



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

---

## Methodology

Waste disposal rates for the Illinois counties in the proposed service area were estimated by considering:

- I. Waste disposal in the Chicago metropolitan area (including Cook County, DuPage County, Kane County, Lake County, McHenry County and Will County);
- II. Waste disposal in the State of Illinois;
- III. Waste disposal in rural or “downstate” areas of Illinois (consisting of all counties, including the counties in the proposed service area that are located outside of the Chicago metropolitan area defined above).

As described further in this section, the amount of waste disposed by rural counties was estimated by subtracting the amount of waste disposed by the Chicago metropolitan area from the total amount of waste disposed by the State of Illinois. The steps followed in performing this calculation are summarized below.

### I. Waste Disposed by Chicago Metropolitan Area

The following steps were utilized to estimate per capita waste disposal rates for the Chicago metropolitan area. The metropolitan area is comprised of Cook County, DuPage County, Kane County, Lake County, McHenry County and Will County. The methodology utilizes landfill disposal data during the period 1996-2018 and represents the most current information on disposal rates.

Step 1. Landfills that are known to accept waste from the metropolitan area were identified through the following process:

- A. Illinois landfills which are currently utilized to dispose of waste from the metropolitan area were identified through several methods. First, landfills located within the six-county metropolitan area were assumed to accept waste from the metropolitan area. Second, a number of transfer stations located within the metropolitan area were surveyed to determine which landfills they utilize (including, potentially, landfills located outside of the metropolitan area). Third, government agencies that have negotiated long-term contracts for transfer and disposal capacity were contacted to determine which landfills they utilize.
  - i. Illinois landfills located within the six-county metropolitan area were identified from the IEPA annual report, *Nonhazardous Solid Waste Management and Landfill Capacity in Illinois*, as well as from landfill capacity certification forms which all Illinois landfills are required to submit to the IEPA on an annual basis.
  - ii. A survey of Illinois transfer stations was performed to determine which landfills they utilized. This survey was conducted by reviewing IEPA inspection reports for the transfer stations, or by contacting the operators of the transfer stations directly. The results of the transfer station survey are presented in Table E.3-1. (Note: this reflects landfills used over time and not at any specific time.)



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

---

- iii. Government agencies that have negotiated long-term contracts for transfer and disposal capacity were contacted to determine which landfills they utilize. The results of this research are presented in Table E.3-2. (Note: this reflects landfills used over time and not at any specific time.)
  
- B. Indiana landfills that currently accept waste from the Chicago metropolitan area were identified by consulting quarterly report data published by the Indiana Department of Environmental Management. Indiana landfills are required to report waste disposal quantities to IDEM based on the county and state of origin of the waste.
  
- C. Michigan landfills that currently accept waste from the Chicago metropolitan area were identified by consulting an annual report published by the Michigan Department of Environmental Quality, the *Report of Solid Waste Landfilled in Michigan*.
  
- D. Wisconsin landfills that currently accept waste from the Chicago metropolitan area were identified by consulting an annual landfill capacity report published by the Wisconsin Department of Natural Resources, the *Wisconsin Solid Waste Landfill Tonnage/Capacity Report*.<sup>1</sup>

Utilizing this methodology, a total of 46 landfills (and one incinerator) in Illinois, Indiana, Michigan and Wisconsin were identified as accepting waste from the Chicago metropolitan area over the period 1996 to 2018 (refer to Figure E.3-1). During this period, some landfills closed while others began operating; therefore, not all facilities were operating during each year of the period.

---

<sup>1</sup> Note that only Indiana landfills are required to report *both* the county and state of origin for wastes received. Landfills in Illinois, Michigan and Wisconsin are only required to report the state of origin of wastes received. Michigan and Wisconsin landfills that reported receiving waste from Illinois were assumed to have received that waste from the Chicago metropolitan area due to their proximity to the metro area.



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

**TABLE E.3-1. SURVEY OF TRANSFER STATIONS (LANDFILLS HISTORICALLY UTILIZED)**

Transfer Station	Landfills Utilized
Loop-64 <sup>th</sup> Street	Livingston, County Line, Lee County, Newton County.
ARC	Kestrel Hawk, Orchard Hills, Mallard Ridge, Newton County, Woodland, Livingston.
Calumet	Livingston, County Line, Newton County.
Crestwood	Newton County, Lake County C&D.
DuKane	Lee County.
Greenwood	Winnebago.
Groot-McCook	Livingston, Winnebago.
Heartland	Livingston, Lee County, Forest Lawn, Kestrel Hawk, Winnebago, Rochelle.
Homewood Disposal	Livingston, Newton County, Forest Lawn, Winnebago.
Loop-Laflin	Livingston, County Line, Newton County.
Liberty	Livingston, Environtech, Streator.
Midtown	Livingston, County Line, Newton County.
Northlake	Livingston.
Planet Recovery	Livingston, County Line, Newton County.
Riverdale	Prairie View, Liberty, Laraway.
Shred-All	Livingston, Newton County, County Line.
Star Disposal	Livingston, Environtech, Newton County, Forest Lawn, Prairie View
Advanced - Batavia	Orchard Hills.
Advanced - Evanston	Zion, Orchard Hills.
Advanced - Melrose Park	Livingston, Orchard Hills, Lee County.
Advanced - Northbrook	Zion.
Advanced - Rolling Meadows	Orchard Hills, Lee County.
WM-Elburn	Lee County, Orchard Hills, Prairie Hill, Settler's Hill..
WM-Elgin	DeKalb County, Lee County, Prairie Hill.
WM-Stickney	Livingston, Laraway, Liberty, Countryside.

Source:

1. Review of IEPA transfer station inspection reports and telephone surveys.



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

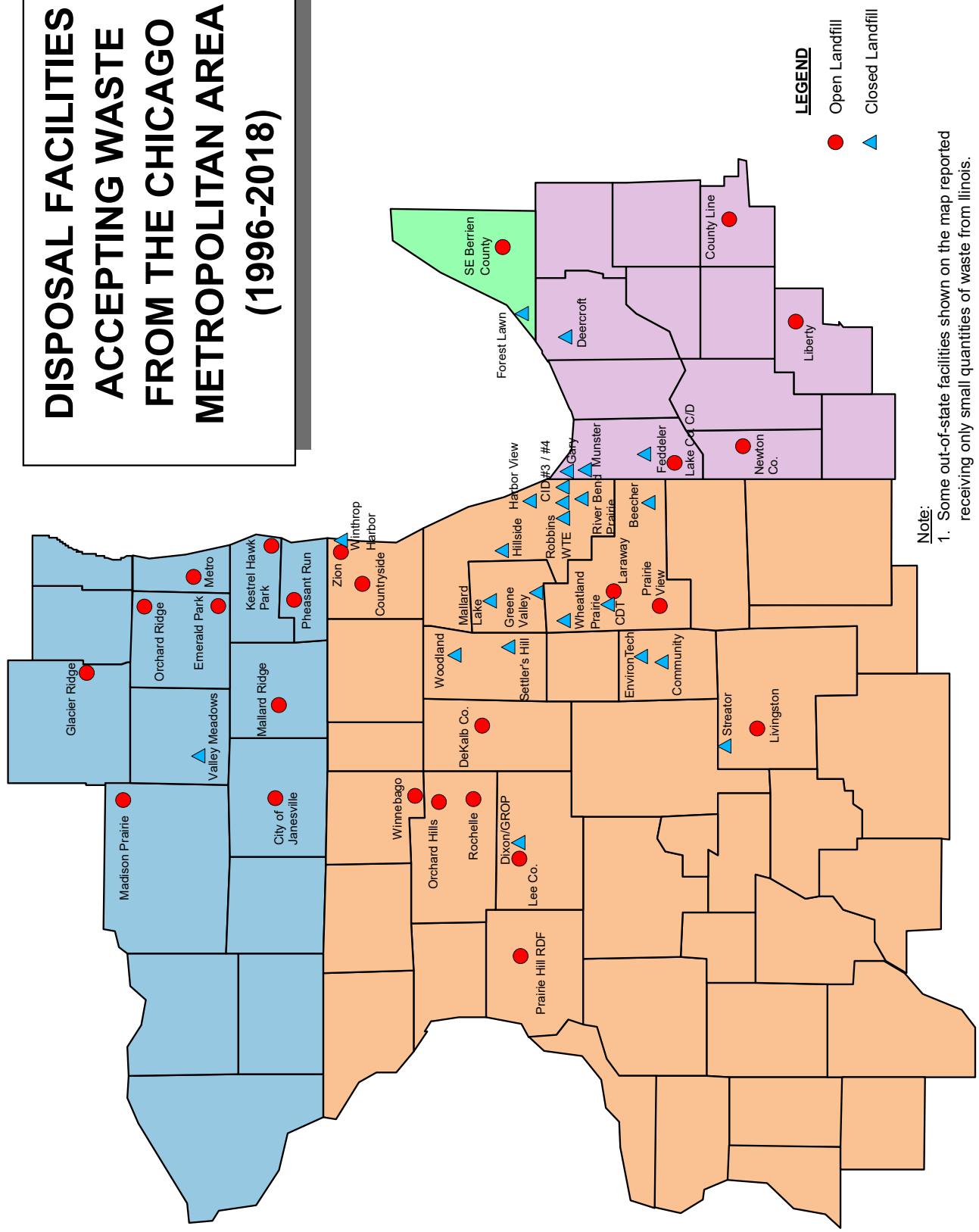
**TABLE E.3-2. LANDFILLS HISTORICALLY UTILIZED BY PUBLIC AGENCIES CONTRACTING FOR DISPOSAL CAPACITY**

Jurisdiction	County	Transfer Stations Utilized	Landfills Utilized
City of Chicago	Cook	34th Street MRRF, Medill MRRF, Northwest MRRF	Lee County, Livingston, Winnebago, County Line, Liberty, Newton County.
SWANCC	Cook	Wheeling Township TS	Pheasant Run, Winnebago.
WCCSWA	Cook	WM-Stickney, Liberty-McCook TS, Northlake TS, Groot-Elk Grove TS, Groot-McCook TS	Livingston, Liberty, Lee County, Winnebago.

Notes:

1. SWANCC = Solid Waste Agency of Northern Cook County. WCCSWA = West Cook County Solid Waste Agency.
2. Based on phone interviews of representatives of each jurisdiction or review of disposal agreements.

# DISPOSAL FACILITIES ACCEPTING WASTE FROM THE CHICAGO METROPOLITAN AREA (1996-2018)



Note:  
1. Some out-of-state facilities shown on the map reported receiving only small quantities of waste from Illinois.

**FIGURE E.3-1**



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

Step 2. Annual quantities of waste disposed during the period 1996 - 2018 were obtained for each of the 47 facilities (46 landfills and one incinerator) identified in Step 1 from IEPA, IDEM, MDEQ and WDNR. For the Illinois landfills, the quantity of waste received at each facility from the Chicago metropolitan area was estimated using the following equation:

$$(\text{Waste from Metropolitan Area}) = (\text{Total Landfill Throughput}^2) - (\text{Out-of-State Waste})$$

For the Indiana landfills, the quantity of waste received at each facility from the Chicago metropolitan area was obtained directly from IDEM reports. As was noted previously, Indiana landfills must report to IDEM both the state and county of origin of waste received.

For the Michigan and Wisconsin landfills, the quantity of waste received at each facility from the Chicago metropolitan area was estimated from MDEQ and WDNR reports. Michigan and Wisconsin require landfills to report the state of origin but, unlike Indiana, do not require the county of origin to be reported. Due to their proximity to the Chicago area, it was conservatively assumed that all Illinois waste received at the Michigan and Wisconsin landfills originated from the Chicago metropolitan area.

Disposal quantities are summarized in Table E.3-3. Note that Indiana and Wisconsin landfills report disposal quantities in tons. Michigan landfills report disposal quantities in cubic yards. Up until 2009, Illinois landfills reported disposal quantities in cubic yards. In 2009, Illinois facilities began reporting in tons; a few facilities still reported in cubic yards, but the number declined over time and in 2014, all were reporting in tons. For the Illinois landfills, cubic yard data was converted to tonnage data using facility-specific densities that the landfills report to IEPA; beginning in 2009, the tonnages reported by the landfills was used. For the Michigan landfills, cubic yard data was converted to tonnage data using an industry conversion factor of 3.3 cubic yards per ton.

Step 3. Disposal quantities (after adjustment for imports in the case of Illinois landfills) were then adjusted to account for special waste. This was done to provide per capita disposal rates for municipal waste and for total waste (the latter category includes special waste). Because landfills in Indiana, Michigan and Wisconsin all track special waste quantities separately from municipal solid waste quantities<sup>3</sup>, no adjustments were required for landfills in those states.

For Illinois landfills and prior to 2009, an adjustment was required. Before 2009, Illinois landfill capacity certification forms documented the total quantity of waste received by each landfill but did not distinguish between special waste and municipal solid waste. Thus, the disposal quantities reported in Table E.3-3 for Illinois landfills (prior to 2009) have to be reduced to account for special waste in order to compute municipal waste.

---

<sup>2</sup> For landfills located outside the Chicago metropolitan area, Total Landfill Throughput includes waste from the host county -- an adjustment for this is made in Step 4.

<sup>3</sup> Non-hazardous special waste includes industrial process waste and pollution control waste (such as contaminated soil from a remediation project). Municipal solid waste includes residential waste, commercial waste, light industrial waste, and construction and demolition debris.



**Client:** Effingham Crossroads Landfill, LLC

**Project:** Effingham Crossroads Landfill

**Project #:** 631236514

**Calculated By:** PPK **Date:** 04/2020

**Checked by:** MNF **Date:** 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

Each load of special waste in Illinois must be tracked by a manifest from the point of generation to the point of disposal. The manifests must then be submitted to the IEPA. A computer database file of all the special waste manifests was obtained from the IEPA for the years 2000 - 2009. A search of the database indicated that, on average, special waste accounted for approximately 3 percent of the total volume of waste received annually by the Illinois landfills presented in Table E.3-3.

To convert this value to a tonnage figure, the reported densities of waste received at the CID RDF #3 Landfill, the CID RDF #4 Landfill, and the Laraway RDF Landfill were averaged (refer to Table E.3-4). These facilities handle high volumes of special waste relative to municipal solid waste. The resulting average density for special waste was computed to be approximately 1,600 pounds per cubic yard (special waste typically has a higher density than municipal solid waste). Using this estimated density value, the reported volume of special waste corresponds to an average of about 8 percent of the total tonnage of waste accepted by the landfills during the period 2000-2009. Accordingly, the total tonnage of waste for the Illinois landfills in Table E.3-3 for the years 1996-1999 (which precede the years in the database search) was reduced by 8 percent to account for special waste.

As noted previously, beginning in 2009, most Illinois landfills began reporting waste quantities in tons on the annual capacity certification forms submitted to IEPA. Further, in that year they also began reporting quantities based on type of waste (i.e. tons of municipal waste and tons of special waste). Thus, for 2009 onward, special waste quantities were generally available in tons; for the few facilities that continued to report waste quantities in cubic yards, the cubic yards were converted to tons using the site-specific incoming waste density.

Step 4.

The estimated total quantity of waste disposed by the Chicago metropolitan area (Step 1), after adjusting for out-of-state imports (Step 2), was then compared with population estimates to calculate a per capita total waste disposal rate (in pounds per capita per day). A municipal waste disposal rate (in pounds per capita per day) was also calculated following the same methodology, utilizing the adjustment for special waste (Step 3).

As was indicated earlier, waste from the Chicago metropolitan area is disposed at Illinois landfills located both within the metropolitan area and outside the metropolitan area. It is judged that the vast majority of waste disposed at landfills within the six-county metro area originates from the six counties. This is because landfill tipping fees are typically higher in the metropolitan area, and hence there would be less incentive for more rural counties to transport their waste to metro area landfills.

Illinois landfills located outside the metropolitan area receive waste from both the metro area and from the rural "host" counties in which they are located. For the facilities identified in Table E.3-3, these host counties include Grundy County (Community Landfill and EnvironTech Landfill), Lee County (Lee County Landfill and Dixon/GROP Landfill; the latter facility is now closed), Livingston County (Livingston Landfill and Streator Area Landfill), and Ogle County (Orchard Hills Landfill). Beginning in the year 2006, the host counties also include Whiteside County (Prairie Hill RDF) and Winnebago County (Winnebago Landfill) because the transfer station survey indicated greater use of the Prairie Hill RDF and Winnebago Landfill (as well as the Rochelle Municipal Landfill in Ogle County) by Chicago area transfer stations. Beginning in 2014, the host counties include DeKalb County, because



**Client:** Effingham Crossroads Landfill, LLC

**Project:** Effingham Crossroads Landfill

**Project #:** 631236514

**Calculated By:** PPK **Date:** 04/2020

**Checked by:** MNF **Date:** 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

a prior service area restriction for that landfill was lifted. The population of the host counties was added to the population of the six-county metro area to derive the per capita disposal rates.<sup>4</sup> Population projections for the period 1996 - 2018 are provided in Table E.3-5.

---

<sup>4</sup> It is possible that these landfills also receive waste from rural counties that neighbor the “host” counties -- however, these quantities are likely to be relatively small.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2018					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	757	1,212,967	459,039	0	0	459,039
DeKalb County Landfill	DeKalb	IL	517	2,290,580	592,328	0	0	592,328
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	0	0	0	0	0	0
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,143	2,371,873	2,541,943	23,719	25,420	2,516,523
Lee County Landfill	Lee	IL	600	562,749	168,824	0	0	168,824
Livingston Landfill	Livingston	IL	656	3,270,101	1,072,593	0	0	1,072,593
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	601	6,855,671	2,059,622	925	278	2,059,344
Prairie Hill RDF	Whiteside	IL	547	1,259,704	344,686	46,361	12,686	332,000
Prairie View RDF	Will	IL	700	2,423,280	848,152	0	0	848,152
River Bend Prairie	Cook	IL	3,000	83,779	125,668	0	0	125,668
Rochelle Landfill	Ogle	IL	1,274	159,658	101,693	0	0	101,693
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,009	4,992,417	2,519,843	0	0	2,519,843
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	644	2,442,921	786,984	109,361	35,231	751,753
			=====	=====	=====	=====	=====	=====
Subtotal			832	27,925,700	11,621,375	180,366	73,615	11,547,760
Less, Special Waste								3,177,668
Total MSW								8,370,092

Landfill	County	State	2018					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			401,548		11	11
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			111,236		74,241	74,241
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,311,896		1,336,615	1,336,615
Liberty Landfill	White	IN			1,421,026		1,105,779	1,105,779
					=====		=====	=====
Subtotal					4,245,706		2,516,646	2,516,646
Less, Special Waste								199,766
Total MSW								2,316,880

Landfill	County	State	2018					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		0	0	0	0	0
SE Berrien County	Berrien	MI		941,932	285,434	18,700	5,667	5,667
				=====	=====	=====	=====	=====
Subtotal				941,932	285,434	18,700	5,667	5,667
Less, Special Waste								115
Total MSW								5,552

Landfill	County	State	2018					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			108,240		0	0
Glacier Ridge	Dodge	WI			663,688		0	0
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			257,249		6,357	6,357
Metro RDF	Milwaukee	WI			393,763		0	0
Kestrel Hawk	Racine	WI			180,491		0	0
City of Janesville - Rock Co. LF	Rock	WI			237,223		45,753	45,753
Mallard Ridge	Walworth	WI			318,647		46,389	46,389
Emerald Park	Waukesha	WI			543,636		3,663	3,663
Orchard Ridge RDF	Waukesha	WI			1,069,273		424	424
					=====		=====	=====
Subtotal					3,772,210		102,586	102,586
Less, Special Waste								0
Total MSW								102,586
Total Waste - All States								14,172,660
Total MSW - All States								10,795,111

Population (see Table E.3-5)								8,960,739
Waste Disposal (pcd) - Total Waste								8.7
Waste Disposal (pcd) - MSW Only								6.6

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

			2017					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	768	1,089,094	418,212	0	0	418,212
DeKalb County Landfill	DeKalb	IL	466	2,448,162	570,042	0	0	570,042
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	0	0	0	0	0	0
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,388	2,200,989	2,627,905	99,045	118,256	2,509,649
Lee County Landfill	Lee	IL	600	1,088,580	326,575	0	0	326,575
Livingston Landfill	Livingston	IL	656	3,445,405	1,130,093	0	0	1,130,093
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	513	8,833,432	2,264,247	1,046	268	2,263,979
Prairie Hill RDF	Whiteside	IL	526	1,026,344	269,732	243,868	64,091	205,641
Prairie View RDF	Will	IL	750	2,162,829	811,059	0	0	811,059
River Bend Prairie	Cook	IL	0	0	0	0	0	0
Rochelle Landfill	Ogle	IL	935	263,543	123,151	0	0	123,151
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,270	3,317,325	2,106,788	0	0	2,106,788
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	679	2,247,129	762,714	127,829	43,387	719,327
			=====	=====	=====	=====	=====	=====
Subtotal			811	28,122,832	11,410,518	471,788	226,002	11,184,516
Less, Special Waste								2,916,206
Total MSW								8,268,310
			2017					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			355,912		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			150,220		92,891	92,891
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,186,991		1,259,512	1,259,512
Liberty Landfill	White	IN			1,331,333		1,038,464	1,038,464
					=====		=====	=====
Subtotal					4,024,456		2,390,867	2,390,867
Less, Special Waste								70,571
Total MSW								2,320,296
			2017					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		251,939	76,345	9,805	2,971	2,971
SE Berrien County	Berrien	MI		1,041,324	315,553	20,918	6,339	6,339
					=====		=====	=====
Subtotal				1,293,263	391,898	30,723	9,310	9,310
Less, Special Waste								175
Total MSW								9,135
			2017					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			124,813		0	0
Glacier Ridge	Dodge	WI			624,599		0	0
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			168,204		5,893	5,893
Metro RDF	Milwaukee	WI			412,999		4,094	4,094
Kestrel Hawk	Racine	WI			237,425		2,257	2,257
City of Janesville - Rock Co. LF	Rock	WI			252,577		67,436	67,436
Mallard Ridge	Walworth	WI			284,824		8,495	8,495
Emerald Park	Waukesha	WI			497,515		1,279	1,279
Orchard Ridge RDF	Waukesha	WI			955,290		343	343
					=====		=====	=====
Subtotal					3,558,246		89,797	89,797
Less, Special Waste								0
Total MSW								89,797
Total Waste - All States								13,674,490
Total MSW - All States								10,687,538
Population (see Table E.3-5)								8,987,465
Waste Disposal (pcd) - Total Waste								8.3
Waste Disposal (pcd) - MSW Only								6.5

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2016					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	768	1,141,142	438,199	0	0	438,199
DeKalb County Landfill	DeKalb	IL	505	2,021,838	510,822	0	0	510,822
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	130,405	50,206	0	0	50,206
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,168	2,180,040	2,362,894	170,043	184,306	2,178,588
Lee County Landfill	Lee	IL	600	1,293,146	387,944	0	0	387,944
Livingston Landfill	Livingston	IL	656	4,307,055	1,412,714	0	0	1,412,714
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	484	7,586,619	1,834,311	16,464	3,981	1,830,330
Prairie Hill RDF	Whiteside	IL	504	1,016,463	256,337	309,012	77,928	178,409
Prairie View RDF	Will	IL	850	2,217,282	942,340	0	0	942,340
River Bend Prairie	Cook	IL	0	0	0	0	0	0
Rochelle Landfill	Ogle	IL	1,242	556,523	345,666	0	0	345,666
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,067	2,985,698	1,592,372	0	0	1,592,372
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	739	2,149,077	793,900	100,431	100,431	693,469
Subtotal			792	27,585,288	10,927,705	595,950	366,646	10,561,059
Less, Special Waste								2,599,472
Total MSW								7,961,587

Landfill	County	State	2016					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			202,940		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			135,630		87,244	87,244
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,236,954		1,309,006	1,309,006
Liberty Landfill	White	IN			1,282,782		1,009,624	1,009,624
Subtotal					3,858,306		2,405,874	2,405,874
Less, Special Waste								57,383
Total MSW								2,348,491

Landfill	County	State	2016					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		895,612	271,398	29,515	8,944	8,944
SE Berrien County	Berrien	MI		1,032,579	312,903	97,534	29,556	29,556
Subtotal				1,928,191	584,301	127,049	38,500	38,500
Less, Special Waste								519
Total MSW								37,981

Landfill	County	State	2016					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			88,791		0	0
Glacier Ridge	Dodge	WI			596,418		0	0
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			150,428		9,028	9,028
Metro RDF	Milwaukee	WI			388,517		4,650	4,650
Kestrel Hawk	Racine	WI			153,747		682	682
City of Janesville - Rock Co. LF	Rock	WI			207,327		42,444	42,444
Mallard Ridge	Walworth	WI			284,067		6,156	6,156
Emerald Park	Waukesha	WI			471,838		0	0
Orchard Ridge RDF	Waukesha	WI			1,270,362		513	513
Subtotal					3,611,495		63,473	63,473
Less, Special Waste								0
Total MSW								63,473
Total Waste - All States								13,068,906
Total MSW - All States								10,411,532

Population (see Table E.3-5)								9,010,746
Waste Disposal (pcd) - Total Waste								7.9
Waste Disposal (pcd) - MSW Only								6.3

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2015					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	778	1,516,949	589,735	0	0	589,735
DeKalb County Landfill	DeKalb	IL	452	1,985,294	449,039	0	0	449,039
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	375,218	144,459	0	0	144,459
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,257	1,888,287	2,130,808	94,414	106,540	2,024,268
Lee County Landfill	Lee	IL	600	1,838,421	551,526	0	0	551,526
Livingston Landfill	Livingston	IL	656	3,727,159	1,222,508	0	0	1,222,508
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	547	6,383,127	1,744,970	62,830	17,176	1,727,794
Prairie Hill RDF	Whiteside	IL	520	1,135,474	295,352	309,012	80,378	214,974
Prairie View RDF	Will	IL	1,874	1,513,032	1,417,880	0	0	1,417,880
River Bend Prairie	Cook	IL	955	1,226	585	0	0	585
Rochelle Landfill	Ogle	IL	1,163	831,766	483,584	0	0	483,584
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,237	2,197,601	1,358,984	0	0	1,358,984
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	787	2,220,062	873,672	67,346	26,503	847,169
Subtotal			=====	=====	=====	=====	=====	=====
Subtotal			0	25,613,616	11,263,102	533,602	230,597	11,032,505
Less, Special Waste								2,625,899
Total MSW								8,406,606

Landfill	County	State	2015					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			193,132		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			113,226		62,626	62,626
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,165,726		1,261,315	1,261,315
Liberty Landfill	White	IN			1,318,647		1,030,451	1,030,451
Subtotal					=====		=====	=====
Subtotal					3,790,731		2,354,392	2,354,392
Less, Special Waste								126,650
Total MSW								2,227,742

Landfill	County	State	2015					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		898,604	272,304	34,944	10,589	10,589
SE Berrien County	Berrien	MI		965,972	292,719	80,158	24,290	24,290
Subtotal				=====	=====	=====	=====	=====
Subtotal				1,864,576	565,023	115,102	34,879	34,879
Less, Special Waste								203
Total MSW								34,676

Landfill	County	State	2015					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			89,846		0	0
Glacier Ridge	Dodge	WI			600,172		0	0
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			151,181		11,392	11,392
Metro RDF	Milwaukee	WI			348,768		4,498	4,498
Kestrel Hawk	Racine	WI			162,993		870	870
City of Janesville - Rock Co. LF	Rock	WI			151,131		33,365	33,365
Mallard Ridge	Walworth	WI			315,628		13,350	13,350
Emerald Park	Waukesha	WI			584,968		1,254	1,254
Orchard Ridge RDF	Waukesha	WI			1,002,274		566	566
Subtotal					=====		=====	=====
Subtotal					3,406,961		65,295	65,295
Less, Special Waste								0
Total MSW								65,295
Total Waste - All States								13,487,072
Total MSW - All States								10,734,320

Population (see Table E.3-5) 9,031,088

Waste Disposal (pcd) - Total Waste 8.2

Waste Disposal (pcd) - MSW Only 6.5

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2014					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	768	1,542,810	592,515	0	0	592,515
DeKalb County Landfill	DeKalb	IL	642	592,131	190,120	0	0	190,120
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	344,841	132,821	562	216	132,605
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,915	2,028,226	2,956,212	62,875	91,643	2,864,569
Lee County Landfill	Lee	IL	600	1,692,404	507,722	0	0	507,722
Livingston Landfill	Livingston	IL	656	3,645,159	1,195,612	0	0	1,195,612
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	611	6,059,474	1,851,352	34,692	10,599	1,840,753
Prairie Hill RDF	Whiteside	IL	573	1,704,749	488,655	100,269	28,741	459,914
Prairie View RDF	Will	IL	881	1,688,970	743,835	0	0	743,835
River Bend Prairie	Cook	IL	955	114,017	54,416	0	0	54,416
Rochelle Landfill	Ogle	IL	1,540	540,856	416,531	0	0	416,531
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,366	1,875,911	1,281,653	0	0	1,281,653
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	772	2,311,411	892,265	26,814	10,351	881,914
Subtotal			936	24,140,959	11,303,709	225,212	141,550	11,162,159
Less, Special Waste								3,119,938
Total MSW								8,042,221

Landfill	County	State	2014					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			190,829		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			107,962		52,831	52,831
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,171,190		1,274,395	1,274,395
Liberty Landfill	White	IN			1,267,843		977,136	977,136
Subtotal					3,737,824		2,304,362	2,304,362
Less, Special Waste								36,487
Total MSW								2,267,875

Landfill	County	State	2014					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		746,666	226,262	37,614	11,398	11,398
SE Berrien County	Berrien	MI		986,187	298,845	212,627	64,432	64,432
Subtotal				1,732,853	525,107	250,241	75,830	75,830
Less, Special Waste								443
Total MSW								75,387

Landfill	County	State	2014					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			36,042		0	0
Glacier Ridge	Dodge	WI			640,361		0	0
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			164,830		20,231	20,231
Metro RDF	Milwaukee	WI			383,748		4,896	4,896
Kestrel Hawk	Racine	WI			171,114		453	453
City of Janesville - Rock Co. LF	Rock	WI			129,904		36,006	36,006
Mallard Ridge	Walworth	WI			366,753		14,310	14,310
Emerald Park	Waukesha	WI			512,534		0	0
Orchard Ridge RDF	Waukesha	WI			913,221		232	232
Subtotal					3,318,507		76,128	76,128
Less, Special Waste								0
Total MSW								76,128
Total Waste - All States								13,618,479
Total MSW - All States								10,461,611

Population (see Table E.3-5)								9,039,277
Waste Disposal (pcd) - Total Waste								8.3
Waste Disposal (pcd) - MSW Only								6.3

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2013					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	706	1,534,479	541,496	0	0	541,496
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	210,442	81,020	843	325	80,695
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,904	1,906,966	2,768,445	133,488	193,792	2,574,653
Lee County Landfill	Lee	IL	600	1,803,877	541,163	0	0	541,163
Livingston Landfill	Livingston	IL	656	3,439,726	1,128,230	0	0	1,128,230
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	589	5,529,382	1,628,493	3,188	939	1,627,554
Prairie Hill RDF	Whiteside	IL	573	2,103,920	602,591	91,175	26,114	576,477
Prairie View RDF	Will	IL	846	1,876,257	793,994	0	0	793,994
River Bend Prairie	Cook	IL	681	559,180	190,298	13,591	4,625	185,673
Rochelle Landfill	Ogle	IL	1,527	401,227	306,281	0	0	306,281
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,053	3,062,424	1,611,801	0	0	1,611,801
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	803	1,978,304	794,125	68,228	27,388	766,737
Subtotal			900	24,406,184	10,987,937	310,513	253,183	10,734,754
Less, Special Waste								2,698,504
Total MSW								8,036,250

Landfill	County	State	2013					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			214,418		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			77,688		25,156	25,156
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,098,390		1,263,762	1,263,762
Liberty Landfill	White	IN			1,171,966		911,308	911,308
Subtotal					3,562,462		2,200,226	2,200,226
Less, Special Waste								36,075
Total MSW								2,164,151

Landfill	County	State	2013					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		876,495	265,605	34,461	10,443	10,443
SE Berrien County	Berrien	MI		648,496	196,514	29,022	8,795	8,795
Subtotal				1,524,991	462,119	63,483	19,238	19,238
Less, Special Waste								3,543
Total MSW								15,695

Landfill	County	State	2013					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			128,905		0	0
Glacier Ridge	Dodge	WI			613,768		14,755	14,755
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			176,717		24,433	24,433
Metro RDF	Milwaukee	WI			369,139		4,775	4,775
Kestrel Hawk	Racine	WI			168,100		492	492
City of Janesville - Rock Co. LF	Rock	WI			173,023		41,806	41,806
Mallard Ridge	Walworth	WI			315,183		13,530	13,530
Emerald Park	Waukesha	WI			392,893		0	0
Orchard Ridge RDF	Waukesha	WI			806,406		189	189
Subtotal					3,144,134		99,980	99,980
Less, Special Waste								0
Total MSW								99,980
Total Waste - All States								13,054,198
Total MSW - All States								10,316,076

Population (see Table E.3-5) 8,929,695

Waste Disposal (pcd) - Total Waste 8.0

Waste Disposal (pcd) - MSW Only 6.3

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2012					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	700	1,264,507	442,753	0	0	442,753
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	225,704	86,896	107	41	86,855
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,785	1,495,104	2,081,771	224,266	312,266	1,769,505
Lee County Landfill	Lee	IL	600	1,419,857	425,956	0	0	425,956
Livingston Landfill	Livingston	IL	656	3,566,463	1,169,800	0	0	1,169,800
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	917	3,079,923	1,412,368	20,621	9,456	1,402,912
Prairie Hill RDF	Whiteside	IL	568	2,045,299	581,203	136,850	38,888	542,315
Prairie View RDF	Will	IL	561	2,513,663	704,943	0	0	704,943
River Bend Prairie	Cook	IL	621	789,817	245,095	23,257	7,217	237,878
Rochelle Landfill	Ogle	IL	1,562	217,536	169,950	0	0	169,950
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	1,429	2,029,614	1,449,724	0	0	1,449,724
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	812	1,913,600	776,922	32,865	13,343	763,579
Subtotal			=====	=====	=====	=====	=====	=====
			929	20,561,087	9,547,381	437,966	381,211	9,166,170
Less, Special Waste								1,926,503
Total MSW								7,239,667

Landfill	County	State	2012					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			221,124		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			68,553		24,242	24,242
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,173,923		1,248,991	1,248,991
Liberty Landfill	White	IN			1,051,217		858,654	858,654
Subtotal					=====		=====	=====
					3,514,817		2,131,887	2,131,887
Less, Special Waste								47,319
Total MSW								2,084,568

Landfill	County	State	2012					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		999,585	302,905	32,098	9,727	9,727
SE Berrien County	Berrien	MI		610,292	184,937	6,322	1,916	1,916
Subtotal				=====	=====	=====	=====	=====
				1,609,877	487,842	38,420	11,643	11,643
Less, Special Waste								400
Total MSW								11,243

Landfill	County	State	2012					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			68,571		0	0
Glacier Ridge	Dodge	WI			413,394		24,577	24,577
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			149,028		20,993	20,993
Metro RDF	Milwaukee	WI			385,645		4,036	4,036
Kestrel Hawk	Racine	WI			152,744		1,147	1,147
City of Janesville - Rock Co. LF	Rock	WI			181,245		20,822	20,822
Mallard Ridge	Walworth	WI			295,692		40,024	40,024
Emerald Park	Waukesha	WI			685,699		0	0
Orchard Ridge RDF	Waukesha	WI			1,508,857		297	297
Subtotal					=====		=====	=====
					3,840,875		111,896	111,896
Less, Special Waste								0
Total MSW								111,896
Total Waste - All States								11,421,596
Total MSW - All States								9,447,374

Population (see Table E.3-5)								8,909,675
Waste Disposal (pcd) - Total Waste								7.0
Waste Disposal (pcd) - MSW Only								5.8

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2011					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	658	1,396,208	459,420	0	0	459,420
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	278,700	107,299	47	18	107,281
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	2,225	1,024,384	1,139,435	264,291	293,974	845,461
Lee County Landfill	Lee	IL	600	1,514,879	454,280	0	0	454,280
Livingston Landfill	Livingston	IL	656	3,869,256	1,269,116	0	0	1,269,116
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	652	5,096,351	1,662,132	108,377	35,346	1,626,786
Prairie Hill RDF	Whiteside	IL	581	2,139,008	621,014	156,927	45,560	575,454
Prairie View RDF	Will	IL	494	2,757,419	680,403	0	0	680,403
River Bend Prairie	Cook	IL	703	823,604	289,398	26,756	9,402	279,996
Rochelle Landfill	Ogle	IL	1,123	201,899	113,329	0	0	113,329
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	500	5,699,422	1,424,855	0	0	1,424,855
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	869	1,613,178	700,926	41,660	18,101	682,825
Subtotal			=====	=====	=====	=====	=====	=====
			676	26,414,307	8,921,607	598,058	402,401	8,519,206
Less, Special Waste								991,866
Total MSW								7,527,340

Landfill	County	State	2011					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			227,294		0	0
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			71,657		26,741	26,741
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,314,364		1,379,903	1,379,903
Liberty Landfill	White	IN			1,094,875		900,082	900,082
Subtotal					=====		=====	=====
					3,708,190		2,306,726	2,306,726
Less, Special Waste								118,770
Total MSW								2,187,956

Landfill	County	State	2011					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		883,334	267,677	30,511	9,246	9,246
SE Berrien County	Berrien	MI		565,059	171,230	0	0	0
Subtotal				=====	=====	=====	=====	=====
				1,448,393	438,907	30,511	9,246	9,246

Landfill	County	State	2011					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			87,819		0	0
Glacier Ridge	Dodge	WI			383,972		19,446	19,446
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			159,979		26,245	26,245
Metro RDF	Milwaukee	WI			365,739		3,967	3,967
Kestrel Hawk	Racine	WI			135,814		1,100	1,100
City of Janesville - Rock Co. LF	Rock	WI			213,410		23,594	23,594
Mallard Ridge	Walworth	WI			357,940		47,681	47,681
Emerald Park	Waukesha	WI			454,588		0	0
Orchard Ridge RDF	Waukesha	WI			1,028,649		0	0
Subtotal					=====		=====	=====
					3,187,910		122,033	122,033
Less, Special Waste								0
Total MSW								122,033
Total Waste - All States								10,957,211
Total MSW - All States								9,846,575
Population (see Table E.3-5)								8,884,390
Waste Disposal (pcd) - Total Waste								6.8
Waste Disposal (pcd) - MSW Only								6.1

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2010					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	0	0	0	0	0	0
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	677	1,389,587	470,147	0	0	470,147
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	323,295	124,469	870	335	124,134
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	3,102	84,595	131,207	2,712	4,206	127,001
Lee County Landfill	Lee	IL	587	1,552,558	455,768	0	0	455,768
Livingston Landfill	Livingston	IL	656	4,342,082	1,424,203	117	38	1,424,165
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	563	6,584,050	1,853,410	26,857	7,560	1,845,850
Prairie Hill RDF	Whiteside	IL	599	2,225,210	666,912	154,349	46,260	620,652
Prairie View RDF	Will	IL	550	2,696,513	741,541	0	0	741,541
River Bend Prairie	Cook	IL	728	875,508	318,510	23,201	8,441	310,069
Rochelle Landfill	Ogle	IL	1,120	212,913	119,231	0	0	119,231
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	500	5,173,144	1,293,969	0	0	1,293,969
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	1,120	1,185,282	663,758	66,498	37,239	626,519
Subtotal			=====	=====	=====	=====	=====	=====
			620	26,644,737	8,263,125	274,604	104,079	8,159,046
Less, Special Waste								399,258
Total MSW								7,759,788

Landfill	County	State	2010					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			189,713		27	27
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			64,207		19,298	19,298
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,317,994		1,425,528	1,425,528
Liberty Landfill	White	IN			985,701		837,222	837,222
Subtotal					=====		=====	=====
					3,557,615		2,282,075	2,282,075
Less, Special Waste								97,188
Total MSW								2,184,887

Landfill	County	State	2010					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI			722,939		48,445	14,680
SE Berrien County	Berrien	MI			555,587		2	1
Subtotal					=====		=====	=====
					555,587		48,447	14,681

Landfill	County	State	2010					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			52,571		0	0
Glacier Ridge	Dodge	WI			374,221		21,441	21,441
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			189,025		32,507	32,507
Metro RDF	Milwaukee	WI			352,668		2,708	2,708
Kestrel Hawk	Racine	WI			124,629		24,444	24,444
City of Janesville - Rock Co. LF	Rock	WI			260,049		27,615	27,615
Mallard Ridge	Walworth	WI			275,754		72,042	72,042
Emerald Park	Waukesha	WI			480,432		0	0
Orchard Ridge RDF	Waukesha	WI			980,796		28	28
Subtotal					=====		=====	=====
					3,090,145		180,785	180,785
Less, Special Waste								0
Total MSW								180,785
Total Waste - All States								10,636,587
Total MSW - All States								10,140,141
Population (see Table E.3-5)								8,848,955
Waste Disposal (pcd) - Total Waste								6.6
Waste Disposal (pcd) - MSW Only								6.3

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2009					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	2,000	3,917	3,917	0	0	3,917
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	611	1,550,765	473,733	0	0	473,733
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	465,080	179,056	1,482	571	178,485
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	0	0	0	0	0	0
Laraway RDF	Will	IL	3,700	103,420	191,327	0	0	191,327
Lee County Landfill	Lee	IL	600	3,135,080	940,524	0	0	940,524
Livingston Landfill	Livingston	IL	656	3,112,134	1,020,780	195	64	1,020,716
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	545	5,635,831	1,535,764	973	265	1,535,499
Prairie Hill RDF	Whiteside	IL	559	1,632,790	456,365	122,492	34,237	422,128
Prairie View RDF	Will	IL	561	2,660,353	746,229	0	0	746,229
River Bend Prairie	Cook	IL	708	825,926	292,265	23,100	8,174	284,091
Rochelle Landfill	Ogle	IL	1,120	305,600	171,136	0	0	171,136
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	0	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	509	3,726,476	948,024	0	0	948,024
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	682	2,139,773	729,663	57,159	19,491	710,172
Subtotal			=====	=====	=====	=====	=====	=====
			608	25,297,145	7,688,783	205,401	62,802	7,625,981
Less, Special Waste								413,085
Total MSW								7,212,896

Landfill	County	State	2009					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			167,975		62	62
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			56,264		17,382	17,382
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,249,110		1,439,743	1,439,743
Liberty Landfill	White	IN			902,205		631,170	631,170
Subtotal					=====		=====	=====
					3,375,554		2,088,358	2,088,358
Less, Special Waste								36,046
Total MSW								2,052,312

Landfill	County	State	2009					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		1,162,436	352,253	409,430	124,070	124,070
SE Berrien County	Berrien	MI		679,506	205,911	0	0	0
Subtotal				=====	=====	=====	=====	=====
				679,506	558,164	409,430	124,070	124,070

Landfill	County	State	2009					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			80,504		0	0
Glacier Ridge	Dodge	WI			351,985		21,605	21,605
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			611,024		449,410	449,410
Metro RDF	Milwaukee	WI			433,907		14	14
Kestrel Hawk	Racine	WI			153,915		35,662	35,662
City of Janesville - Rock Co. LF	Rock	WI			251,488		27,072	27,072
Mallard Ridge	Walworth	WI			368,767		135,581	135,581
Emerald Park	Waukesha	WI			419,602		0	0
Orchard Ridge RDF	Waukesha	WI			987,803		0	0
Subtotal					=====		=====	=====
					3,658,995		669,344	669,344
Less, Special Waste								0
Total MSW								669,344
Total Waste - All States								10,507,753
Total MSW - All States								10,058,622
Population (see Table E.3-5)								8,823,571
Waste Disposal (pcd) - Total Waste								6.5
Waste Disposal (pcd) - MSW Only								6.2

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2008					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	2,000	12,000	12,000	0	0	12,000
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	500	1,761,647	440,412	0	0	440,412
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	844,543	325,149	2,796	1,076	324,073
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	30,046	9,014	0	0	9,014
Laraway RDF	Will	IL	3,400	76,730	130,441	0	0	130,441
Lee County Landfill	Lee	IL	600	3,695,096	1,108,529	19,717	5,915	1,102,614
Livingston Landfill	Livingston	IL	656	3,255,723	1,067,877	0	0	1,067,877
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	519	6,878,666	1,785,014	949	246	1,784,768
Prairie Hill RDF	Whiteside	IL	551	1,405,844	387,310	131,054	36,105	351,205
Prairie View RDF	Will	IL	504	2,984,678	752,139	0	0	752,139
River Bend Prairie	Cook	IL	784	1,226,000	480,592	28,790	11,286	489,306
Rochelle Landfill	Ogle	IL	1,120	364,000	203,840	0	0	203,840
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	600	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	509	2,654,046	675,455	0	0	675,455
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	578	2,167,940	626,535	43,717	12,634	613,901
Subtotal			=====	=====	=====	=====	=====	=====
			585	27,356,959	8,004,307	227,023	67,262	7,937,045
Less, Special Waste								314,360
Total MSW								7,622,685

Landfill	County	State	2008					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			178,885		58,232	58,232
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			26,786		15,398	15,398
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,926,489		1,838,200	1,838,200
Liberty Landfill	White	IN			643,978		330,169	330,169
Subtotal					=====		=====	=====
					3,776,138		2,241,999	2,241,999
Less, Special Waste								63,073
Total MSW								2,178,926

Landfill	County	State	2008					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		2,191,731	664,161	859,072	260,325	260,325
SE Berrien County	Berrien	MI		921,821	279,340	0	0	0
Subtotal				=====	=====	=====	=====	=====
				3,113,552	943,501	859,072	260,325	260,325

Landfill	County	State	2008					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			81,548		16	16
Glacier Ridge	Dodge	WI			372,337		17,275	17,275
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			794,235		608,691	608,691
Metro RDF	Milwaukee	WI			492,622		21	21
Kestrel Hawk	Racine	WI			171,135		46,013	46,013
City of Janesville - Rock Co. LF	Rock	WI			311,617		31,783	31,783
Mallard Ridge	Walworth	WI			639,974		389,718	389,718
Emerald Park	Waukesha	WI			644,144		0	0
Orchard Ridge RDF	Waukesha	WI			1,048,179		18	18
Subtotal					=====		=====	=====
					4,555,791		1,093,535	1,093,535
Less, Special Waste								16
Total MSW								1,093,519
Total Waste - All States								11,532,904
Total MSW - All States								11,155,455
Population (see Table E.3-5)								8,798,182
Waste Disposal (pcd) - Total Waste								7.2
Waste Disposal (pcd) - MSW Only								6.9

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Disposal rate based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2007					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	0	0	0	0	0	0
CID RDF #4	Cook	IL	2,000	12,207	12,207	11,649	11,649	558
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	500	1,751,478	437,870	0	0	437,870
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	881,449	339,358	4,408	1,697	337,661
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	3,963,321	1,188,996	0	0	1,188,996
Laraway RDF	Will	IL	3,400	48,661	82,724	0	0	82,724
Lee County Landfill	Lee	IL	600	2,506,750	752,025	156	47	751,978
Livingston Landfill	Livingston	IL	656	4,591,439	1,505,992	0	0	1,505,992
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	524	6,296,274	1,648,994	3,293	862	1,648,132
Prairie Hill RDF	Whiteside	IL	541	1,315,685	355,893	107,866	29,178	326,715
Prairie View RDF	Will	IL	587	2,918,871	856,689	0	0	856,689
River Bend Prairie	Cook	IL	895	966,409	432,468	167	75	432,393
Rochelle Landfill	Ogle	IL	1,120	344,813	193,095	0	0	193,095
Settler's Hill RDF	Kane	IL	0	0	0	0	0	0
Streator Area Landfill	Livingston	IL	600	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	438	3,348,184	733,252	0	0	733,252
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	627	2,582,253	809,536	40,645	12,742	796,794
Subtotal			=====	=====	=====	=====	=====	=====
			593	31,527,793	9,349,099	168,184	56,250	9,292,849
Less, Special Waste								559,170
Total MSW								8,733,679

Landfill	County	State	2007					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			214,577		106,339	106,339
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			54,972		10,555	10,555
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,692,455		1,465,200	1,465,200
Liberty Landfill	White	IN			721,817		421,937	421,937
Subtotal					=====		=====	=====
					3,683,821		2,004,031	2,004,031
Less, Special Waste								113,633
Total MSW								1,890,398

Landfill	County	State	2007					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		2,102,367	637,081	561,859	170,260	170,260
SE Berrien County	Berrien	MI		855,135	259,132	5,562	1,685	1,685
Subtotal				=====	=====	=====	=====	=====
				855,135	896,213	567,421	171,945	171,945

Landfill	County	State	2007					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			117,022		0	0
Glacier Ridge	Dodge	WI			326,634		15,855	15,855
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			951,667		766,801	766,801
Metro RDF	Milwaukee	WI			500,708		6	6
Kestrel Hawk	Racine	WI			187,696		48,706	48,706
City of Janesville - Rock Co. LF	Rock	WI			310,622		29,334	29,334
Mallard Ridge	Walworth	WI			650,050		399,699	399,699
Emerald Park	Waukesha	WI			726,196		0	0
Orchard Ridge RDF	Waukesha	WI			1,074,810		7	7
Subtotal					=====		=====	=====
					4,845,405		1,260,408	1,260,408
Less, Special Waste								0
Total MSW								1,260,408
Total Waste - All States								12,729,233
Total MSW - All States								12,056,430
Population (see Table E.3-5)								8,772,799
Waste Disposal (pcd) - Total Waste								8.0
Waste Disposal (pcd) - MSW Only								7.5

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Disposal rate based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2006					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	2,000	1,091	1,091	0	0	1,091
CID RDF #4	Cook	IL	2,000	972	972	90	90	882
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	500	1,559,997	389,999	0	0	389,999
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	1,123,943	432,718	0	0	432,718
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	574,965	172,490	0	0	172,490
Laraway RDF	Will	IL	2,000	112	112	0	0	112
Lee County Landfill	Lee	IL	600	3,062,370	918,711	287	86	918,625
Livingston Landfill	Livingston	IL	656	6,145,905	2,015,857	0	0	2,015,857
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	540	6,567,694	1,773,934	244	66	1,773,868
Prairie Hill RDF	Whiteside	IL	536	1,014,600	271,913	92,428	24,771	247,142
Prairie View RDF	Will	IL	559	2,462,307	688,215	0	0	688,215
River Bend Prairie	Cook	IL	986	720,267	355,092	221	109	354,983
Rochelle Landfill	Ogle	IL	1,120	445,000	249,200	0	0	249,200
Settler's Hill RDF	Kane	IL	629	3,336,576	1,049,353	0	0	1,049,353
Streator Area Landfill	Livingston	IL	600	0	0	0	0	0
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Winnebago Landfill	Winnebago	IL	438	2,630,580	576,097	0	0	576,097
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	686	2,579,859	884,892	59,289	20,336	864,556
Subtotal			607	32,226,238	9,780,646	152,558	45,458	9,735,188
Less, Special Waste								892,252
Total MSW								8,842,936

Landfill	County	State	2006					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			665,594		511,031	511,031
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			66,547		42,180	42,180
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,604,061		1,313,549	1,313,549
Liberty Landfill	White	IN			562,685		278,470	278,470
Subtotal					3,898,887		2,145,230	2,145,230
Less, Special Waste								94,370
Total MSW								2,050,860

Landfill	County	State	2006					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		4,063,461	1,231,352	1,588,424	481,341	481,341
SE Berrien County	Berrien	MI		724,376	219,508	0	0	0
Subtotal				4,787,837	1,450,860	1,588,424	481,341	481,341

Landfill	County	State	2006					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			149,279		0	0
Glacier Ridge	Dodge	WI			275,663		11,503	11,503
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			1,033,438		838,080	838,080
Metro RDF	Milwaukee	WI			540,890		3,796	3,796
Kestrel Hawk	Racine	WI			298,319		135,457	135,457
City of Janesville - Rock Co. LF	Rock	WI			225,340		23,893	23,893
Mallard Ridge	Walworth	WI			542,344		209,955	209,955
Emerald Park	Waukesha	WI			890,257		0	0
Orchard Ridge RDF	Waukesha	WI			1,227,189		0	0
Subtotal					5,182,719		1,222,684	1,222,684
Less, Special Waste								0
Total MSW								1,222,684
Total Waste - All States								13,584,443
Total MSW - All States								12,597,821
Population (see Table E.3-5)								8,747,412
Waste Disposal (pcd) - Total Waste								8.5
Waste Disposal (pcd) - MSW Only								7.9

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Disposal rate based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2005					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	2,000	99,808	99,808	1,243	1,243	98,565
CID RDF #4	Cook	IL	2,000	24,241	24,241	5,110	5,110	19,131
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	600	1,742,516	522,755	0	0	522,755
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	770	1,260,446	485,272	0	0	485,272
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	308,313	92,494	0	0	92,494
Laraway RDF	Will	IL	2,000	195	195	0	0	195
Lee County Landfill	Lee	IL	600	4,044,660	1,213,398	141	42	1,213,356
Livingston Landfill	Livingston	IL	656	6,667,994	2,187,102	0	0	2,187,102
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	484	5,097,255	1,232,516	55	13	1,232,503
Prairie View RDF	Will	IL	487	1,876,777	456,995	0	0	456,995
River Bend Prairie	Cook	IL	1,055	737,276	388,913	585	309	388,604
Settler's Hill RDF	Kane	IL	629	2,485,345	781,641	0	0	781,641
Streator Area Landfill	Livingston	IL	600	67,663	20,299	53	16	20,283
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	742	2,805,300	1,040,766	75,864	28,146	1,012,620
Subtotal			628	27,217,789	8,546,395	83,051	34,879	8,511,516
Less, Special Waste								885,587
Total MSW								7,625,929

Landfill	County	State	2005					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			1,200,430		1,092,741	1,092,741
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			199,048		165,950	165,950
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			2,145,175		1,090,179	1,090,179
Liberty Landfill	White	IN			577,613		252,630	252,630
Subtotal					4,122,266		2,601,500	2,601,500
Less, Special Waste								80,449
Total MSW								2,521,051

Landfill	County	State	2005					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		3,712,950	1,125,136	1,249,612	378,670	378,670
SE Berrien County	Berrien	MI		689,221	208,855	2	1	1
Subtotal				4,402,171	1,333,991	1,249,614	378,671	378,671

Landfill	County	State	2005					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			170,650		2	2
Glacier Ridge	Dodge	WI			320,825		14,236	14,236
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			1,154,006		970,742	970,742
Metro RDF	Milwaukee	WI			617,974		1,016	1,016
Kestrel Hawk	Racine	WI			439,427		357,971	357,971
City of Janesville - Rock Co. LF	Rock	WI			205,206		16,961	16,961
Mallard Ridge	Walworth	WI			337,970		51,104	51,104
Emerald Park	Waukesha	WI			872,487		0	0
Orchard Ridge RDF	Waukesha	WI			1,200,920		6	6
Subtotal					5,319,465		1,412,038	1,412,038
Less, Special Waste								2
Total MSW								1,412,036
Total Waste - All States								12,903,725
Total MSW - All States								11,937,687

Population (see Table E.3-5) 8,375,611

Waste Disposal (pcd) - Total Waste 8.4

Waste Disposal (pcd) - MSW Only 7.8

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Disposal rate based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

			2004					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	2,400	303,857	364,628	6,296	7,555	357,073
CID RDF #4	Cook	IL	2,400	133,232	159,878	2,183	2,620	157,258
Community Landfill	Grundy	IL	0	0	0	0	0	0
Countryside RDF	Lake	IL	600	1,881,489	564,447	0	0	564,447
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	811	1,147,644	465,370	0	0	465,370
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	359,255	107,777	0	0	107,777
Laraway RDF	Will	IL	2,400	2,629	3,155	0	0	3,155
Lee County Landfill	Lee	IL	600	4,025,263	1,207,579	15,812	4,744	1,202,835
Livingston Landfill	Livingston	IL	656	7,547,607	2,475,615	0	0	2,475,615
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	475	4,721,672	1,121,161	277	66	1,121,095
Prairie View RDF	Will	IL	436	1,885,665	411,075	0	0	411,075
River Bend Prairie	Cook	IL	1,031	716,530	369,371	2,630	1,356	368,015
Settler's Hill RDF	Kane	IL	592	2,461,334	728,555	0	0	728,555
Streator Area Landfill	Livingston	IL	600	554,032	166,210	2,644	793	165,417
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	643	2,593,587	833,838	81,528	26,211	807,627
Subtotal			634	28,333,796	8,978,659	111,370	43,345	8,935,314
Less, Special Waste								869,993
Total MSW								8,065,321
			2004					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			712,180		605,664	605,664
Munster Landfill	Lake	IN			73,313		17,347	17,347
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			270,807		223,521	223,521
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			1,685,838		952,734	952,734
Liberty Landfill	White	IN			583,737		291,005	291,005
Subtotal					3,325,875		2,090,271	2,090,271
Less, Special Waste								93,662
Total MSW								1,996,609
			2004					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		4,029,803	1,221,152		535,937	535,937
SE Berrien County	Berrien	MI		651,732	197,495		17	17
Subtotal				4,681,535	1,418,647		535,954	535,954
			2004					
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			218,686		28	28
Glacier Ridge	Dodge	WI			308,934		17,511	17,511
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			1,168,236		955,813	955,813
Metro RDF	Milwaukee	WI			890,133		27,544	27,544
Kestrel Hawk	Racine	WI			576,742		344,666	344,666
City of Janesville - Rock Co. LF	Rock	WI			155,554		16,617	16,617
Mallard Ridge	Wauworth	WI			345,908		45,408	45,408
Emerald Park	Waukesha	WI			639,921		0	0
Orchard Ridge RDF	Waukesha	WI			883,997		3	3
Subtotal					5,188,111		1,407,590	1,407,590
Less, Special Waste								28
Total MSW								1,407,562
Total Waste - All States								12,969,129
Total MSW - All States								12,005,446
Population (see Table E.3-5)								8,351,693
Waste Disposal (pcd) - Total Waste								8.5
Waste Disposal (pcd) - MSW Only								7.9

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2003					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	985	301,618	148,547	1,396	688	147,859
CID RDF #4	Cook	IL	1,842	78,638	72,426	2,286	2,105	70,321
Community Landfill	Grundy	IL	600	0	0	0	0	0
Countryside RDF	Lake	IL	600	1,796,279	538,884	0	0	538,884
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	730	1,346,988	491,651	0	0	491,651
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	387,266	116,180	0	0	116,180
Laraway RDF	Will	IL	1,980	19,688	19,491	0	0	19,491
Lee County Landfill	Lee	IL	600	4,337,507	1,301,252	60,908	18,273	1,282,979
Livingston Landfill	Livingston	IL	656	10,550,336	3,460,510	0	0	3,460,510
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	426	4,928,362	1,049,741	3,294	702	1,049,039
River Bend Prairie	Cook	IL	722	663,684	239,590	28,190	10,176	229,414
Settler's Hill RDF	Kane	IL	495	4,766,833	1,179,791	0	0	1,179,791
Streator Area Landfill	Livingston	IL	600	369,803	110,941	5,394	1,618	109,323
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Woodland RDF	Kane	IL	0	0	0	0	0	0
Zion Landfill	Lake	IL	590	2,661,210	785,057	84,000	24,780	760,277
Subtotal			591	32,208,212	9,514,061	185,469	58,342	9,455,719
Less, Special Waste								864,307
Total MSW								8,591,412

Landfill	County	State	2003					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			303,978		104,739	104,739
Munster Landfill	Lake	IN			164,719		34,769	34,769
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			112,585		63,966	63,966
Deercroft RDF	LaPorte	IN			0		0	0
Newton County Landfill	Newton	IN			1,102,460		536,777	536,777
Liberty Landfill	White	IN			321,545		23,164	23,164
Subtotal					2,005,287		763,415	763,415
Less, Special Waste								43,901
Total MSW								719,514

Landfill	County	State	2003					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		3,875,979	1,174,539	1,811,172	548,840	548,840
SE Berrien County	Berrien	MI		589,082	178,510	115	35	35
Subtotal				4,465,061	1,353,049	1,811,287	548,875	548,875

Landfill	County	State	2003					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			153,399		165	165
Glacier Ridge	Dodge	WI			285,370		12,526	12,526
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			670,868		469,627	469,627
Metro RDF	Milwaukee	WI			871,920		80,941	80,941
Kestrel Hawk	Racine	WI			508,510		279,436	279,436
City of Janesville - Rock Co. LF	Rock	WI			150,087		22,088	22,088
Mallard Ridge	Walworth	WI			323,067		33,728	33,728
Emerald Park	Waukesha	WI			637,418		0	0
Orchard Ridge RDF	Waukesha	WI			822,442		15	15
Subtotal					4,423,081		898,526	898,526
Less, Special Waste								165
Total MSW								898,361
Total Waste - All States								11,666,535
Total MSW - All States								10,758,162

Population (see Table E.3-5) 8,327,777

Waste Disposal (pcd) - Total Waste 7.7  
Waste Disposal (pcd) - MSW Only 7.1

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2002					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	985	526,100	259,104	0	0	259,104
CID RDF #4	Cook	IL	1,842	512,730	472,224	5,653	5,206	467,018
Community Landfill	Grundy	IL	600	87,426	26,228	0	0	26,228
Countryside RDF	Lake	IL	600	1,803,372	541,012	0	0	541,012
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Envirotech	Grundy	IL	600	1,835,948	550,784	0	0	550,784
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	452,925	135,878	0	0	135,878
Laraway RDF	Will	IL	1,980	65,819	65,161	0	0	65,161
Lee County Landfill	Lee	IL	600	3,444,057	1,033,217	91,022	27,307	1,005,910
Livingston Landfill	Livingston	IL	656	9,630,512	3,158,808	0	0	3,158,808
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	468	4,413,427	1,032,742	25,663	6,005	1,026,737
River Bend Prairie	Cook	IL	900	620,753	279,339	31,138	14,012	265,327
Settler's Hill RDF	Kane	IL	513	4,299,246	1,102,757	0	0	1,102,757
Streator Area Landfill	Livingston	IL	600	173,077	51,923	1,403	421	51,502
Wheatland Prairie RDF	Will	IL	0	0	0	0	0	0
Woodland RDF	Kane	IL	606	928,610	281,397	180	55	281,342
Zion Landfill	Lake	IL	600	2,463,544	742,759	91,440	27,569	715,190
			=====	=====	=====	=====	=====	=====
Subtotal			623	31,257,546	9,733,333	246,499	80,575	9,652,758
Less, Special Waste								940,773
Total MSW								8,711,985

Landfill	County	State	2002					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			395,923		168,999	168,999
Munster Landfill	Lake	IN			157,587		33,029	33,029
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			28,669		20,756	20,756
Deercroft RDF	LaPorte	IN			787,289		512,325	512,325
Newton County Landfill	Newton	IN			1,073,722		547,819	547,819
Liberty Landfill	White	IN			138,668		8,453	8,453
					=====		=====	=====
Subtotal					2,581,858		1,291,381	1,291,381
Less, Special Waste								50,862
Total MSW								1,240,519

Landfill	County	State	2002					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		3,578,631	1,084,434	1,639,322	496,764	496,764
SE Berrien County	Berrien	MI		537,792	162,967	395	120	120
				=====	=====	=====	=====	=====
Subtotal				4,116,423	1,247,401	1,639,717	496,884	496,884

Landfill	County	State	2002					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			143,371		4,645	4,645
Glacier Ridge	Dodge	WI			342,641		13,969	13,969
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			603,264		419,530	419,530
Metro RDF	Milwaukee	WI			803,491		64,711	64,711
Kestrel Hawk	Racine	WI			537,054		322,503	322,503
City of Janesville - Rock Co. LF	Rock	WI			153,951		22,905	22,905
Mallard Ridge	Walworth	WI			364,177		75,656	75,656
Emerald Park	Waukesha	WI			792,372		0	0
Orchard Ridge RDF	Waukesha	WI			749,172		4	4
					=====		=====	=====
Subtotal					4,489,493		923,923	923,923
Less, Special Waste								4,645
Total MSW								919,278
Total Waste - All States								12,364,946
Total MSW - All States								11,368,666

Population (see Table E.3-5) 8,303,861

Waste Disposal (pcd) - Total Waste 8.2

Waste Disposal (pcd) - MSW Only 7.5

- Notes:
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
  2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
  3. Disposal rate based on 365 days per year.
  4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2001					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	0	0	0	0	0	0
CID RDF #3	Cook	IL	985	647,212	318,752	4,107	2,023	316,729
CID RDF #4	Cook	IL	1,842	246,097	226,655	3,380	3,113	223,542
Community Landfill	Grundy	IL	600	167,619	50,286	0	0	50,286
Countyside RDF	Lake	IL	600	1,717,380	515,214	0	0	515,214
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	600	1,657,071	497,121	0	0	497,121
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	513,520	154,056	0	0	154,056
Laraway RDF	Will	IL	1,980	115,889	114,730	0	0	114,730
Lee County Landfill	Lee	IL	600	3,440,363	1,032,109	102,024	30,607	1,001,502
Livingston Landfill	Livingston	IL	656	9,747,743	3,197,260	654	215	3,197,045
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	487	3,515,139	855,936	15,138	3,686	852,250
River Bend Prairie	Cook	IL	600	607,781	182,334	7,268	2,180	180,154
Settler's Hill RDF	Kane	IL	457	3,919,894	895,696	0	0	895,696
Streator Area Landfill	Livingston	IL	600	216,229	64,869	640	192	64,677
Wheatland Prairie RDF	Will	IL	550	192,208	52,857	0	0	52,857
Woodland RDF	Kane	IL	714	1,317,117	470,211	1,096	391	469,820
Zion Landfill	Lake	IL	572	2,359,617	674,850	77,039	22,033	652,817
			=====	=====	=====	=====	=====	=====
Subtotal			612	30,380,879	9,302,936	211,346	64,440	9,238,496
Less, Special Waste								723,305
Plus, Robbins WTE	Cook	IL	0	0	0	0	0	0
Total MSW								8,515,191

Landfill	County	State	2001					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
County Line Landfill	Fulton	IN			530,075		220,363	220,363
Munster Landfill	Lake	IN			157,622		33,580	33,580
Feddeler C/D Landfill	Lake	IN			0		0	0
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			881,725		611,772	611,772
Newton County Landfill	Newton	IN			1,176,499		647,816	647,816
Liberty Landfill	White	IN			0		0	0
					=====		=====	=====
Subtotal					2,745,921		1,513,531	1,513,531
Less, Special Waste								94,836
Total MSW								1,418,695

Landfill	County	State	2001					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Forest Lawn Landfill	Berrien	MI		4,544,318	1,377,066	2,559,811	775,700	775,700
SE Berrien County	Berrien	MI		557,892	169,058	3,185	965	965
				=====	=====	=====	=====	=====
Subtotal				5,102,210	1,546,124	2,562,996	776,665	776,665

Landfill	County	State	2001					Illinois (tons)
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	
Madison Prairie	Dane	WI			140,972		2,703	2,703
Glacier Ridge	Dodge	WI			441,749		11,709	11,709
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			718,715		525,908	525,908
Metro RDF	Milwaukee	WI			596,399		0	0
Kestrel Hawk	Racine	WI			778,277		526,377	526,377
City of Janesville - Rock Co. LF	Rock	WI			127,365		253	253
Mallard Ridge	Walworth	WI			231,640		14,220	14,220
Emerald Park	Waukesha	WI			788,481		0	0
Orchard Ridge RDF	Waukesha	WI			865,768		1,815	1,815
					=====		=====	=====
Subtotal					4,689,366		1,082,985	1,082,985
Less, Special Waste								2,703
Total MSW								1,080,282
Total Waste - All States								12,611,677
Total MSW - All States								11,790,833

Population (see Table E.3-5)								8,279,943
Waste Disposal (pcd) - Total Waste								8.3
Waste Disposal (pcd) - MSW Only								7.8

Notes:  
1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.  
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.  
3. Disposal rate based on 365 days per year.  
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	2000					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	800	308,050	123,220	0	0	123,220
CID RDF #3	Cook	IL	985	584,545	287,888	2,259	1,113	286,775
CID RDF #4	Cook	IL	1,842	224,365	206,640	2,682	2,470	204,170
Community Landfill	Grundy	IL	600	205,701	61,710	0	0	61,710
Countryside RDF	Lake	IL	600	1,529,215	458,765	0	0	458,765
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	600	2,083,157	624,947	0	0	624,947
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	161,865	48,560	0	0	48,560
Laraway RDF	Will	IL	1,980	475,642	470,886	778	770	470,116
Lee County Landfill	Lee	IL	600	3,052,273	915,682	0	0	915,682
Livingston Landfill	Livingston	IL	656	8,272,419	2,713,353	291	95	2,713,258
Mallard Lake Landfill	DuPage	IL	0	0	0	0	0	0
Orchard Hills Landfill	Ogle	IL	553	2,600,000	718,900	132	36	718,864
River Bend Prairie	Cook	IL	600	507,816	152,345	507	152	152,193
Settler's Hill RDF	Kane	IL	466	3,920,084	913,380	0	0	913,380
Streator Area Landfill	Livingston	IL	600	674,652	202,396	2,070	621	201,775
Wheatland Prairie RDF	Will	IL	550	742,564	204,205	0	0	204,205
Woodland RDF	Kane	IL	606	858,419	260,101	3,130	948	259,153
Zion Landfill	Lake	IL	521	2,012,593	524,280	85,244	22,206	502,074
			=====	=====	=====	=====	=====	=====
Subtotal			630	28,213,360	8,887,258	97,093	28,411	8,858,847
Less, Special Waste								764,049
Plus, Robbins WTE	Cook	IL	606	683,413	207,095	0	0	207,095
Total MSW								8,301,893

Landfill	County	State	2000					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			494,433		202,427	202,427
Munster Landfill	Lake	IN			149,260		40,423	40,423
Feddeler C/D Landfill	Lake	IN			7,631		53	53
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			1,074,816		652,779	652,779
Newton County Landfill	Newton	IN			885,336		546,497	546,497
Liberty Landfill	White	IN			0		0	0
					=====		=====	=====
Subtotal					2,611,476		1,442,179	1,442,179
Less, Special Waste								37,078
Total MSW								1,405,101

Landfill	County	State	2000					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		4,145,910	1,256,336	2,106,015	638,186	638,186
SE Berrien County	Berrien	MI		548,559	166,230	6,082	1,843	1,843
				=====	=====	=====	=====	=====
Subtotal				4,694,469	1,422,566	2,112,097	640,029	640,029

Landfill	County	State	2000					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			155,002		14,720	14,720
Glacier Ridge	Dodge	WI			428,317		7,019	7,019
Superior Valley Meadows	Jefferson	WI			0		0	0
Pheasant Run RDF	Kenosha	WI			797,312		612,712	612,712
Metro RDF	Milwaukee	WI			451,949		0	0
Kestrel Hawk	Racine	WI			558,611		393,838	393,838
City of Janesville - Rock Co. LF	Rock	WI			156,873		20,476	20,476
Mallard Ridge	Wauworth	WI			265,584		76,151	76,151
Emerald Park	Waukesha	WI			650,172		1,043	1,043
Orchard Ridge RDF	Waukesha	WI			932,685		873	873
					=====		=====	=====
Subtotal					4,396,505		1,126,832	1,126,832
Less, Special Waste								14,720
Total MSW								1,112,112
Total Waste - All States								12,274,982
Total MSW - All States								11,459,135

Population (see Table E.3-5)	8,256,027
Waste Disposal (pcd) - Total Waste	8.1
Waste Disposal (pcd) - MSW Only	7.6

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

			1999					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>Imports</u> <u>(c.y.)</u>	<u>Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	800	262,000	104,800	0	0	104,800
CID RDF #3	Cook	IL	985	465,831	229,422	4,597	2,264	227,158
CID RDF #4	Cook	IL	1,842	41,916	38,605	11,467	10,561	28,044
Community Landfill	Grundy	IL	600	303,067	90,920	0	0	90,920
Countryside RDF	Lake	IL	600	1,434,843	430,453	0	0	430,453
Dixon/GROP #2	Lee	IL	0	0	0	0	0	0
Environtech	Grundy	IL	600	1,487,889	446,367	0	0	446,367
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	0	0	0	0	0	0
Hillside	Cook	IL	600	813,843	244,153	0	0	244,153
Laraway RDF	Will	IL	1,980	188,785	186,897	4,904	4,855	182,042
Lee County Landfill	Lee	IL	600	2,227,247	668,174	0	0	668,174
Livingston Landfill	Livingston	IL	656	6,792,024	2,227,784	530	174	2,227,610
Mallard Lake Landfill	DuPage	IL	580	469,317	136,102	0	0	136,102
Orchard Hills Landfill	Ogle	IL	460	4,369,843	1,005,064	0	0	1,005,064
River Bend Prairie	Cook	IL	600	954,946	286,484	15,583	4,675	281,809
Settler's Hill RDF	Kane	IL	481	4,081,394	981,575	0	0	981,575
Streator Area Landfill	Livingston	IL	600	553,694	166,108	0	0	166,108
Wheatland Prairie RDF	Will	IL	490	2,027,665	496,778	0	0	496,778
Woodland RDF	Kane	IL	669	1,171,698	391,933	4,650	1,555	390,378
Zion Landfill	Lake	IL	578	1,788,741	516,946	72,677	21,004	495,942
			=====	=====	=====	=====	=====	=====
Subtotal			588	29,434,743	8,648,565	114,408	45,088	8,603,477
Less, Special Waste								688,278
Plus, Robbins WTE	Cook	IL	540	1,398,929	377,852	0	0	377,852
Total MSW								8,293,051
			1999					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
County Line Landfill	Fulton	IN			807,409		310,470	310,470
Munster Landfill	Lake	IN			126,396		44,230	44,230
Feddeler C/D Landfill	Lake	IN			47,002		21,754	21,754
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			544,913		155,661	155,661
Newton County Landfill	Newton	IN			1,416,299		1,174,481	1,174,481
Liberty Landfill	White	IN			100,578		34,288	34,288
					=====		=====	=====
Subtotal					3,042,597		1,740,884	1,740,884
Less, Special Waste								124,076
Total MSW								1,616,808
			1999					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Forest Lawn Landfill	Berrien	MI		2,329,695	705,968	552,889	167,542	167,542
SE Berrien County	Berrien	MI		604,862	183,292	5,133	1,555	1,555
				=====	=====	=====	=====	=====
Subtotal				2,934,557	889,260	558,022	169,097	169,097
			1999					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Madison Prairie	Dane	WI			169,669		0	0
Glacier Ridge	Dodge	WI			369,727		5,032	5,032
Superior Valley Meadows	Jefferson	WI			30,747		398	398
Pheasant Run RDF	Kenosha	WI			910,633		740,142	740,142
Metro RDF	Milwaukee	WI			758,539		0	0
Kestrel Hawk	Racine	WI			458,901		310,053	310,053
City of Janesville - Rock Co. LF	Rock	WI			187,590		19,495	19,495
Mallard Ridge	Walworth	WI			198,839		23,886	23,886
Emerald Park	Waukesha	WI			746,152		550	550
Orchard Ridge RDF	Waukesha	WI			702,790		264	264
					=====		=====	=====
Subtotal					4,533,587		1,099,820	1,099,820
Less, Special Waste								0
Total MSW								1,099,820
Total Waste - All States								11,991,130
Total MSW - All States								11,178,776
Population (see Table E.3-5)								8,171,741
Waste Disposal (pcd) - Total Waste								8.0
Waste Disposal (pcd) - MSW Only								7.5

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

			1998					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	800	507,000	202,800	0	0	202,800
CID RDF #3	Cook	IL	985	194,718	95,899	7,283	3,587	92,312
CID RDF #4	Cook	IL	1,842	49,946	46,000	0	0	46,000
Community Landfill	Grundy	IL	600	248,125	74,438	0	0	74,438
Countryside RDF	Lake	IL	500	1,382,555	345,639	0	0	345,639
Dixon/GROP #2	Lee	IL	600	819,224	245,767	0	0	245,767
Environtech	Grundy	IL	600	433,093	129,928	0	0	129,928
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	606	2,098,965	635,986	60,628	18,370	617,616
Hillside	Cook	IL	600	842,646	252,794	0	0	252,794
Laraway RDF	Will	IL	1,980	221,879	219,660	27,125	26,854	192,806
Lee County Landfill	Lee	IL	600	123,342	37,003	0	0	37,003
Livingston Landfill	Livingston	IL	656	5,319,565	1,744,817	7,946	2,606	1,742,211
Mallard Lake Landfill	DuPage	IL	580	3,152,203	914,139	0	0	914,139
Orchard Hills Landfill	Ogle	IL	507	1,412,146	357,979	0	0	357,979
River Bend Prairie	Cook	IL	600	297,172	89,152	12,674	3,802	85,350
Settler's Hill RDF	Kane	IL	533	3,050,916	813,069	36	10	813,059
Streator Area Landfill	Livingston	IL	600	693,813	208,144	24,640	7,392	200,752
Wheatland Prairie RDF	Will	IL	560	1,008,693	282,434	0	0	282,434
Woodland RDF	Kane	IL	679	1,267,663	430,372	5,481	1,861	428,511
Zion Landfill	Lake	IL	682	964,685	328,958	40,142	13,688	315,270
			=====	=====	=====	=====	=====	=====
Subtotal			619	24,088,349	7,454,978	185,955	78,170	7,376,808
Less, Special Waste								590,145
Plus, Robbins WTE	Cook	IL	606	1,524,468	461,960	0	0	461,960
Total MSW								7,248,623
			1998					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
County Line Landfill	Fulton	IN			605,666		327,314	327,314
Munster Landfill	Lake	IN			163,575		63,451	63,451
Feddeler C/D Landfill	Lake	IN			45,661		26,556	26,556
Gary Sanitary Landfill	Lake	IN			0		0	0
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			1,053,526		561,039	561,039
Newton County Landfill	Newton	IN			1,454,465		1,114,593	1,114,593
Liberty Landfill	White	IN			659,988		461,119	461,119
					=====		=====	=====
Subtotal					3,982,881		2,554,072	2,554,072
Less, Special Waste								164,995
Total MSW								2,389,077
			1998					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Forest Lawn Landfill	Berrien	MI		1,294,962	392,413	157,218	47,642	47,642
SE Berrien County	Berrien	MI		631,321	191,309	1,185	359	359
				=====	=====	=====	=====	=====
Subtotal				1,926,283	583,722	158,403	48,001	48,001
			1998					
<u>Landfill</u>	<u>County</u>	<u>State</u>	<u>Density</u> <u>(lbs/c.y.)</u>	<u>Throughput</u> <u>(c.y.)</u>	<u>Throughput</u> <u>(tons)</u>	<u>IL-Imports</u> <u>(c.y.)</u>	<u>IL-Imports</u> <u>(tons)</u>	<u>Illinois</u> <u>(tons)</u>
Madison Prairie	Dane	WI			210,357		1,442	1,442
Glacier Ridge	Dodge	WI			416,878		3,782	3,782
Superior Valley Meadows	Jefferson	WI			136,373		1,862	1,862
Pheasant Run RDF	Kenosha	WI			845,808		705,800	705,800
Metro RDF	Milwaukee	WI			863,160		1	1
Kestrel Hawk	Racine	WI			359,385		112,561	112,561
City of Janesville - Rock Co. LF	Rock	WI			164,679		20,359	20,359
Mallard Ridge	Wauworth	WI			336,596		110,600	110,600
Emerald Park	Waukesha	WI			914,942		162,422	162,422
Orchard Ridge RDF	Waukesha	WI			507,783		242	242
					=====		=====	=====
Subtotal					4,755,961		1,119,071	1,119,071
Less, Special Waste								1,442
Total MSW								1,117,629
Total Waste - All States								11,559,912
Total MSW - All States								10,803,330
Population (see Table E.3-5)								8,087,453
Waste Disposal (pcd) - Total Waste								7.8
Waste Disposal (pcd) - MSW Only								7.3

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

1997								
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	Imports (c.y.)	Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	0	0	0	0	0	0
CDT Landfill	Will	IL	800	625,000	250,000	0	0	250,000
CID RDF #3	Cook	IL	985	449,492	221,375	10,542	5,192	216,183
CID RDF #4	Cook	IL	1,842	405	373	0	0	373
Community Landfill	Grundy	IL	600	150,753	45,226	0	0	45,226
Countryside RDF	Lake	IL	500	1,189,121	297,280	0	0	297,280
Dixon/GROP #2	Lee	IL	600	993,033	297,910	0	0	297,910
Environtech	Grundy	IL	663	485,470	160,933	0	0	160,933
Greene Valley	DuPage	IL	0	0	0	0	0	0
Harbor View	Cook	IL	600	707,047	212,114	50,540	15,162	196,952
Hillside	Cook	IL	600	341,138	102,341	0	0	102,341
Laraway RDF	Will	IL	2,000	137,700	137,700	28,264	28,264	109,436
Lee County Landfill	Lee	IL	0	0	0	0	0	0
Livingston Landfill	Livingston	IL	656	5,447,732	1,786,856	13,520	4,435	1,782,421
Mallard Lake Landfill	DuPage	IL	643	3,174,600	1,020,634	0	0	1,020,634
Orchard Hills Landfill	Ogle	IL	0	0	0	0	0	0
River Bend Prairie	Cook	IL	600	292,224	87,667	5,100	1,530	86,137
Settler's Hill RDF	Kane	IL	567	3,387,618	960,390	0	0	960,390
Streator Area Landfill	Livingston	IL	600	572,457	171,737	664	199	171,538
Wheatland Prairie RDF	Will	IL	598	755,232	225,814	0	0	225,814
Woodland RDF	Kane	IL	683	1,240,288	423,558	46,795	15,980	407,578
Zion Landfill	Lake	IL	700	23,163	8,107	0	0	8,107
Subtotal			642	19,972,473	6,410,015	155,425	70,762	6,339,253
Less, Special Waste								507,140
Plus, Robbins WTE	Cook	IL	606	1,333,555	404,067	0	0	404,067
Total MSW								6,236,180
1997								
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			551,200		317,124	317,124
Munster Landfill	Lake	IN			0		0	0
Feddeler C/D Landfill	Lake	IN			64,915		37,506	37,506
Gary Sanitary Landfill	Lake	IN			8,425		0	0
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			1,006,120		589,533	589,533
Newton County Landfill	Newton	IN			1,108,051		849,324	849,324
Liberty Landfill	White	IN			774,450		585,740	585,740
Subtotal					3,513,161		2,379,227	2,379,227
Less, Special Waste								177,673
Total MSW								2,201,554
1997								
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		1,384,960	419,685	298,828	90,554	90,554
SE Berrien County	Berrien	MI		653,744	198,104	384	116	116
Subtotal				2,038,704	617,789	299,212	90,670	90,670
1997								
Landfill	County	State	Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			113,006		3,932	3,932
Glacier Ridge	Dodge	WI			315,832		0	0
Superior Valley Meadows	Jefferson	WI			135,690		2,744	2,744
Pheasant Run RDF	Kenosha	WI			837,621		722,188	722,188
Metro RDF	Milwaukee	WI			463,463		0	0
Kestrel Hawk	Racine	WI			149,900		36,509	36,509
City of Janesville - Rock Co. LF	Rock	WI			133,435		19,461	19,461
Mallard Ridge	Wauworth	WI			314,224		100,580	100,580
Emerald Park	Waukesha	WI			693,385		2,559	2,559
Orchard Ridge RDF	Waukesha	WI			421,651		135	135
Subtotal					3,578,207		888,108	888,108
Less, Special Waste								3,932
Total MSW								884,176
Total Waste - All States								10,101,325
Total MSW - All States								9,412,580
Population (see Table E.3-5)								8,003,170
Waste Disposal (pcd) - Total Waste								6.9
Waste Disposal (pcd) - MSW Only								6.4

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-3 - CALCULATION OF DISPOSAL RATES (CHICAGO METROPOLITAN AREA)**

Landfill	County	State	1996					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Beecher Development	Will	IL	400	539,395	107,879	7,819	1,564	106,315
CDT Landfill	Will	IL	800	764,000	305,600	0	0	305,600
CID RDF #3	Cook	IL	770	549,000	211,365	6,397	2,463	208,902
CID RDF #4	Cook	IL	2,525	0	0	0	0	0
Community Landfill	Grundy	IL	600	297,988	89,396	0	0	89,396
Countryside RDF	Lake	IL	500	1,328,669	332,167	0	0	332,167
Dixon/GROP #2	Lee	IL	600	897,793	269,338	0	0	269,338
Envirotech	Grundy	IL	749	506,463	189,670	0	0	189,670
Greene Valley	DuPage	IL	606	6,586,306	1,995,651	0	0	1,995,651
Harbor View	Cook	IL	600	724,274	217,282	55,906	16,772	200,510
Hillside	Cook	IL	600	1,682,700	504,810	0	0	504,810
Laraway RDF	Will	IL	2,000	133,861	133,861	67,317	67,317	66,544
Lee County Landfill	Lee	IL	0	0	0	0	0	0
Livingston Landfill	Livingston	IL	715	2,855,962	1,021,006	3,830	1,369	1,019,637
Mallard Lake Landfill	DuPage	IL	641	4,520,040	1,448,673	0	0	1,448,673
Orchard Hills Landfill	Ogle	IL	0	0	0	0	0	0
River Bend Prairie	Cook	IL	600	279,114	83,734	258	77	83,657
Settler's Hill RDF	Kane	IL	572	2,473,276	707,357	16	5	707,352
Streator Area Landfill	Livingston	IL	600	479,017	143,705	757	227	143,478
Wheatland Prairie RDF	Will	IL	900	326,898	147,104	0	0	147,104
Woodland RDF	Kane	IL	892	1,447,866	645,748	6,406	2,857	642,891
Zion Landfill	Lake	IL	700	231,379	80,983	28,159	9,856	71,127
Subtotal			649	26,624,001	8,635,329	176,865	102,507	8,532,822
Less, Special Waste								682,626
Plus, Robbins WTE	Cook	IL	0	0	0	0	0	0
Total MSW								7,850,196

Landfill	County	State	1996					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
County Line Landfill	Fulton	IN			587,779		383,391	383,391
Munster Landfill	Lake	IN			36,281		0	0
Feddeler C/D Landfill	Lake	IN			100,918		70,519	70,519
Gary Sanitary Landfill	Lake	IN			212,673		144,271	144,271
Lake County C/D Site	Lake	IN			0		0	0
Deercroft RDF	LaPorte	IN			680,833		278,594	278,594
Newton County Landfill	Newton	IN			543,918		370,701	370,701
Liberty Landfill	White	IN			605,409		388,592	388,592
Subtotal					2,767,811		1,636,068	1,636,068
Less, Special Waste								81,902
Total MSW								1,554,166

Landfill	County	State	1996					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Forest Lawn Landfill	Berrien	MI		1,604,199	486,121	556,958	168,775	168,775
SE Berrien County	Berrien	MI		488,448	148,015	21,545	6,529	6,529
Subtotal				2,092,647	634,136	578,503	175,304	175,304

Landfill	County	State	1996					
			Density (lbs/c.y.)	Throughput (c.y.)	Throughput (tons)	IL-Imports (c.y.)	IL-Imports (tons)	Illinois (tons)
Madison Prairie	Dane	WI			0		0	0
Glacier Ridge	Dodge	WI			314,405		0	0
Superior Valley Meadows	Jefferson	WI			151,104		2,614	2,614
Pheasant Run RDF	Kenosha	WI			451,324		346,315	346,315
Metro RDF	Milwaukee	WI			446,033		0	0
Kestrel Hawk	Racine	WI			167,299		1,000	1,000
City of Janesville - Rock Co. LF	Rock	WI			130,677		16,758	16,758
Mallard Ridge	Wauworth	WI			294,280		98,390	98,390
Emerald Park	Waukesha	WI			571,524		0	0
Orchard Ridge RDF	Waukesha	WI			442,724		252	252
Subtotal					2,969,370		465,329	465,329
Less, Special Waste								0
Total MSW								465,329
Total Waste - All States								10,809,523
Total MSW - All States								10,044,995

Population (see Table E.3-5)								7,918,882
Waste Disposal (pcd) - Total Waste								7.5
Waste Disposal (pcd) - MSW Only								7.0

Notes:

1. MSW = Municipal Solid Waste; PCD = pounds per capita per day.
2. Density of waste assumed for Michigan landfills: 3.3 cubic yards = 1 ton.
3. Disposal rate based on 365 days per year.
4. Population includes Chicago metro-area counties and rural Illinois host counties receiving metro-area waste.

**EFFINGHAM CROSSROADS LANDFILL**

**TABLE E.3-4 - SPECIAL WASTE LANDFILLED IN ILLINOIS LANDFILLS UTILIZED BY THE CHICAGO METROPOLITAN AREA**

Facility	2018 (tons)	2017 (tons)	2016 (tons)	2015 (tons)	2014 (tons)	2013 (tons)	2012 (tons)	2011 (tons)	2010 (tons)	2009 (tons)
CDT Landfill	0	0	0	0	0	0	0	0	0	0
CID RDF	0	0	0	0	0	0	0	0	0	3,917
Community Landfill	0	0	0	0	0	0	0	0	0	0
Countryside RDF	289	0	0	206	71	0	0	1,084	10,796	4,363
DeKalb	0	0	0	0	0	-	-	-	-	-
Envrontech	0	0	0	0	0	0	0	0	0	0
Laraway RDF	2,463,323	2,532,084	2,277,254	2,063,174	2,872,430	2,693,505	2,009,728	1,024,384	131,207	191,327
Lee County Landfill	22,621	56,163	32,409	76,107	73,383	93,499	64,260	90,010	41,526	65,346
Livingston Landfill	0	0	0	0	0	0	0	0	0	0
Orchard Hills Landfill	64,475	71,227	72,898	107,224	76,429	40,343	64,925	92,438	22,963	14,518
Prairie Hill RDF	36,766	37,372	32,920	10,596	0	0	0	0	0	0
Prairie View RDF	652	1,430	1,837	1,642	7,700	1,402	1,628	2,147	1,588	1,588
River Bend Prairie	0	0	0	0	744	16,277	40,110	36,254	56,686	86,537
Rochelle Municipal Landfill	38,609	34,336	55,954	50,984	57,298	17,155	10,623	9	20	22,597
Settler's Hill RDF	0	0	0	0	0	0	0	0	0	0
Streator Area Landfill	0	0	0	0	0	0	0	0	0	0
Winnebago Landfill	444,656	126,407	134,464	308,800	57,499	3,837	26,310	7,381	33,438	10,968
Woodland RDF	0	0	0	0	0	0	0	0	0	0
Zion Landfill	131,697	175,443	176,042	113,706	66,027	26,278	21,185	32,133	105,240	11,924
Total, Special Waste	3,203,088	3,034,462	2,783,778	2,732,439	3,211,581	2,892,296	2,238,769	1,285,840	403,464	413,084
Total Waste Landfilled, Tons	11,621,375	11,410,518	10,927,705	11,032,505	11,303,709	10,987,937	9,547,381	8,921,607	8,263,125	7,688,783
% Special Waste by Weight	27.6%	26.6%	25.5%	24.8%	28.4%	26.3%	23.4%	14.4%	4.9%	5.4%

Facility	2008 (cubic yards)	2007 (cubic yards)	2006 (cubic yards)	2005 (cubic yards)	2004 (cubic yards)
CDT Landfill	0	0	0	0	0
CID RDF	0	28,793	7,550	81,442	379,848
Community Landfill	0	0	0	0	0
Countryside RDF	14,146	28,448	22,290	23,966	30,546
Envrontech	102,551	109,156	268,004	336,136	213,744
Laraway RDF	62,835	48,434	0	0	1,564
Lee County Landfill	17,485	18,551	9,384	24,578	9,170
Livingston Landfill	9,621	7,832	14,572	15,025	23,548
Orchard Hills Landfill	12,344	15,983	108,665	215,261	36,362
Prairie Hill RDF	0	0	0	-	-
Prairie View RDF	893	138,801	338,105	24,647	9,275
River Bend Prairie	110,249	210,339	144,739	141,080	136,970
Rochelle Municipal Landfill	15,978	12,663	10,074	-	-
Settler's Hill RDF	0	0	99,395	91,266	115,980
Streator Area Landfill	0	0	0	530	18,511
Winnebago Landfill	14,613	7,737	8,512	-	-
Woodland RDF	0	0	0	0	0
Zion Landfill	32,235	72,225	84,025	153,053	111,973
Total, Special Waste	392,950 cubic yards	698,962 cubic yards	1,115,315 cubic yards	1,106,984 cubic yards	1,087,491 cubic yards
Density	1,600 lbs/cubic yard	1,600 lbs/cubic yard	1,600 lbs/cubic yard	1,600 lbs/cubic yard	1,600 lbs/cubic yard
Total, Special Waste	314,360 tons	559,170 tons	892,252 tons	885,587 tons	869,993 tons
Total Waste Landfilled	27,356,959 cubic yards	31,527,793 cubic yards	32,226,238 cubic yards	27,217,789 cubic yards	28,333,796 cubic yards
% Special Waste by Volume	1.4%	2.2%	3.5%	4.1%	3.8%
Total Waste Landfilled, Tons	8,004,307 tons	9,349,099 tons	9,780,646 tons	8,546,395 tons	8,978,659 tons
% Special Waste by Weight	3.9%	6.0%	9.1%	10.4%	9.7%

Facility	2003 (cubic yards)	2002 (cubic yards)	2001 (cubic yards)	2000 (cubic yards)
CDT Landfill	0	0	0	83,046
CID RDF	311,408	585,601	166,573	178,807
Community Landfill	0	0	70,036	26,400
Countryside RDF	67,705	21,534	9,266	40,198
Envrontech	254,027	135,822	134,320	163,513
Laraway RDF	8,751	5,158	13,200	138,960
Lee County Landfill	9,881	17,000	20,564	4,032
Livingston Landfill	83,020	49,608	43,151	58,817
Orchard Hills Landfill	567	12,424	8,965	1,141
Prairie View RDF	0	0	0	0
River Bend Prairie	72,099	108,642	134,328	58,610
Settler's Hill RDF	157,864	150,964	47,524	49,366
Streator Area Landfill	37,498	5,866	11,368	88,853
Woodland RDF	0	5,796	69,895	35,158
Zion Landfill	77,564	77,552	174,941	28,160
Total, Special Waste	1,080,384 cubic yards	1,175,966 cubic yards	904,131 cubic yards	955,062 cubic yards
Density	1,600 lbs/cubic yard	1,600 lbs/cubic yard	1,600 lbs/cubic yard	1,600 lbs/cubic yard
Total, Special Waste	864,307 tons	940,773 tons	723,305 tons	764,049 tons
Total Waste Landfilled	32,208,212 cubic yards	31,257,546 cubic yards	30,380,879 cubic yards	28,213,360 cubic yards
% Special Waste by Volume	3.4%	3.8%	3.0%	3.4%
Total Waste Landfilled, Tons	9,514,061 tons	9,733,333 tons	9,302,936 tons	8,887,258 tons
% Special Waste by Weight	9.1%	9.7%	7.8%	8.6%
				2000-2008 Average 3.2%
				2000-2008 Average 8.3%

**Notes:**

- Average density of special waste:
 

CID #3	985 lbs/cubic yard
CID #4	1,842 lbs/cubic yard
Laraway RDF	1,980 lbs/cubic yard
Average	1,600 lbs/cubic yard
- Average density used to calculate tons of special waste for years 2000-2008 (special waste data was reported to IEPA in cubic yards for those years); special waste data for years 2009-2014 was reported to IEPA in tons.
- 2000-2008 Average Special Waste Quantities (8 % by weight) used to estimate special waste quantities for Illinois landfills in Table E.3-3 for years 1996-1999.
- Prairie Hill RDF, Rochelle Municipal Landfill and Winnebago Landfill added to list of metro-area disposal sites in 2006.  
DeKalb County Landfill added to list of metro-area disposal sites in 2014.



**EFFINGHAM CROSSROADS LANDFILL**

**TABLE E.3-5 - POPULATION DATA FOR CHICAGO METROPOLITAN AREA AND RURAL ILLINOIS LANDFILL HOST COUNTIES**

County	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Cook	5,105,067	5,132,234	5,159,402	5,186,569	5,213,737	5,240,904	5,268,071	5,295,239	5,322,406	5,349,574	5,376,741
DuPage	781,666	793,916	806,165	818,415	830,664	842,914	855,163	867,413	879,662	891,912	904,161
Kane	317,471	326,136	334,801	343,465	352,130	360,795	369,460	378,125	386,789	395,454	404,119
Lake	516,418	529,212	542,006	554,799	567,593	580,387	593,181	605,975	618,768	631,562	644,356
McHenry	183,241	190,925	198,608	206,292	213,975	221,659	229,343	237,026	244,710	252,393	260,077
Will	357,313	371,808	386,304	400,799	415,294	429,790	444,285	458,780	473,275	487,771	502,266
Subtotal	7,261,176	7,344,231	7,427,286	7,510,339	7,593,393	7,676,449	7,759,503	7,842,558	7,925,610	8,008,666	8,091,720
Grundy	32,337	32,857	33,377	33,896	34,416	34,936	35,456	35,976	36,495	37,015	37,535
Lee	34,392	34,559	34,726	34,893	35,060	35,227	35,394	35,561	35,728	35,895	36,062
Livingston	39,301	39,339	39,376	39,414	39,452	39,490	39,527	39,565	39,603	39,640	39,678
Ogle	45,957	46,465	46,972	47,480	47,987	48,495	49,002	49,510	50,017	50,525	51,032
Subtotal	151,987	153,220	154,451	155,683	156,915	158,148	159,379	160,612	161,843	163,075	164,307
Whiteside	60,186	60,233	60,279	60,326	60,373	60,420	60,466	60,513	60,560	60,606	60,653
Winnebago	252,913	255,464	258,014	260,565	263,115	265,666	268,216	270,767	273,317	275,868	278,418
Subtotal	313,099	315,697	318,293	320,891	323,488	326,086	328,682	331,280	333,877	336,474	339,071
DeKalb	77,932	79,036	80,139	81,243	82,347	83,451	84,554	85,658	86,762	87,865	88,969
Total (see notes)	7,413,163	7,497,451	7,581,737	7,666,022	7,750,308	7,834,597	7,918,882	8,003,170	8,087,453	8,171,741	8,256,027

County	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
Cook	5,376,741	5,358,534	5,340,328	5,322,121	5,303,915	5,285,708	5,267,501	5,249,295	5,231,088	5,212,882	5,194,675
DuPage	904,161	905,437	906,714	907,990	909,266	910,543	911,819	913,095	914,371	915,648	916,924
Kane	404,119	415,234	426,349	437,464	448,579	459,694	470,809	481,924	493,039	504,154	515,269
Lake	644,356	650,267	656,177	662,088	667,998	673,909	679,820	685,730	691,641	697,551	703,462
McHenry	260,077	264,945	269,814	274,682	279,550	284,419	289,287	294,155	299,023	303,892	308,760
Will	502,266	519,795	537,325	554,854	572,384	589,913	607,442	624,972	642,501	660,031	677,560
Subtotal	8,091,720	8,114,212	8,136,707	8,159,199	8,181,692	8,204,186	8,226,678	8,249,171	8,271,663	8,294,158	8,316,650
Grundy	37,535	38,788	40,041	41,293	42,546	43,799	45,052	46,305	47,557	48,810	50,063
Lee	36,062	36,059	36,056	36,053	36,050	36,047	36,043	36,040	36,037	36,034	36,031
Livingston	39,678	39,605	39,532	39,460	39,387	39,314	39,241	39,168	39,096	39,023	38,950
Ogle	51,032	51,279	51,525	51,772	52,018	52,265	52,511	52,758	53,004	53,251	53,497
Subtotal	164,307	165,731	167,154	168,578	170,001	171,425	172,847	174,271	175,694	177,118	178,541
Whiteside	60,653	60,438	60,222	60,007	59,791	59,576	59,360	59,145	58,929	58,714	58,498
Winnebago	278,418	280,103	281,788	283,472	285,157	286,842	288,527	290,212	291,896	293,581	295,266
Subtotal	339,071	340,541	342,010	343,479	344,948	346,418	347,887	349,357	350,825	352,295	353,764
DeKalb	88,969	90,588	92,207	93,826	95,445	97,065	98,684	100,303	101,922	103,541	105,160
Total (see notes)	8,256,027	8,279,943	8,303,861	8,327,777	8,351,693	8,375,611	8,399,527	8,423,443	8,447,359	8,471,275	8,495,191

County	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Cook	5,194,675	5,219,977	5,240,505	5,254,885	5,257,481	5,247,662	5,228,455	5,204,502	5,180,493		
DuPage	916,924	924,852	928,823	932,519	933,820	933,965	931,680	930,662	928,589		
Kane	515,269	519,211	520,885	522,935	526,028	529,330	531,463	533,156	534,216		
Lake	703,462	701,647	702,213	704,462	704,618	704,995	704,644	703,006	700,832		
McHenry	308,760	308,433	308,180	307,587	307,414	307,650	307,296	308,013	308,570		
Will	677,560	680,799	682,535	683,873	685,369	686,142	688,648	691,017	692,310		
Subtotal	8,316,650	8,354,919	8,383,141	8,406,261	8,414,730	8,409,744	8,392,186	8,370,356	8,345,010		
Grundy	50,063	50,095	50,159	50,187	50,290	50,363	50,306	50,613	50,972		
Lee	36,031	35,597	35,207	35,116	34,904	34,515	34,482	34,511	34,223		
Livingston	38,950	38,803	38,510	37,396	37,040	36,603	36,100	36,115	35,761		
Ogle	53,497	53,070	52,786	52,279	51,949	51,573	51,162	51,032	50,923		
Subtotal	178,541	177,565	176,662	174,978	174,183	173,054	172,050	172,271	171,879		
Whiteside	58,498	58,272	57,760	57,462	57,019	56,914	56,472	55,947	55,626		
Winnebago	295,266	293,634	292,112	290,994	288,775	287,222	286,054	284,740	284,081		
Subtotal	353,764	351,906	349,872	348,456	345,794	344,136	342,526	340,687	339,707		
DeKalb	105,160	104,438	104,360	104,207	104,570	104,154	103,984	104,151	104,143		
Total (see notes)	8,848,955	8,884,390	8,909,675	8,929,695	9,039,277	9,031,088	9,010,746	8,987,465	8,960,739		

Source:

- Years 1990, 2000 and 2010 = U.S. Census Bureau. All other interim years within this period interpolated.
- Years 2010-2018 = U.S. Census Bureau estimates.

Notes:

- Total population includes population from Chicago metro-area counties and rural Illinois host counties.
- Winnebago County and Whiteside County population included in Total population beginning in 2006.
- DeKalb County population included in Total population beginning in 2014.



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

**Results**

Based on the analysis performed in Steps 1-4, the estimated total waste disposal rate for the Chicago metropolitan area has ranged from 6.5 pounds per capita per day in 2009 to 8.7 pounds per capita per day in 2018 (refer to Table E.3-6). The estimated municipal solid waste disposal rate for the Chicago metropolitan area has ranged from 5.8 pounds per capita per day in 2012 to 7.9 pounds per capita per day in 2004 and 2006.

TABLE E.3-6 - SUMMARY, METRO-AREA DISPOSAL RATES		
Year	MSW (pounds/capita/day)	Total (pounds/capita/day)
1996	7.0	7.5
1997	6.4	6.9
1998	7.3	7.8
1999	7.5	8.0
2000	7.6	8.1
2001	7.8	8.3
2002	7.5	8.2
2003	7.1	7.7
2004	7.9	8.5
2005	7.8	8.4
2006	7.9	8.5
2007	7.5	8.0
2008	6.9	7.2
2009	6.2	6.5
2010	6.3	6.6
2011	6.1	6.8
2012	5.8	7.0
2013	6.3	8.0
2014	6.3	8.3
2015	6.5	8.2
2016	6.3	7.9
2017	6.5	8.3
2018	6.6	8.7



**Client:** Effingham Crossroads Landfill, LLC

**Project:** Effingham Crossroads Landfill

**Project #:** 631236514

**Calculated By:** PPK **Date:** 04/2020

**Checked by:** MNF **Date:** 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

Disposal quantities follow economic trends. Over the period 1996-2006, for instance, disposal rates generally increased as the economy grew. Periodic cyclical downturns also occurred during this time. For example, disposal rates decreased slightly during 2002 and 2003 due in part to the economic downturn experienced in 2001 and 2002. During such down periods, disposal is likely to decrease for several reasons, including: 1) manufacturing decreases because manufacturers rely more heavily on inventoried stock; 2) consumers extend the life of durable goods and delay home improvement projects; 3) reliance on disposable goods decreases. During 2003 the economy began a period of recovery, which was reflected in the increase in the disposal rate within the metropolitan area. Disposal rates declined again in 2007-2009 as the result of the great recession, which was more severe than in 2001-2002, and continued to decline as the prolonged economic downturn continued. Disposal rates resumed growth in 2013 as the economy began to improve.



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

**II. Waste Disposed by State of Illinois**

A similar analysis was performed to estimate the amounts of waste disposed by the State of Illinois. For comparison purposes, waste quantities were also estimated for the States of Indiana, Michigan and Wisconsin. The following steps were utilized to perform the second analysis.

Step 1. Quantify the amount of waste disposed in all landfills in Illinois (as well as the landfills in the other states).

Step 2. Adjust the quantity in Step 1 for the import and export of waste between the states.

Step 3. Adjust the quantity in Step 2 for special waste. As was noted before, Indiana, Michigan and Wisconsin track special waste separately from municipal solid waste. To quantify the amount of special waste disposed in Illinois landfills, the previously-cited IEPA database of special waste manifests was searched for the years 2000 - 2009. During those years, special waste on average accounted for about 4 percent by volume and 10 percent by weight of the waste landfilled in Illinois<sup>1</sup>. These averages were used to estimate special waste for the years 1996 – 1999, which preceded the database search. Beginning in 2009, landfills began separately reporting municipal waste and special waste on their annual IEPA landfill capacity certification form; thus, beginning in 2009, special waste quantities were obtained from the landfill capacity certification forms instead of the special waste manifest database.

Step 4. Divide the estimated amount of waste disposed by each state (derived in Steps 1-3) by the population of each state to calculate the per capita disposal rate.

The data and calculations for each step are summarized in Tables E.3-7, E.3-8 and E.3-9.

---

<sup>1</sup> In the early 1990s, IEPA published an annual report on special waste. The last such report was *Illinois - 1994 Nonhazardous Special Waste Annual Report*, published in June 1996. That report indicated that during the period 1979 to 1994, the amount of special waste landfilled in Illinois (including material disposed at on-site landfills) ranged from 1,551,000 cubic yards (1982) to 3,575,000 cubic yards (1993), consistent with the data for 2000-2009 (refer to Table E.3-8).

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (IL/IN/MI/WI)**  
**YEAR 2018**

Illinois Data	MSW Only		All Waste		Notes:
	2018 (cu yds)	2018 (tons)	2018 (cu yds)	2018 (tons)	
Disposed in Illinois					
Landfilled		13,558,787	47,813,291	17,738,992	IEPA Capacity Certification Forms, 1/1/2019. Reflects 4,180,205 tons of special waste. (Average incoming density in 2018 as reported by landfills was 742 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,481,336		2,763,133	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Solid Waste Imports and Exports (2017 data; 2018 data not available). WDNR Annual Spreadsheet. Includes LFs.
Michigan	18,717	5,672	19,097	5,787	
Ohio		65		65	
Wisconsin		102,681		102,681	
Minus, Imports		1,309,335	5,685,270	1,722,809	IEPA 2018 Quarterly State of Origin Reports. Reflects est. special waste of 24% by weight.
Total Disposed		14,839,206		18,887,849	
Population		12,741,080		12,741,080	
Disposal Rate (pcd)		6.4		8.1	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2018 (cu yds)	2018 (tons)	2018 (cu yds)	2018 (tons)	
Disposed in Indiana					
Landfilled		9,484,314		12,195,244	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		457,553		704,875	
Plus, Exports					
Illinois	183,046	55,468	183,046	55,468	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Solid Waste Imports and Exports (2017 data; 2018 data not available). WDNR Annual Spreadsheet. Includes LFs.
Michigan	517,757	156,896	558,613	169,277	
Ohio		110,653		110,653	
Wisconsin		0		0	
Minus, Imports		2,893,414		3,385,875	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
Total Disposed		7,371,470		9,849,643	
Population		6,691,878		6,691,878	
Disposal Rate (pcd)		6.0		8.1	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2018 (cu yds)	2018 (tons)	2018 (cu yds)	2018 (tons)	
Disposed in Michigan					
Landfilled	40,475,147	12,265,196	52,445,215	15,892,489	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0	0	0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Solid Waste Imports and Exports (2017 data; 2018 data not available). WDNR Annual Spreadsheet. Includes LFs.
Indiana		2,875		29,783	
Ohio		15,269		15,269	
Wisconsin		12,569		12,569	
Minus, Imports	10,933,199	3,313,091	12,512,887	3,791,784	MDEQ Annual Report, Table 3.
Total Disposed		9,953,954		13,312,593	
Population		9,995,915		9,995,915	
Disposal Rate (pcd)		5.5		7.3	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2018 (cu yds)	2018 (tons)	2018 (cu yds)	2018 (tons)	
Landfilled in Wisconsin		4,862,146		8,773,085	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	186,393	56,483	186,393	56,483	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Solid Waste Imports and Exports (2017 data; 2018 data not available).
Indiana		150		5,366	
Michigan	201,030	60,918	223,935	67,859	
Ohio		0		0	
Minus, Imports		363,247		363,348	WDNR Annual Spreadsheet. Includes LFs.
Total Disposed		4,616,348		8,539,444	
Population		5,813,568		5,813,568	
Disposal Rate (pcd)		4.4		8.1	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2017**

Illinois Data	MSW Only		All Waste		Notes:
	2017 (cu yds)	2017 (tons)	2017 (cu yds)	2017 (tons)	
Disposed in Illinois					
Landfilled		13,601,340	50,344,231	18,278,297	IEPA Capacity Certification Forms, 1/1/2017. Reflects 4,676,957 tons of special waste. (Average incoming density in 2017 as reported by landfills was 726 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,483,000		2,626,163	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	30,184	9,147	30,762	9,322	
Ohio		65		65	
Wisconsin		89,798		89,798	
Minus, Imports		1,454,020	6,484,145	1,964,892	IEPA 2017 Quarterly State of Origin Reports. Reflects est. special waste of 26% by weight.
Total Disposed		14,729,330		19,038,753	
Population		12,786,196		12,786,196	
Disposal Rate (pcd)		6.3		8.2	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2017 (cu yds)	2017 (tons)	2017 (cu yds)	2017 (tons)	
Disposed in Indiana					
Landfilled		9,343,074		11,804,716	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		398,195		639,615	
Plus, Exports					
Illinois	411,871	124,809	411,871	124,809	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	535,868	162,384	598,361	181,322	
Ohio		110,653		110,653	
Wisconsin		0		0	
Minus, Imports		2,878,048		3,218,514	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
Total Disposed		7,261,068		9,642,601	
Population		6,660,082		6,660,082	
Disposal Rate (pcd)		6.0		7.9	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2017 (cu yds)	2017 (tons)	2017 (cu yds)	2017 (tons)	
Disposed in Michigan					
Landfilled	39,120,072	11,854,567	50,604,692	15,334,755	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0	0	0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		1,469		30,270	
Ohio		15,269		15,269	
Wisconsin		7,258		7,258	
Minus, Imports	11,650,865	3,530,565	12,880,767	3,903,263	MDEQ Annual Report, Table 3.
Total Disposed		9,319,134		12,638,556	
Population		9,976,447		9,976,447	
Disposal Rate (pcd)		5.1		6.9	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2017 (cu yds)	2017 (tons)	2017 (cu yds)	2017 (tons)	
Landfilled in Wisconsin		4,752,541		8,456,336	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	138,934	42,101	138,934	42,101	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		67		16,188	
Michigan	168,292	50,998	218,740	66,285	
Ohio		0		0	
Minus, Imports		384,802		384,802	WDNR Annual Spreadsheet. Includes LFs.
Total Disposed		4,460,905		8,196,108	
Population		5,792,051		5,792,051	
Disposal Rate (pcd)		4.2		7.8	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW, Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover, Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2016**

Illinois Data	MSW Only		All Waste		Notes:
	2016 (cu yds)	2016 (tons)	2016 (cu yds)	2016 (tons)	
Disposed in Illinois					
Landfilled		13,047,407	46,750,820	16,782,667	IEPA Capacity Certification Forms, 1/1/2017. Reflects 3,735,260 tons of special waste. (Average incoming density in 2016 as reported by landfills was 718 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,504,420		2,637,245	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	125,338	37,981	127,052	38,501	
Ohio		9		9	
Wisconsin		63,473		63,473	
Minus, Imports		1,405,551	5,946,560	1,801,988	IEPA 2016 Quarterly State of Origin Reports. Reflects est. special waste of 22% by weight.
Total Disposed		14,247,739		17,719,907	
Population		12,826,895		12,826,895	
Disposal Rate (pcd)		6.1		7.6	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2016 (cu yds)	2016 (tons)	2016 (cu yds)	2016 (tons)	
Disposed in Indiana					
Landfilled		8,873,558		11,077,449	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		421,102		715,114	
Plus, Exports					
Illinois	633,077	191,842	633,077	191,842	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	859,641	260,497	972,260	294,624	
Ohio		99,644		99,644	
Wisconsin		0		0	
Minus, Imports		2,896,317		3,239,902	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
Total Disposed		6,950,326		9,138,770	
Population		6,633,344		6,633,344	
Disposal Rate (pcd)		5.7		7.6	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2016 (cu yds)	2016 (tons)	2016 (cu yds)	2016 (tons)	
Disposed in Michigan					
Landfilled	38,186,057	11,571,532	49,089,268	14,875,536	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0	0	0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		3,081		23,708	
Ohio		13,665		13,665	
Wisconsin		6,117		6,117	
Minus, Imports	10,356,953	3,138,471	11,574,751	3,507,500	MDEQ Annual Report, Table 3.
Total Disposed		9,427,060		12,565,793	
Population		9,951,890		9,951,890	
Disposal Rate (pcd)		5.2		6.9	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2016 (cu yds)	2016 (tons)	2016 (cu yds)	2016 (tons)	
Landfilled in Wisconsin		4,582,763		8,578,905	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	122,382	37,085	122,382	37,085	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		15,147	
Michigan	176,056	53,350	205,554	62,289	
Ohio		0		0	
Minus, Imports		354,410		354,511	WDNR Annual Spreadsheet. Includes LFs.
Total Disposed		4,318,687		8,338,915	
Population		5,772,958		5,772,958	
Disposal Rate (pcd)		4.1		7.9	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (IL/IN/MI/WI)**  
**YEAR 2015**

Illinois Data	MSW Only		All Waste		Notes:
	2015 (cu yds)	2015 (tons)	2015 (cu yds)	2015 (tons)	
Disposed in Illinois					
Landfilled		13,475,748	44,732,870	17,068,053	IEPA Capacity Certification Forms, 1/1/2016. Reflects 3,592,305 tons of special waste. (Average incoming density in 2015 as reported by landfills was 763 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,371,995		2,580,350	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	114,432	34,676	115,102	34,879	
Ohio		0		0	
Wisconsin		65,295		65,295	
Minus, Imports		1,320,496	5,515,996	1,671,514	IEPA 2015 Quarterly State of Origin Reports. Reflects est. special waste of 21% by weight.
		=====		=====	
Total Disposed		14,627,218		18,077,063	
Population		12,864,342		12,864,342	
Disposal Rate (pcd)		6.2		7.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2015 (cu yds)	2015 (tons)	2015 (cu yds)	2015 (tons)	
Disposed in Indiana					
Landfilled		8,556,653		14,856,493	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		443,344		762,564	
Plus, Exports					
Illinois	343,131	103,979	343,131	103,979	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	869,182	263,388	967,482	293,176	
Ohio		106,493		106,493	
Wisconsin		0		0	
Minus, Imports		2,747,924		3,174,114	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,725,934		12,948,591	
Population		6,608,296		6,608,296	
Disposal Rate (pcd)		5.6		10.7	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2015 (cu yds)	2015 (tons)	2015 (cu yds)	2015 (tons)	
Disposed in Michigan					
Landfilled	36,654,000	11,107,273	47,417,841	14,369,043	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0		0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		2,887		23,700	
Ohio		14,959		14,959	
Wisconsin		6,290		6,290	
Minus, Imports	9,560,884	2,897,238	10,763,841	3,261,770	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		9,205,307		12,306,489	
Population		9,932,573		9,932,573	
Disposal Rate (pcd)		5.1		6.8	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2015 (cu yds)	2015 (tons)	2015 (cu yds)	2015 (tons)	
Landfilled in Wisconsin		4,472,430		8,219,963	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	197,835	59,950	197,835	59,950	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		18,668	
Michigan	147,793	44,786	280,168	84,899	
Ohio		0		0	
Minus, Imports		328,018		328,414	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,248,752		8,055,066	
Population		5,761,406		5,761,406	
Disposal Rate (pcd)		4.0		7.7	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris, MRF Residuals and C&D MRF Residuals fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2014**

Illinois Data	MSW Only		All Waste		Notes:
	2014 (cu yds)	2014 (tons)	2014 (cu yds)	2014 (tons)	
Disposed in Illinois					
Landfilled		12,865,234	42,928,833	17,127,787	IEPA Capacity Certification Forms, 1/1/2015. Reflects 4,262,553 tons of special waste. (Average incoming density in 2014 as reported by landfills was 798 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,403,576		2,506,398	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	248,780	75,388	250,241	75,831	
Ohio		6		6	
Wisconsin		76,128		76,128	
Minus, Imports		1,242,965	5,469,045	1,657,286	IEPA 2014 Quarterly State of Origin Reports. Reflects est. special waste of 25% by weight.
		=====		=====	
Total Disposed		14,177,367		18,128,864	
Population		12,888,962		12,888,962	
Disposal Rate (pcd)		6.0		7.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2014 (cu yds)	2014 (tons)	2014 (cu yds)	2014 (tons)	
Disposed in Indiana					
Landfilled		8,365,645		15,526,652	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		490,118		772,940	
Plus, Exports					
Illinois	314,599	95,333	314,599	95,333	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	711,433	215,586	784,326	237,675	
Ohio		105,604		105,604	
Wisconsin		12		12	
Minus, Imports		2,593,062		2,911,605	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,679,237		13,826,612	
Population		6,593,533		6,593,533	
Disposal Rate (pcd)		5.6		11.5	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2014 (cu yds)	2014 (tons)	2014 (cu yds)	2014 (tons)	
Disposed in Michigan					
Landfilled	36,394,323	11,028,583	47,043,458	14,255,593	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0		0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		3,045		21,244	
Ohio		14,332		14,332	
Wisconsin		10,178		10,178	
Minus, Imports	9,322,447	2,824,984	10,649,135	3,227,011	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		9,202,291		12,228,604	
Population		9,930,589		9,930,589	
Disposal Rate (pcd)		5.1		6.8	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2014 (cu yds)	2014 (tons)	2014 (cu yds)	2014 (tons)	
Landfilled in Wisconsin		4,363,953		8,165,068	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	135,962	41,201	135,962	41,201	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		14,069	
Michigan	155,630	47,161	329,709	99,912	
Ohio		0		0	
Minus, Imports		346,356		347,253	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,105,062		7,972,997	
Population		5,751,974		5,751,974	
Disposal Rate (pcd)		3.9		7.6	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW. MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW). MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW, Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover, Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris. Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste and Disaster Debris fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2013**

Illinois Data	MSW Only		All Waste		Notes:
	2013 (cu yds)	2013 (tons)	2013 (cu yds)	2013 (tons)	
Disposed in Illinois					
Landfilled		13,109,735	43,449,240	16,833,718	IEPA Capacity Certification Forms, 1/1/2014. Reflects 3,723,983 tons of special waste. (Average incoming density in 2013 as reported by landfills was 775 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,293,298		2,383,282	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	51,870	15,718	63,562	19,261	
Ohio		31		31	
Wisconsin		102,583		102,583	
Minus, Imports		1,334,905	5,647,675	1,711,417	IEPA 2013 Quarterly State of Origin Reports. Reflects est. special waste of 22% by weight.
		=====		=====	
Total Disposed		14,186,460		17,627,458	
Population		12,898,269		12,898,269	
Disposal Rate (pcd)		6.0		7.5	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2013 (cu yds)	2013 (tons)	2013 (cu yds)	2013 (tons)	
Disposed in Indiana					
Landfilled		8,022,480		15,339,495	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		540,202		814,255	
Plus, Exports					
Illinois	687,732	208,404	687,732	208,404	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	633,160	191,867	718,454	217,713	
Ohio		103,031		103,031	
Wisconsin		0		0	
Minus, Imports		2,539,647		2,864,255	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,526,338		13,818,643	
Population		6,568,367		6,568,367	
Disposal Rate (pcd)		5.4		11.5	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2013 (cu yds)	2013 (tons)	2013 (cu yds)	2013 (tons)	
Disposed in Michigan					
Landfilled	34,447,978	10,438,781	44,914,993	13,610,604	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0		0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		9,071		16,798	
Ohio		16,954		16,954	
Wisconsin		6,561		6,561	
Minus, Imports	8,514,162	2,580,049	10,467,015	3,171,823	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		8,862,454		11,633,361	
Population		9,913,349		9,913,349	
Disposal Rate (pcd)		4.9		6.4	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2013 (cu yds)	2013 (tons)	2013 (cu yds)	2013 (tons)	
Landfilled in Wisconsin		4,231,133		7,824,053	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	149,470	45,294	149,470	45,294	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		12,992	
Michigan	162,591	49,270	592,570	179,567	
Ohio		0		0	
Minus, Imports		375,262		375,265	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		3,950,432		7,686,640	
Population		5,736,952		5,736,952	
Disposal Rate (pcd)		3.8		7.3	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste and Disaster Debris fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2012**

Illinois Data	MSW Only		All Waste		Notes:
	2012 (cu yds)	2012 (tons)	2012 (cu yds)	2012 (tons)	
Disposed in Illinois					
Landfilled		12,595,479	39,841,802	15,399,124	IEPA Capacity Certification Forms, 1/1/2013. Reflects 2,803,645 tons of special waste. (Average incoming density in 2012 as reported by landfills was 773 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,196,655		2,304,439	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	37,100	11,242	38,420	11,642	
Ohio		558		558	
Wisconsin		116,625		116,625	
Minus, Imports		1,353,813	5,448,273	1,650,992	IEPA 2012 Quarterly State of Origin Reports. Reflects est. special waste of 18% by weight.
		=====		=====	
Total Disposed		13,566,746		16,181,396	
Population		12,884,119		12,884,119	
Disposal Rate (pcd)		5.8		6.9	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2012 (cu yds)	2012 (tons)	2012 (cu yds)	2012 (tons)	
Disposed in Indiana					
Landfilled		7,719,779		13,201,936	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		586,053		790,966	
Plus, Exports					
Illinois	796,292	241,301	796,292	241,301	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	764,220	231,582	865,368	262,233	
Ohio		120,338		120,338	
Wisconsin		0		0	
Minus, Imports		2,480,806		2,779,636	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,418,247		11,837,138	
Population		6,537,640		6,537,640	
Disposal Rate (pcd)		5.4		9.9	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2012 (cu yds)	2012 (tons)	2012 (cu yds)	2012 (tons)	
Disposed in Michigan					
Landfilled	33,471,633	10,142,919	44,308,076	13,426,690	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0		0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		1,291		5,606	
Ohio		13,834		13,834	
Wisconsin		8,168		8,168	
Minus, Imports	7,744,024	2,346,674	9,677,657	2,932,623	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		8,790,674		11,675,942	
Population		9,896,930		9,896,930	
Disposal Rate (pcd)		4.9		6.5	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2012 (cu yds)	2012 (tons)	2012 (cu yds)	2012 (tons)	
Landfilled in Wisconsin		4,164,140		8,342,017	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	130,434	39,525	130,434	39,525	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		13,391	
Michigan	190,044	57,589	290,206	87,941	
Ohio		0		0	
Minus, Imports		385,724		385,735	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		3,875,519		8,097,139	
Population		5,719,855		5,719,855	
Disposal Rate (pcd)		3.7		7.8	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW. MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW). MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW, Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover, Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris. Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste and Disaster Debris fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2011**

Illinois Data	MSW Only		All Waste		Notes:
	2011 (cu yds)	2011 (tons)	2011 (cu yds)	2011 (tons)	
Disposed in Illinois					
Landfilled		12,960,640	46,183,051	14,958,023	IEPA Capacity Certification Forms, 1/1/2012. Reflects 1,997,838 tons of special waste. (Average incoming density in 2011 as reported by landfills was 648 lbs/cu yd).
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,295,372		2,472,205	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	30,511	9,246	30,511	9,246	
Ohio		173		173	
Wisconsin		122,033		122,033	
Minus, Imports		1,603,613	6,082,669	1,843,233	IEPA 2011 Quarterly State of Origin Reports. Reflects est. special waste of 13% by weight.
		=====		=====	
Total Disposed		13,783,851		15,718,447	
Population		12,867,291		12,867,291	
Disposal Rate (pcd)		5.9		6.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2011 (cu yds)	2011 (tons)	2011 (cu yds)	2011 (tons)	
Disposed in Indiana					
Landfilled		7,934,454		14,075,631	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		623,588		740,675	
Plus, Exports					
Illinois	1,040,992	315,452	1,040,992	315,452	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	493,823	149,643	873,448	264,681	
Ohio		153,821		153,821	
Wisconsin		0		0	
Minus, Imports		2,593,062		2,911,598	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,583,896		12,638,662	
Population		6,516,045		6,516,045	
Disposal Rate (pcd)		5.5		10.6	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2011 (cu yds)	2011 (tons)	2011 (cu yds)	2011 (tons)	
Disposed in Michigan					
Landfilled	34,132,718	10,343,248	45,728,001	13,856,970	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois		0		0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		6,422		9,104	
Ohio		10,623		10,623	
Wisconsin		1,865		1,865	
Minus, Imports	7,988,887	2,420,875	9,870,103	2,990,940	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		8,912,419		12,041,889	
Population		9,881,521		9,881,521	
Disposal Rate (pcd)		4.9		6.7	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2011 (cu yds)	2011 (tons)	2011 (cu yds)	2011 (tons)	
Landfilled in Wisconsin		4,454,251		8,043,899	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	236,242	71,588	236,242	71,588	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		10,882	
Michigan	201,350	61,015	288,309	87,366	
Ohio		0		0	
Minus, Imports		425,955		425,958	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,160,896		7,787,777	
Population		5,704,755		5,704,755	
Disposal Rate (pcd)		4.0		7.5	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste, Disaster Debris.  
Municipal Waste, Construction/Demolition Waste, Not-For-Profit Waste and Disaster Debris fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (IL/IN/MI/WI)**  
**YEAR 2010**

Illinois Data	MSW Only		All Waste		Notes:
	2010 (cu yds)	2010 (tons)	2010 (cu yds)	2010 (tons)	
Disposed in Illinois					
Landfilled		12,968,875	46,142,945	14,193,520	IEPA Capacity Certification Forms, 1/1/2011. Reflects 1,224,645 tons of special waste.
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,301,455		2,465,195	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	48,447	14,681	48,448	14,681	
Ohio		19		19	
Wisconsin		183,738		183,738	
Minus, Imports		1,400,272	5,077,910	1,538,761	IEPA 2010 Quarterly State of Origin Reports. Reflects est. special waste of 9 % by weight.
		=====		=====	
Total Disposed		14,068,496		15,318,392	
Population		12,830,632		12,830,632	
Disposal Rate (pcd)		6.0		6.5	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2010 (cu yds)	2010 (tons)	2010 (cu yds)	2010 (tons)	
Disposed in Indiana					
Landfilled		7,937,687		12,823,559	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		612,749		702,598	
Plus, Exports					
Illinois	137,694	41,725	137,694	41,725	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	398,480	120,752	673,564	204,110	
Ohio		192,337		192,337	
Wisconsin		0		0	
Minus, Imports		2,641,411		2,846,403	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,263,839		11,117,926	
Population		6,483,802		6,483,802	
Disposal Rate (pcd)		5.3		9.4	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2010 (cu yds)	2010 (tons)	2010 (cu yds)	2010 (tons)	
Disposed in Michigan					
Landfilled	35,265,165	10,686,414	46,124,156	13,977,017	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data (2009 data)
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		1,925		6,171	
Ohio		16,674		16,674	
Wisconsin		4,940		4,940	
Minus, Imports	9,824,045	2,976,983	11,320,070	3,430,324	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		8,704,106		11,728,745	
Population		9,883,640		9,883,640	
Disposal Rate (pcd)		4.8		6.5	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2010 (cu yds)	2010 (tons)	2010 (cu yds)	2010 (tons)	
Landfilled in Wisconsin		4,575,545		8,269,944	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	181,305	54,941	181,305	54,941	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		3,828	
Michigan	212,694	64,453	270,029	81,827	
Ohio		0		0	
Minus, Imports		526,379		526,438	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,168,501		7,884,102	
Population		5,686,986		5,686,986	
Disposal Rate (pcd)		4.0		7.6	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste.  
Municipal Waste, Construction/Demolition Waste and Not-For-Profit Waste fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2009**

Illinois Data	MSW Only		All Waste		Notes:
	2009 (cu yds)	2009 (tons)	2009 (cu yds)	2009 (tons)	
Disposed in Illinois					
Landfilled		12,713,654	45,885,723	13,811,607	IEPA Capacity Certification Forms, 1/1/2010. Reflects 1,097,953 tons of special waste.
Incinerated		0	0	0	
Plus, Exports					
Indiana		2,204,928		2,334,575	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	277,782	84,176	409,456	124,078	
Ohio		7,473		7,473	
Wisconsin		672,550		672,550	
Minus, Imports		1,495,941	5,365,877	1,626,023	IEPA 2009 Quarterly State of Origin Reports. Reflects est. special waste of 8 % by weight.
		=====		=====	
Total Disposed		14,186,840		15,324,260	
Population		12,789,498		12,789,498	
Disposal Rate (pcd)		6.1		6.6	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2009 (cu yds)	2009 (tons)	2009 (cu yds)	2009 (tons)	
Disposed in Indiana					
Landfilled		8,003,927		13,053,970	IDEM Quarterly Waste Origin Database. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		635,699		703,606	
Plus, Exports					
Illinois	124,715	37,792	124,715	37,792	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	645,838	195,708	897,328	271,918	
Ohio		184,668		184,668	
Wisconsin		0		0	
Minus, Imports		2,508,179		2,750,458	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,549,615		11,501,496	
Population		6,443,470		6,443,470	
Disposal Rate (pcd)		5.6		9.8	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2009 (cu yds)	2009 (tons)	2009 (cu yds)	2009 (tons)	
Disposed in Michigan					
Landfilled	36,193,624	10,967,765	47,837,680	14,496,267	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data.
Incinerated		971,136		1,154,267	
Plus, Exports					
Illinois	7	2	7	2	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		4,102		8,979	
Ohio		20,930		20,930	
Wisconsin		50,504		50,504	
Minus, Imports	11,081,022	3,357,885	13,086,354	3,965,562	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		8,656,554		11,765,387	
Population		9,889,120		9,889,120	
Disposal Rate (pcd)		4.8		6.5	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2009 (cu yds)	2009 (tons)	2009 (cu yds)	2009 (tons)	
Landfilled in Wisconsin		5,224,652		8,733,702	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	152,886	46,329	152,886	46,329	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		304		6,154	
Michigan	222,383	67,389	264,053	80,016	
Ohio		0		0	
Minus, Imports		1,193,690		1,196,170	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,142,504		7,670,031	
Population		5,654,655		5,654,655	
Disposal Rate (pcd)		4.0		7.4	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Municipal and Commercial Waste (MCW), Construction & Demolition Waste (C&D), and Industrial Waste (IW).  
MCW and C&D generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover, Construction/Demolition Waste, Not-For-Profit Waste.  
Municipal Waste, Construction/Demolition Waste and Not-For-Profit Waste fall under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2008**

Illinois Data	MSW Only		All Waste		Notes:
	2008 (cu yds)	2008 (tons)	2008 (cu yds)	2008 (tons)	
Disposed in Illinois					
Landfilled	48,895,409	14,266,103	50,003,500	15,152,576	IEPA Annual Report. Reflects 1,108,091 c.y. (886,743 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		2,345,538		2,464,489	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	390,396	118,302	859,072	260,325	
Ohio		2,494		2,498	
Wisconsin		1,097,115		1,097,131	
Minus, Imports	6,122,682	1,779,629	6,247,635	1,893,223	IEPA Annual Report. Reflects est. special waste of 2% by volume and 6% by weight.
		=====		=====	
Total Disposed		16,049,923		17,083,796	
Population		12,748,364		12,748,364	
Disposal Rate (pcd)		6.9		7.3	

Indiana Data	MSW Only		All Waste		Notes:
	2008 (cu yds)	2008 (tons)	2008 (cu yds)	2008 (tons)	
Disposed in Indiana					
Landfilled		8,717,409		14,680,986	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Quarterly Waste Origin Database. Incinerators only.
Incinerated		587,811		656,560	
Plus, Exports					
Illinois	133,327	40,402	133,327	40,402	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,082,113	327,913	1,405,435	425,889	
Ohio		102,023		212,117	
Wisconsin		16		16	
Minus, Imports		2,687,544		2,889,976	IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,088,031		13,125,994	
Population		6,403,139		6,403,139	
Disposal Rate (pcd)		6.1		11.2	

Michigan Data	MSW Only		All Waste		Notes:
	2008 (cu yds)	2008 (tons)	2008 (cu yds)	2008 (tons)	
Disposed in Michigan					
Landfilled	41,803,789	12,667,815	57,119,896	17,309,059	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data.
Incinerated		1,081,032		1,257,420	
Plus, Exports					
Illinois	7,259	2,200	7,259	2,200	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		72,213		76,238	
Ohio		14,954		16,444	
Wisconsin		28,336		28,336	
Minus, Imports	13,721,014	4,157,883	17,206,260	5,214,018	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		9,708,667		13,475,679	
Population		9,894,601		9,894,601	
Disposal Rate (pcd)		5.4		7.5	

Wisconsin Data	MSW Only		All Waste		Notes:
	2008 (cu yds)	2008 (tons)	2008 (cu yds)	2008 (tons)	
Landfilled in Wisconsin		6,217,142		10,180,794	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	127,605	38,668	127,605	38,668	IEPA Quarterly Waste Origin Reports. IDEM Quarterly Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		404		3,894	
Michigan	304,772	92,355	353,036	106,981	
Ohio		0		0	
Minus, Imports		1,720,711		1,721,897	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,626,672		8,608,440	
Population		5,622,324		5,622,324	
Disposal Rate (pcd)		4.5		8.4	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2007**

Illinois Data	MSW Only		All Waste		Notes:
	2007 (cu yds)	2007 (tons)	2007 (cu yds)	2007 (tons)	
Disposed in Illinois					
Landfilled	52,261,662	15,080,788	53,783,042	16,297,892	IEPA Annual Report. Reflects 1,521,380 c.y. (1,217,104 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		2,093,319		2,250,835	IDEM Annual Report, Table 17 & Qtr Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	567,539	171,982	817,665	247,777	
Ohio		0		32	
Wisconsin		1,261,654		1,261,654	
Minus, Imports	6,814,459	1,958,545	7,025,215	2,128,853	IEPA Annual Report. Reflects est. special waste of 3% by volume and 8% by weight.
		=====		=====	
Total Disposed		16,649,198		17,929,337	
Population		12,707,230		12,707,230	
Disposal Rate (pcd)		7.2		7.7	
<b>Indiana Data</b>					
	MSW Only		All Waste		
	2007 (cu yds)	2007 (tons)	2007 (cu yds)	2007 (tons)	
Disposed in Indiana					
Landfilled		8,742,944		14,519,425	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		556,132		612,097	
Plus, Exports					
Illinois	254,155	77,017	254,155	77,017	IEPA Quarterly Waste Origin Reports. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,436,334	435,253	1,810,564	548,656	
Ohio		109,863		228,659	
Wisconsin		1		1	
Minus, Imports		2,449,229		2,720,427	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,471,980		13,265,428	
Population		6,362,807		6,362,807	
Disposal Rate (pcd)		6.4		11.4	
<b>Michigan Data</b>					
	MSW Only		All Waste		
	2007 (cu yds)	2007 (tons)	2007 (cu yds)	2007 (tons)	
Disposed in Michigan					
Landfilled	43,767,246	13,262,802	58,204,510	17,637,730	MDEQ Annual Report, Table 3. Includes LFs. MDEQ Data.
Incinerated		965,601		989,158	
Plus, Exports					
Illinois	1,328	402	1,328	402	IEPA Quarterly Waste Origin Reports. IDEM Annual Report, Table 17 & Qtr Waste Origin Database. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		84,489		88,717	
Ohio		21,661		24,398	
Wisconsin		3,546		3,546	
Minus, Imports	14,252,199	4,318,848	17,154,838	5,198,436	MDEQ Annual Report, Table 3.
		=====		=====	
Total Disposed		10,019,653		13,545,515	
Population		9,900,081		9,900,081	
Disposal Rate (pcd)		5.6		7.5	
<b>Wisconsin Data</b>					
	MSW Only		All Waste		
	2007 (cu yds)	2007 (tons)	2007 (cu yds)	2007 (tons)	
Landfilled in Wisconsin		6,516,037		10,896,255	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	127,680	38,691	127,680	38,691	IEPA Quarterly Waste Origin Reports. IDEM Annual Report, Table 17 & Qtr Waste Origin Database. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		650		4,298	
Michigan	393,042	119,104	435,091	131,846	
Ohio		0		0	
Minus, Imports		1,912,174		1,915,103	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,759,379		9,155,987	
Population		5,589,993		5,589,993	
Disposal Rate (pcd)		4.7		9.0	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2006**

Illinois Data	MSW Only		All Waste		Notes:
	2006 (cu yds)	2006 (tons)	2006 (cu yds)	2006 (tons)	
Disposed in Illinois					
Landfilled	52,836,156	14,967,565	54,935,662	16,647,170	IEPA Annual Report. Reflects 2,099,506 c.y. (1,679,605 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		2,228,978		2,361,847	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,588,424	481,341	1,588,424	481,341	
Ohio		0		12	
Wisconsin		1,224,077		1,224,077	
Minus, Imports	6,854,338	1,947,255	7,139,935	2,163,617	IEPA Annual Report. Reflects est. special waste of 4% by volume and 10% by weight.
		=====		=====	
Total Disposed		16,954,706		18,550,830	
Population		12,666,096		12,666,096	
Disposal Rate (pcd)		7.3		8.0	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2006 (cu yds)	2006 (tons)	2006 (cu yds)	2006 (tons)	
Disposed in Indiana					
Landfilled		9,138,449		14,542,880	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		600,183		644,655	
Plus, Exports					
Illinois	662,044	200,619	662,044	200,619	IEPA Quarterly Waste Origin Database. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	2,196,646	665,650	2,196,909	665,730	
Ohio		125,075		251,006	
Wisconsin		0		0	
Minus, Imports		2,521,688		2,770,714	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		8,208,288		13,534,177	
Population		6,322,475		6,322,475	
Disposal Rate (pcd)		7.1		11.7	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2006 (cu yds)	2006 (tons)	2006 (cu yds)	2006 (tons)	
Disposed in Michigan					
Landfilled	44,923,089	13,613,057	61,887,555	18,753,805	MDEQ Annual Report, Table 3. Includes LFs. MDEQ data.
Incinerated		1,159,814		1,208,017	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		97,308		101,028	
Ohio		33,544		37,674	
Wisconsin		2,142		2,142	
Minus, Imports	16,433,441	4,979,831	19,035,532	5,768,343	MDEQ Annual Report, Table 4.
		=====		=====	
Total Disposed		9,926,034		14,334,323	
Population		9,905,562		9,905,562	
Disposal Rate (pcd)		5.5		7.9	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2006 (cu yds)	2006 (tons)	2006 (cu yds)	2006 (tons)	
Landfilled in Wisconsin		6,565,763		11,258,230	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	152,418	46,187	152,418	46,187	IEPA Quarterly Waste Origin Database. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		512		2,768	
Michigan	357,244	108,256	426,875	129,356	
Ohio		0		49	
Minus, Imports		1,910,007		1,914,098	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Disposed		4,810,711		9,522,492	
Population		5,557,662		5,557,662	
Disposal Rate (pcd)		4.7		9.4	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2005**

Illinois Data	MSW Only		All Waste		Notes:
	2005 (cu yds)	2005 (tons)	2005 (cu yds)	2005 (tons)	
Disposed in Illinois					
Landfilled	49,541,749	13,644,232	52,295,275	15,847,053	IEPA Annual Report. Reflects 2,753,526 c.y. (2,202,821 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		2,632,160		2,733,598	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Michigan	1,249,614	378,671	1,249,614	378,671	MDEQ Annual Report, Table 4. Includes LFs.
Ohio		0		11	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		1,412,151		1,412,153	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports	6,630,207	1,818,812	6,979,165	2,114,898	IEPA Annual Report. Reflects est. special waste of 5% by volume and 14% by weight.
		=====		=====	
Total Disposed		16,248,402		18,256,588	
Population		12,624,963		12,624,963	
Disposal Rate (pcd)		7.1		7.9	
<b>Indiana Data</b>					
Disposed in Indiana					
Landfilled		9,315,942		15,087,433	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting.
Incinerated		622,348		666,550	IDEM Annual Report, Table 14.
Plus, Exports					
Illinois	204,119	61,854	204,119	61,854	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Michigan	2,193,810	664,791	2,193,915	664,823	MDEQ Annual Report, Table 4. Includes LFs.
Ohio		106,696		174,577	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		0		0	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports		2,918,895		3,127,479	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,852,736		13,527,758	
Population		6,282,144		6,282,144	
Disposal Rate (pcd)		6.8		11.8	
<b>Michigan Data</b>					
Disposed in Michigan					
Landfilled	49,882,921	15,116,037	63,792,120	19,330,945	MDEQ Annual Report, Table 3. Includes LFs.
Incinerated		877,190		877,190	MDEQ data.
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Indiana		78,587		84,368	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Ohio		49,105		56,465	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		1,676		1,676	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports	16,326,132	4,947,313	18,490,320	5,603,127	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		11,175,282		14,747,517	
Population		9,911,042		9,911,042	
Disposal Rate (pcd)		6.2		8.2	
<b>Wisconsin Data</b>					
Landfilled in Wisconsin		6,685,042		11,099,240	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	155,284	47,056	155,284	47,056	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Indiana		0		1,521	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Michigan	634,944	192,407	645,514	195,610	MDEQ Annual Report, Table 4. Includes LFs.
Ohio		0		8	OEPA Annual Summary Import/Export Data. Includes LFs.
Minus, Imports		2,143,094		2,143,133	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,781,411		9,200,302	
Population		5,525,331		5,525,331	
Disposal Rate (pcd)		4.7		9.1	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2004**

Illinois Data	MSW Only		All Waste		Notes:
	2004 (cu yds)	2004 (tons)	2004 (cu yds)	2004 (tons)	
Disposed in Illinois					
Landfilled	51,240,184	14,277,606	53,754,870	16,289,355	IEPA Annual Report. Reflects 2,514,686 c.y. (2,011,749 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		2,074,438		2,179,642	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,768,849	536,015	1,769,209	536,124	
Ohio		0		447	
Wisconsin		1,407,917		1,407,945	
Minus, Imports	6,878,314	1,930,754	7,240,330	2,194,039	IEPA Annual Report. Reflects est. special waste of 5% by volume and 12% by weight.
		=====		=====	
Total Disposed		16,365,222		18,219,474	
Population		12,583,829		12,583,829	
Disposal Rate (pcd)		7.1		7.9	
<b>Indiana Data</b>					
	MSW Only		All Waste		
	2004 (cu yds)	2004 (tons)	2004 (cu yds)	2004 (tons)	
Disposed in Indiana					
Landfilled		8,636,352		13,906,496	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		647,911		684,007	
Plus, Exports					
Illinois	203,180	61,570	203,180	61,570	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Table 4. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,963,208	594,912	1,965,948	595,742	
Ohio		89,542		152,113	
Wisconsin		0		0	
Minus, Imports		2,365,291		2,563,561	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,664,996		12,836,367	
Population		6,241,812		6,241,812	
Disposal Rate (pcd)		6.7		11.3	
<b>Michigan Data</b>					
	MSW Only		All Waste		
	2004 (cu yds)	2004 (tons)	2004 (cu yds)	2004 (tons)	
Disposed in Michigan					
Landfilled	50,316,545	15,247,438	64,287,255	19,480,986	MDEQ Annual Report, Table 3. Includes LFs. MDEQ data.
Incinerated		842,637		852,823	
Plus, Exports					
Illinois	55	17	55	17	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		72,539		84,547	
Ohio		47,926		63,075	
Wisconsin		9,081		9,081	
Minus, Imports	15,692,073	4,755,174	18,136,302	5,495,849	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		11,464,464		14,994,680	
Population		9,916,522		9,916,522	
Disposal Rate (pcd)		6.3		8.3	
<b>Wisconsin Data</b>					
	MSW Only		All Waste		
	2004 (cu yds)	2004 (tons)	2004 (cu yds)	2004 (tons)	
Landfilled in Wisconsin		6,734,457		11,098,114	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	191,493	58,028	191,493	58,028	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Table 4. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		1,380	
Michigan	406,901	123,303	467,057	141,532	
Ohio		0		0	
Minus, Imports		2,155,171		2,155,365	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,760,617		9,143,689	
Population		5,492,999		5,492,999	
Disposal Rate (pcd)		4.7		9.1	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2003**

Illinois Data	MSW Only		All Waste		Notes:
	2003 (cu yds)	2003 (tons)	2003 (cu yds)	2003 (tons)	
Disposed in Illinois					
Landfilled	54,741,438	15,441,132	57,049,793	17,287,816	IEPA Annual Report. Reflects 2,308,355 c.y. (1,846,684 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		776,275		831,010	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 6 & 7. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,846,199	559,454	1,846,199	559,454	
Ohio		0		447	
Wisconsin		898,569		898,734	
Minus, Imports	5,958,581	1,673,970	6,206,855	1,880,865	IEPA Annual Report. Reflects est. special waste of 4% by volume and 11% by weight.
		=====		=====	
Total Disposed		16,001,460		17,696,596	
Population		12,542,695		12,542,695	
Disposal Rate (pcd)		7.0		7.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2003 (cu yds)	2003 (tons)	2003 (cu yds)	2003 (tons)	
Disposed in Indiana					
Landfilled		7,273,562		12,336,489	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		697,634		722,338	
Plus, Exports					
Illinois	139,294	42,210	139,294	42,210	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 6 & 7. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,783,267	540,384	1,783,267	540,384	
Ohio		100,514		157,512	
Wisconsin		0		0	
Minus, Imports		1,002,077		1,134,878	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,652,227		12,664,055	
Population		6,201,480		6,201,480	
Disposal Rate (pcd)		6.8		11.2	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2003 (cu yds)	2003 (tons)	2003 (cu yds)	2003 (tons)	
Disposed in Michigan					
Landfilled	56,557,341	17,138,588	62,615,429	18,974,372	MDEQ Annual Report, Tables 1 & 3. Includes LFs. MDEQ data.
Incinerated		775,095		795,831	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		66,639		77,777	
Ohio		34,067		45,562	
Wisconsin		16,427		16,427	
Minus, Imports	14,860,620	4,503,218	15,499,468	4,696,808	MDEQ Annual Report, Table 5. Includes LFs.
		=====		=====	
Total Disposed		13,527,598		15,213,161	
Population		9,922,003		9,922,003	
Disposal Rate (pcd)		7.5		8.4	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2003 (cu yds)	2003 (tons)	2003 (cu yds)	2003 (tons)	
Landfilled in Wisconsin		5,987,193		9,939,092	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	165,069	50,021	165,069	50,021	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 6 & 7. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		0		682	
Michigan	541,094	163,968	551,569	167,142	
Ohio		0		0	
Minus, Imports		1,480,823		1,480,988	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,720,359		8,675,949	
Population		5,460,668		5,460,668	
Disposal Rate (pcd)		4.7		8.7	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2002**

Illinois Data	MSW Only		All Waste		Notes:
	2002 (cu yds)	2002 (tons)	2002 (cu yds)	2002 (tons)	
Disposed in Illinois					
Landfilled	52,276,296	14,661,610	54,650,066	16,560,626	IEPA Annual Report. Reflects 2,373,770 c.y. (1,899,016 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		1,311,260		1,376,041	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,697,247	514,317	1,697,441	514,376	
Ohio		1		4,844	
Wisconsin		919,277		923,922	
Minus, Imports	5,568,938	1,546,927	5,800,977	1,757,872	IEPA Annual Report. Reflects est. special waste of 4% by volume and 12% by weight.
		=====		=====	
Total Disposed		15,859,538		17,621,937	
Population		12,501,561		12,501,561	
Disposal Rate (pcd)		7.0		7.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2002 (cu yds)	2002 (tons)	2002 (cu yds)	2002 (tons)	
Disposed in Indiana					
Landfilled		7,472,237		12,686,771	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		646,621		688,212	
Plus, Exports					
Illinois	143,334	43,435	143,334	43,435	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,701,290	515,542	1,701,290	515,542	
Ohio		84,767		142,375	
Wisconsin		0		0	
Minus, Imports		1,445,435		1,557,930	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,317,167		12,518,405	
Population		6,161,148		6,161,148	
Disposal Rate (pcd)		6.5		11.1	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2002 (cu yds)	2002 (tons)	2002 (cu yds)	2002 (tons)	
Disposed in Michigan					
Landfilled	51,041,788	15,467,208	57,540,922	17,436,643	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		779,703		800,495	
Plus, Exports					
Illinois	2	1	2	1	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		71,714		78,596	
Ohio		37,741		60,380	
Wisconsin		51,587		51,587	
Minus, Imports	11,450,596	3,469,878	11,494,443	3,483,165	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		12,938,076		14,944,537	
Population		9,927,483		9,927,483	
Disposal Rate (pcd)		7.1		8.2	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2002 (cu yds)	2002 (tons)	2002 (cu yds)	2002 (tons)	
Landfilled in Wisconsin		5,889,087		10,119,418	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	199,039	60,315	199,039	60,315	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		54		472	
Michigan	423,374	128,295	437,981	132,722	
Ohio		0		50	
Minus, Imports		1,402,347		1,406,992	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,675,404		8,905,985	
Population		5,428,337		5,428,337	
Disposal Rate (pcd)		4.7		9.0	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2001**

Illinois Data	MSW Only		All Waste		Notes:
	2001 (cu yds)	2001 (tons)	2001 (cu yds)	2001 (tons)	
Disposed in Illinois					
Landfilled	50,746,374	14,431,782	52,649,722	15,954,461	IEPA Annual Report. Reflects 1,903,348 c.y. (1,522,679 tons) of special waste.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		1,490,443		1,595,205	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	2,572,316	779,490	2,572,326	779,493	
Ohio		17		54,677	
Wisconsin		1,080,282		1,082,985	
Minus, Imports	4,564,990	1,296,872	4,755,198	1,440,969	IEPA Annual Report. Reflects est. special waste of 4% by volume and 10% by weight.
		=====		=====	
Total Disposed		16,485,142		18,025,852	
Population		12,460,427		12,460,427	
Disposal Rate (pcd)		7.2		7.9	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2001 (cu yds)	2001 (tons)	2001 (cu yds)	2001 (tons)	
Disposed in Indiana					
Landfilled		7,743,865		13,019,918	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		636,072		666,346	
Plus, Exports					
Illinois	162,032	49,101	162,032	49,101	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,768,909	536,033	1,768,909	536,033	
Ohio		117,682		180,407	
Wisconsin		0		0	
Minus, Imports		1,599,115		1,739,778	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,483,638		12,712,027	
Population		6,120,817		6,120,817	
Disposal Rate (pcd)		6.7		11.4	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2001 (cu yds)	2001 (tons)	2001 (cu yds)	2001 (tons)	
Disposed in Michigan					
Landfilled	52,786,891	15,996,028	60,250,612	18,257,761	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		812,301		833,196	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		61,667		65,222	
Ohio		49,478		81,136	
Wisconsin		956		956	
Minus, Imports	11,790,113	3,572,762	11,872,507	3,597,729	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		13,347,668		15,640,542	
Population		9,932,964		9,932,964	
Disposal Rate (pcd)		7.4		8.6	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2001 (cu yds)	2001 (tons)	2001 (cu yds)	2001 (tons)	
Landfilled in Wisconsin		5,858,904		10,387,654	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	188,326	57,068	188,326	57,068	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		1,239		1,340	
Michigan	483,258	146,442	483,258	146,442	
Ohio		0		15	
Minus, Imports		1,542,728		1,545,431	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,520,925		9,047,088	
Population		5,396,006		5,396,006	
Disposal Rate (pcd)		4.6		9.2	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 2000**

Illinois Data	MSW Only		All Waste		Notes:
	2000 (cu yds)	2000 (tons)	2000 (cu yds)	2000 (tons)	
Disposed in Illinois					
Landfilled	46,941,372	13,056,378	49,292,180	14,937,024	IEPA Annual Report. Reflects 2,350,808 c.y. (1,880,646 tons) of special waste.
Incinerated	683,413	207,095	683,413	207,095	IEPA Annual Report.
Plus, Exports					
Indiana		1,441,761		1,515,891	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Michigan	2,112,419	640,127	2,112,428	640,130	MDEQ Annual Report, Tables 4 & 5. Includes LFs.
Ohio		0		1	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		1,112,113		1,126,833	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports	4,852,985	1,346,762	5,108,405	1,548,002	IEPA Annual Report. Reflects est. special waste of 5% by volume and 13% by weight.
		=====		=====	
Total Disposed		15,110,712		16,878,972	
Population		12,419,293		12,419,293	
Disposal Rate (pcd)		6.7		7.4	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	2000 (cu yds)	2000 (tons)	2000 (cu yds)	2000 (tons)	
Disposed in Indiana					
Landfilled		7,664,057		13,071,081	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting.
Incinerated		632,880		661,552	IDEM Annual Report, Table 14.
Plus, Exports					
Illinois	170,742	51,740	170,742	51,740	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Michigan	1,878,791	569,331	1,878,791	569,331	MDEQ Annual Report, Tables 4 & 5. Includes LFs.
Ohio		118,253		158,667	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		0		0	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports		1,530,728		1,611,901	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,505,533		12,900,470	
Population		6,080,485		6,080,485	
Disposal Rate (pcd)		6.8		11.6	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	2000 (cu yds)	2000 (tons)	2000 (cu yds)	2000 (tons)	
Disposed in Michigan					
Landfilled	50,385,066	15,268,202	56,152,311	17,015,852	MDEQ Annual Report, Table 1. Includes LFs.
Incinerated		689,713		711,243	MDEQ data.
Plus, Exports					
Illinois	710	215	710	215	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Indiana		40,188		40,256	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Ohio		38,145		45,845	OEPA Annual Summary Import/Export Data. Includes LFs.
Wisconsin		7,805		7,805	WDNR Annual Spreadsheet. Includes LFs.
Minus, Imports	9,348,355	2,832,835	9,373,115	2,840,338	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		13,211,433		14,980,878	
Population		9,938,444		9,938,444	
Disposal Rate (pcd)		7.3		8.3	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	2000 (cu yds)	2000 (tons)	2000 (cu yds)	2000 (tons)	
Landfilled in Wisconsin		5,623,852		9,936,153	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	188,650	57,167	188,650	57,167	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators.
Indiana		921		968	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators.
Michigan	504,652	152,925	504,652	152,925	MDEQ Annual Report, Tables 4 & 5. Includes LFs.
Ohio		0		23	OEPA Annual Summary Import/Export Data. Includes LFs.
Minus, Imports		1,438,783		1,453,503	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,396,082		8,693,733	
Population		5,363,675		5,363,675	
Disposal Rate (pcd)		4.5		8.9	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 1999**

Illinois Data	MSW Only		All Waste		Notes:
	1999 (cu yds)	1999 (tons)	1999 (cu yds)	1999 (tons)	
Disposed in Illinois					
Landfilled	48,529,454	13,786,777	50,551,515	15,318,641	IEPA Annual Report. Reflects est. special waste of 4 % by volume and 10 % by weight. IEPA Annual Report.
Incinerated	1,398,929	377,852	1,398,929	377,852	
Plus, Exports					
Indiana		1,645,396		1,779,180	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	558,117	169,126	558,167	169,142	
Ohio		0		60	
Wisconsin		1,107,136		1,107,136	
Minus, Imports	4,884,780	1,387,722	5,088,313	1,541,913	IEPA Annual Report. Reflects est. special waste of 4% by volume and 10% by weight.
		=====		=====	
Total Disposed		15,698,565		17,210,098	
Population		12,320,424		12,320,424	
Disposal Rate (pcd)		7.0		7.7	
<b>Indiana Data</b>					
Disposed in Indiana					
Landfilled		7,838,469		13,611,071	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		669,718		697,619	
Plus, Exports					
Illinois	210,568	63,808	210,568	63,808	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,827,413	553,762	1,827,413	553,762	
Ohio		78,603		131,142	
Wisconsin		0		8	
Minus, Imports		1,753,096		2,147,830	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,451,264		12,909,580	
Population		6,026,852		6,026,852	
Disposal Rate (pcd)		6.8		11.7	
<b>Michigan Data</b>					
Disposed in Michigan					
Landfilled	44,938,189	13,617,633	51,957,465	15,744,686	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		968,129		991,899	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		35,947		37,021	
Ohio		36,697		87,669	
Wisconsin		11,632		11,632	
Minus, Imports	6,331,735	1,918,708	6,349,695	1,924,150	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		12,751,330		14,948,757	
Population		9,874,129		9,874,129	
Disposal Rate (pcd)		7.1		8.3	
<b>Wisconsin Data</b>					
Landfilled in Wisconsin		5,413,566		10,163,642	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	182,129	55,191	182,129	55,191	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		1,118		1,274	
Michigan	619,824	187,825	619,824	187,825	
Ohio		0		535	
Minus, Imports		1,392,049		1,392,049	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,265,651		9,016,418	
Population		5,316,484		5,316,484	
Disposal Rate (pcd)		4.4		9.3	

Notes:

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.



**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 1998**

Illinois Data	MSW Only		All Waste		Notes:
	1998 (cu yds)	1998 (tons)	1998 (cu yds)	1998 (tons)	
Disposed in Illinois					
Landfilled	43,001,919	12,216,454	44,793,666	13,573,838	IEPA Annual Report. Reflects est. special waste of 4 % by volume and 10 % by weight. IEPA Annual Report.
Incinerated	1,498,205	461,960	1,498,205	461,960	
Plus, Exports					
Indiana		2,433,903		2,604,269	IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	158,414	48,004	158,417	48,005	
Ohio		0		161	
Wisconsin		1,117,628		1,119,070	
Minus, Imports	4,775,842	1,356,773	4,974,835	1,507,526	IEPA Annual Report. Reflects est. special waste of 4% by volume and 10% by weight.
		=====		=====	
Total Disposed		14,921,176		16,299,777	
Population		12,221,555		12,221,555	
Disposal Rate (pcd)		6.7		7.3	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	1998 (cu yds)	1998 (tons)	1998 (cu yds)	1998 (tons)	
Disposed in Indiana					
Landfilled		8,459,772		15,392,694	IDEM Annual Report, Table 6. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 14.
Incinerated		670,380		695,932	
Plus, Exports					
Illinois	255,967	77,566	255,967	77,566	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,265,613	383,519	1,265,613	383,519	
Ohio		78,504		142,872	
Wisconsin		0		0	
Minus, Imports		2,559,470		2,871,225	IDEM Annual Report, Table 18. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		7,110,271		13,821,358	
Population		5,973,220		5,973,220	
Disposal Rate (pcd)		6.5		12.7	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	1998 (cu yds)	1998 (tons)	1998 (cu yds)	1998 (tons)	
Disposed in Michigan					
Landfilled	41,747,904	12,650,880	46,741,233	14,164,010	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		981,515		1,020,374	
Plus, Exports					
Illinois	0	0	0	0	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		37,854		38,008	
Ohio		54,571		60,057	
Wisconsin		1,029		1,029	
Minus, Imports	5,704,054	1,728,501	5,735,187	1,737,935	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		11,997,348		13,545,543	
Population		9,809,815		9,809,815	
Disposal Rate (pcd)		6.7		7.6	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	1998 (cu yds)	1998 (tons)	1998 (cu yds)	1998 (tons)	
Landfilled in Wisconsin		5,050,790		10,473,208	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	98,341	29,800	98,341	29,800	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 17. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		807		1,171	
Michigan	631,774	191,447	631,774	191,447	
Ohio		0		395	
Minus, Imports		1,216,363		1,217,805	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		4,056,481		9,478,216	
Population		5,269,294		5,269,294	
Disposal Rate (pcd)		4.2		9.9	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 1997**

Illinois Data	MSW Only		All Waste		Notes:
	1997 (cu yds)	1997 (tons)	1997 (cu yds)	1997 (tons)	
Disposed in Illinois					
Landfilled	38,778,040	11,016,489	40,393,792	12,240,543	IEPA Annual Report. Reflects est. special waste of 4 % by volume and 10 % by weight. IEPA Annual Report.
Incinerated	1,333,555	404,067	1,333,555	404,067	
Plus, Exports					
Indiana		2,244,290		2,435,357	IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	299,373	90,719	299,403	90,728	
Ohio		0		319	
Wisconsin		884,157		888,089	
Minus, Imports	4,151,050	1,179,275	4,324,010	1,310,306	IEPA Annual Report. Reflects est. special waste of 4% by volume and 10% by weight.
Total Disposed		13,460,447		14,748,797	
Population		12,122,686		12,122,686	
Disposal Rate (pcd)		6.1		6.7	
<b>Indiana Data</b>					
Indiana Data	MSW Only		All Waste		Notes:
	1997 (cu yds)	1997 (tons)	1997 (cu yds)	1997 (tons)	
Disposed in Indiana					
Landfilled		7,927,373		13,821,044	IDEM Annual Report, Table 5. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 13.
Incinerated		681,147		709,330	
Plus, Exports					
Illinois	155,204	47,032	155,204	47,032	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	1,223,534	370,768	1,223,534	370,768	
Ohio		67,602		85,001	
Wisconsin		412		412	
Minus, Imports		2,366,762		2,695,974	IDEM Annual Report, Table 17. Includes LFs, TSs, and incinerators.
Total Disposed		6,727,572		12,337,613	
Population		5,919,587		5,919,587	
Disposal Rate (pcd)		6.2		11.4	
<b>Michigan Data</b>					
Michigan Data	MSW Only		All Waste		Notes:
	1997 (cu yds)	1997 (tons)	1997 (cu yds)	1997 (tons)	
Disposed in Michigan					
Landfilled	39,074,692	11,840,816	43,669,640	13,233,224	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		1,232,515		1,232,515	
Plus, Exports					
Illinois	4,011	1,215	4,011	1,215	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		26,181		26,402	
Ohio		46,083		46,083	
Wisconsin		7,108		7,108	
Minus, Imports	5,596,540	1,695,921	5,581,452	1,691,349	MDEQ Annual Report, Table 3. Includes LFs.
Total Disposed		11,457,997		12,855,198	
Population		9,745,500		9,745,500	
Disposal Rate (pcd)		6.4		7.2	
<b>Wisconsin Data</b>					
Wisconsin Data	MSW Only		All Waste		Notes:
	1997 (cu yds)	1997 (tons)	1997 (cu yds)	1997 (tons)	
Landfilled in Wisconsin		5,094,214		8,665,711	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	87,184	26,419	87,184	26,419	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		518		700	
Michigan	543,847	164,802	543,847	164,802	
Ohio		0		49	
Minus, Imports		1,164,417		1,168,355	WDNR Annual Spreadsheet. Includes LFs.
Total Landfilled		4,121,536		7,689,326	
Population		5,222,103		5,222,103	
Disposal Rate (pcd)		4.3		8.1	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL**  
**TABLE E.3-7 - CALCULATION OF DISPOSAL RATES (L/IN/MI/WI)**  
**YEAR 1996**

Illinois Data	MSW Only		All Waste		Notes:
	1996 (cu yds)	1996 (tons)	1996 (cu yds)	1996 (tons)	
Disposed in Illinois					
Landfilled	44,288,838	12,582,056	46,134,206	13,980,062	IEPA Annual Report. Reflects est. special waste of 4 % by volume and 10 % by weight. IEPA Annual Report.
Incinerated	0	0	0	0	
Plus, Exports					
Indiana		1,604,733		1,690,228	IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	578,503	175,304	578,503	175,304	
Ohio		20		877	
Wisconsin		465,329		465,329	
Minus, Imports	4,242,022	1,205,120	4,418,773	1,339,022	IEPA Annual Report. Reflects est. special waste of 4% by volume and 11% by weight.
		=====		=====	
Total Disposed		13,622,322		14,972,778	
Population		12,023,817		12,023,817	
Disposal Rate (pcd)		6.2		6.8	
<b>Indiana Data</b>					
Disposed in Indiana					
Landfilled		6,992,701		12,754,111	IDEM Annual Report, Table 5. LFs only. TSs excluded to avoid double counting. IDEM Annual Report, Table 13.
Incinerated		687,870		710,652	
Plus, Exports					
Illinois	176,883	53,601	176,883	53,601	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Michigan	982,328	297,675	982,328	297,675	
Ohio		80,476		80,476	
Wisconsin		8		8	
Minus, Imports		1,744,106		1,942,068	IDEM Annual Report, Table 17. Includes LFs, TSs, and incinerators.
		=====		=====	
Total Disposed		6,368,225		11,954,455	
Population		5,865,955		5,865,955	
Disposal Rate (pcd)		5.9		11.2	
<b>Michigan Data</b>					
Disposed in Michigan					
Landfilled	37,576,777	11,386,902	42,282,403	12,812,849	MDEQ Annual Report, Table 1. Includes LFs. MDEQ data.
Incinerated		1,998,025		1,998,025	
Plus, Exports					
Illinois	280	85	280	85	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. OEPA Annual Summary Import/Export Data. Includes LFs. WDNR Annual Spreadsheet. Includes LFs.
Indiana		15,014		15,236	
Ohio		47,560		47,560	
Wisconsin		9,949		9,949	
Minus, Imports	5,491,993	1,664,240	5,689,767	1,724,172	MDEQ Annual Report, Table 3. Includes LFs.
		=====		=====	
Total Disposed		11,793,295		13,159,532	
Population		9,681,185		9,681,185	
Disposal Rate (pcd)		6.7		7.4	
<b>Wisconsin Data</b>					
Landfilled in Wisconsin		4,344,421		7,932,520	WDNR Annual Spreadsheet. Includes LFs.
Plus, Exports					
Illinois	82,343	24,952	82,343	24,952	IEPA Quarterly Waste Origin Database. Includes LFs and incinerators. IDEM Annual Report, Facility Profiles and Table 16. Includes LFs, TSs, and incinerators. MDEQ Annual Report, Tables 4 & 5. Includes LFs. OEPA Annual Summary Import/Export Data. Includes LFs.
Indiana		211		220	
Michigan	327,616	99,278	500,475	151,659	
Ohio		0		0	
Minus, Imports		655,558		655,558	WDNR Annual Spreadsheet. Includes LFs.
		=====		=====	
Total Landfilled		3,813,304		7,453,793	
Population		5,174,913		5,174,913	
Disposal Rate (pcd)		4.0		7.9	

**Notes:**

- Indiana landfills report the following types of waste:  
MSW, Construction/Demolition, Foundry, Other Special, Coal Ash, FGD Waste, and Other Non-MSW.  
MSW and Construction/Demolition fall under the Illinois definition of municipal solid waste.
- Michigan landfills report the following types of waste:  
Type II, General Type III, Type III Mixed, and Type III Separated.  
Type II includes MSW and Incinerator Ash; Type III includes Construction/Demolition and Industrial.  
Type II generally falls under the Illinois definition of municipal solid waste.
- Wisconsin landfills report the following types of waste:  
Municipal Waste, Utility Ash, Pulp/Papermill, Foundry, POTW Sludge, All other SW,  
Fee Exempt Waste - Berms, Incinerator Ash, Industrial Waste - Daily Cover, Shredder Fluff - Daily Cover,  
Contaminated Soil - Daily Cover.  
Municipal Waste falls under the Illinois definition of municipal solid waste.
- MSW = Municipal Solid Waste. PCD = pounds per capita per day.
- "All Waste" includes special waste and municipal solid waste.
- Refer to Table E.3-8 for population estimates.

**EFFINGHAM CROSSROADS LANDFILL  
TABLE E.3-8 - SPECIAL WASTE LANDFILLED IN ILLINOIS**

	<u>2018</u>	<u>2017</u>	<u>2016</u>	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Total, Special Waste (cubic yards)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Density (lbs/cubic yard)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total, Special Waste (tons)	3,878,491	4,066,494	3,735,260	3,592,305	4,262,553	3,723,983	2,803,645	1,997,838	1,224,645	1,097,953
Total Waste Landfilled % Special Waste by Volume	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA
Total Waste Landfilled, Tons % Special Waste by Weight	17,738,992 21.9%	18,283,743 22.2%	16,788,372 22.2%	17,068,053 21.0%	17,127,787 24.9%	16,833,718 22.1%	15,399,124 18.2%	14,958,023 13.4%	14,193,520 8.6%	13,811,607 7.9%
	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>	<u>2000</u>	
Total, Special Waste (cubic yards)	1,108,091	1,521,380	2,099,506	2,753,526	2,514,686	2,308,355	2,373,770	1,903,348	2,350,808	
Density (lbs/cubic yard)	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	
Total, Special Waste (tons)	886,473	1,217,104	1,679,605	2,202,821	2,011,749	1,846,684	1,899,016	1,522,679	1,880,646	
Total Waste Landfilled (cubic yards) % Special Waste by Volume	50,003,500 2.2%	53,783,042 2.8%	54,935,662 3.8%	52,295,275 5.3%	53,754,870 4.7%	57,049,793 4.0%	54,650,066 4.3%	52,649,722 3.6%	49,292,180 4.8%	2000-2008 Average 4.0%
Total Waste Landfilled (tons) % Special Waste by Weight	15,152,576 5.9%	16,297,892 7.5%	16,647,170 10.1%	15,847,053 13.9%	16,289,355 12.4%	17,287,816 10.7%	16,560,626 11.5%	15,954,461 9.5%	14,937,024 12.6%	2000-2008 Average 10.4%

Notes:

- Average density of special waste:
  - CID #3 985 lbs/c/y
  - CID #4 1,842 lbs/c/y
  - Laraway RDF 1,980 lbs/c/y
  - =====
  - Average 1,600 lbs/c/y
- Average density used to calculate tons of special waste for years 2000-2008 (special waste data was reported to IEPA in cubic yards for those years); special waste data for years 2009-2018 was reported to IEPA in tons.
- 2000-2008 Average Special Waste Quantities (4 % by volume, 10 % by weight) used to estimate special waste quantities in Table E.3-6 for years 1996-1999.

**EFFINGHAM CROSSROADS LANDFILL  
TABLE E.3-9 - STATE POPULATION DATA**

<u>State</u>	<u>1990</u>	<u>1991</u>	<u>1992</u>	<u>1993</u>	<u>1994</u>	<u>1995</u>	<u>1996</u>	<u>1997</u>	<u>1998</u>	<u>1999</u>	<u>2000</u>
Illinois	11,430,602	11,529,471	11,628,340	11,727,209	11,826,078	11,924,948	12,023,817	12,122,686	12,221,555	12,320,424	12,419,293
Indiana	5,544,159	5,597,792	5,651,424	5,705,057	5,758,689	5,812,322	5,865,955	5,919,587	5,973,220	6,026,852	6,080,485
Michigan	9,295,297	9,359,612	9,423,926	9,488,241	9,552,556	9,616,871	9,681,185	9,745,500	9,809,815	9,874,129	9,938,444
Wisconsin	4,891,769	4,938,960	4,986,150	5,033,341	5,080,531	5,127,722	5,174,913	5,222,103	5,269,294	5,316,484	5,363,675
Total	31,161,827	31,425,835	31,689,840	31,953,848	32,217,854	32,481,863	32,745,870	33,009,876	33,273,884	33,537,889	33,801,897
State	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>	<u>2010</u>
Illinois	12,419,293	12,460,427	12,501,561	12,542,695	12,583,829	12,624,963	12,666,096	12,707,230	12,748,364	12,789,498	12,830,632
Indiana	6,080,485	6,120,817	6,161,148	6,201,480	6,241,812	6,282,144	6,322,475	6,362,807	6,403,139	6,443,470	6,483,802
Michigan	9,938,444	9,932,964	9,927,483	9,922,003	9,916,522	9,911,042	9,905,562	9,900,081	9,894,601	9,889,120	9,883,640
Wisconsin	5,363,675	5,396,006	5,428,337	5,460,668	5,492,999	5,525,331	5,557,662	5,589,993	5,622,324	5,654,655	5,686,986
Total	33,801,897	33,910,214	34,018,529	34,126,846	34,235,162	34,343,480	34,451,795	34,560,111	34,668,428	34,776,743	34,885,060
State	<u>2010</u>	<u>2011</u>	<u>2012</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>	<u>2020</u>
Illinois	12,830,632	12,867,291	12,884,119	12,898,269	12,888,962	12,864,342	12,826,895	12,786,196	12,741,080		
Indiana	6,483,802	6,516,045	6,537,640	6,568,367	6,593,533	6,608,296	6,633,344	6,660,082	6,691,878		
Michigan	9,883,640	9,881,521	9,896,930	9,913,349	9,930,589	9,932,573	9,951,890	9,976,447	9,995,915		
Wisconsin	5,686,986	5,704,755	5,719,855	5,736,952	5,751,974	5,761,406	5,772,958	5,792,051	5,813,568		
Total	34,885,060	34,969,612	35,038,544	35,116,937	35,165,058	35,166,617	35,185,087	35,214,776	35,242,441		

Source:

1. Years 1990, 2000 and 2010 = U.S. Census Bureau. All other interim years within this period interpolated.
2. Years 2010-2018 = U.S. Census Bureau estimates.



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

TITLE: WASTE DISPOSAL RATES

**Results**

Total waste disposal rates in Illinois ranged from 6.5 pounds per capita per day in 2010 to 8.2 pounds per capita per day in 2017 (refer to Table E.3-10). The same upward trend (through 2006) is apparent for Illinois as a whole as was indicated for the Chicago metropolitan area. Disposal rates are somewhat higher in the Chicago metropolitan area versus statewide averages, likely as the result of greater development and economic activity.

TABLE E.3-10 - SUMMARY, STATE OF ILLINOIS DISPOSAL RATES		
Year	MSW (pounds/capita/day)	Total (pounds/capita/day)
1996	6.2	6.8
1997	6.1	6.7
1998	6.7	7.3
1999	7.0	7.7
2000	6.7	7.4
2001	7.2	7.9
2002	7.0	7.7
2003	7.0	7.7
2004	7.1	7.9
2005	7.1	7.9
2006	7.3	8.0
2007	7.2	7.7
2008	6.9	7.3
2009	6.1	6.6
2010	6.0	6.5
2011	5.9	6.7
2012	5.8	6.9
2013	6.0	7.5
2014	6.0	7.7
2015	6.2	7.7
2016	6.1	7.6
2017	6.3	8.2
2018	6.4	8.1



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK Date: 04/2020

Checked by: MNF Date: 04/2020

**TITLE: WASTE DISPOSAL RATES**

---

Total waste disposal rates for Indiana ranged from 7.6 pounds per capita per day to 12.7 pounds per capita per day. Total waste disposal rates for Michigan ranged from 6.4 pounds per capita per day to 8.6 pounds per capita per day. Total waste disposal rates for Wisconsin ranged from 7.3 pounds per capita per day to 9.9 pounds per capita per day. These data are largely consistent with the results observed for Illinois.

**III. Calculation of Waste Disposal Rates for Rural and Downstate Illinois Counties**

The previous analyses have resulted in the calculation of two disposal rates in Illinois: a statewide disposal rate and a disposal rate for the Chicago metropolitan area. Using these calculated rates, the disposal rate for rural and downstate counties (including counties in the proposed service area) was determined by the following steps.

- Step 1. Calculate the amount of waste disposed by the state as a whole by multiplying the per capita disposal rate by the population of the state (see Table E.3-9).
- Step 2. Calculate the amount of waste disposed by the Chicago metropolitan area by multiplying the per capita disposal rate by the population of the region (see Table E.3-5).
- Step 3. Determine the population in the rural and downstate counties by subtracting the population of the Chicago metropolitan area from the total population of the State.
- Step 4. Subtract the amount of waste disposed by the Chicago metropolitan area from the amount of waste disposed by the state as a whole to determine the amount of waste disposed by rural and downstate counties.
- Step 5. Divide the amount of waste disposed by the rural and downstate counties (Step 4) by the population of the rural and downstate counties (Step 3) to calculate the per capita waste disposal rate for the rural and downstate counties.

As summarized in Tables E.3-11 and E.3-12, the analysis shows that rural and downstate counties disposed of 5.5 to 8.0 pounds per capita per day of total waste and 4.7 to 6.9 pounds per capita per day of municipal waste between 1996 and 2018. Disposal rates are higher in the Chicago metropolitan area versus rural counties, likely as the result of greater development and economic activity.

**EFFINGHAM CROSSROADS LANDFILL**

**TABLE E.3-11 - MUNICIPAL WASTE DISPOSAL RATE CALCULATION FOR REMAINDER OF ILLINOIS**

	2018		2017		2016	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,741,080	6.4	12,786,196	6.3	12,826,895	6.1
Metro-Area	8,345,010	6.6	8,370,356	6.5	8,392,186	6.3
	=====	=====	=====	=====	=====	=====
Remainder of State	4,396,070	6.0	4,415,840	5.9	4,434,709	5.7
	2015		2014		2013	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,864,342	6.2	12,888,962	6.0	12,898,269	6.0
Metro-Area	8,409,744	6.5	8,414,730	6.3	8,406,261	6.3
	=====	=====	=====	=====	=====	=====
Remainder of State	4,454,598	5.6	4,474,232	5.4	4,492,008	5.4
	2012		2011		2010	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,884,119	5.8	12,867,291	5.9	12,830,632	6.0
Metro-Area	8,383,141	5.8	8,354,919	6.1	8,316,650	6.3
	=====	=====	=====	=====	=====	=====
Remainder of State	4,500,978	5.8	4,512,372	5.5	4,513,982	5.4
	2009		2008		2007	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,789,498	6.1	12,748,364	6.9	12,707,230	7.2
Metro-Area	8,294,158	6.2	8,271,663	6.9	8,249,171	7.5
	=====	=====	=====	=====	=====	=====
Remainder of State	4,495,340	5.9	4,476,701	6.9	4,458,059	6.6
	2006		2005		2004	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,666,096	7.3	12,624,963	7.1	12,583,829	7.1
Metro-Area	8,226,678	7.9	8,204,186	7.8	8,181,692	7.9
	=====	=====	=====	=====	=====	=====
Remainder of State	4,439,418	6.2	4,420,777	5.8	4,402,137	5.6
	2003		2002		2001	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,542,695	7.0	12,501,561	7.0	12,460,427	7.2
Metro-Area	8,159,199	7.1	8,136,707	7.5	8,114,212	7.8
	=====	=====	=====	=====	=====	=====
Remainder of State	4,383,496	6.8	4,364,854	6.1	4,346,215	6.1
	2000		1999		1998	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,419,293	6.7	12,320,424	7.0	12,221,555	6.7
Metro-Area	8,091,720	7.6	8,008,666	7.5	7,925,610	7.3
	=====	=====	=====	=====	=====	=====
Remainder of State	4,327,573	5.0	4,311,758	6.1	4,295,945	5.6
	1997		1996			
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>		
Illinois	12,122,686	6.1	12,023,817	6.2		
Metro-Area	7,842,558	6.4	7,759,503	7.0		
	=====	=====	=====	=====		
Remainder of State	4,280,128	5.6	4,264,314	4.7		

**Note:**

1. To calculate the Remainder of State disposal rate, the Metro-Area population includes only Chicago metro-area counties (Cook, DuPage, Kane, Lake, McHenry, and Will).



**EFFINGHAM CROSSROADS LANDFILL**

**TABLE E.3-12 - TOTAL WASTE DISPOSAL RATE CALCULATION FOR REMAINDER OF ILLINOIS**

	2018		2017		2016	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,741,080	8.1	12,786,196	8.2	12,826,895	7.6
Metro-Area	8,345,010	8.7	8,370,356	8.3	8,392,186	7.9
	=====	=====	=====	=====	=====	=====
Remainder of State	4,396,070	7.0	4,415,840	8.0	4,434,709	7.0
	2015		2014		2013	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,864,342	7.7	12,888,962	7.7	12,898,269	7.5
Metro-Area	8,409,744	8.2	8,414,730	8.3	8,406,261	8.0
	=====	=====	=====	=====	=====	=====
Remainder of State	4,454,598	6.8	4,474,232	6.6	4,492,008	6.6
	2012		2011		2010	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,867,291	6.9	12,867,291	6.7	12,830,632	6.5
Metro-Area	8,383,141	7.0	8,354,919	6.8	8,316,650	6.6
	=====	=====	=====	=====	=====	=====
Remainder of State	4,500,978	6.7	4,512,372	6.5	4,513,982	6.3
	2009		2008		2007	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,789,498	6.6	12,748,364	7.3	12,707,230	7.7
Metro-Area	8,294,158	6.5	8,271,663	7.2	8,249,171	8.0
	=====	=====	=====	=====	=====	=====
Remainder of State	4,495,340	6.8	4,476,701	7.5	4,458,059	7.1
	2006		2005		2004	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,666,096	8.0	12,624,963	7.9	12,583,829	7.9
Metro-Area	8,226,678	8.5	8,204,186	8.4	8,181,692	8.5
	=====	=====	=====	=====	=====	=====
Remainder of State	4,439,418	7.1	4,420,777	7.0	4,402,137	6.8
	2003		2002		2001	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,542,695	7.7	12,501,561	7.7	12,460,427	7.9
Metro-Area	8,159,199	7.7	8,136,707	8.2	8,114,212	8.3
	=====	=====	=====	=====	=====	=====
Remainder of State	4,383,496	7.7	4,364,854	6.8	4,346,215	7.2
	2000		1999		1998	
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>
Illinois	12,419,293	7.4	12,320,424	7.7	12,221,555	7.3
Metro-Area	8,091,720	8.1	8,008,666	8.0	7,925,610	7.8
	=====	=====	=====	=====	=====	=====
Remainder of State	4,327,573	6.1	4,311,758	7.1	4,295,945	6.4
	1997		1996			
	<u>Population</u>	<u>Disposal Rate (pcd)</u>	<u>Population</u>	<u>Disposal Rate (pcd)</u>		
Illinois	12,122,686	6.7	12,023,817	6.8		
Metro-Area	7,842,558	6.9	7,759,503	7.5		
	=====	=====	=====	=====		
Remainder of State	4,280,128	6.3	4,264,314	5.5		

**Note:**

1. To calculate the Remainder of State disposal rate, the Metro-Area population includes only Chicago metro-area counties (Cook, DuPage, Kane, Lake, McHenry, and Will).



Client: Effingham Crossroads Landfill, LLC

Project: Effingham Crossroads Landfill

Project #: 631236514

Calculated By: PPK

Date: 04/2020

Checked by: MNF

Date: 04/2020

TITLE: WASTE DISPOSAL RATES

---

### Disposal Rate Discussion

The methodology employed above utilizes recent as well as historical landfill disposal data to calculate per capita disposal rates and represents the most current and comprehensive information on disposal rates (including historical trends). Although waste generation, recycling and disposal rates were estimated in solid waste management plans for counties in Illinois, most of those plans were prepared in the late 1980s and early 1990s, and the information contained in them has become dated. Although five-year updates to the plans have subsequently been prepared, in most cases the updates did not include a comprehensive evaluation of current disposal rates. The IEPA has acknowledged this fact in its annual landfill reports:

*The waste generation data reported by local recycling coordinators might be 10 to 15 years out-of-date, and is based upon 1990 (or earlier) population figures. (IEPA, 2003, p.8)*

*Waste generation and recycling figures were prepared in many cases during the solid waste planning process several years ago. In many cases, no new research has been done since then. (IEPA, 2002(b), p. 8)*

Most landfills have been equipped with scales, which allows accurate tracking of the amounts of waste disposed in landfills. Moreover, since landfills typically pay local and state surcharges and host fees based on the amount of waste accepted, it is unlikely that landfills would overstate the amount of waste received. For these reasons, it is believed that the per capita disposal rates derived in the preceding analysis represent the most current, accurate evaluation of waste disposal quantities.