29.25	29.25
TOTAL MISCELLANEOUS ITEMS	0.00	506.17	34.43	540.60
COMMINGLED RECYCLABLES				
Commingle Recyclables	0.00	0.00	0.00	0.00
TOTAL COMMINGLED RECYCLABLES	0.00	0.00	0.00	0.00
TOTAL FOR ALL	1,000.83	757.22	39.97	1,798.02

YORK COUNTY

TABLE 7.95: York County 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)
230,528	25	6	28.7	1.3	3.3	4.7	56,341	139,941

TABLE 7.96: York County MSW Recycling Data in Tons

COMMODITY	RESIDENTIAL	COMMERCIAL/ INSTITUTIONAL	INDUSTRIAL (OFFICE/PACKAGING)	TOTAL
GLASS				
Containers and Packaging – Brown	280.33	1.02	0.00	281.35
Containers and Packaging – Clear	322.77	3.01	217.00	542.78
Containers and Packaging – Green	142.79	0.02	0.00	142.81
Containers and Packaging – Mixed	0.00	0.01	0.00	0.01
TOTAL GLASS	745.89	4.06	217.00	966.95
METAL				
Aluminum Cans	85.34	10.34	7.54	103.22
Ferrous, Magnetic	1,779.29	101.90	122.50	2,003.69
Non-ferrous, Non-magnetic	0.00	1,840.40	0.00	1,840.40
Steel Cans	0.00	1.99	10.40	12.39
Mixed Scrap Metal	0.39	39.42	303.05	342.86
TOTAL METAL	1,865.02	1,994.05	443.49	4,302.56
PAPER				
Cardboard	2,626.53	11,685.62	13,942.92	28,255.07
Magazines	392.19	6.53	3.17	401.89
Newspapers and Inserts	972.26	6.36	0.00	978.62
Office Paper	0.00	38.28	238.79	277.07
Paperboard	154.45	2.99	0.00	157.44
Telephone Books	0.00	11.39	1.26	12.65
Mixed Paper	1,217.33	68.46	146.10	1,431.89
TOTAL PAPER	5,362.76	11,819.63	14,332.24	31,514.63
PLASTIC				
HDPE	96.50	3.28	12.00	111.78
LDPE	0.00	24.53	141.60	166.13
PET	186.47	1.19	0.13	187.79
PP	0.00	0.00	0.00	0.00
PS	0.00	0.00	0.00	0.00
Commingled PET and HDPE	0.00	0.99	2.00	2.99
Mixed Plastic	42.00	74.92	256.99	373.91
TOTAL PLASTIC	324.97	104.91	412.72	842.60
BANNED ITEMS				
Appliances	10.53	24.44	0.00	34.97
DIY Used Motor Oil	194.00	—	—	194.00
Electronics Scrap	750.84	33.70	9.76	794.30
Lead-acid Batteries (car, truck, boat)	145.09	84.12	8.01	237.22
Tires (car, truck)	1,524.43	177.81	0.00	1,702.24
Yard Trimmings	9,474.93	12.00	0.00	9,486.93
TOTAL BANNED ITEMS	12,099.82	332.07	17.77	12,449.66
MISCELLANEOUS ITEMS				
Antifreeze	4.39	11.46	127.79	143.64
Cooking Oil	10.24	786.69	1.53	798.46
Fluorescent Bulbs	8.24	9.98	4.89	23.11
Food Scraps	0.00	0.00	0.00	0.00
Hazardous Materials	0.00	0.00	0.00	0.00
Inkjet and Toner Cartridges	0.19	11.31	10.64	22.14
Mattresses	0.00	0.00	0.00	0.00
Paint	38.36	0.09	0.00	38.45
Rechargeable Batteries	2.24	2.38	1.00	5.62
Textiles	60.59	12.65	10.00	83.24
Used Motor Oil Filters	9.94	8.26	70.99	89.19
Wood Packaging	0.00	508.66	951.91	1,460.57
Other Items	34.69	0.75	304.25	339.69
TOTAL MISCELLANEOUS ITEMS	168.88	1,352.23	1,483.00	3,004.11
COMMINGLED RECYCLABLES				
Commingled Recyclables	3,234.53	26.41	0.00	3,260.94
TOTAL COMMINGLED RECYCLABLES	3,234.53	26.41	0.00	3,260.94
TOTAL FOR ALL	23,801.87	15,633.36	16,906.22	56,341.45

Disposal Data

The S.C. Solid Waste Policy and Management Act of 1991 (Act) – S.C. Code of Laws § 44-96-80 – and subsequent regulations require permitted public and private solid waste facilities to report annually the amount and type of solid waste disposed of to the S.C. Department of Health and Environmental Control (DHEC).

This section focuses on disposal of both municipal solid waste (MSW) and total solid waste (TSW) – as defined in Section 1. For purposes of this report, the terms solid waste and TSW are interchangeable.

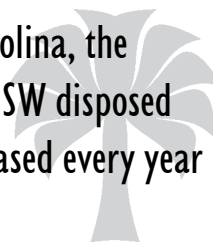
In fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012), there were 392 permitted solid waste facilities in South Carolina. There are 15 types of solid waste permits that can cover a range of facilities. Some permits (e.g., transfer station, processor) apply to multiple facility types. For example, there are three types of transfer stations. (For a complete list of facility types, see Section 10.)

Of the 15 types of solid waste permits, only two are permitted currently to accept MSW – Class 3 transfer stations and Class 3 landfills. There are no permitted MSW incinerators in the state.

There were 40 solid waste transfer stations in FY12. (See Table 10.2.) There also were 55 Class 1 landfills and 92 Class 2 landfills. There was an increase in the amount of material disposed of in Class 1 landfills and a decrease in the amount of

material disposed of in Class 2 landfills from FY11 to FY12. See Tables 8.12 and 8.13 for details.

In South Carolina, the amount of MSW disposed of has decreased every year since FY08.



There were 23 Class 3 landfills operating in FY12 with nine owned by local governments and 14 privately owned [including five by industry (i.e., non-commercial landfills)]. Williamsburg County Landfill – a Class 3 landfill – closed in March 2011 and is not included in this report. (See Table 8.6 for a list of Class 3 landfills.)

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 and Recovery Act Subtitle D requirements.

Class 3 landfills may accept waste other than MSW including construction and demolition debris and industrial solid waste. TSW disposal in Class 3 landfills decreased nearly 70,000 tons from FY11 to about 5.4 million tons in FY12.

Of that amount, the majority (4.1 million tons or about 76 percent) was disposed of in the 14 privately owned Class 3 landfills. The remainder of the solid waste (1.3 million tons or 24 percent of the total) was disposed of in the state's nine publicly owned Class 3 landfills in FY12.

Of the privately owned Class 3 landfills, four (Lee County Landfill, Oakridge Landfill, Richland Landfill

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 \$38 per ton in FY12, up \$2 from the previous FY. In addition, the average tipping fee for Class 2 disposal was \$26 in FY12 – no change from the previous FY. Class 1 tipping fee data was not collected.

S.C. Landfill Classifications

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.

and Upstate Regional Landfill) accepted a little more than half (54.7 percent or about 3 million tons) of the solid waste that was disposed of in the state's Class 3 landfills. Of those four, Richland Landfill accepted the most solid waste – 895,005 tons. See Tables 8.6 through 8.9 for an overview of disposal data.

TABLE 8.1: Disposal Data by FY					
	FY08	FY09	FY10	FY11	FY12
TSW Disposal in Tons (includes all waste generated in or imported to South Carolina)					
In-state Origin	7,938,036	7,789,143	7,602,701 ¹	7,824,312	7,696,559
Out-of-state Origin	1,524,305	1,252,697	878,445	664,670	689,514
TOTAL	9,462,341	9,041,841	8,481,146 ¹	8,488,982	8,386,073
MSW Disposal in Tons (includes only MSW generated and disposed of in South Carolina)					
TOTAL	3,367,422	3,226,412	3,113,365	3,065,806	2,935,876
Disposal in Class 1 Landfills in Tons					
In-state Origin	128,429	72,484	64,739	62,792	71,380
Out-of-state Origin	5,032	1,008	902	1,893	1,288
TOTAL	133,461	73,492	65,641	64,685	72,667
Disposal in Class 2 Landfills in Tons					
In-state Origin	2,839,181	3,060,497	2,950,933	2,750,718	2,722,880
Out-of-state Origin	68,790	77,869	75,567	64,716	59,395
TOTAL	2,907,971	3,138,366	3,026,500	2,815,434	2,782,275
Disposal in Class 3 Landfills in Tons					
In-state Origin	4,745,007	4,446,897	4,533,336	4,991,833	4,860,803
Out-of-state Origin	1,450,483	1,173,820	801,977	597,931	628,684
TOTAL	6,195,490	5,620,718	5,335,313	5,589,764	5,489,487
Disposal in Land-clearing Debris Incinerators in Tons					
In-state Origin	13,301	20,508	6,781	18,969	41,496
Out-of-state Origin	—	—	—	130	148
TOTAL	13,301	20,508	6,781	19,099	41,644

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

South Carolinians disposed of 2,935,876 tons of MSW in FY12 – a decrease of about 130,000 tons or more than 4 percent from the previous FY's total of 3,065,806 tons.

On average, each resident disposed of about 3.4 pounds of MSW per person per day (p/p/d) in FY12. This is a decrease from 3.6 p/p/d in the previous FY.

Tables 8.10 and 8.11 provide data for MSW and TSW management in tons and per capita by county.

Import and Export of Solid Waste

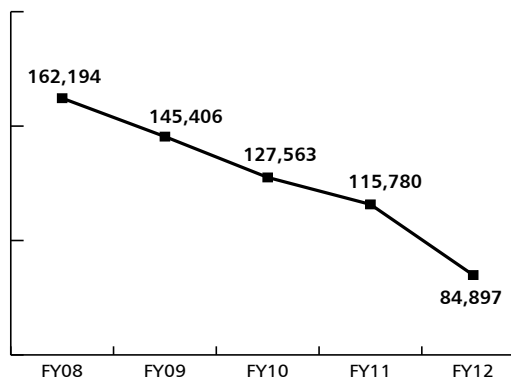
The movement of solid waste between states is a common practice and a controversial issue. As a result, there have been numerous court cases dealing with this subject. Several federal court rulings limit states from restricting the interstate movement of solid waste.

The amount of out-of-state solid waste disposed of in South Carolina landfills increased nearly 4 percent in FY12 from the previous FY.

The amount of out-of-state solid waste disposed of in South Carolina in FY12 was 689,514 tons – an increase of nearly 4 percent from the previous FY. (See Chart 8.4.) Overall, this represents about 8 percent of the total amount of solid waste disposed of in the state.

In FY12, the vast majority of out-of-state solid waste was disposed of in three Class 3 landfills – Lee County

CHART 8.2: Solid Waste Exported from South Carolina by FY in Tons



Landfill, Palmetto Landfill and Upstate Regional Landfill. (See Table 8.5.) Georgia, New Jersey, New York, North Carolina and Virginia exported solid waste to South Carolina in FY12. New York and North Carolina combined for about 89 percent (nearly 612,000 tons) of the total amount of solid waste imported to the state. (See Chart 8.3 and Table 8.5.)

South Carolina exported 84,897 tons of solid waste in FY12 – a drop of nearly 27 percent from the previous FY (115,780 tons). Eight counties (Anderson, Chester, Chesterfield, Darlington, Lancaster, Oconee, Pickens and York) accounted for all of the exported waste, which was sent to Georgia and North Carolina landfills. (See Chart 8.2.)

CHART 8.3: Solid Waste Imported by State as a Percentage of All Solid Waste Imported to South Carolina in FY12

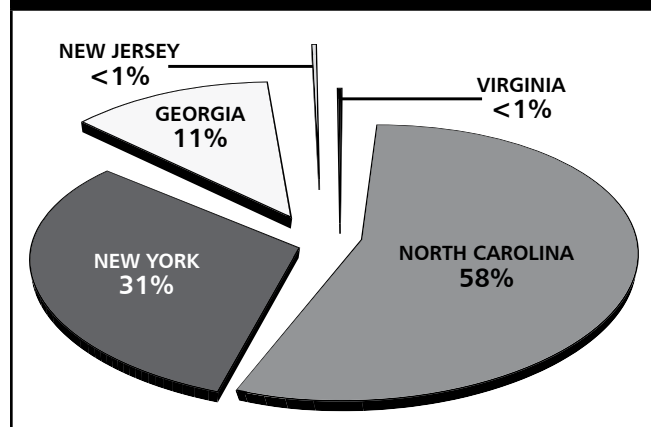


CHART 8.4: Solid Waste Imported to South Carolina by FY in Tons

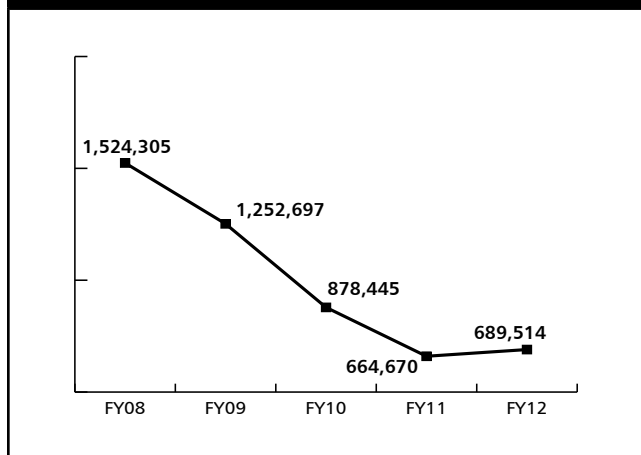


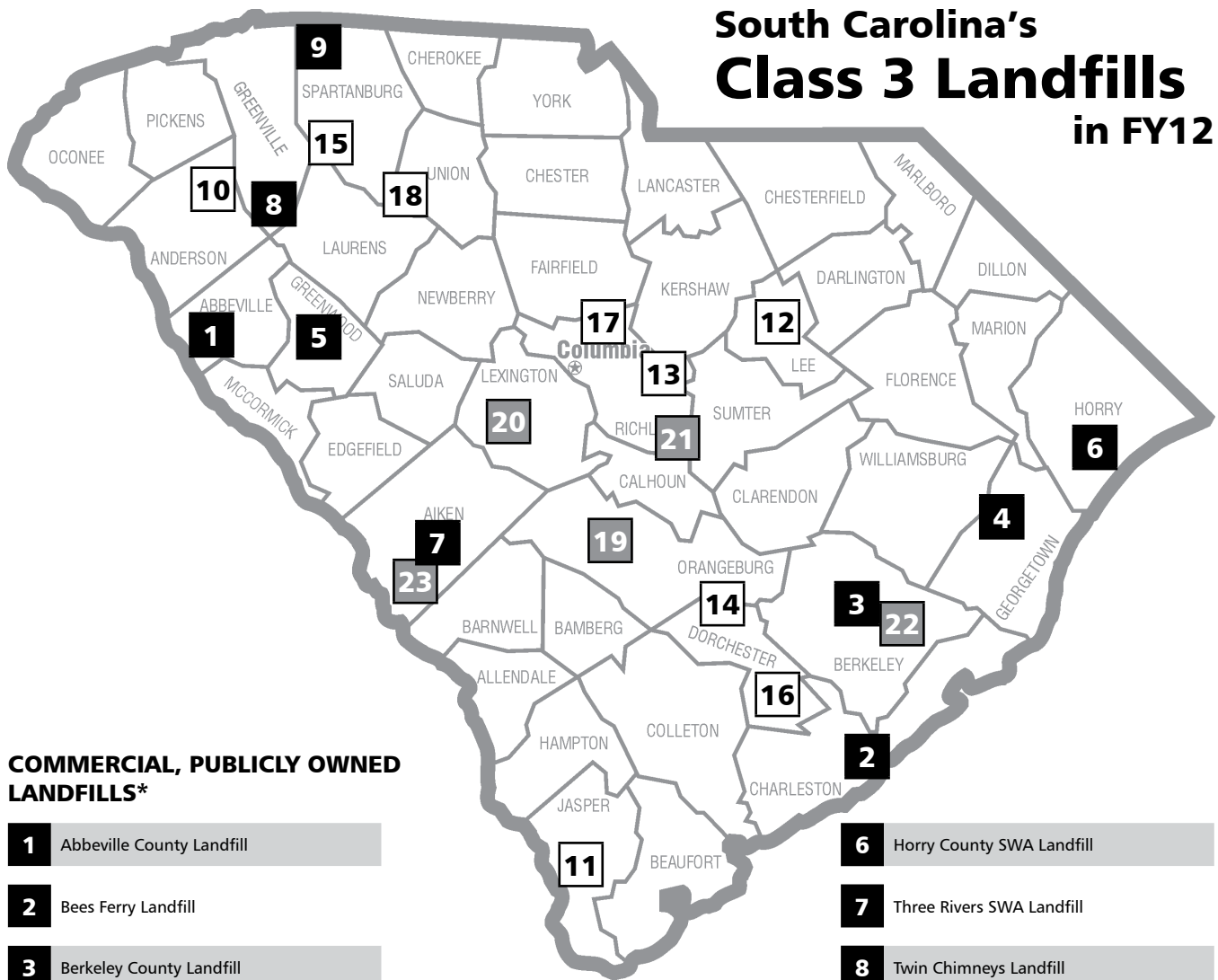
TABLE 8.5: Solid Waste Imported to South Carolina in Tons in FY12

ORIGIN	ABBEVILLE COUNTY LANDFILL Abbeville County	HICKORY HILL LANDFILL Jasper County	LEE COUNTY LANDFILL, LLC	OAKRIDGE LANDFILL Dorchester County	PALMETTO LANDFILL Spartanburg County	RICHLAND LANDFILL Richland County	THREE RIVERS SWA* LANDFILL Aiken County	TWIN CHIMNEYS LANDFILL Greenville County	UPSTATE REGIONAL LANDFILL Union County	TOTAL IMPORTED SOLID WASTE DISPOSED OF IN S.C. LANDFILLS
Georgia	1,968	14,630	0	2	0	2,427	26,105	0	148	45,278
New Jersey	0	0	1,282	0	0	0	0	0	0	1,282
New York	0	0	215,226	0	0	0	0	22	0	215,248
North Carolina	0	1,407	8,305	0	127,964	88,740	0	0	140,436	366,851
Virginia	0	0	0	0	25	0	0	0	0	25
Misc.**	0	0	0	0	0	0	0	0	0	60,830
TOTAL WASTE FROM OUT OF STATE	1,968	16,036	224,813	2	127,989	91,166	26,105	22	140,584	689,514

* Solid Waste Authority

** This includes solid waste imported from Georgia (31,035 tons) and North Carolina (29,795 tons) and disposed of in Class 1 or Class 2 landfills or through incineration. Of the solid waste imported from Georgia, 148 tons of land-clearing debris was disposed of through incineration.

South Carolina's Class 3 Landfills in FY12



COMMERCIAL, PRIVATELY OWNED LANDFILLS*

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

NON-COMMERCIAL, PRIVATELY OWNED LANDFILLS*

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

* See page 100 for a discussion of commercial and non-commercial landfills.

TABLE 8.6: Class 3 Remaining Capacity & Disposal in Tons

NAME OF CLASS 3 LANDFILL	COUNTY	LANDFILL OWNERSHIP	PERMITTED ANNUAL RATE OF DISPOSAL	FY12 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
COMMERCIAL LANDFILLS							
Abbeville County Landfill	Abbeville	Publicly owned	46,000	17,118	678,682	14.8	39.6
Anderson Regional Landfill	Anderson	Privately owned	438,000	205,313	6,386,280	14.6	31.1
Bees Ferry Landfill	Charleston	Publicly owned	316,709	147,544	5,384,960	17.0	36.5
Berkeley County Landfill	Berkeley	Publicly owned	1,000,000	193,151	5,499,724	5.5	28.5
Georgetown County Landfill	Georgetown	Publicly owned	79,582	54,511	716,101	9.0	13.1
Greenwood County Landfill	Greenwood	Publicly owned	150,000	65,095	1,751,062	11.7	26.9
Hickory Hill Landfill	Jasper	Privately owned	302,000	188,677	2,378,156	7.9	12.6
Horry County SWA Landfill	Horry	Publicly owned	750,000	222,341	1,889,479	2.5	8.5
Lee County Landfill, LLC	Lee	Privately owned	1,944,939	475,898	19,630,461	10.1	41.2
Northeast Landfill, LLC	Richland	Privately owned	529,600	187,259	6,954,884	13.1	37.1
Oakridge Landfill	Dorchester	Privately owned	1,144,000	794,144	4,134,509	3.6	5.2
Palmetto Landfill	Spartanburg	Privately owned	1,200,000	291,086	700,415	0.6	2.4
Pepperhill Landfill	Dorchester	Privately owned	214,500	47	292,337	1.4	6,233.2
Richland Landfill	Richland	Privately owned	988,209	895,005	30,555,826	30.9	34.1
Three Rivers SWA Landfill	Aiken	Publicly owned	500,000	267,144	33,370,138	66.7	124.9
Twin Chimneys Landfill	Greenville	Publicly owned	500,000	228,793	28,666,029	57.3	125.3
Upstate Regional Landfill	Union	Privately owned	910,000	793,012	4,269,116	4.7	5.4
Wellford Landfill	Spartanburg	Publicly owned	260,000	110,958	847,136	3.3	7.6
STATE TOTALS			11,253,539	5,137,096	154,105,295	13.7	30.0
NON-COMMERCIAL LANDFILLS							
Albemarle Corp. Landfill	Orangeburg	Privately owned	—	20,249	324,851	—	16.0
CMC Landfill	Lexington	Privately owned	150,000	100,057	1,667,786	11.1	16.7
SCE&G – Wateree Landfill	Richland	Privately owned	—	88,783	—	—	—
SCE&G – Williams Hwy. 52 Landfill	Berkeley	Privately owned	—	46,771	—	—	—
Savannah River Site Z-Area Landfill	Aiken	Privately owned	—	11,633	—	—	—

NOTE: See page 100 for a discussion of commercial and non-commercial landfills.

TABLE 8.7: Class 3 Landfill Disposal Trends in Tons, FY08 to FY12

CLASS 3 LANDFILL	LANDFILL OWNERSHIP	COUNTY	FY08	FY09	FY10	FY11	FY12
Abbeville County Landfill	Publicly owned	Abbeville	19,704	15,083	12,936	16,098	17,118
Albemarle Corp. Landfill	Privately owned	Orangeburg	—	—	25,062	17,540	20,249
Anderson Regional Landfill	Privately owned	Anderson	372,568	236,757	166,751	183,298	205,313
Bees Ferry Landfill	Publicly owned	Charleston	143,232	147,479	158,095	149,159	147,544
Berkeley County Landfill	Publicly owned	Berkeley	217,064	196,573	187,589	169,620	193,151
CMC Landfill	Privately owned	Lexington	—	116,706	82,489	101,381	100,057
Georgetown County Landfill	Publicly owned	Georgetown	36,645	41,822	45,950	47,192	54,511
Greenwood County Landfill	Publicly owned	Greenwood	82,198	79,554	84,608	61,898	65,095
Hickory Hill Landfill	Privately owned	Jasper	226,493	232,689	194,789	192,371	188,677
Horry County SWA Landfill	Publicly owned	Horry	247,609	233,958	228,611	227,439	222,341
Lee County Landfill, LLC	Privately owned	Lee	1,512,604	1,141,707	646,908	514,885	475,898
Northeast Landfill, LLC	Privately owned	Richland	31,933	117,045	175,504	173,566	187,259
Oakridge Landfill	Privately owned	Dorchester	596,723	470,784	564,378	643,591	794,144
Palmetto Landfill	Privately owned	Spartanburg	568,712	474,882	389,940	394,091	291,086
Pepperhill Landfill	Privately owned	Dorchester	—	16,541	109	99	47
Richland Landfill	Privately owned	Richland	841,336	823,346	956,061	888,984	895,005
SCE&G – Wateree Landfill	Privately owned	Richland	—	—	14,907	110,251	88,783
SCE&G – Williams Hwy. 52 Landfill	Privately owned	Berkeley	—	—	0	140,677	46,771
Savannah River Site Z-Area Landfill	Privately owned	Aiken	—	14,600	12,859	20,060	11,633
Three Rivers SWA Landfill	Publicly owned	Aiken	280,860	262,294	249,744	267,081	267,144
Twin Chimneys Landfill	Publicly owned	Greenville	205,796	199,473	208,789	214,639	228,793
Upstate Regional Landfill	Privately owned	Union	465,876	512,357	669,121	777,941	793,012
Wellford Landfill	Publicly owned	Spartanburg	108,055	121,394	114,830	151,725	110,958

NOTE: This table only includes Class 3 landfills that were active in FY12.

TABLE 8.8: Disposal at Commercial and Non-commercial Class 3 Landfills in Tons

COUNTY OR STATE OF ORIGIN	ABBEVILLE COUNTY LANDFILL	ALBEMARLE CORP. LANDFILL	ANDERSON REGIONAL LANDFILL	BEE'S FERRY LANDFILL	BERKELEY COUNTY LANDFILL	CMC LANDFILL	GEORGETOWN COUNTY LANDFILL	GREENWOOD COUNTY LANDFILL	HICKORY HILL LANDFILL	HORRY COUNTY SWA LANDFILL	LEE COUNTY LANDFILL, LLC	NORTHEAST LANDFILL, LLC	OAKRIDGE LANDFILL
Abbeville	14,331	0	0	0	0	0	0	0	0	0	0	0	4
Aiken	0	0	0	0	0	0	0	0	0	0	0	20	0
Allendale	0	0	0	0	0	0	0	0	853	0	0	0	0
Anderson	699	0	96,467	0	0	0	0	0	0	0	0	0	0
Bamberg	0	0	0	0	0	0	0	0	0	0	0	0	76
Barnwell	0	0	0	0	0	0	0	0	35	0	0	0	0
Beaufort	0	0	0	0	35	0	0	0	140,366	0	0	0	3
Berkeley	0	0	0	20	167,595	0	0	0	0	0	45	0	161,513
Calhoun	0	0	0	0	0	0	0	0	0	0	0	4,607	606
Charleston	0	0	0	147,505	13,787	0	0	0	1	0	0	0	485,090
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	35	257	0
Chesterfield	0	0	0	0	0	0	0	0	0	0	10,149	0	0
Clarendon	0	0	0	0	0	0	0	0	0	0	569	20	155
Colleton	0	0	0	3	71	0	0	0	45	0	0	0	32,367
Darlington	0	0	0	0	0	0	0	0	0	0	50,847	0	0
Dillon	0	0	0	0	0	0	0	0	0	0	26,434	0	1
Dorchester	0	0	0	17	11,566	0	0	0	0	0	0	0	69,320
Edgefield	0	0	0	0	0	0	0	0	0	0	0	0	6
Fairfield	0	0	0	0	0	0	0	0	0	0	0	4,930	1
Florence	0	0	0	0	0	0	0	0	0	0	58,204	91	1,420
Georgetown	0	0	0	0	0	0	54,406	0	11	83	0	0	306
Greenville	0	0	75,008	0	0	0	0	0	0	0	0	0	0
Greenwood	5	0	30	0	0	0	0	65,095	0	0	0	0	0
Hampton	0	0	0	0	7	0	0	0	11,340	0	0	0	0
Horry	0	0	0	0	0	0	105	0	0	222,258	1,495	0	15
Jasper	0	0	0	0	0	0	0	0	19,989	0	0	0	0
Kershaw	0	0	0	0	0	0	0	0	0	0	22,459	1,523	0
Lancaster	0	0	0	0	0	0	0	0	0	0	25,879	24	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	16,604	488	0
Lexington	0	0	0	0	3	100,057	0	0	0	0	23	54,978	0
Marion	0	0	0	0	0	0	0	0	0	0	1,453	0	0
Marlboro	0	0	0	0	0	0	0	0	0	0	13,364	0	0
McCormick	115	0	0	0	0	0	0	0	0	0	12	0	0
Newberry	0	0	0	0	0	0	0	0	0	0	0	853	0
Oconee	0	0	3,026	0	0	0	0	0	0	0	0	0	0
Orangeburg	0	20,249	0	0	15	0	0	0	0	0	0	3,080	37,041
Pickens	0	0	2,900	0	0	0	0	0	0	0	0	0	0
Richland	0	0	0	0	0	0	0	0	0	0	9,388	115,753	1
Saluda	0	0	0	0	0	0	0	0	0	0	0	0	0
Spartanburg	0	0	25,068	0	0	0	0	0	0	0	0	0	0
Sumter	0	0	0	0	0	0	0	0	0	0	11,595	4	4
Union	0	0	2,812	0	0	0	0	0	0	0	0	91	0
Williamsburg	0	0	0	0	72	0	0	0	0	0	2,528	0	6,213
York	0	0	0	0	0	0	0	0	0	0	3	540	0
SC Counties Total Only:	15,150	20,249	205,313	147,544	193,151	100,057	54,511	65,095	172,641	222,341	251,085	187,259	794,142
Georgia	1,968	0	0	0	0	0	0	0	14,630	0	0	0	2
North Carolina	0	0	0	0	0	0	0	0	1,407	0	8,305	0	0
Virginia	0	0	0	0	0	0	0	0	0	0	0	0	0
New York	0	0	0	0	0	0	0	0	0	0	215,226	0	0
New Jersey	0	0	0	0	0	0	0	0	0	0	1,282	0	0
Out of State Total Only:	1,968	0	0	0	0	0	0	0	16,036	0	224,813	0	2
Total Waste Disposed Of at Facility	17,118	20,249	205,313	147,544	193,151	100,057	54,511	65,095	188,677	222,341	475,898	187,259	794,144

TABLE 8.8: Disposal at Commercial and Non-commercial Class 3 Landfills in Tons (continued from previous page)

COUNTY OR STATE OF ORIGIN	PALMETTO LANDFILL	PEPPERHILL LANDFILL	RICHLAND LANDFILL	SCE&G - WATEREE LANDFILL	SCE&G - WILLIAMS HWY 52 LANDFILL	SAVANNAH RIVER SITE Z-AREA LANDFILL	THREE RIVERS SWA LANDFILL	TWIN CHIMNEYS LANDFILL	UPSTATE REGIONAL LANDFILL	WELLFORD LANDFILL	TOTAL AMOUNT OF SOLID WASTE DISPOSED OF IN CLASS 3 LANDFILLS	S.C. SOLID WASTE EXPORTED FOR DISPOSAL OUT OF STATE
Abbeville	21	0	24	0	0	0	0	427	1,067	0	15,874	0
Aiken	0	0	246	0	0	11,633	132,709	0	55	0	144,663	0
Allendale	0	0	0	0	0	0	5,740	0	0	0	6,593	0
Anderson	1,530	0	0	0	0	0	0	823	46,079	0	145,598	10,968
Bamberg	0	0	97	0	0	0	8,951	0	97	0	9,221	0
Barnwell	0	0	86	0	0	0	13,749	0	0	0	13,870	0
Beaufort	0	0	0	0	0	0	0	0	0	0	140,405	0
Berkeley	0	0	0	0	46,771	0	0	0	0	0	375,943	0
Calhoun	0	0	8,419	0	0	0	4,668	0	0	0	18,299	0
Charleston	30	47	0	0	0	0	0	0	0	0	646,461	0
Cherokee	10,498	0	0	0	0	0	0	0	86,623	0	97,121	0
Chester	121	0	20,145	0	0	0	0	0	5,609	0	26,167	1,618
Chesterfield	0	0	7,292	0	0	0	0	0	0	0	17,441	1,174
Clarendon	0	0	13,528	0	0	0	0	0	0	0	14,271	0
Colleton	0	0	0	0	0	0	0	0	0	0	32,485	0
Darlington	0	0	2,523	0	0	0	0	0	0	0	53,370	1,813
Dillon	0	0	183	0	0	0	0	0	0	0	26,619	0
Dorchester	0	0	0	0	0	0	0	0	0	0	80,904	0
Edgefield	0	0	0	0	0	0	13,637	875	13	0	14,532	0
Fairfield	0	0	16,506	0	0	0	0	0	0	0	21,438	0
Florence	0	0	84,285	0	0	0	0	0	0	0	143,999	0
Georgetown	0	0	0	0	0	0	0	0	0	0	54,806	0
Greenville	30,566	0	5	0	0	0	0	170,907	154,180	0	430,666	0
Greenwood	194	0	0	0	0	0	0	13,106	3,776	0	82,206	0
Hampton	0	0	0	0	0	0	0	0	0	0	11,347	0
Horry	0	0	41	0	0	0	0	0	0	0	223,915	0
Jasper	0	0	4	0	0	0	0	0	0	0	19,992	0
Kershaw	0	0	21,058	0	0	0	0	0	0	0	45,040	0
Lancaster	0	0	221	0	0	0	0	0	83	0	26,207	3,944
Laurens	97	0	24	0	0	0	0	1,347	37,738	0	39,205	0
Lee	0	0	80,181	0	0	0	0	0	0	0	97,272	0
Lexington	31	0	128,304	0	0	0	0	0	848	0	284,245	0
Marion	0	0	7,426	0	0	0	0	0	0	0	8,879	0
Marlboro	0	0	1,289	0	0	0	0	0	0	0	14,653	0
McCormick	3	0	13	0	0	0	2,936	825	708	0	4,611	0
Newberry	0	0	547	0	0	0	0	0	36,591	0	37,991	0
Oconee	2,915	0	0	0	0	0	0	0	3,766	0	9,707	41,060
Orangeburg	0	0	56	0	0	0	50,678	0	0	0	111,119	0
Pickens	763	0	0	0	0	0	0	39,717	7,797	0	51,178	4,082
Richland	0	0	235,549	88,783	0	0	0	0	0	0	449,472	0
Saluda	0	0	0	0	0	0	7,973	0	34,561	0	42,534	0
Spartanburg	103,832	0	56	0	0	0	0	744	211,826	110,958	452,484	0
Sumter	0	0	66,701	0	0	0	0	0	0	0	78,304	0
Union	27	0	0	0	0	0	0	0	18,873	0	21,802	0
Williamsburg	0	0	807	0	0	0	0	0	0	0	9,620	0
York	12,472	0	108,225	0	0	0	0	0	2,140	0	123,380	20,239
SC Counties Total Only:	163,098	47	803,839	88,783	46,771	11,633	241,040	228,771	652,428	110,958	4,775,906	84,897
Georgia	0	0	2,427	0	0	0	26,105	0	148	0	45,278	—
North Carolina	127,964	0	88,740	0	0	0	0	0	140,436	0	366,851	—
Virginia	25	0	0	0	0	0	0	0	0	0	25	—
New York	0	0	0	0	0	0	0	22	0	0	215,248	—
New Jersey	0	0	0	0	0	0	0	0	0	0	1,282	—
Out of State Total Only:	127,989	0	91,166	0	0	0	26,105	22	140,584	0	628,684	—
Total Waste Disposed Of at Facility	291,086	47	895,005	88,783	46,771	11,633	267,144	228,793	793,012	110,958	5,404,589	84,897

TABLE 8.9: TSW Disposal in Commercial and Non-commercial Class 3 Landfills, Incinerators and Exported by Type of Waste in Tons

COUNTY	MSW DISPOSED OF IN CLASS 3 LANDFILLS & EXPORTED FOR DISPOSAL	ASH	C&D DEBRIS (DISPOSED OF + INCINERATED)	INDUSTRIAL PROCESS WASTE	PROCESSED WASTE TIRES	NATURAL DISASTER DEBRIS	OTHER	TSW DISPOSED OF IN CLASS 3 LANDFILLS, INCINERATED & EXPORTED FOR DISPOSAL
Abbeville	9,543	0	114	6,193	0	0	24	15,874
Aiken	88,563	33,714	16	9,492	0	0	12,879	144,663
Allendale	4,164	0	0	2,001	0	0	428	6,593
Anderson	114,410	0	654	28,100	0	0	13,403	156,567
Bamberg	9,069	0	0	149	0	0	3	9,221
Barnwell	11,268	0	34,240	2,571	0	0	3	48,083
Beaufort	125,439	0	6,213	0	0	0	10,587	142,239
Berkeley	85,986	46,987	34,594	166,236	0	0	42,141	375,943
Calhoun	7,611	353	0	7,766	0	0	2,570	18,299
Charleston	285,349	2,658	47,029	42,897	0	0	268,529	646,461
Cherokee	56,377	0	17	40,704	0	0	24	97,121
Chester	19,192	118	0	5,813	2,038	0	624	27,785
Chesterfield	14,748	0	0	3,081	571	0	214	18,615
Clarendon	14,240	0	0	11	0	0	20	14,271
Colleton	17,191	3	1,814	12,370	0	0	1,108	32,485
Darlington	33,073	0	0	20,658	0	0	1,453	55,183
Dillon	17,077	0	8,842	697	0	0	3	26,619
Dorchester	62,350	17	6,642	11,156	0	0	738	80,904
Edgefield	11,730	0	0	0	2,801	0	0	14,532
Fairfield	19,098	0	32	432	28	0	1,848	21,438
Florence	107,125	0	31	22,095	915	0	13,833	143,999
Georgetown	46,544	306	0	0	0	0	7,956	54,806
Greenville	288,638	51	4,813	111,253	0	0	25,911	430,666
Greenwood	56,466	0	5,640	253	11,201	0	8,647	82,206
Hampton	10,948	0	21	0	0	0	378	11,347
Horry	222,363	0	0	78	0	0	1,473	223,915
Jasper	11,788	0	1,272	0	0	0	7,682	20,741
Kershaw	27,626	178	977	15,955	0	0	305	45,040
Lancaster	29,697	0	0	194	0	0	260	30,151

TABLE 8.9: TSW Disposal in Commercial and Non-commercial Class 3 Landfills, Incinerators and Exported by Type of Waste in Tons (continued from previous page)

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	34,118	0	461	4,569	0	0	58	39,205
Lee	9,848	0	1,184	4,312	0	0	81,928	97,272
Lexington	139,471	36	435	117,268	0	0	27,035	284,245
Marion	8,213	0	96	549	0	0	21	8,879
Marlboro	12,219	0	88	2,177	0	0	169	14,653
McCormick	4,060	0	14	519	0	0	18	4,611
Newberry	29,266	0	0	8,613	0	0	111	37,991
Oconee	44,813	0	0	5,948	0	0	7	50,767
Orangeburg	55,687	703	347	54,191	0	0	189	111,119
Pickens	51,958	0	4,922	2,329	0	0	751	59,959
Richland	270,226	89,045	13,601	60,208	0	0	16,394	449,472
Saluda	7,982	0	0	34,551	0	0	0	42,534
Spartanburg	239,584	0	7,882	203,618	0	0	1,400	452,484
Sumter	54,246	0	34	21,184	0	0	2,841	78,304
Union	19,594	0	755	1,303	0	0	150	21,802
Williamsburg	6,976	0	0	2,644	0	0	0	9,620
York	139,941	391	0	2,228	0	0	1,058	143,618
SC COUNTIES TOTAL ONLY (MSWLF/TS/EXP/INC):	2,935,876	174,558	182,777	1,036,362	17,555	0	555,171	4,902,299
Georgia	14,457	0	212	27,814	1,577	0	1,366	45,426
North Carolina	290,626	12	909	67,477	0	0	7,827	366,851
New Jersey	1,282	0	0	0	0	0	0	1,282
New York	215,226	0	0	0	0	0	22	215,248
Virginia	0	0	0	25	0	0	0	25
OUT OF STATE TOTAL ONLY (MSWLF):	521,592	12	1,121	95,315	1,577	0	9,215	628,832
TOTAL BY WASTE STREAM	3,457,467	174,570	183,898	1,131,677	19,132	0	564,387	5,531,130

TABLE 8.10: 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	25,161	15.5	0.4	2.1	2.5	1,744	9,543
Aiken	160,682	13.8	0.5	3.0	3.5	14,199	88,563
Allendale	10,181	5.0	0.1	2.2	2.4	217	4,164
Anderson	188,488	11.7	0.4	3.3	3.8	15,145	114,410
Bamberg	15,975	9.3	0.3	3.1	3.4	928	9,069
Barnwell	22,358	11.7	0.4	2.8	3.1	1,492	11,268
Beaufort	164,684	27.2	1.6	4.2	5.7	46,973	125,439
Berkeley	183,525	15.5	0.5	2.6	3.0	15,746	85,986
Calhoun	15,145	8.6	0.3	2.8	3.0	717	7,611
Charleston	357,704	39.3	2.8	4.4	7.2	184,986	285,349
Cherokee	55,540	11.6	0.7	5.6	6.3	7,407	56,377
Chester	32,916	8.0	0.3	3.2	3.5	1,657	19,192
Chesterfield	46,557	13.2	0.3	1.7	2.0	2,241	14,748
Clarendon	34,726	13.0	0.3	2.3	2.6	2,124	14,240
Colleton	38,611	12.1	0.3	2.4	2.8	2,358	17,191
Darlington	68,299	14.9	0.5	2.7	3.1	5,794	33,073
Dillon	31,758	14.5	0.5	3.0	3.4	2,886	17,077
Dorchester	140,892	30.8	1.1	2.4	3.5	27,748	62,350
Edgefield	26,670	15.2	0.4	2.4	2.8	2,101	11,730
Fairfield	23,571	12.4	0.6	4.4	5.1	2,700	19,098
Florence	137,862	23.8	1.3	4.3	5.6	33,393	107,125
Georgetown	59,991	16.9	0.9	4.3	5.1	9,476	46,544
Greenville	461,299	41.8	2.5	3.4	5.9	207,439	288,638
Greenwood	69,835	33.0	2.2	4.4	6.6	27,812	56,466
Hampton	20,821	24.8	1.0	2.9	3.8	3,610	10,948
Horry	276,340	30.6	1.9	4.4	6.4	98,002	222,363
Jasper	25,195	12.5	0.4	2.6	2.9	1,689	11,788
Kershaw	62,273	27.7	0.9	2.4	3.4	10,565	27,626
Lancaster	77,908	28.3	0.8	2.1	2.9	11,708	29,697
Laurens	66,528	23.2	0.8	2.8	3.7	10,299	34,118
Lee	18,976	30.5	1.2	2.8	4.1	4,317	9,848
Lexington	267,129	39.1	1.8	2.9	4.7	89,571	139,471
Marion	32,846	33.6	0.7	1.4	2.1	4,157	8,213
Marlboro	28,509	30.5	1.0	2.4	3.4	5,356	12,219
McCormick	10,035	12.9	0.3	2.2	2.5	603	4,060
Newberry	37,721	20.8	1.1	4.3	5.4	7,694	29,266
Oconee	74,418	26.4	1.2	3.3	4.5	16,042	44,813
Orangeburg	91,910	21.7	0.9	3.3	4.2	15,445	55,687
Pickens	119,574	34.7	1.3	2.4	3.6	27,630	51,958
Richland	389,116	30.4	1.7	3.8	5.5	117,901	270,226
Saluda	19,882	20.4	0.6	2.2	2.8	2,043	7,982
Spartanburg	286,868	29.5	1.9	4.6	6.5	100,043	239,584
Sumter	107,460	23.1	0.8	2.8	3.6	16,322	54,246
Union	28,679	35.3	2.0	3.7	5.8	10,685	19,594
Williamsburg	34,084	20.5	0.3	1.1	1.4	1,798	6,976
York	230,528	28.7	1.3	3.3	4.7	56,341	139,941
STATE TOTALS/ AVERAGES	4,679,230	29.5	1.4	3.4	4.9	1,229,100	2,935,876

TABLE 8.11: TSW Recycling, Disposal and Generation in Tons

COUNTY	POPULATION	TSW DISPOSED OF IN CLASS 3 LANDFILLS, SOLID WASTE (SW) INCINERATORS & EXPORTED	TSW DISPOSED OF IN CLASS 2 LANDFILLS	TSW DISPOSED OF IN CLASS 1 LANDFILLS	TOTAL AMOUNT OF ALL SW DISPOSED OF IN LANDFILLS OR INCINERATED	TOTAL RECYCLING EFFORTS	TOTAL AMOUNT OF SW GENERATED (RECYCLED + DISPOSED)	PERCENT OF ALL SW GENERATED THAT WAS RECYCLED (SW RECYCLED ÷ SW GENERATED)
Abbeville	25,161	15,874	6,719	0	22,593	9,753	32,347	30.2
Aiken	160,682	144,663	120,944	10,787	276,395	15,637	292,032	5.4
Allendale	10,181	6,593	3,081	0	9,673	227	9,901	2.3
Anderson	188,488	156,567	86,132	16,855	259,554	40,840	300,393	13.6
Bamberg	15,975	9,221	5,609	0	14,830	1,226	16,056	7.6
Barnwell	22,358	48,083	40,687	0	88,770	1,682	90,452	1.9
Beaufort	164,684	142,239	65,464	0	207,703	106,456	314,159	33.9
Berkeley	183,525	375,943	519,954	0	895,897	1,788,449	2,684,347	66.6
Calhoun	15,145	18,299	3,537	0	21,836	9,842	31,679	31.1
Charleston	357,704	646,461	149,081	0	795,542	199,134	994,676	20.0
Cherokee	55,540	97,121	23,853	0	120,974	52,907	173,882	30.4
Chester	32,916	27,785	18,907	0	46,692	1,685	48,377	3.5
Chesterfield	46,557	18,615	15,453	0	34,068	4,051	38,119	10.6
Clarendon	34,726	14,271	10,086	0	24,357	2,177	26,534	8.2
Colleton	38,611	32,485	15,501	0	47,986	4,124	52,110	7.9
Darlington	68,299	55,183	42,552	0	97,735	67,810	165,545	41.0
Dillon	31,758	26,619	9,817	0	36,436	3,089	39,525	7.8
Dorchester	140,892	80,904	36,249	0	117,153	41,583	158,735	26.2
Edgefield	26,670	14,532	6,015	2,343	22,890	3,268	26,158	12.5
Fairfield	23,571	21,438	614	0	22,052	5,211	27,263	19.1
Florence	137,862	143,999	102,747	316	247,061	42,255	289,316	14.6
Georgetown	59,991	54,806	34,931	0	89,737	181,461	271,198	66.9
Greenville	461,299	430,666	166,340	621	597,626	424,232	1,021,858	41.5
Greenwood	69,835	82,206	9,221	1,491	92,918	75,662	168,580	44.9
Hampton	20,821	11,347	2,837	0	14,184	7,801	21,985	35.5
Horry	276,340	223,915	90,370	0	314,285	227,224	541,509	42.0
Jasper	25,195	20,741	3,500	291	24,533	1,793	26,326	6.8
Kershaw	62,273	45,040	34,417	3,210	82,667	10,844	93,510	11.6
Lancaster	77,908	30,151	57,214	3,750	91,115	12,343	103,458	11.9
Laurens	66,528	39,205	18,761	400	58,367	11,271	69,637	16.2
Lee	18,976	97,272	81	0	97,352	4,327	101,679	4.3
Lexington	267,129	284,245	134,196	5,369	423,809	551,330	975,140	56.5
Marion	32,846	8,879	7,846	0	16,725	4,183	20,908	20.0
Marlboro	28,509	14,653	9,614	0	24,267	12,375	36,642	33.8
McCormick	10,035	4,611	572	18	5,201	661	5,862	11.3
Newberry	37,721	37,991	8,339	66	46,396	110,159	156,555	70.4
Oconee	74,418	50,767	636	1,801	53,204	19,164	72,369	26.5
Orangeburg	91,910	111,119	224,121	0	335,240	161,467	496,707	32.5
Pickens	119,574	59,959	18,417	1,566	79,942	74,216	154,158	48.1
Richland	389,116	449,472	319,102	10,868	779,443	133,433	912,876	14.6
Saluda	19,882	42,534	376	162	43,072	2,591	45,663	5.7
Spartanburg	286,868	452,484	102,249	1,524	556,256	138,176	694,432	19.9
Sumter	107,460	78,304	44,695	423	123,423	39,742	163,165	24.4
Union	28,679	21,802	7,416	1,809	31,027	43,655	74,683	58.5
Williamsburg	34,084	9,620	15,040	0	24,660	25,762	50,422	51.1
York	230,528	143,618	129,583	7,710	280,911	639,563	920,474	69.5
TOTAL FOR S.C. COUNTIES	4,679,230	4,902,299	2,722,880	71,380	7,696,559	5,314,842	13,011,401	40.8
OUT OF STATE TOTAL	—	628,832	59,395	1,288	689,514	—	—	—
TOTAL WASTE STREAM	—	5,531,130	2,782,275	72,667	8,386,073	5,314,842	—	—

TABLE 8.12: Class 1 Landfill Disposal in Tons

COUNTY OR PLACE OF ORIGIN	FY08	FY09	FY10	FY11	FY12
Abbeville	0	697	0	0	0
Aiken	23,962	13,543	12,906	10,049	10,787
Allendale	3	0	0	0	0
Anderson	10,920	18,057	23,964	21,911	16,855
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	120	0
Chesterfield	0	0	0	0	0
Clarendon	0	0	0	0	0
Colleton	0	0	0	0	0
Darlington	0	0	0	0	0
Dillon	0	0	0	0	0
Dorchester	0	0	0	0	0
Edgefield	3,119	1,374	1,400	1,709	2,343
Fairfield	0	0	0	0	0
Florence	0	0	0	0	316
Georgetown	0	0	0	0	0
Greenville	180	113	286	326	621
Greenwood	159	1,245	1,176	1,005	1,491
Hampton	0	0	0	0	0
Horry	0	0	0	0	0
Jasper	456	0	211	305	291
Kershaw	2,525	2,305	2,190	3,005	3,210
Lancaster	0	380	435	640	3,750
Laurens	130	446	490	525	400
Lee	0	0	0	0	0
Lexington	37,146	16,545	7,329	4,623	5,369
Marion	0	0	0	0	0
Marlboro	0	0	0	0	0
McCormick	8	32	0	0	18
Newberry	215	63	0	85	66
Oconee	6,055	3,930	1,187	599	1,801
Orangeburg	0	0	0	0	0
Pickens	3,392	920	175	503	1,566
Richland	13,287	7,682	7,365	9,256	10,868
Saluda	325	228	512	143	162
Spartanburg	1,305	470	1,214	1,049	1,524
Sumter	0	0	0	241	423
Union	0	2,802	2,220	2,202	1,809
Williamsburg	0	0	0	0	0
York	25,241	1,652	1,681	4,497	7,710
Total South Carolina	128,429	72,484	64,739	62,792	71,380
Total Out-of-State	5,032	1,008	902	1,893	1,288
TOTAL AMOUNT DISPOSED OF	133,461	73,492	65,641	64,685	72,667

TABLE 8.13: Class 2 Landfill Disposal and Estimated Remaining Life

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY12 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Abbeville	Abbeville County	10,000	6,795	281.4
Aiken	Aiken County (Barden)	80,000	58,888	18.5
Aiken	Aiken County (Wagener)	5,000	1,939	57.9
Aiken	Owens Corning Fiberglass	—	14,977	40.6
Aiken	Rainbow Falls Road	103,216	53,541	59.0
Aiken	Savannah River Site 288-F	2,500	0	5.3
Aiken	Savannah River Site 488-4D	25,000	19,910	3.5
Aiken	Williams C&D	57,500	196	20.0
Allendale	Appleton	21,000	4,093	33.4
Anderson	Anderson County (Starr)	43,300	10,574	32.8
Anderson	Clemson University	25,000	2,000	10.8
Anderson	Enterprise Material Handling	74,000	43,115	25.8
Anderson	Greenpointe	57,000	29,073	25.6
Anderson	Owens Corning Fiberglass	—	11,624	66.3
Bamberg	Bamberg County	13,000	4,865	75.3
Barnwell	Barnwell County	32,000	7,073	22.9
Barnwell	Savannah River Site 632-G	120,000	37,822	41.0
Beaufort	Barnwell Resources, Inc	156,000	17,413	49.0
Berkeley	Berkeley County	214,703	40,727	2.0
Berkeley	Kapstone Charleston Kraft	—	133,409	54.8
Berkeley	Santee Cooper (Cross Generating Station)	—	335,520	3.5
Calhoun	Calhoun County	13,500	2,362	8.2
Calhoun	DAK Americas	—	1,168	24.9
Charleston	Charleston County Bees Ferry	200,000	7,200	0.2
Charleston	Spring Grove Environmental	500,000	101,709	165.8
Cherokee	Cherokee County	20,000	20,432	27.0
Cherokee	City of Gaffney	8,930	3,084	32.6
Chester	Bennett Industrial	205,200*	28,650	27.0
Chester	Chester County	4,800	2,909	2.1
Chesterfield	Furr Facility	32,700	23,899	57.0
Clarendon	Clarendon County	10,000	10,086	1.5
Colleton	Colleton County	30,000	15,145	21.0
Darlington	Darlington County	15,200	14,706	54.3
Darlington	Sonoco Products Company	50,000	21,606	1.5
Dillon	Dillon County	11,700	10,822	7.2
Dorchester	Carolina Landfill, LLC	120,120	87,646	38.3
Florence	Florence County	25,000	294	20.0
Florence	Lake City, City of	12,900	2,651	102.7
Florence	Pee Dee Environmental Services, Inc.	892,000	73,275	42.2
Florence	RockTenn	103,032	32,473	16.7
Georgetown	Georgetown County	51,000	17,420	6.0
Georgetown	International Paper	120,000	17,500	4.1
Greenville	General Electric	—	513	0.0
Greenville	Greenville LT (Republic)	200,000	19,402	4.0
Greenville	Twin Chimneys/Greenville County	87,157	75,371	14.2
Greenville	WCA Shiloh	128,000	49,550	12.3
Greenwood	Greenwood County	31,250	7,928	6.8
Hampton	Hampton County	12,600	2,703	6.6

*Permitted in cubic yards per year, used conversion 1 cubic yard = 0.6 tons NOTE: A dash indicates no permitted disposal rate.

Continued on the following page

TABLE 8.13: Class 2 Landfill Disposal and Estimated Remaining Life (continued from previous page)

COUNTY	LANDFILL	PERMITTED ANNUAL RATE OF DISPOSAL IN TONS	FY12 DISPOSAL IN TONS	ESTIMATED REMAINING LIFE OF FACILITY IN YEARS
Horry	Horry County SWA	250,000	90,363	7.4
Jasper	Oakwood	188,000	51,704	23.4
Jasper	Snake Road	113,200	**	**
Kershaw	Kershaw County	30,000	26,401	27.0
Kershaw	Loveless & Loveless, Inc.	200,000	97,903	197.0
Kershaw	Pine Hill	170,000	78,191	107.3
Lancaster	Mining Road	200,000	64,751	27.0
Laurens	City of Clinton	13,000	72	34.7
Laurens	Curry Lake C&D	241,591	66,101	8.3
Laurens	Hwy 92	154,000	**	**
Lexington	Carolina Materials	240,000	45,756	20.0
Lexington	Hwy 378	25,000	**	**
Lexington	Lexington County (Edmund)	216,000	58,733	11.3
Lexington	S&T Recycling LLC	7,200*	2,200	62.8
Lexington	SCE&G McMeekin Station	—	3,830	6.0
Lexington	Southeastern Associates	120,000	29,248	11.7
Marion	Hwy. 908	206,540	**	**
Marion	Marion County	135,350	7,551	12.0
Marion	Sandlands Phase II	206,500	**	**
Marlboro	Domtar Paper	12,000	1,764	58.6
Newberry	Southeastern Resource Recovery	208,000	14,284	46.9
Oconee	Duke Power - Oconee Nuclear Station	2,000	564	25.4
Oconee	Oconee County	37,615	**	**
Orangeburg	Orangeburg County	31,000	17,102	0.3
Orangeburg	SCE&G Cope Station	—	206,428	107.3
Pickens	Hwy. 93	70,500	**	**
Pickens	Pickens County	20,000	15,282	3.7
Richland	Carolina Grading, Inc.	122,400	2	151.0
Richland	International Paper	—	120,000	15.5
Richland	Intertape Polymer Group	10,000	0	0.0
Richland	Richland County C&D and LCD	200,000	34,234	33.0
Spartanburg	Kohler Company	—	7,890	98.1
Spartanburg	Spartanburg County	80,000	63,407	7.5
Spartanburg	Tindall Special Waste	—	0	0.0
Sumter	Sumter County	51,333	36,053	7.5
Williamsburg	DSM Nutritional Products, LLC	80,000	10,446	2.0
Williamsburg	Williamsburg County	4,370	4,519	0.0
York	Coltharp	70,000	70,113	4.0
York	Duke Power - Catawba Nuclear Station	—	4	0.0
York	Green's of Rock Hill #1	365,000***	**	**
York	Green's of Rock Hill #2	365,000***	**	**
York	Resolute Forest Products	—	13,673	9.6
York	Rogers	58,300	2,800	10.0
York	York County	75,000	56,848	8.9
TOTAL		8,503,207	2,782,275	33.5****

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

NOTE: A dash indicates no permitted disposal rate.

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. 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 municipal governments.

LOCAL PLANNING RESPONSIBILITIES

County/Regional Solid Waste Management Plans

The S.C. Solid Waste Policy and Management Act of 1991 – S.C. Code of Laws § 44-96-80 – requires each county to have a comprehensive solid waste management plan to ensure adequate disposal capacity. Counties may create and implement regional solid waste management plans.

These local plans – which are required to address a 20-year planning period – must be consistent with the S.C. Solid Waste Management Plan and include:

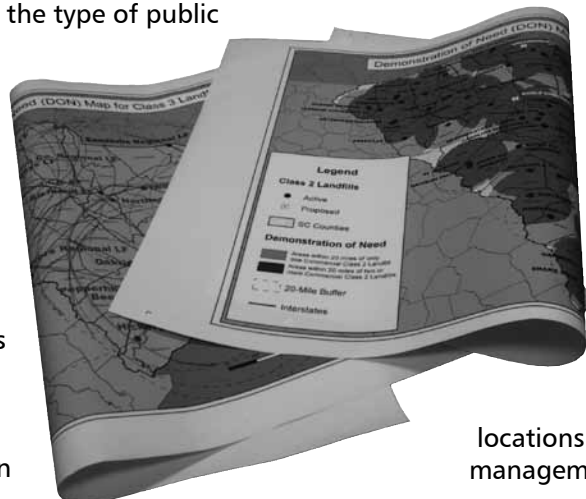
- the amount and type of solid waste projected to be disposed of within the county or region;
- an estimate of the current capacity within that county or region to manage its solid waste;
- an analysis of the waste facilities that will be needed to manage the solid waste generated;
- a description of the recycling program including material collected and the type of public education/outreach programs offered; and
- an outline of how the county or region expects to meet the state's recycling and disposal goals.

DHEC considers local plans when making consistency determinations for solid waste facilities. It is important that language in

the local plan 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, applicable facility types and methods of treatment.

DHEC encourages counties and regions to:

- review their solid waste management plans periodically to assess the impact of regulatory changes, new permit issuances, population changes and waste generation trends and update or revise plans as needed;
- provide opportunities for cities, towns, the public and other affected parties within the county or region to have input in the plan revisions; and
- consult the most recent copy of the “South Carolina Solid Waste Management Annual Report” for updated solid waste data.



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.

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 – S.C. Code of Laws § 44-96-60 – also requires the state to have a comprehensive solid waste management plan. The S.C. Solid Waste Management Plan (State Plan) includes:

- an inventory of the amount and type 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; and
- an analysis and evaluation of current practices.

The State Plan was adopted in 1992 and revised in 1999. In 2006, a revision was made to establish limits for facilities that use emerging technologies. This annual report is an update to the State Plan as required by the Act. A revision to the State Plan is currently being drafted and will be made available for public review and comment in 2013.

Consistency Determinations

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

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

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

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

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.

Class 2 Landfills

Class 2 landfills accept land-clearing debris, certain construction and demolition debris, certain household furniture and under certain conditions, animal carcasses. Class 2 landfills have a 20-mile planning radius. (See pages 106-107 for a map detailing Class 2 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 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 9.2 on pages 102-103 for Class 2 waste generated for disposal by county for use in DON.

Class 3 Landfills

Class 3 landfills accept municipal solid waste (MSW), industrial solid waste, sewage sludge, non-hazardous MSW incinerator ash and other non-hazardous waste. For new commercial Class 3 landfills, allowable tonnage is calculated using 100 percent of the host county generation and 50 percent of other counties' generation within the planning area (none is counted from other counties that have an existing Class 3 landfill). Class 3 landfills have a 75-mile planning radius. (See pages 108-109 for a map detailing Class 3 landfill locations and planning radii.)

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

In addition, the allowable yearly disposal rate at any Class 3 landfill cannot exceed 30 percent of the total solid waste generated in South Carolina that is destined for disposal in Class 3 landfills. Class 3 landfills operating on the effective date of the regulation are allowed variances from certain DON requirements with respect to replacement facilities, tonnage increases and expansions.

See Table 9.3 on pages 104-105 for Class 3 waste generated for disposal by county for use in DON.

Solid Waste Incinerators

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

The planning area for a solid waste incinerator is 75 miles. There are no permitted MSW incinerators in the state.

Solid Waste Processing Facilities

The maximum allowable yearly throughput of a solid waste processing facility that processes waste destined for disposal at a Class 3 landfill is equal to 100 percent of the solid waste destined for disposal that is generated in the host county and 50 percent of the waste generated in each county other than the host county, that falls wholly or partially within the 75-mile planning radius. (See pages 110-111 for a map detailing Class 3 Solid Waste Processing Facility locations and planning radii.)

TABLE 9.1: DON Requirements for New Solid Waste Management (SWM) Facilities

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

TABLE 9.2: Class 2 Waste Generated for Disposal in Tons for Use in Demonstration of Need

COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Abbeville	1,060	896	766	1,191	13,510	4,550	6,597	3,256	2,554	8,180	7,049	5,527	6,719
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	81,383
Allendale	526	962	1,814	3,534	1,578	3,128	2,354	2,171	1,509	1,586	10,482	3,440	3,081
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	72,508
Bamberg	5,742	4,341	5,796	5,788	4,883	4,811	6,175	6,381	126	18,871	5,357	13,693	5,609
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	7,539
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	65,464
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	51,025
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	2,369
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	149,081
Cherokee	12,123	8,695	10,916	8,586	10,658	21,604	16,240	9,818	10,402	10,613	15,509	23,385	23,853
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	18,907
Chesterfield	0	3,746	7,545	15,192	12,805	16,194	14,738	12,181	0	11,855	11,946	11,373	15,453
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	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	15,501
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	20,946
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	9,817
Dorchester	29,250	17,706	16,069	10,044	0	63,910	77,295	82,099	94,641	57,612	24,130	33,078	36,249
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	6,015
Fairfield	104	0	407	311	126	209	399	284	780	343	859	1,510	614
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	70,274
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	17,431
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	165,827

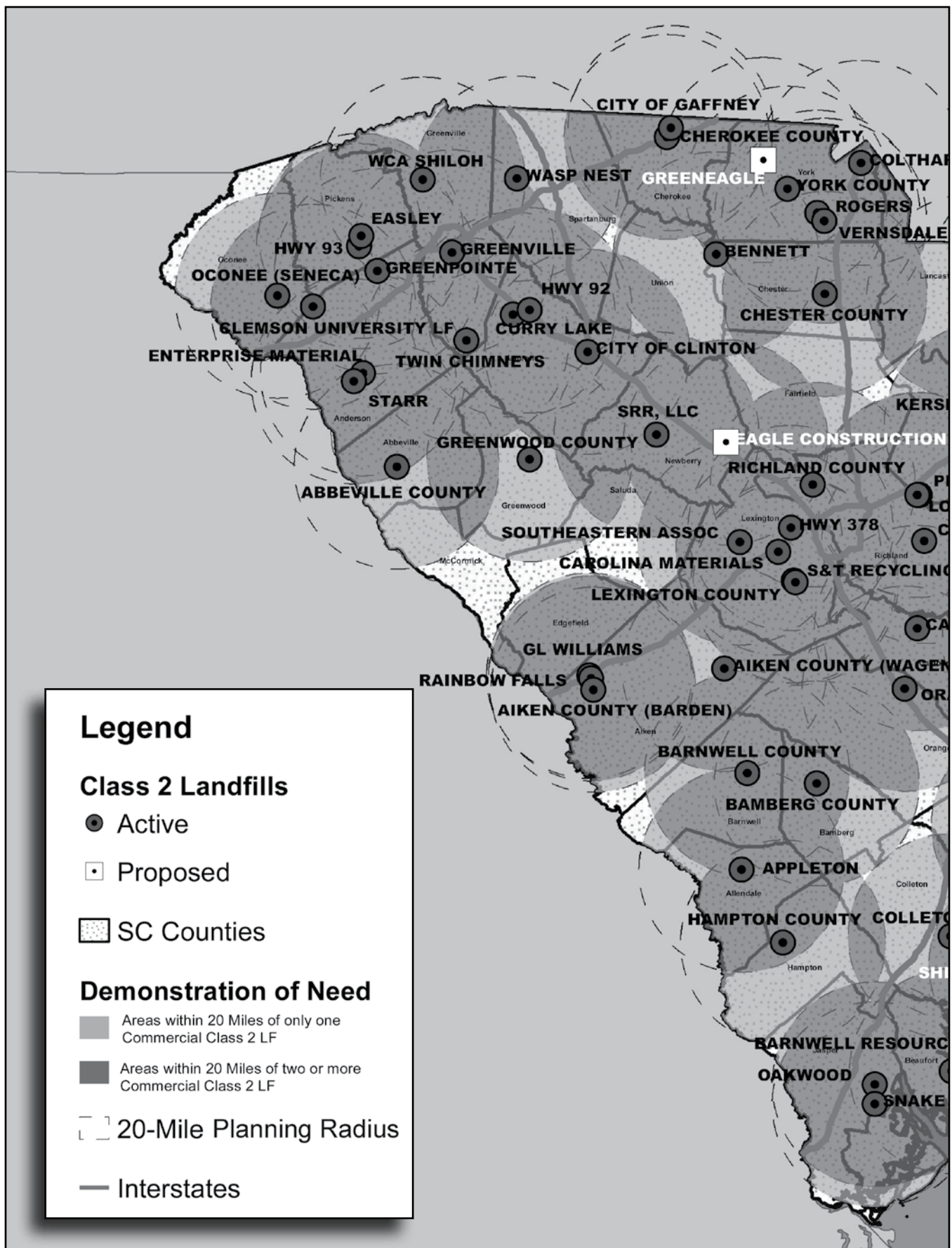
COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Greenwood	15,276	2,932	8,343	12,283	8,908	14,696	20,174	26,714	21,063	28,908	13,838	29,587	9,221
Hampton	3,761	3,349	5,714	3,221	7,444	8,590	7,786	8,993	7,462	10,466	3,001	3,901	2,837
Horry	136,306	121,949	116,954	135,648	170,856	155,676	226,672	332,583	141,007	109,953	82,451	80,687	90,370
Jasper	921	768	6,868	1,028	812	176	3,681	4,907	5,837	3,137	3,047	3,885	3,500
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	34,417
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	57,214
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	18,761
Lee	0	0	0	0	0	0	0	0	0	0	0	152	81
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	130,366
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	7,846
Marlboro	181	540	1,059	1,034	1,040	845	1,212	2,491	0	10,486	7,810	10,219	7,850
McCormick	872	1,086	937	820	957	1,335	4,409	1,669	1,009	1,023	1,616	349	572
Newberry	7	205	517	632	997	1,098	2,263	1,219	10,577	7,024	7,657	7,430	8,339
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	72
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	17,693
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	18,417
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	199,102
Saluda	2,054	1,700	2,028	1,116	1,176	1,149	1,960	1,465	1,614	1,601	1,521	416	376
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	94,359
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	44,695
Union	3,814	5,892	20,178	2,928	1,018	1,236	8,421	2	6	3,082	3,790	5,273	7,416
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	4,594
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	115,906
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	1,761,791	1,729,760

NOTE: This data is used for calculating annual tonnage limits as related to R.61-107.17 – effective June 26, 2009. The historical data reported has been adjusted to reflect changes in the DON regulation. FY11 data has been updated to reflect the most current information available.

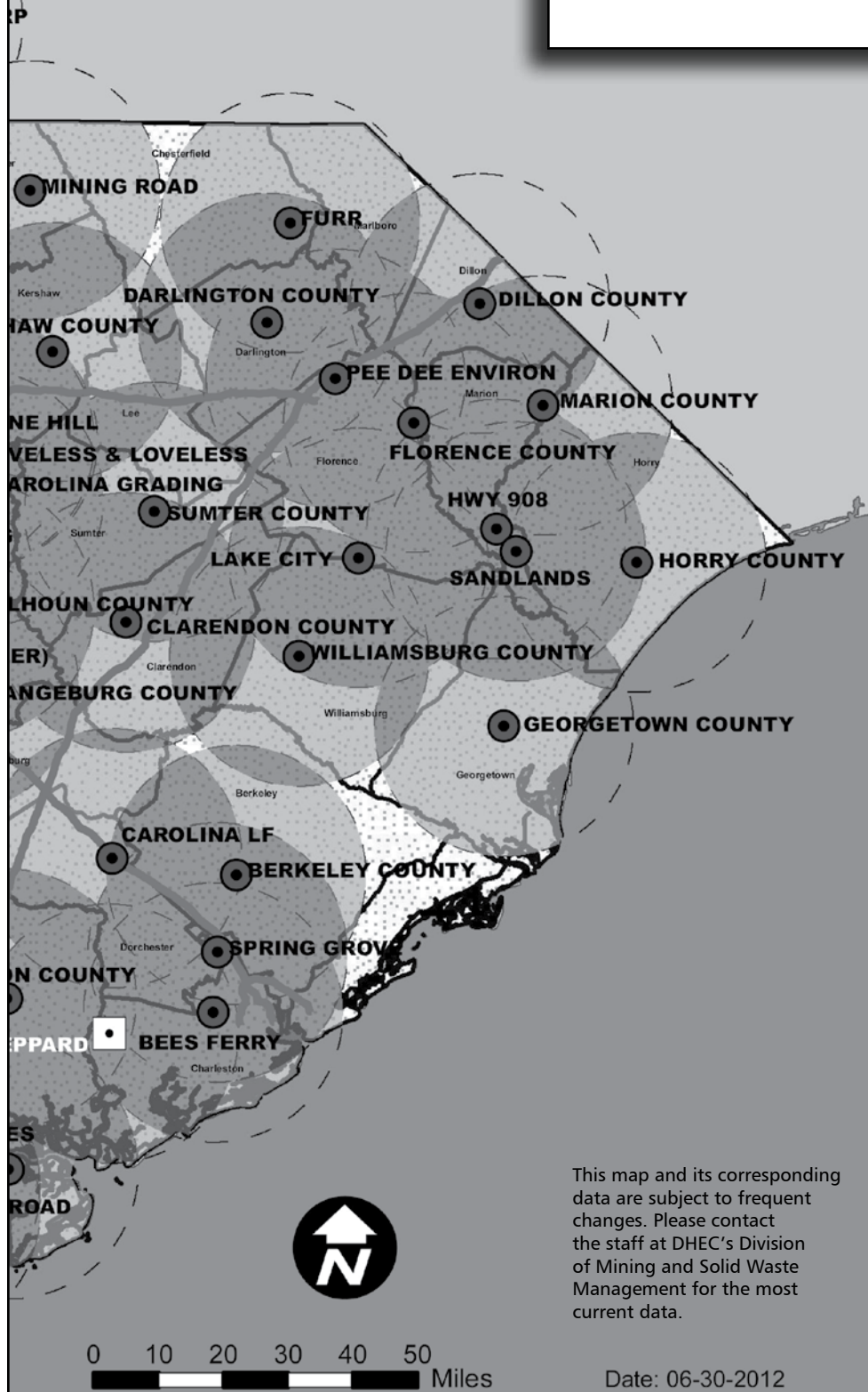
TABLE 9.3: Class 3 Waste Generated for Disposal in Tons for Use in Demonstration of Need													
COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
Abbeville	25,486	25,879	23,792	25,909	18,817	15,836	17,219	17,959	15,611	13,987	13,874	15,844	15,874
Aiken	103,087	121,897	101,193	111,935	149,515	131,285	101,563	125,796	127,491	120,058	114,556	131,596	133,030
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	6,593
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	156,567
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	9,221
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	13,870
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	140,405
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	329,172
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	18,299
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	646,461
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	97,121
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	27,785
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	18,615
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	14,271
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	32,485
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	55,183
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	26,619
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	80,904
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	14,532
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	21,438
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	143,999
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	54,806
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	430,666

COUNTY	FY00	FY01	FY02	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10	FY11	FY12
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	82,206
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	11,347
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	223,915
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	19,992
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	45,040
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	30,151
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	39,205
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	97,272
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	184,188
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	8,879
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	14,653
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	4,611
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	37,991
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	50,767
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	90,870
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	55,259
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	360,689
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	42,534
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	452,484
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	78,304
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	21,802
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	9,620
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	143,618
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	4,593,310

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



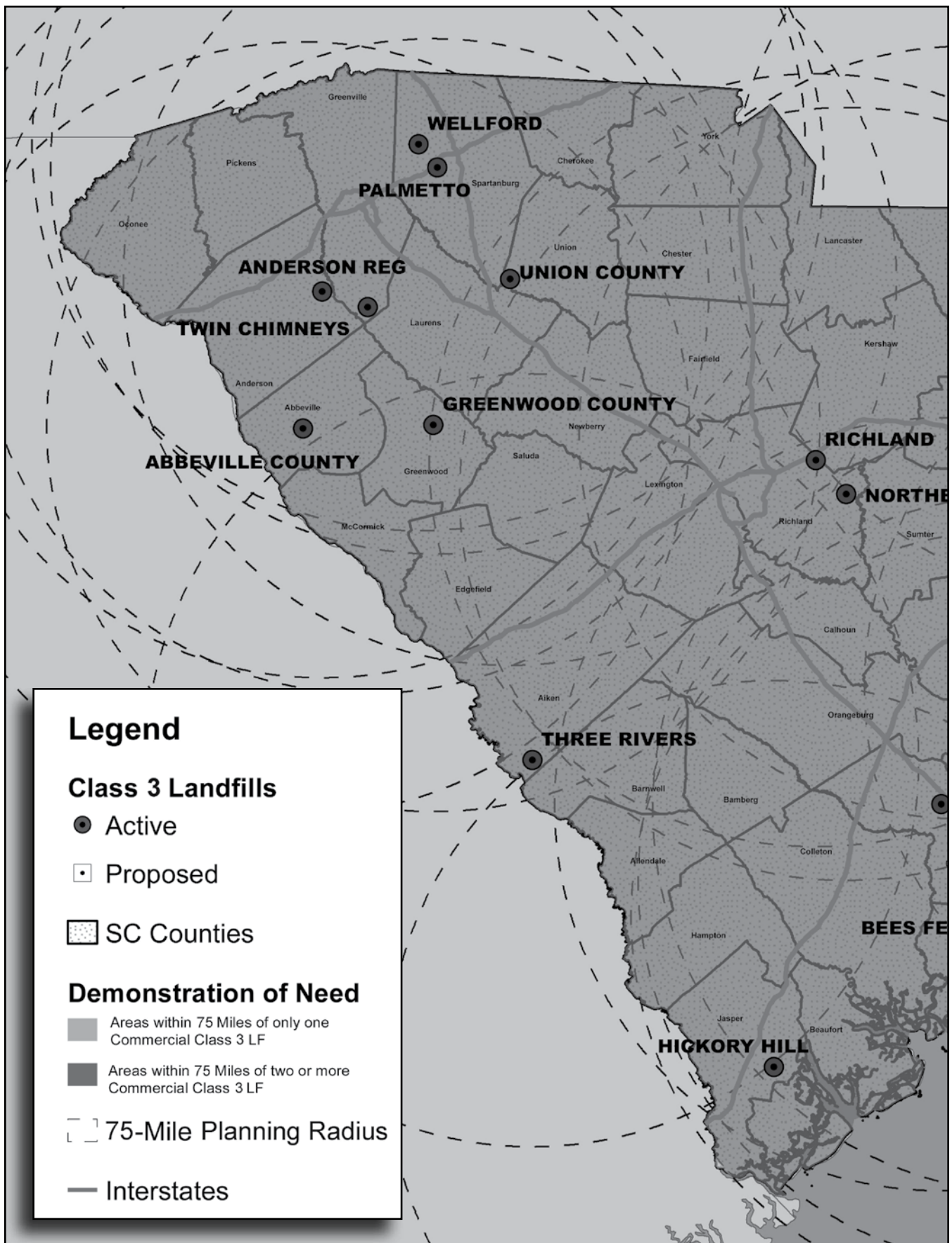
DEMONSTRATION OF NEED MAP CLASS 2 LANDFILLS



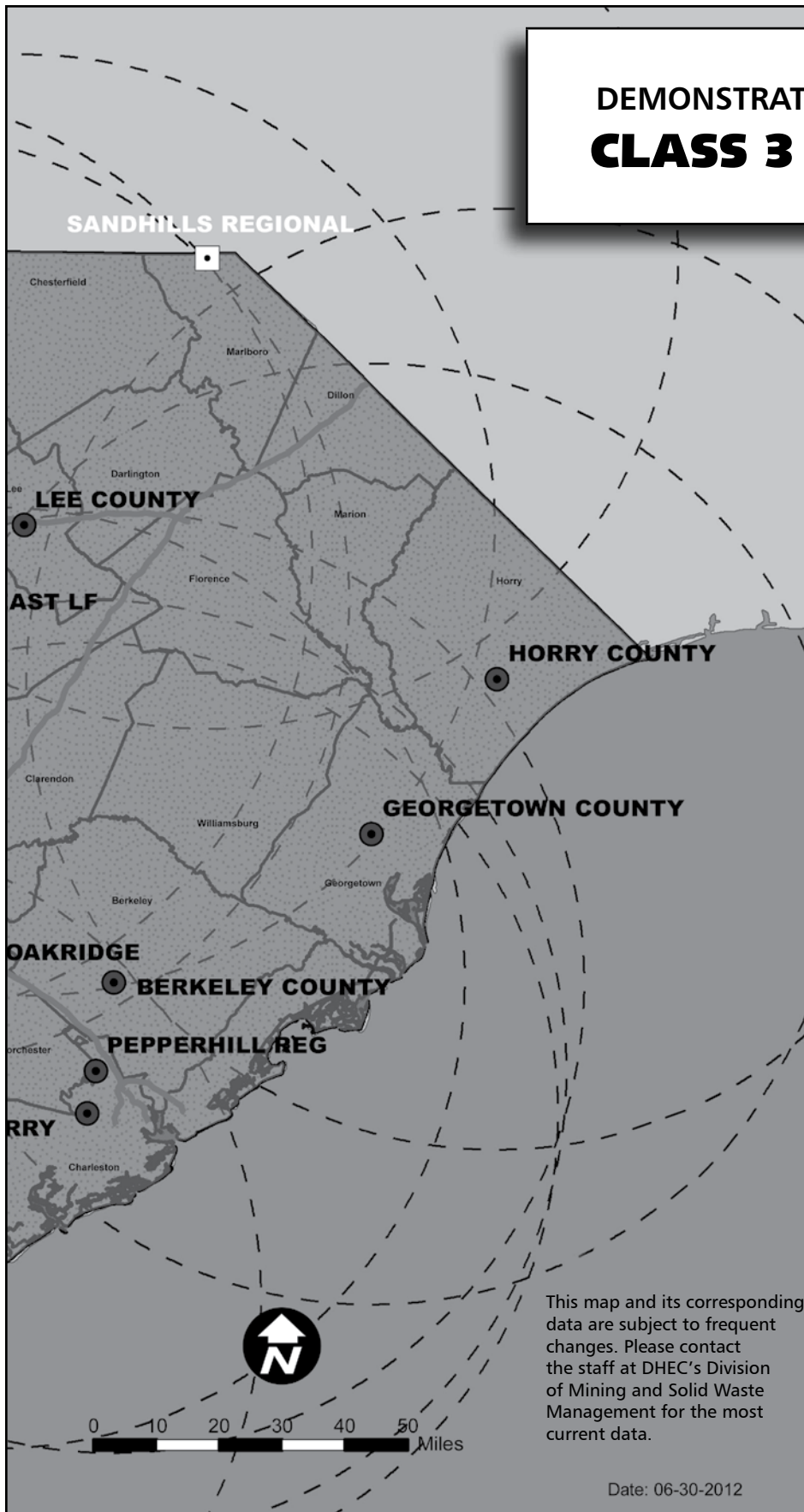
CLASS 2

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

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



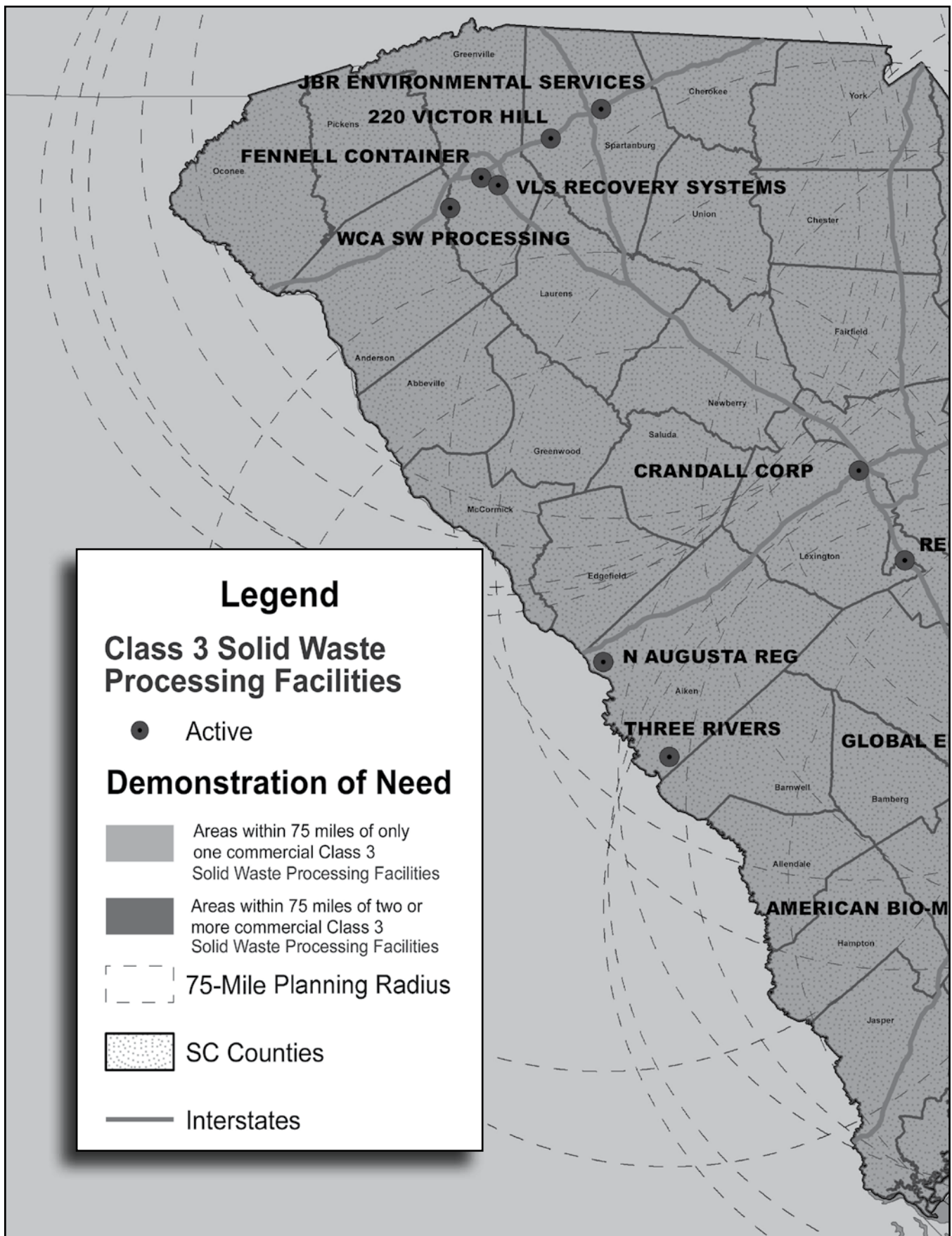
DEMONSTRATION OF NEED MAP CLASS 3 LANDFILLS



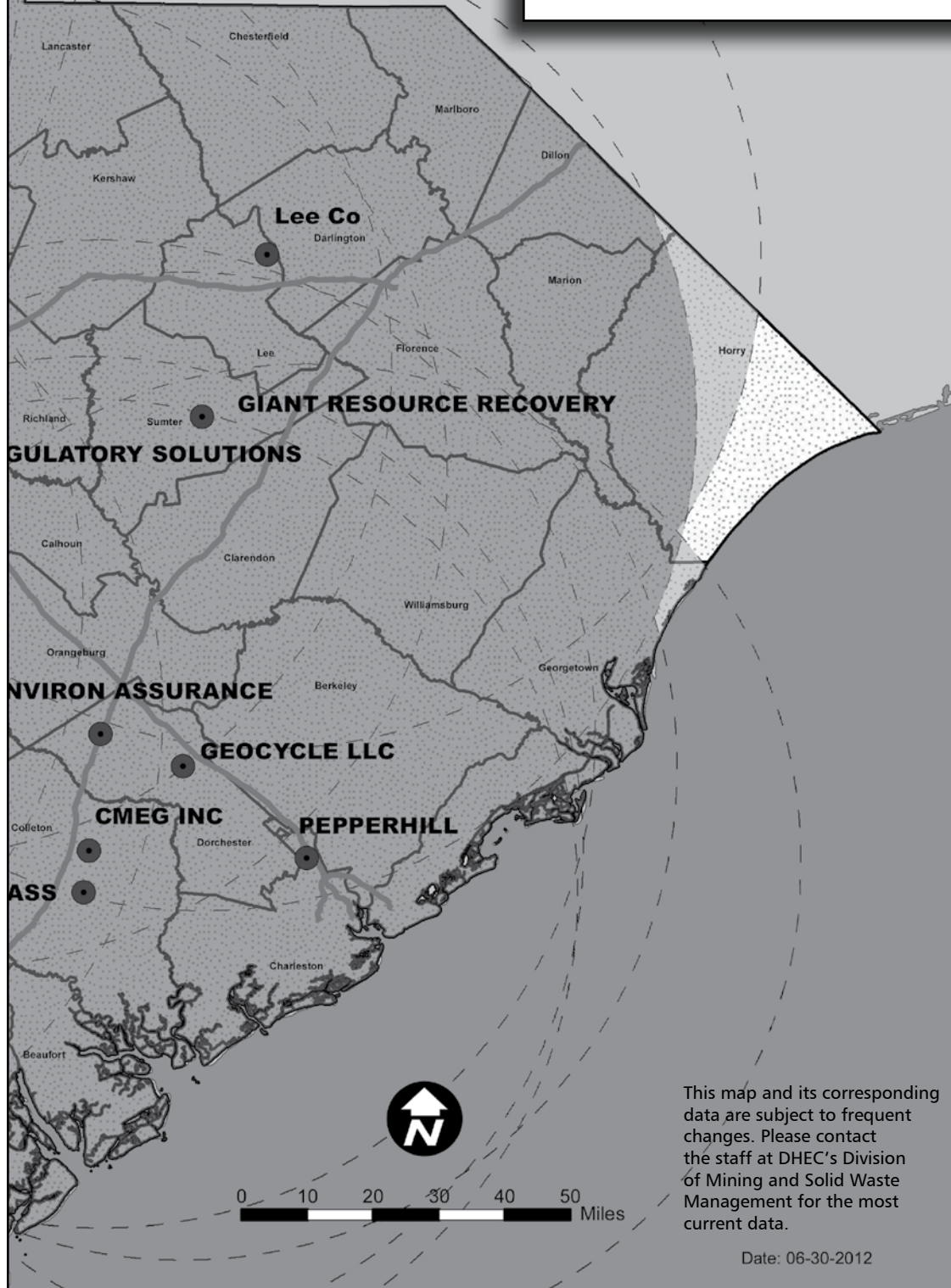
CLASS 3

- Requires waste characterization through the Special Waste Analysis and Implementation Plan
- Requirement to inspect 10 percent of incoming loads
- Landfills that were permitted as 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
- Slope-stability requirements
- Certification testing of cap to include:
 - ☐ One permeability test per acre
 - ☐ Four density/thickness tests per acre

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



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



Permitted Solid Waste Facilities

In fiscal year (FY) 2012 (July 1, 2011 to June 30, 2012), there were 392 permitted solid waste facilities in South Carolina. These permitted facilities include – but are not limited to – landfills, transfer stations and processing facilities. There are 170 landfills, 40 transfer stations, 107 composting and wood grinding facilities, 21 processing facilities, 18 used oil facilities, 18 waste tire facilities, 11 land application facilities, one research, development and demonstration facility, one soil treatment facility and five incinerators.

Tables 10.2 to 10.9 (on the following pages) reflect a complete list of permitted facilities at the close of FY12. It includes (when available): the county in which the facility is located; the facility name; the permitted rate or storage limit; and the tons received.

TABLE 10.1: Permitted Rate 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 Transfer Stations in FY12

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
CLASS 1 TRANSFER STATIONS				Dillon	Dillon County	250 TPD	33,152
Greenville	City of Greenville	40,000 TPY	13,371	Edgefield	Tri-County	320 TPD	30,975
CLASS 2 TRANSFER STATIONS				Fairfield	Fairfield	320 TPD	14,523
Charleston	Town of Mount Pleasant	100 TPD	16,570	Florence	Florence	740 TPD	105,730
Colleton	Clean Management Container, Inc.	60 TPD	*	Greenville	Blackberry Valley	150 TPD	3,725
Dorchester	Town of Summerville	200 TPD	0	Greenville	City of Greer	150 TPY	8,952
Greenville	MRR	500 TPD	0	Horry	City of Myrtle Beach	249,462 TPY	19,969
Spartanburg	Broadcast Drive	140 TPY	28,691	Horry	City of North Myrtle Beach	250 TPD	12,338
CLASS 3 TRANSFER STATIONS				Lancaster	City of Lancaster	302,000 TPY	23,830
Anderson	Anderson-Oconee	1,500 TPD	*	Laurens	Laurens County	800 TPD	31,201
Anderson	Pendleton	500 TPD	19,477	Lexington	Lexington County	600 TPD	101,367
Bamberg	Bamberg County	250 TPD	8,985	Marlboro	City of Bennettsville	50 TPD	5,085
Barnwell	Barnwell County	200 TPD	13,496	Newberry	Newberry County	400 TPD	25,894
Beaufort	Haig Point	15 TPD	172	Oconee	Oconee County	300 TPD	36,633
Beaufort	Melrose	15 TPD	*	Orangeburg	Orangeburg County	300 TPD	56,790
Charleston	Carolina Processing & Recycling	700 TPD (Class 2) 1,300 TPD (Class 3)	147,199	Pickens	Pickens County	400 TPD	36,158
Cherokee	Cherokee County	800 TPD	49,474	Spartanburg	City of Spartanburg	200 TPD	936
Chester	Chester County	200 TPD	16,024	Spartanburg	Greer	1,200 TPD	62,364
Clarendon	Clarendon County	250 TPD	*	Sumter	Sumter County	400 TPD	56,869
Colleton	Colleton County	115 TPD	31,445	Union	City of Union	21 TPD	2,851
Darlington	Darlington County	95 TPD	20,816	York	Container Company of Carolina (Fort Mill)	450 TPD	78,340
				York	York County	800 TPD	119,698

*Did Not Report

TABLE 10.3: Permitted Solid Waste Landfills in FY12

COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED DISPOSAL RATE	TONS RECEIVED
CLASS 1 LANDFILLS				Oconee	Northwest Grading Company	600 TPY	7
Abbeville	H.R. Garrett (Dobbins)	15,000 TPY	0	Oconee	Wells Highway	15,000 TPY	330
Abbeville	Ron Hughes	10,000 CYPY	489	Oconee	Wood	8,000 CYPY	450
Aiken	Gary Miller	20,000 TPY	4,794	Orangeburg	Spires	90,000 TPY	0
Aiken	G.L. Williams	2,500 TPY	0	Pickens	Pine Grove Church Rd.	3,000 TPY	930
Aiken	Jack Wood	520 TPY	40	Pickens	Walter Moody	625 TPY	0
Aiken	John Swearingen	1,000 TPY	30	Richland	Blythewood Construction Co.	75 TPY	75
Aiken	Mike Williams Construction	15,000 TPY	2,718	Richland	Loveless & Loveless Screaming Eagle Road	30,000 TPY	14,199
Aiken	Randy Hill	4,800 TPY	378	Saluda	Goff	40,000 CYPY	246
Anderson	Anderson County (Starr)	26,000 TPY	15,168	Spartanburg	Brown	3,000 TPY	351
Anderson	Broadway	860 TPD	720	Spartanburg	City of Woodruff – Landford Rd.	488 TPY	72
Anderson	City of Belton	3,060 TPY	1,200	Spartanburg	Cliffdale Road	150,000 TPY	450
Anderson	Miller Construction Company	15,000 CYPY	18	Spartanburg	Hawkins Grading	6,000 TPY	62
Edgefield	Eugene Easler	359 TPY	*	Spartanburg	Howard Grading and Construction	1,000 TPY	120
Edgefield	Pioneer Clearing	20,000 TPY	6,484	Spartanburg	Roger Owens	900 TPY	*
Florence	Town of Timmonsville	30 TPM	316	Spartanburg	Jeff Thomas	50 TPW	0
Greenville	H.R. Garrett (Moon/Henderson)	4,000 Tons	0	Spartanburg	Jimmy Wilson Construction (Skinner Site)	10,000 TPY	9
Greenville	Norris	250 TPY	100	Spartanburg	PAR Grading & Hauling	2,600 TPY	210
Greenville	Trotter	100 TPY	0	Spartanburg	T Glenn Easler Grading & Landscaping	10,000 TPY	250
Greenwood	BHC Trucking	6,500 TPY	1,002	Spartanburg	Watson	3,000 TPY	0
Jasper	Jasper County	120,000 TPY	291	Union	City of Union (Eison)	2,500 TPY	*
Lancaster	Heath Springs, Town of	—	0	Union	City of Union (Walnut)	12,000 CYPY	1,809
Lancaster	Lancaster County	3,500 TPY	3,750	York	Clawson	504,000 CYPY	360
Laurens	H.R. Garrett, Inc. (Henderson Road)	20,000 TPY	670	York	Creekside of York County	5,500 TPY	469
Laurens	H.R. Garrett, Inc. (Lisbon Rd.)	15,000 TPY	0	York	McCall Deer Creek Drive	100,000 CYPY	6,882
Lexington	378 Recycling	100,000 TPY	3,798	CLASS 2 LANDFILLS			
Lexington	Sligh Properties	100 TPY	30	A complete list of Class 2 landfills can be found in Table 8.13 (pages 97-98).			
Lexington	Southeastern Associates	11,600 TPY	943	CLASS 3 LANDFILLS			
Lexington	Town of Batesburg-Leesville	2,000 TPY	608	A complete list of Class 3 landfills can be found in Table 8.6 (page 88).			
Newberry	Alex Metts	3,000 TPY	191				
Oconee	Clemson-Seneca	3,000 TPY	1,650				

*Did Not Report

TABLE 10.4: Permitted Solid Waste Processing Facilities in FY12

COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED	COUNTY	FACILITY NAME	PERMITTED RATE	TONS RECEIVED
C&D DEBRIS PROCESSING FACILITIES				MUNICIPAL PROCESSING FACILITIES			
Anderson	ACE Recycling	10,400 TPY	7,782	Aiken	North Augusta Regional Material Recovery Facility	250 TPD	15,063
Dillon	Nobles Corporation	4,368 TPY	25	Aiken	Three Rivers Solid Waste Authority	900 TPD	2,570
Greenwood	Powell's Trash	124,800 CYPY	13,621	Greenville	WCA Shiloh	1,200 TPD	23,145
Horry	Horry County SWA	72,800 TPY	1,016	Spartanburg	220 Victor Hill	150 TPD	19,878
INDUSTRIAL PROCESSING FACILITIES				ORGANIC PROCESSING FACILITIES			
Calhoun	Regulatory Solutions	10,000 TPY	7,674	Richland	Waste 2 Energy	48,000 TPY	0
Colleton	American Bio-Mass	9,170 TPY	7,826	C&D DEBRIS / INDUSTRIAL PROCESSING FACILITIES			
Colleton	CMEG, Inc.	5,200 TPY	2,749	Lee	Lee County	450 TPD	64,525
Dorchester	Global Environmental Assurance, Inc.	5,100 TPY	0	C&D DEBRIS / MUNICIPAL PROCESSING FACILITIES			
Dorchester	Geocycle, LLC	150,000 TPY	16,043	Dorchester	Pepperhill	1,200 TPD	105,559
Greenville	VLS Recovery Systems	90,000 TPY	78,112	Greenville	Fennell Container	1,200 TPD	192,338
Lexington	Crandall Corporation	2,491 TPY	596				
Spartanburg	JBR Environmental Services	52,000 TPY	16,917				
Sumter	Giant Resource Recovery, Sumter	104,000 TPY	30,858				

*Did Not Report

TABLE 10.5: Permitted Composting and Wood Grinding Facilities in FY12

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Aiken	421 Composting Site (G.L. Williams)	293	Greenville	Greater Greenville Sanitation Commission 2	40,836
Aiken	APAC Composting (G.L. Williams)	0	Greenville	Greenville Wood Waste Recycling II	4,350
Aiken	City of Aiken	0	Greenville	Greenworks I Site	12,261
Allendale	Town of Allendale	*	Greenville	Greenworks II Site	317
Anderson	City of Anderson	0	Greenville	Greenworks III Site	3
Anderson	Fowler Corporation Wood Chipping Facility	0	Greenville	Schneider Tree Care Wood Chipping Facility	7,530
Anderson	Honea Path YT & Debris	0	Greenville	S.R. Mulch & Wood Grinding Facility	5,778
Anderson	Willimon's Mulch Wood Chipping Facility	582	Greenville	Timbertech	1,696
Bamberg	Bamberg County	*	Greenville	Twin Chimneys Wood Chipping Facility	4,173
Beaufort	Community Services Associates/Sea Pines Plantation	20,200	Greenville	WCA Shiloh Wood Processing Facility	383
Beaufort	Barnwell Resources, Inc. Land Clearing	2,297	Hampton	Hampton County Composting	1,624
Beaufort	Hilton Head Plantation P.O.A. Wood Chipping	50	Hampton	Town of Yemassee Shredding Facility	*
Beaufort	LCR Construction	11,982	Horry	C. Owens & Son, Inc. Composting	0
Berkeley	Berkeley County	14,129	Horry	Coastal Reclamation Composting	*
Charleston	Barr Construction Wood Grinding	5,891	Horry	Dixie Recycling, LLC	795
Charleston	Burning Acres Composting & Shredding	0	Horry	G&G Mining Company, LLC Composting	95
Charleston	Charleston County	53,824	Horry	Horry County Composting	40,330
Charleston	Ladson Wood Recycling	17,224	Horry	S B Turf & Mulch, Inc.	75
Charleston	Moberry LCD Wood Chipping	2,654	Horry	Sunway Environmental, Inc.	*
Charleston	Spring Grove Environmental North Charleston	0	Jasper	Cleland Ridgeland Wood Chipping Facility	3,249
Charleston	Sunnyside Farms Composting	180	Jasper	Evergreen Tree & Turf Care Wood Chipping Facility	13,691
Cherokee	Cherokee County Composting	1,639	Jasper	Greenspace, Inc.	*
Chester	City of Chester Composting	0	Jasper	LCR Construction	0
Chester	Scott/Hypoxex Composting	45,000	Jasper	Oakwood C&D LF Wood Grinding	8,524
Chester	Town of Great Falls	144	Kershaw	Kershaw County Yard Waste Composting	4,977
Dillon	Nobles Corporation Wood Chipping	0	Lancaster	Lancaster County Yard Waste Composting	3,750
Dillon	Town of Latta Composting	810	Lancaster	Pressley Wood Chipping Facility	1,275
Dorchester	Carolina Landfill	1,164	Lancaster	Town of Heath Springs Composting	0
Dorchester	Coastal Mulch & Composting Wood Chipping Facility	Closed	Laurens	Curry Lake	*
Fairfield	Fairfield County	*	Laurens	Laurens County Composting	63
Fairfield	Kaiser Enterprises, Inc. Wood Grinding	5,040	Lee	Lee County Composting and Recycling	6,403
Florence	City of Florence Composting	7,737	Lexington	Carolina Materials Wood Waste Processing	6,413
Florence	Rutland Wood Chipping Facility	0	Lexington	Eagle Recovery Wood Grinding	8,392
Georgetown	Frasier Composting	0	Lexington	Lexington County	3,975
Georgetown	Georgetown County LF Composting	4,051	Lexington	S&T Grading & Excavating Wood Chipping Facility	Closed
Georgetown	McKenzie Wood Chipping	771	Lexington	S&T Grading Wood Processing Facility	0
Georgetown	Miller Wood Processing Facility	240	Lexington	S&T Recycling Wood Processing Facility	2,599
Greenville	Dillard Excavating Wood Chipping Center	81	Marion	City of Marion Composting	778
Greenville	Greater Greenville Sanitation Commission 1	*			

*Did Not Report Continued on the following page

TABLE 10.5: Permitted Composting and Wood Grinding Facilities in FY12 (continued from previous page)

COUNTY	FACILITY NAME	TONS RECEIVED	COUNTY	FACILITY NAME	TONS RECEIVED
Marion	Marion County Wood Chipping and Composting Facility	0	Spartanburg	Henson's Mulch & More Wood Chipping Facility	3,777
Marlboro	Marlboro County Composting	0	Spartanburg	Starr Holdings	660
Marlboro	McDuffie & Son Composting	2,400	Spartanburg	Wellford LF Composting	18,312
Newberry	Metts Wood Recycling	5,336	Sumter	S.C.R. Composting	1,772
Newberry	City of Newberry Composting and Shredding	447	Sumter	Sumter County Wood Processing Facility	2,656
Newberry	Newberry County Composting	0	Williamsburg	Black River Composting	0
Oconee	Hutch-N-Son Wood Chipping Facility	972	Williamsburg	Town of Hemingway Composting	101
Oconee	Seneca Mulching Facility	4,803	York	Callahan Grading Wood Chipping Facility	1,500
Oconee	Wells Hwy.	*	York	City of Fort Mill Composting	2,986
Pickens	City of Clemson Brush RC	7,521	York	City of Rock Hill Composting (Friedheim Rd.)	0
Richland	City of Columbia Composting	6,374	York	Deer Creek Composting	0
Richland	Mitch Hook Wood Composting	1,100	York	River Hills Community Association Composting	2,975
Richland	Richland County	0	York	Rogers Composting	14,000
Saluda	SH Wood Waste Management	5,779	York	York County Wood Chipping	4,718
Spartanburg	City of Spartanburg Hwy. 295 Composting	0			
Spartanburg	Fairforest Wood Recycling	1,500			

*Did Not Report

TABLE 10.6: Permitted Waste Tire Facilities in FY12

COUNTY	FACILITY NAME	STORAGE LIMIT	TONS RECEIVED
WASTE TIRE COLLECTORS			
Beaufort	Beaufort County WTC	2,900 tires	—
Charleston	Gerald's Tires WTC Facility	5,200 tires	—
Cherokee	Cherokee County Recycling WTC	1 trailer	—
Fairfield	Fairfield County	1,600 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	SC Tire Processing	437,000 tires	*
Aiken	Three Rivers Tire Processing	150,000 whole tires	762
Anderson	Anderson Tire Recycling	500 tires	457
Berkeley	Rubber Recovery, Inc.	307 tons	9,359
Charleston	Tower Waste Tire Processing	5 trailers	Inactive
Dorchester	Lafarge WTC Facility	100 trailers	699
Edgefield	Ridge Recyclers WTP	—	38,219
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	1,888

*Did Not Report NOTE: For a list of registered waste tire haulers, please contact DHEC at 1-800-768-7348.

TABLE 10.7: Permitted Class 1 Incinerators in FY12

COUNTY	FACILITY NAME	PROCESS/STORAGE LIMIT	TONS RECEIVED
Beaufort	Daufuskie Site Preparation, Inc.	3,611 CY	87
Beaufort	Ulmer Brothers, Inc.	500 tons	34,213
Jasper	Coastal Debris Company	1,000 tons	2,644
Pickens	Pickens County	150 tons	4,700
Richland	Whitaker	2,407 CY	*

*Did Not Report

TABLE 10.8: Permitted Used Oil Facilities in FY12

COUNTY	FACILITY NAME	PERMITTED RATE	GALLONS/ TONS RECEIVED
USED OIL MARKETERS			
Charleston	Banks Construction Company	660,000 GPY	0
Dorchester	Argos Cement, LLC (Lafarge)	9,250,000 GPY	271,329 gallons
Dorchester	Giant Resource Recovery	5,000,000 GPY	0
Dorchester	Universal Environmental Services, LLC	7,300,000 GPY	0
Orangeburg	Holcim (Geocycle)	49,000 TPY	37 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
Charleston	Delfin	60,000,000 GPY	*
Chester	Southeastern Petroleum	4,752,000 GPY	1,042,450 gallons
Dorchester	Universal Environmental Services, LLC	7,300,000 GPY	4,270,288 gallons
Greenville	Holston Group, Inc.	150,000 TPY	1,112 tons
Greenville	VLS Recovery Systems	8,320,000 GPY	1,379,363 gallons
Richland	Dilmar Fluid Services, Inc.	125,000 GPY	8,284 gallons
Spartanburg	Taylor Enterprises, Inc.	500,000 GPY	153,713 gallons
Sumter	Giant Resource Recovery	104,000 TPY	753 tons
Sumter	Kiln Direct Laboratory	4,000,000 GPY	0 gallons
York	Diversified Recycling, Inc.	2,000,000 GPY	319,108 gallons

*Did Not Report

TABLE 10.9: Other Permitted Solid Waste Facilities in FY12

COUNTY	FACILITY NAME	PERMITTED RATE
LAND APPLICATION		
Charleston	DiMare's	—
Charleston	Wood Not Waste	5 TPA
Darlington	International Paper	—
Georgetown	International Paper	10 TPA
Greenville	County Fresh	10 TPA
Lancaster	Bowers Fibers	10 TPA
Laurens	Norbord Ash	10 TPA
Lexington	J.B. Enterprises Resawing	500 TPY
Lexington	Mungo Homes	—
Marlboro	Domtar Paper Company, LLC	10 TPA
Orangeburg	Council Energy	10 TPA
RESEARCH, DEVELOPMENT & DEMONSTRATION PROJECT		
Williamsburg	ARC Technology Plasma Enhanced Melter Facility	14,924 TPY
SOIL TREATMENT		
Sumter	TK Tank Services	15,000 TPY



20
12

FISCAL YEAR

Printed on **RECYCLED-CONTENT** Paper DHEC OR-1028 03/13



This report also is available online at
www.scdhec.gov/recycle.