



DHEC Estimate of Infectious Waste to be Generated in SC in 2008

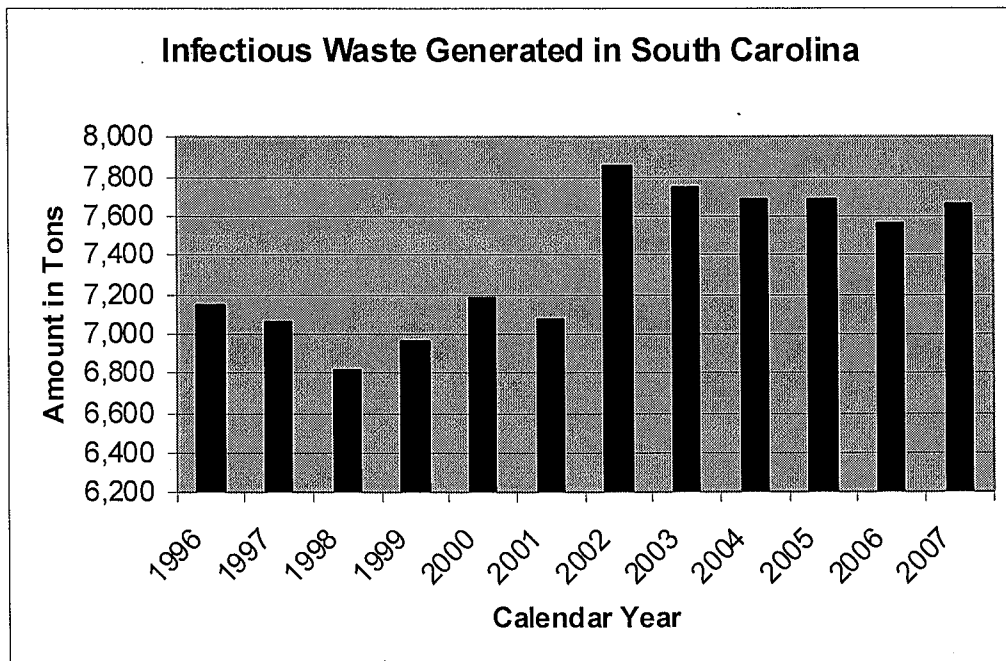
Prepared November 29, 2007

As required by the South Carolina Infectious Waste Management Act, the Department of Health and Environmental Control annually publishes the estimated amount of infectious waste produced in South Carolina for the succeeding calendar year.

The data used to calculate this estimate is derived from in-state generators. According to the South Carolina Infectious Waste Management Regulation, R.61-105, any person producing infectious waste in South Carolina must register with the Department annually in writing on a Department registration form. The registration form includes the name of the business, address of the site of generation (each site of generation must apply separately), and the amount of infectious waste generated monthly (estimated within + or -20%). The data upon which this estimate is based was derived from the generator registration forms.

For the one year period of October 1, 2006, through October 1, 2007, 4,839 generators have reported they produce an estimated 638.60 tons of infectious wastes per month or 7,663.2 tons of infectious waste in a one year period. Based on these most recent monthly generation rates, the Department again expects approximately 7663.2 tons to be generated in calendar year 2008. Infectious Waste generated in private households is excluded from the Infectious Waste Management Act and is subsequently not included in this report.

The Table below illustrates past generation rates.



Infectious Waste Generated in South Carolina by Category as of October 1, 2007

Infectious Waste Generated in South Carolina by Category as of October 1, 2007

Category	Pounds Per Month*
SHARPS: Needles, syringes, lancets and scalpel blades.	259,338.30
MICROBIOLOGICALS: Specimens, cultures and stocks of human pathogenic agents.	152,816.41
BLOOD AND BLOOD PRODUCTS: Unabsorbed human blood, or blood products, or absorbed blood and bloody body fluids.	512,236.91
PATHOLOGICAL: Tissues, organs, limbs, products of conception and other body parts removed from the whole body.	113,029.49
ANIMAL: Animal carcasses, body parts and bedding of animals intentionally exposed to human pathogens during research.	24,837.00
ISOLATION: Biosafety Level Four, highly communicable diseases classified by the Centers for Disease Control and Prevention.	125,294.55
OTHER: Other waste material designated by the generator as infectious waste.	89,652.61
TOTALS OF ALL WASTE STREAMS	1,277,205.27 (638.60 tons)
TOTAL NUMBER OF GENERATORS REGISTERED	4,839

***This amount is the sum of monthly generation estimates reported by SC generators who registered with the Department for the period of October 1, 2006 to October 1, 2007**

A description of how the 2008 estimate was derived is available from the Bureau of Land and Waste Management. For further information, please contact Mrs. Susan Jenkins, Bureau of Land and Waste Management, 2600 Bull Street, Columbia, South Carolina, 29201, at (803) 896-4271.