

**State of Illinois**  
JB Pritzker, Governor

**Illinois Environmental Protection Agency**  
John J. Kim, Director



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# Illinois Landfill Disposal Capacity Report



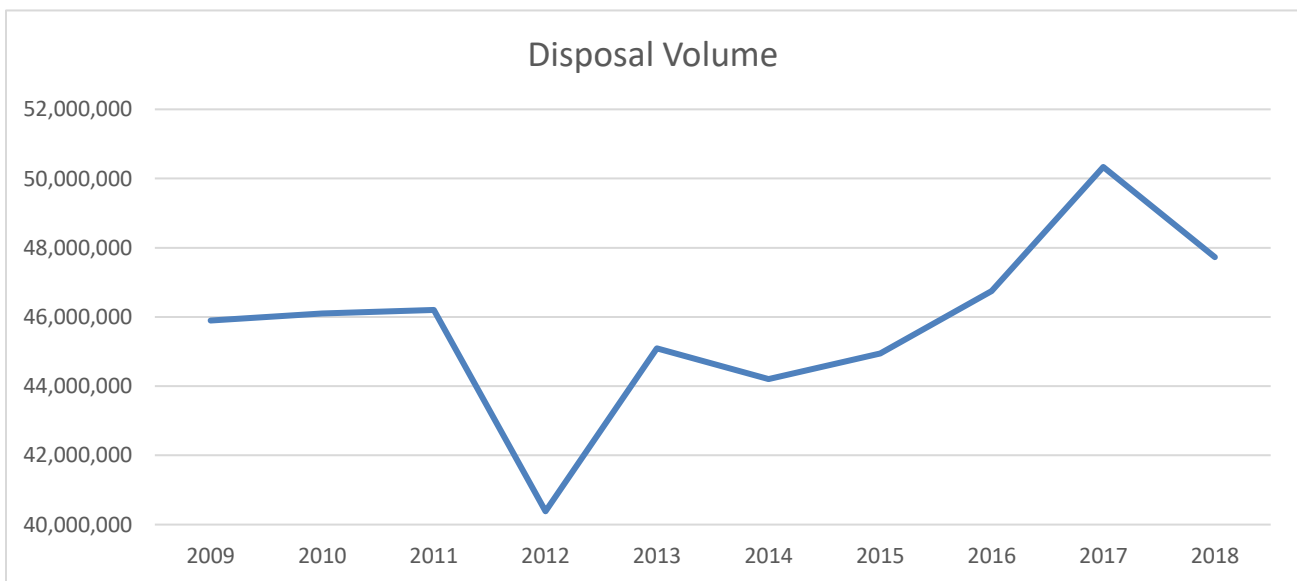
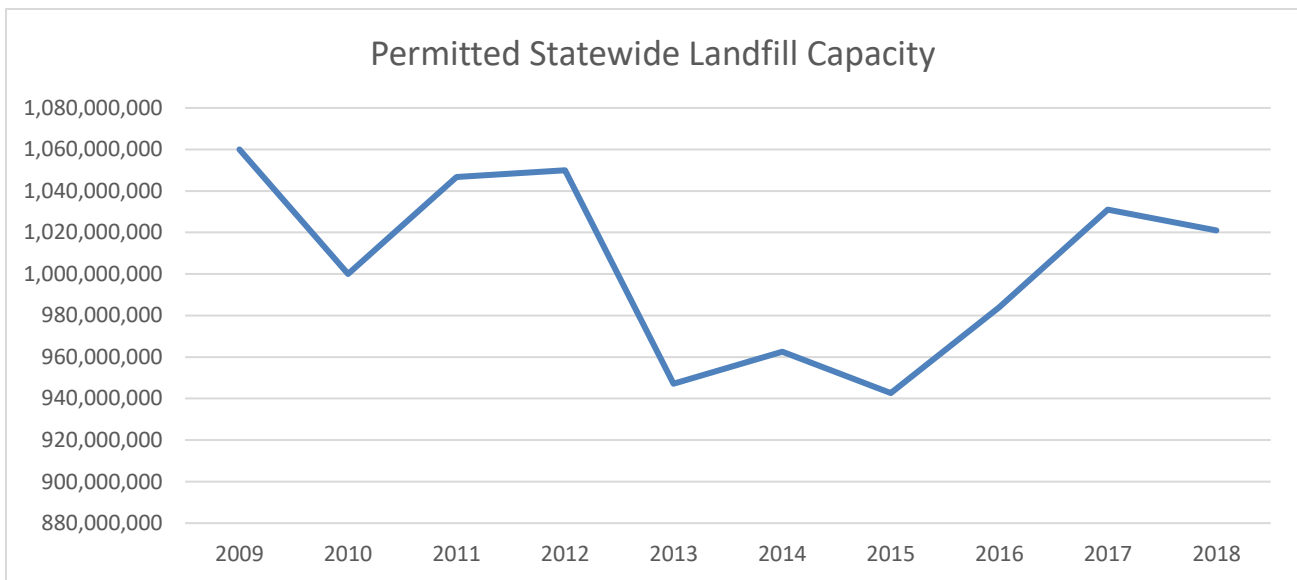
September 2019

# Introduction

Pursuant to Section 4 of the Illinois Solid Waste Management Act, the Illinois Environmental Protection Agency (Illinois EPA) has prepared this report reflecting the available disposal capacity of permitted landfills and the estimated life expectancy of those landfills. This report identifies the cumulative remaining disposal capacity and landfill life expectancy for the state as a whole, each of the seven administrative regions of the state, and each active permitted landfill. Sections 22.15 and 22.44 of the Illinois Environmental Protection Act each require permitted solid waste landfills to report to the Illinois EPA the volume of solid waste accepted during the calendar year and the remaining disposal capacity as of January 1 of the following calendar year. For this report, the projected life expectancy of each landfill is determined by dividing the remaining disposal capacity of the landfill on January 1, 2019, by the landfill's disposal rate during calendar year 2018.

# Permitted Statewide Disposal Capacity

During calendar year 2018, 38 permitted landfills in Illinois reported receiving a total of 47,729,512 cubic yards of solid waste. These landfills have a remaining combined available disposal capacity of 1,021,007,316 cubic yards. At the current disposal rate, these landfills will have a cumulative life expectancy of approximately 21 years. However, landfill capacity and life expectancy may vary year-to-year based on a number of factors, including waste disposal rates, landfill expansion, and the construction of new landfills. Since 2009, eighteen permit modifications have resulted in the cumulative addition of approximately 230,000,000 cubic yards of landfill capacity statewide. Below is a chart reflecting landfill capacity and disposal rates, in cubic yards, since 2009.



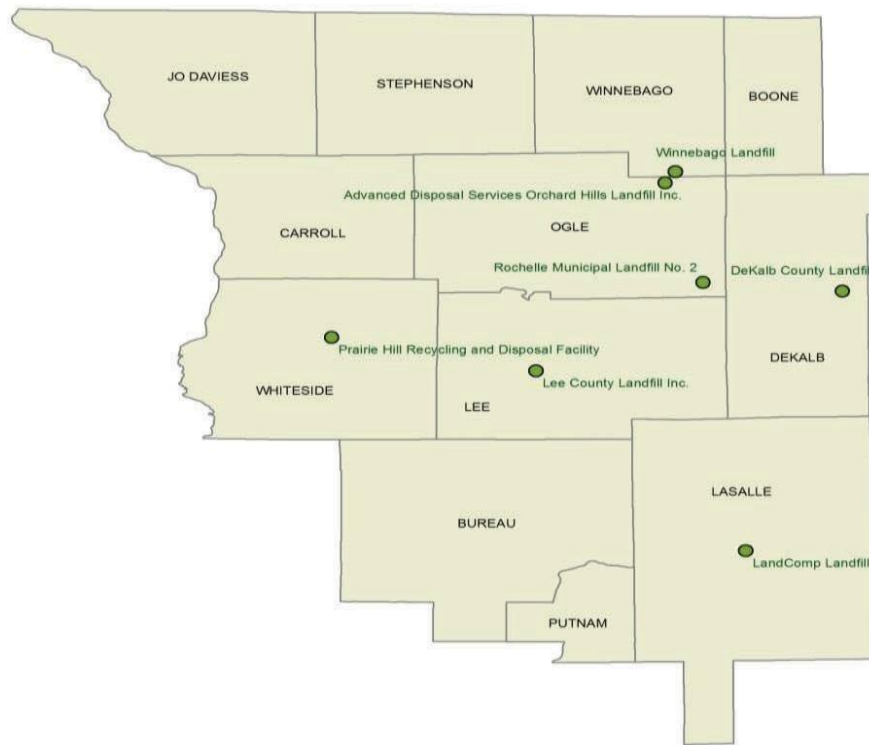
## Landfill Capacity and Disposal Volume by Region

The Illinois EPA divides the state into seven administrative regions. These regions have different landfill populations, disposal rates, landfill capacities, and resulting landfill life expectancies. The table below identifies this information on a regional basis.

Region Number	Geographic Area	Number of Landfills	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
1	Northwestern Illinois	7	336,495,290	16,989,312	19.8
2	Chicago Metropolitan	4	85,926,252	8,451,041	10.2
3	Peoria/Quad Cities	7	145,584,153	4,898,765	29.7
4	East Central Illinois	7	168,418,703	6,161,183	27.3
5	West Central Illinois	4	25,352,476	1,715,503	14.8
6	St. Louis Metro East	4	177,682,732	7,831,042	22.7
7	Southern Illinois	5	81,547,710	1,682,666	48.5
<b>Total</b>		<b>38</b>	<b>1,021,007,316</b>	<b>47,729,512</b>	<b>21.4</b>

## Region 1: Northwestern Illinois

Seven landfills in Region 1 reported available capacity as of January 1, 2019. The location of each landfill in Region 1 is depicted below.

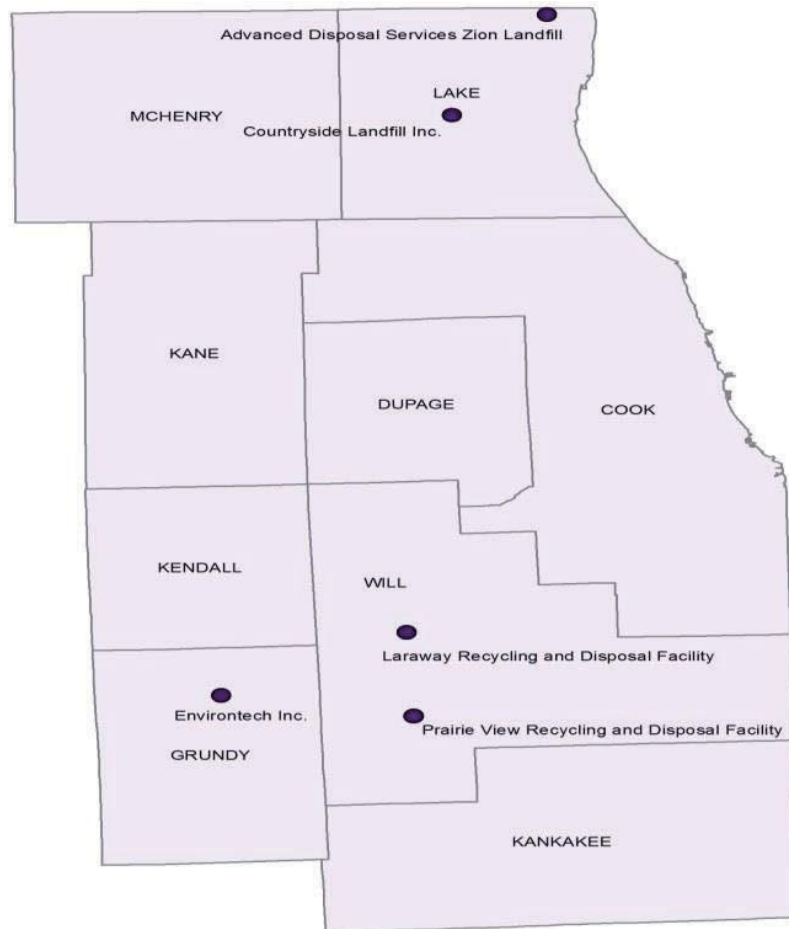


The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 1. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 1 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Advanced Disposal Services Orchard Hills Landfill Inc.	46,936,408	6,855,671	6.8
DeKalb County Landfill	72,422,596	2,290,580	31.6
LandComp Landfill	15,263,450	868,533	17.6
Lee County Landfill Inc.	53,841,410	562,749	95.7
Prairie Hill Recycling and Disposal Facility	39,664,557	1,259,704	31.5
Rochelle Municipal Landfill No.	12,015,547	159,658	75.3
Winnebago Landfill	96,351,322	4,992,417	19.3
<b>Total</b>	<b>336,495,290</b>	<b>16,989,312</b>	<b>19.8</b>

## Region 2: Chicago Metropolitan

Four landfills in Region 2 reported available capacity as of January 1, 2019. The location of each landfill in Region 2 is depicted below.



The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 2. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 2 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Advanced Disposal Services Zion Landfill	21,489,667	2,442,921	8.8
Countryside Landfill Inc.	7,874,828	1,212,967	6.5
Laraway Recycling and Disposal Facility	14,918,820	2,371,873	6.3
Prairie View Recycling and Disposal Facility	41,642,937	2,423,280	17.2
<b>Total</b>	<b>85,926,252</b>	<b>8,451,041</b>	<b>10.2</b>

## Region 3: Peoria/Quad Cities

Seven landfills in Region 3 reported available capacity as of January 1, 2019. The location of each landfill in Region 3 is depicted below.



The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 3. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 3 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Atkinson Landfill	27,479,610	188,355	145.9
Envirofil of Illinois Inc.	19,422,289	175,786	110.5
Indian Creek Landfill No. 2	36,047,490	1,208,463	29.8
Knox County Landfill #3	2,294,803	325,276	7.1
Peoria City/County Landfill #2	3,555,359	762,318	4.7
Quad Cities Landfill, Phase IV	44,910,409	1,444,161	31.1
Upper Rock Island County Landfill	11,874,193	794,406	14.9
<b>Total</b>	<b>145,584,153</b>	<b>4,898,765</b>	<b>29.7</b>

## Region 4: East Central Illinois

Seven landfills in Region 4 reported available capacity as of January 1, 2019. The location of each landfill in Region 4 is depicted below.



The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 4. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 4 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
ADS/McLean County Landfill #2	0	210,647	0
Advanced Disposal Services Valley View Landfill Inc.	18,232,240	533,107	34.2
Brickyard Disposal and Recycling Inc.	11,829,829	666,623	17.7
Clinton Landfill #3	45,022,065	1,110,789	40.5
Illinois Landfill	20,231,138	103,989	194.6
Landfill #33 Ltd.	1,223,940	265,927	4.6
Livingston Landfill	71,879,491	3,270,101	22
<b>Total</b>	<b>168,418,703</b>	<b>6,161,183</b>	<b>27.3</b>



## Region 5: West Central Illinois

Four landfills in Region 5 reported available capacity as of January 1, 2019. The location of each landfill in Region 5 is depicted below.

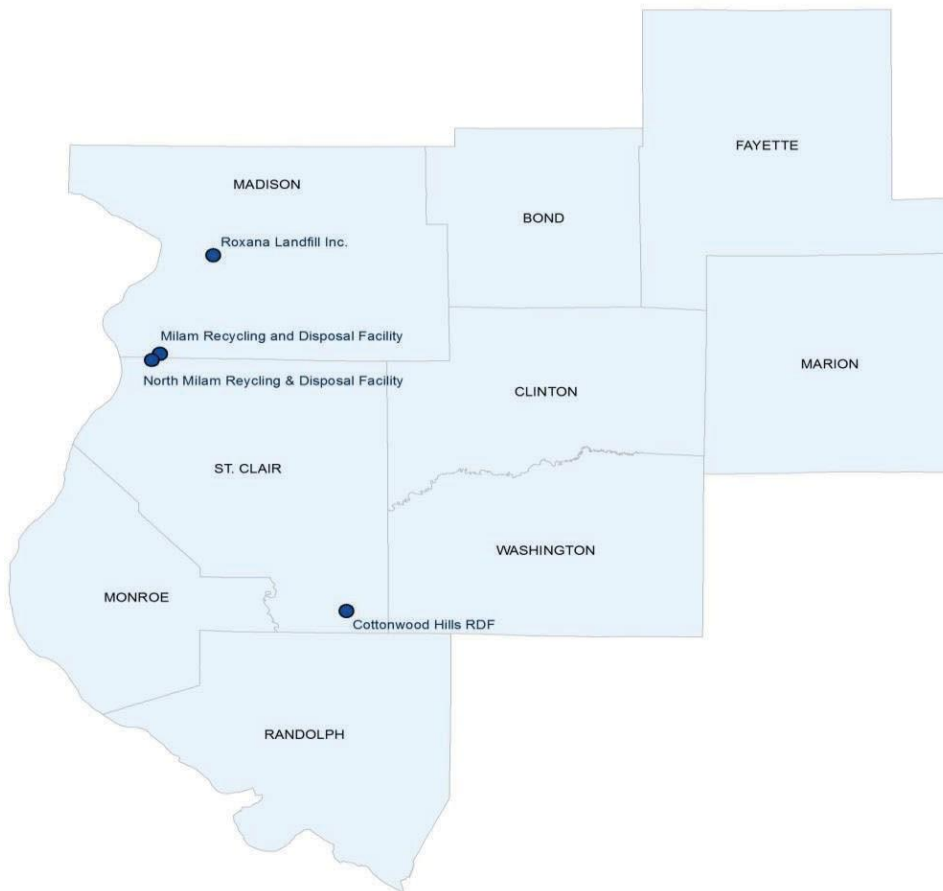


The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 5. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 5 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Five Oaks Recycling and Disposal Facility	16,012,173	666,768	24
Hickory Ridge Landfill	1,982,762	535,732	3.7
Litchfield-Hillsboro Landfill	2,227,906	141,593	15.7
Sangamon Valley Landfill Inc.	5,129,635	371,410	13.8
<b>Total</b>	<b>25,352,476</b>	<b>1,715,503</b>	<b>14.8</b>

## Region 6: St. Louis Metropolitan East

Four landfills in Region 6 reported available capacity as of January 1, 2019. The location of each landfill in Region 6 is depicted below.

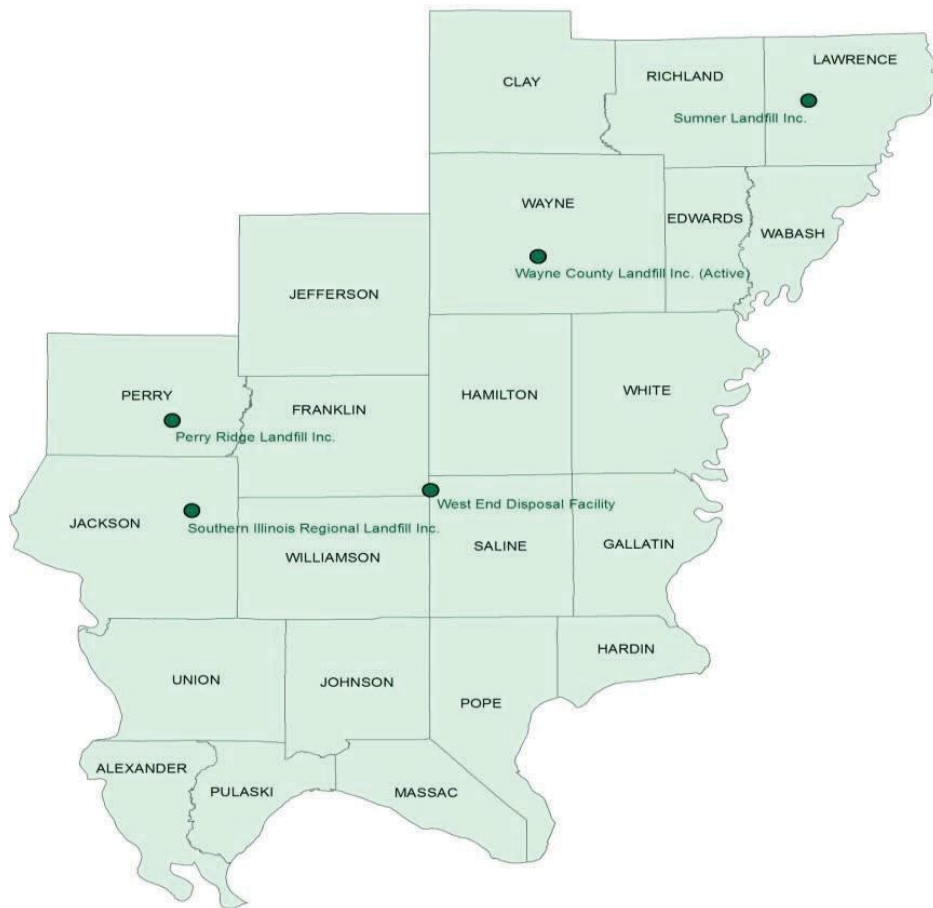


The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 6. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 6 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Cottonwood Hills RDF	78,844,500	994,827	79.3
Milam Recycling and Disposal Facility	252,100	176,836	1.4
North Milam Landfill	34,327,200	2,102,452	16.3
Roxana Landfill Inc.	64,258,932	4,556,927	14.1
<b>Total</b>	<b>177,682,732</b>	<b>7,831,042</b>	<b>22.7</b>

## Region 7: Southern Illinois

Five landfills in Region 7 reported available capacity as of January 1, 2019. The location of each landfill in Region 7 is depicted below.



The table below reflects the reported capacity on January 1, 2019, the volume of waste disposed in 2018, and the projected life expectancy of each landfill in Region 7. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 7 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Perry Ridge Landfill Inc.	11,691,882	186,273	62.8
Southern Illinois Regional Landfill Inc.	39,424,702	1,029,414	38.3
Sumner Landfill Inc.	5,636,890	198,018	28.5
Wayne County Landfill Inc.	3,503,634	4,581	764.8
West End Disposal Facility	21,290,602	264,380	80.5
<b>Total</b>	<b>81,547,710</b>	<b>1,682,666</b>	<b>48.5</b>