

**Table 379. Municipal Solid Waste—Generation, Recovery, and Discards by Selected Type of Product: 2009**

[See headnote, Table 378]

Type of product	Generation (1,000 tons)	Recovery		Discards (1,000 tons)
		Products recovered (1,000 tons)	Percent of generation	
Paper and paperboard products <sup>1</sup> .....	68,420	42,500	62.1	25,920
Nondurable goods .....	33,480	17,430	52.1	16,050
Newsprint .....	5,060	4,490	88.7	570
Groundwood inserts .....	2,700	2,350	87.0	350
Magazines .....	1,450	780	53.8	670
Office-type papers .....	5,380	3,990	74.2	1,390
Standard mail .....	4,650	2,950	63.4	1,700
Other commercial printing .....	3,490	2,310	66.2	1,180
Containers and packaging .....	34,940	25,070	71.8	9,870
Corrugated boxes .....	27,190	22,100	81.3	5,090
Folding cartons .....	4,980	2,490	50.0	2,490
Glass products <sup>1</sup> .....	11,780	3,000	25.5	8,780
Containers and packaging .....	9,660	3,000	31.1	6,660
Beer and soft drink bottles .....	6,000	2,340	39.0	3,660
Wine and liquor bottles .....	1,710	310	18.1	1,400
Food and other bottles and jars .....	1,950	350	17.9	1,600
Metal products <sup>1,2</sup> .....	20,910	7,220	34.5	13,690
Ferrous .....	13,340	3,720	27.9	9,620
Aluminum .....	1,350	(Z)	(Z)	1,350
Other nonferrous .....	540	(Z)	(Z)	540
Plastics <sup>1</sup> .....	29,830	2,120	7.1	27,710
Plastics in durable goods .....	10,650	400	3.8	10,250
Plastics in nondurable goods .....	6,650	(Z)	(Z)	6,650
Plastics in containers and packaging .....	12,530	1,720	13.7	10,810
Rubber and leather <sup>1</sup> .....	7,490	1,070	14.3	6,420
Rubber in tires .....	3,040	1,070	35.2	1,970

Z Less than 5,000 tons or 0.05 percent. <sup>1</sup> Includes products not shown separately. <sup>2</sup> Metals in durable goods only.

Source: Franklin Associates, a Division of ERG, Prairie Village, KS, *Municipal Solid Waste in the United States: 2009 Facts and Figures*. Prepared for the U.S. Environmental Protection Agency. See also <[www.epa.gov/osw/nonhaz/municipal/msw99.htm](http://www.epa.gov/osw/nonhaz/municipal/msw99.htm)>.

**Table 380. Environmental Industry—Revenues and Employment by Industry Segment: 2000 to 2010**

[211.2 represents \$211,200,000,000. Covers approximately 30,000 private and public companies engaged in revenue-generating environmental activities]

Industry segment	Revenue (bil. dol.)				Employment			
	2000	2005	2009	2010	2000	2005	2009	2010
<b>Industry total</b> .....	<b>211.2</b>	<b>255.0</b>	<b>304.6</b>	<b>316.3</b>	<b>1,371,600</b>	<b>1,469,600</b>	<b>1,621,300</b>	<b>1,657,300</b>
Analytical services <sup>1</sup> .....	1.8	1.8	1.9	1.8	20,200	20,000	19,600	19,200
Wastewater treatment works <sup>2</sup> .....	28.7	35.6	44.1	46.9	118,800	141,100	169,000	178,900
Solid waste management <sup>3</sup> .....	39.4	47.8	51.1	52.4	221,400	256,500	265,300	271,200
Hazardous waste management <sup>4</sup> .....	8.2	8.7	8.6	8.7	44,800	45,000	42,100	42,000
Remediation/industrial services .....	10.1	11.0	11.9	12.2	100,200	96,600	99,600	101,000
Consulting and engineering .....	17.4	22.4	25.7	26.2	184,000	220,800	240,500	242,900
Water equipment and chemicals .....	19.8	24.8	26.6	27.2	130,500	153,000	157,300	159,300
Instrument manufacturing .....	3.8	4.7	5.2	5.5	30,200	34,600	36,100	37,500
Air pollution control equipment <sup>5</sup> .....	19.0	18.8	15.8	14.9	129,600	123,400	101,800	95,600
Waste management equipment <sup>6</sup> .....	10.0	10.1	11.0	11.1	75,500	72,900	73,800	73,700
Process and prevention technology .....	1.2	1.5	1.8	1.9	29,000	28,100	26,500	26,400
Water utilities <sup>7</sup> .....	29.9	35.1	40.6	42.1	130,000	145,200	162,000	167,200
Resource recovery <sup>8</sup> .....	16.0	21.0	24.5	25.2	127,000	78,900	88,200	91,500
Clean energy systems and power <sup>9</sup> .....	5.9	11.9	35.8	40.1	30,400	53,500	139,500	150,900

<sup>1</sup> Covers environmental laboratory testing and services. <sup>2</sup> Mostly revenues collected by municipal entities for sewage or wastewater plants. <sup>3</sup> Covers such activities as collection, transportation, transfer stations, disposal, landfill ownership and management for solid waste and recyclables. <sup>4</sup> Transportation and disposal of hazardous, medical, and nuclear waste. <sup>5</sup> Includes stationary and mobile sources. <sup>6</sup> Includes vehicles, containers, liners, processing, and remediation equipment. <sup>7</sup> Revenues generated from the sale of water, majority in public sector. <sup>8</sup> Revenues generated from the sale of recovered metals, paper, plastic, etc. <sup>9</sup> Revenues generated from the sale of equipment and systems and electricity.

Source: Environmental Business International, Inc., San Diego, CA, *Environmental Business Journal*, monthly (copyright). See also <<http://www.ebiusa.com/>>.