

State of Illinois  
Bruce Rauner, Governor

Illinois Environmental Protection Agency  
Alec Messina, Director



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# Illinois Landfill Disposal Capacity Report



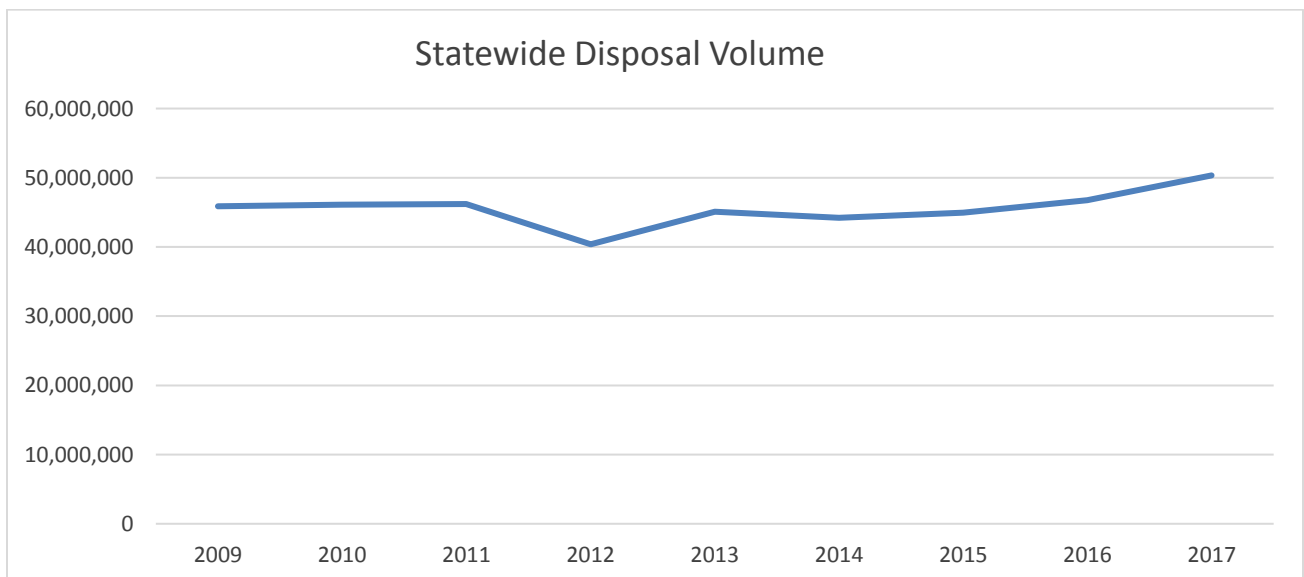
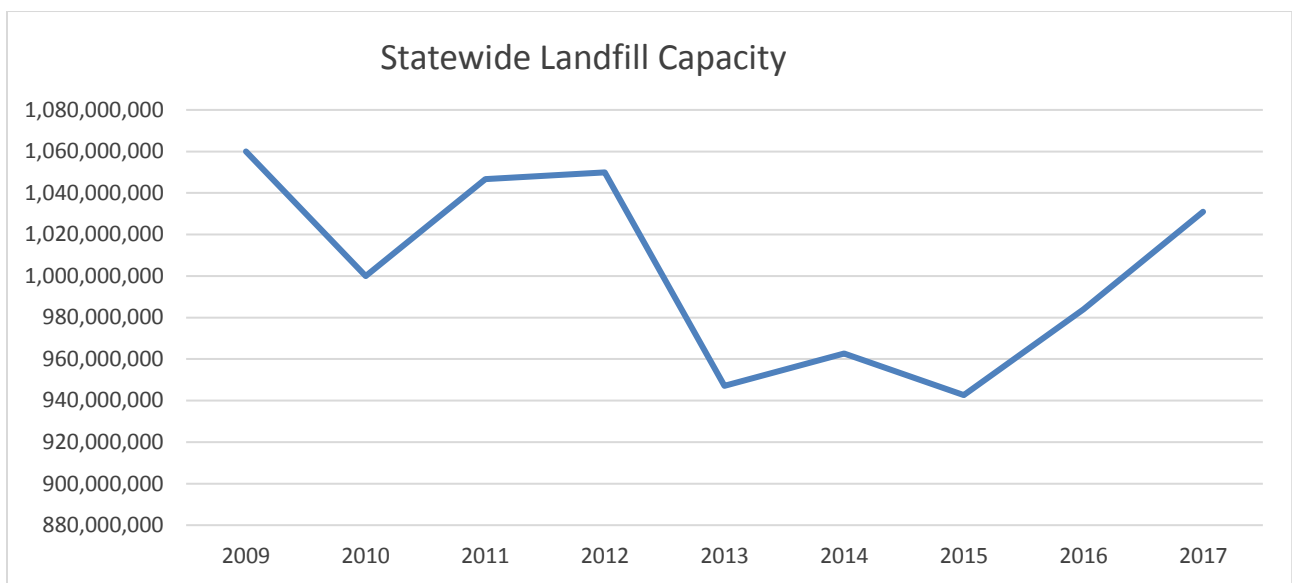
July 2018

## 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. Under Sections 22.15 and 22.44 of the Illinois Environmental Protection Act, each permitted solid waste landfill is required 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, 2018, by the landfill's disposal rate during calendar year 2017.

# Statewide Disposal Capacity

During calendar year 2017, 37 permitted landfills in Illinois reported receiving a total of 50,334,563 cubic yards of solid waste. These landfills have a remaining combined available disposal capacity of 1,030,975,772 cubic yards. At the current disposal rate, these landfills will have a cumulative life expectancy of approximately 20 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, seventeen permit modifications have resulted in the cumulative addition of approximately 200,000,000 cubic yards of landfill capacity statewide. Below are charts reflecting statewide landfill capacity and disposal rates, in cubic yards, since 2009.



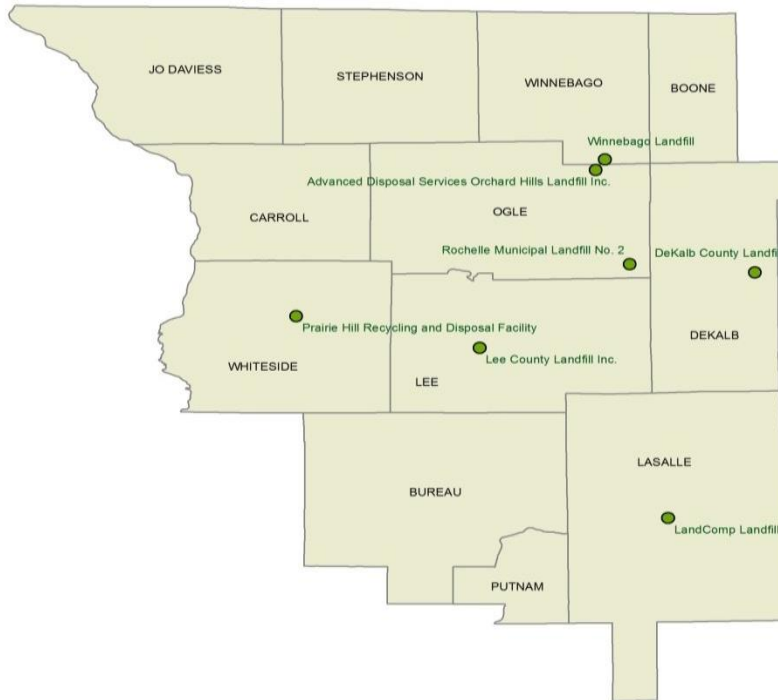
## Landfill Capacity and Disposal Volume by Region

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	359,535,309	17,798,774	20.2
2	Chicago Metropolitan	4	84,848,360	7,700,041	11.0
3	Peoria/Quad Cities	6	117,222,628	5,037,568	23.3
4	East/ Central Illinois	7	172,032,754	6,273,559	27.4
5	West/Central Illinois	4	30,972,480	1,708,857	18.1
6	St. Louis Metro	4	183,696,898	10,186,143	18.0
7	Southern Illinois	5	82,667,343	1,629,621	50.7
<b>Total</b>		<b>37</b>	<b>1,030,975,772</b>	<b>50,334,563</b>	<b>20.5</b>

## Region 1: Northwestern Illinois

Seven landfills in Region 1 reported available capacity as of January 1, 2018. The location of each landfill in Region 1 is depicted below.

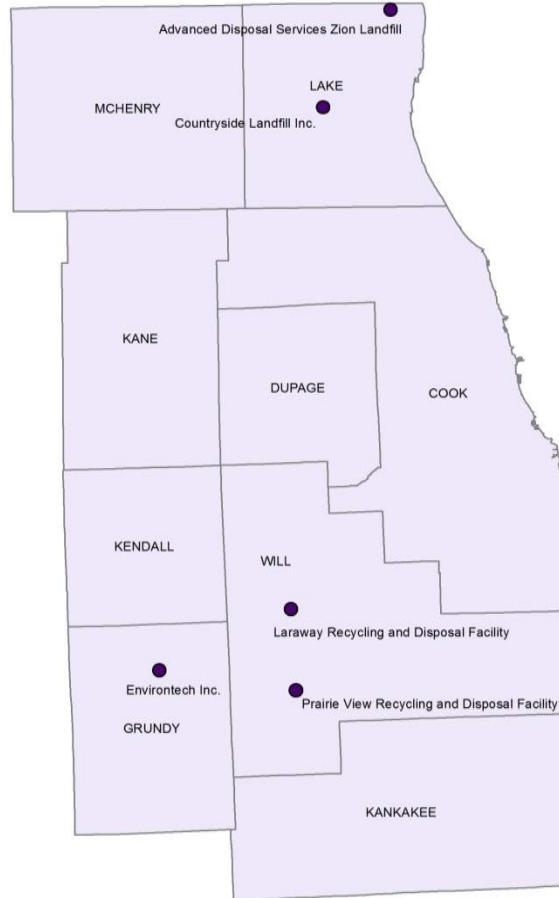


The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, and the projected life expectancy of each landfill in Region 1. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 1 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Advanced Disposal Services Orchard Hills Landfill Inc.	81,479,423	8,833,432	9.2
DeKalb County Landfill	74,988,320	2,448,162	30.6
LandComp Landfill	15,607,100	831,056	18.8
Lee County Landfill Inc	53,076,744	1,088,580	48.8
Prairie Hill Recycling and Disposal Facility	38,138,363	1,026,344	37.2
Rochelle Municipal Landfill No. 2	16,600,765	263,543	63
Winnebago Landfill	79,644,594	3,307,657	24.1
<b>Total</b>	<b>359,535,309</b>	<b>17,798,774</b>	<b>20.2</b>

## Region 2: Chicago Metropolitan Area

Five landfills in Region 2 reported available capacity as of January 1, 2018. The location of each landfill in Region 2 is depicted below.

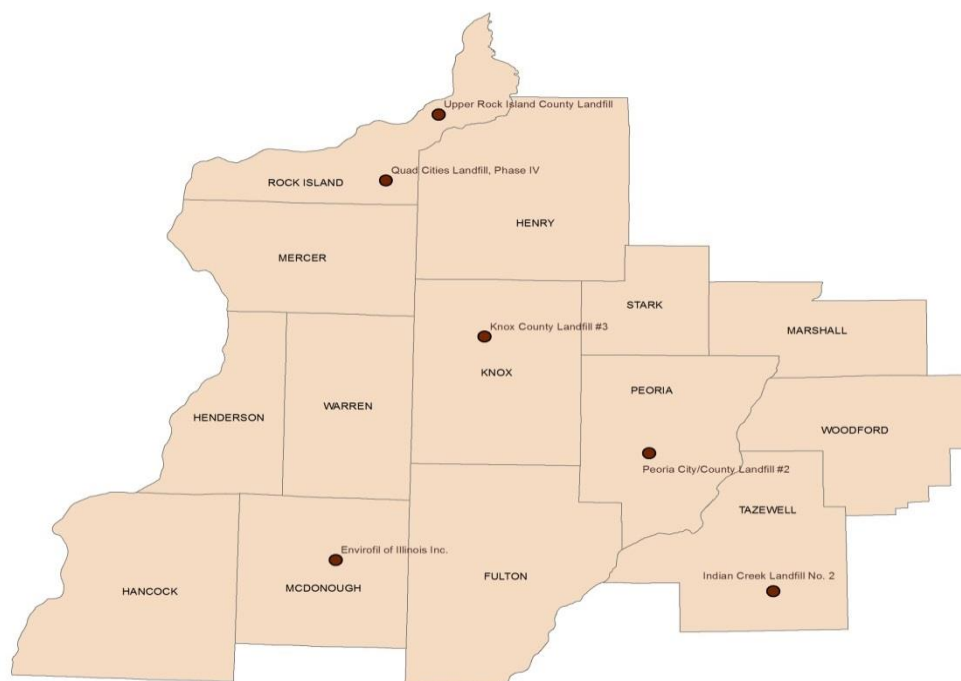


The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, and the projected life expectancy of each landfill in Region 2. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 2 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Advanced Disposal Services Zion Landfill	21,596,790	2,247,129	9.6
Countryside Landfill Inc	9,116,773	1,089,094	8.4
Laraway Recycling and Disposal Facility	17,221,605	2,200,989	7.8
Prairie View Recycling and Disposal Facility	36,913,192	2,162,829	17.1
<b>Total</b>	<b>84,848,360</b>	<b>7,700,041</b>	<b>11.0</b>

## Region 3: Peoria and Quad Cities

Six landfills in Region 3 reported available capacity as of January 1, 2018. The location of each landfill in Region 3 is depicted below.

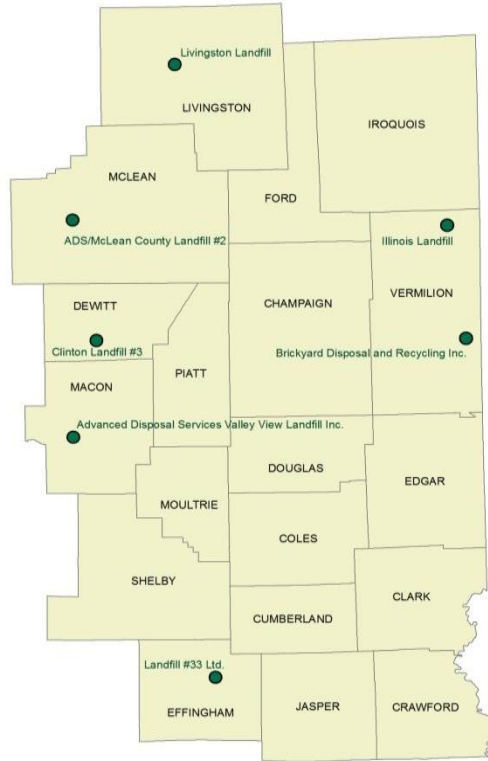


The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, and the projected life expectancy of each landfill in Region 3. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 3 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Envirofil of Illinois, Inc.	12,606,256	176,777	71.3
Indian Creek Landfill No. 2	31,755,523	1,107,325	28.7
Knox County Landfill #3	1,713,463	351,412	4.9
Peoria City/County Landfill #2	3,577,999	814,706	4.4
Quad Cities Landfill, Phase IV	54,945,636	1,607,582	34.2
Upper Rock Island County Landfill	12,623,751	979,766	12.9
<b>Total</b>	<b>117,222,628</b>	<b>5,037,568</b>	<b>23.3</b>

## Region 4: East/Central Illinois

Seven landfills in Region 4 reported available capacity as of January 1, 2018. The location of each landfill in Region 4 is depicted below.



The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, 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	186,745	301,250	0.6
Advanced Disposal Services Valley View Landfill, Inc.	18,722,010	521,649	35.9
Brickyard Disposal and Recycling, Inc.	11,426,208	647,622	17.6
Clinton Landfill #3	46,300,863	968,309	47.8
Illinois Landfill	19,714,104	105,957	186.1
Landfill #33 Ltd.	1,222,097	283,367	4.3
Livingston Landfill	74,460,727	3,445,405	21.6
<b>Total</b>	<b>172,032,754</b>	<b>6,273,559</b>	<b>27.4</b>



## Region 5: West/Central Illinois

Four landfills in Region 5 reported available capacity as of January 1, 2018. The location of each landfill in Region 5 is depicted below.

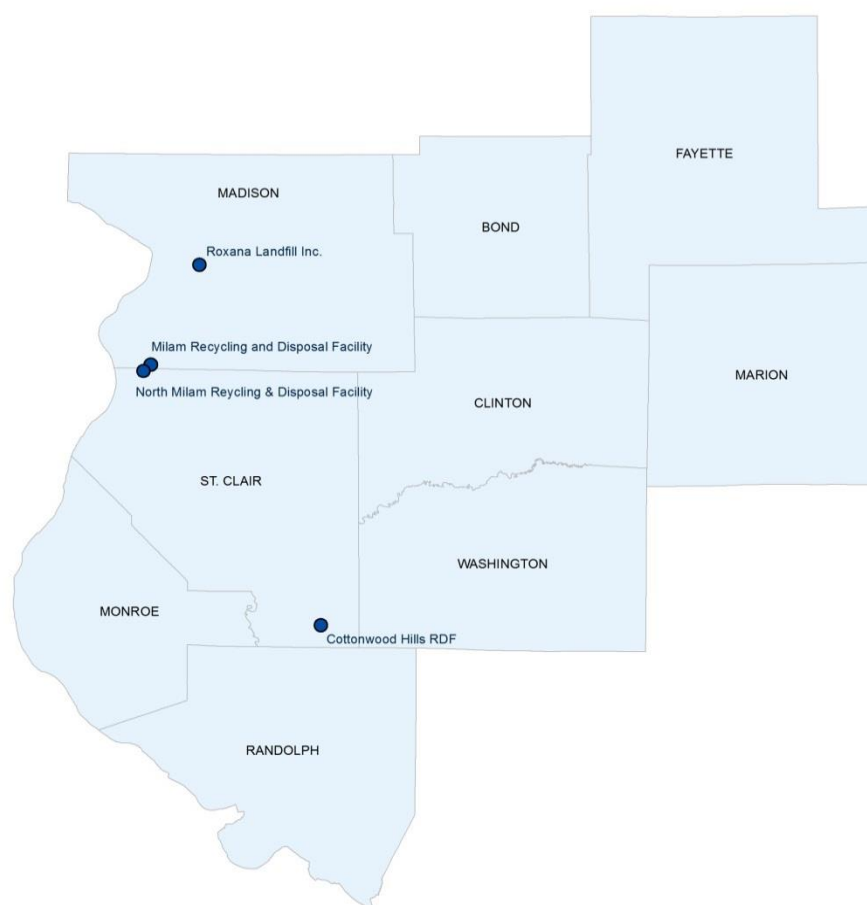


The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, and the projected life expectancy of each landfill in Region 5. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 5 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Five Oaks Recycling and Disposal Facility	20,319,345	683,218	29.7
Hickory Ridge Landfill	2,75,907	493,073	5.5
Litchfield-Hillsboro Landfill	2,495,698	178,084	14.0
Sangamon Valley Landfill, Inc.	5,421,530	354,482	15.3
<b>Total</b>	<b>30,972,480</b>	<b>1,708,857</b>	<b>18.1</b>

## Region 6: St. Louis Metropolitan Area

Four landfills in Region 6 reported available capacity as of January 1, 2018. The location of each landfill in Region 6 is depicted below.

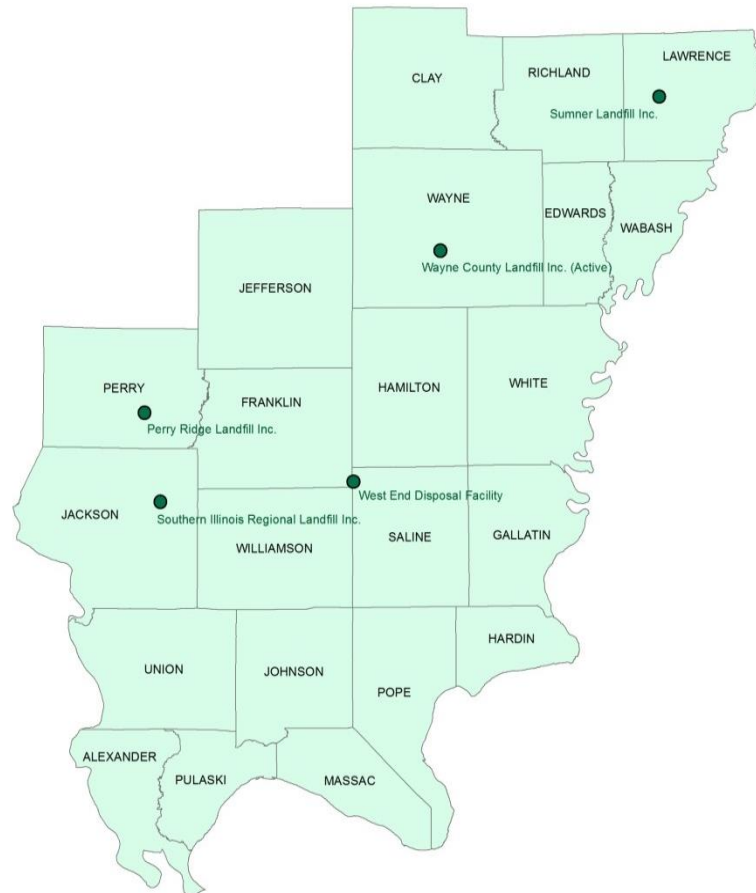


The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, and the projected life expectancy of each landfill in Region 6. It also shows the cumulative reported capacity, volume of waste disposed, and life expectancy for Region 6 as a whole.

Landfill	Capacity (yd <sup>3</sup> )	Disposal Volume (yd <sup>3</sup> )	Life Expectancy (yrs)
Cottonwood Hills RDF	79,509,900	1,097,718	72.4
Milam Recycling and Disposal Facility	1,138,500	891,160	1.3
North Milan Landfill	35,761,500	2,479,440	14.1
Roxana Landfill, Inc.	67,286,998	5,717,825	11.
<b>Total</b>	<b>183,696,898</b>	<b>10,186,143</b>	<b>18.0</b>

## Region 7: Southern Illinois

Five landfills in Region 7 reported available capacity as of January 1, 2018. The location of each landfill in Region 7 is depicted below.



The table below reflects the reported capacity on January 1, 2018, the volume of waste disposed in 2017, 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.	11,929,922	194,187	61.4
Southern Illinois Regional Landfill, Inc.	39,835,800	985,418	40.4
Summer Landfill, Inc.	5,805,206	183,411	31.7
Wayne County Landfill, Inc.	3,601,245	3,545	1,105.9
West End Disposal Facility	21,495,170	263,060	81.7
<b>Total</b>	<b>82,667,343</b>	<b>1,629,621</b>	<b>50.7</b>