

## 9.0 REGIONAL GENERATION

There are two parameters that need to be considered when analyzing disposal methods: the number of facilities disposing of biosolids in a particular manner and the quantity of biosolids these facilities are disposing. Although incineration disposes of high volumes of biosolids, it does not represent a commonly utilized method across the state. Only six facilities incinerate and they are located in high population areas. Land application is more widely used across the state although disposed amount is lower. Table 26 shows the number of facilities in the state using each of the main disposal methods coupled with the amount of disposed biosolids. Table 27 displays the percentage distribution of disposal methods within each region.

**Table 26. Biosolids production in Georgia**

	1994 Facility		2000 Facility		1994 Biosolids		2000 Biosolids	
	Count		Count		Disposed (dry tons/yr)		Disposed (dry tons/yr)	
Landfilling	120	71%	129	60%	56713.10	37%	75749.73	43%
Land Application	36	21%	62	29%	33066.86	22%	44166.28	25%
Incineration	5	3%	6	3%	53522.06	35%	41359.25	24%
Composting	6	4%	14	6%	2524.75	2%	5660.42	3%
Pelletizing	2	1%	1	0.46%	6048.00	4%	5245.96	3%
LA/LF Combined		0%	4	2%	0.00	0%	3039.9	2%
Totals	169	100%	216	100%	151874.78	100%	175221.5	100%

The 1994 study only included the 169 most significant facilities, while the 2000 study included all of them.

**Table 27. Regional biosolids disposal percentages.**

	Composting	Incineration	Landfilling	Land Application	LA/LF Combined	Pelletizing	Total (%)
Atlanta Regional Commission	2.27%	35.83%	54.11%	2.80%	0.00%	5.00%	100.00%
Central Savannah River Area	0.00%	0.00%	89.07%	10.93%	0.00%	0.00%	100.00%
Chattahoochee Flint	0.00%	0.00%	47.35%	51.12%	1.53%	0.00%	100.00%
Coastal Georgia	24.05%	44.01%	31.80%	0.14%	0.00%	0.00%	100.00%
Coosa Valley	0.00%	0.00%	6.41%	76.20%	17.39%	0.00%	100.00%
Georgia Mountains	42.67%	0.00%	47.46%	9.86%	0.00%	0.00%	100.00%
Heart of Georgia Altamaha	3.54%	0.00%	96.46%	0.00%	0.00%	0.00%	100.00%
Lower Chattahoochee	0.00%	0.00%	0.78%	99.22%	0.00%	0.00%	100.00%
McIntosh Trail	0.00%	0.00%	25.50%	74.50%	0.00%	0.00%	100.00%
Middle Flint	0.35%	0.00%	18.88%	80.77%	0.00%	0.00%	100.00%
Middle Georgia	0.00%	0.00%	4.34%	95.66%	0.00%	0.00%	100.00%
North Georgia	0.00%	0.00%	15.69%	84.31%	0.00%	0.00%	100.00%
Northeast Georgia	0.00%	0.00%	80.53%	19.47%	0.00%	0.00%	100.00%
South Georgia	0.00%	0.00%	39.18%	60.82%	0.00%	0.00%	100.00%
Southeast Georgia	9.07%	0.00%	82.63%	8.29%	0.00%	0.00%	100.00%
Southwest Georgia	0.00%	0.00%	96.48%	0.00%	3.52%	0.00%	100.00%