

State of Illinois  
JB Pritzker, Governor

Illinois Environmental Protection Agency  
John J. Kim, Director



# Illinois Landfill Disposal Capacity Report



July 2022

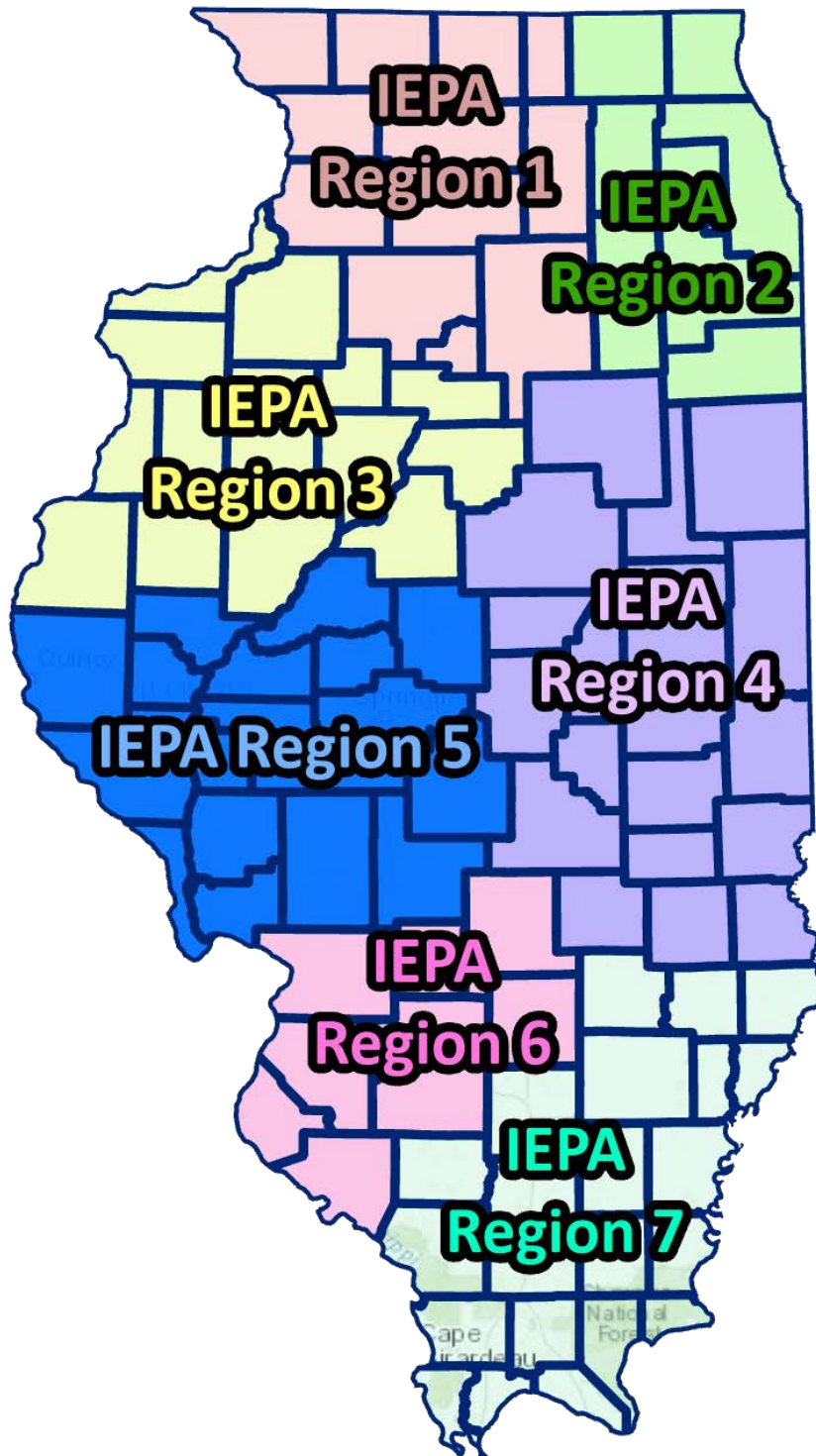
## **Introduction**

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 in Illinois 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, for each of the seven Illinois EPA administrative regions of the State, and for each individual active permitted landfill.

The data contained in this report are based upon information each permitted landfill is required to report to the Illinois EPA annually; specifically the volume of solid waste accepted by a landfill during the calendar year and the remaining disposal capacity of the landfill as of January 1 of the following year. Permitted landfills report capacity in terms of historic permitting data and the remaining capacity based on the volume of waste currently in place at the facility. Previous reports used historic permitting data when determining landfill life expectancy. However, this report uses the in-place capacity, which is the landfill capacity after accepted waste has compacted. This figure is a more accurate reflection of existing conditions at each facility. Permitted landfills also report disposal volume in terms of the volume of waste at the time it is accepted and the volume after it is compacted on the active face of the facility. Both are included in this report. Previous reports used the volume of waste at the gate to determine landfill life expectancy. This report uses the in-place disposal volume for determining landfill life expectancy because it parallels the methodology for determining the remaining capacity. As in previous reports, the projected life expectancy of each landfill is determined by dividing the landfill's reported disposal capacity by the landfill's average annual disposal rate for the last five years.

## Permitted Statewide Disposal Capacity

During calendar year 2021, Illinois' 36 permitted landfills located within 7 regions reported receiving a total of 46,573,562 cubic yards of solid waste at the gate. This equates to 19,432,831 in-place cubic yards after compaction. These landfills have a remaining combined available disposal capacity of 431,003,552 in-place cubic yards. At the average in-place disposal rate over the past five years, these landfills will have a cumulative life expectancy of approximately 20 years. However, cumulative 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.



## Landfill Capacity and Disposal Volume by Region

The Illinois EPA divides the State into seven administrative regions. These regions have various numbers of landfills, disposal rates, landfill capacities, and landfill life expectancies. The table identifies this information on a regional basis.

The regional life expectancy figures are intended only for informational purposes. The regional data should not be understood to reflect the maximum life expectancy of landfills that serve those areas, as many landfills serve numerous areas of the state.

	Disposal Volume Reported (Gate cy)	Disposal Volume (Post-Compaction In-place cy)	Five-Year Average Disposal Volume (In-place cy)	Remaining Capacity Reported (In-place cy)	Lifetime Expectancy (Year)
<b>Region 1: Northwestern Illinois</b>	13,305,451	5,765,404	6,614,699	139,553,922	21
<b>Region 2: Chicago Metropolitan</b>	9,524,020	3,293,862	3,137,960	24,552,864	8
<b>Region 3: Peoria/Quad Cities</b>	5,653,406	2,621,701	2,264,461	50,958,788	23
<b>Region 4: East Central Illinois</b>	5,659,612	2,381,688	2,312,064	78,961,673	34
<b>Region 5: West Central Illinois</b>	2,148,764	835,086	695,395	20,937,559	30
<b>Region 6: St. Louis Metropolitan East</b>	8,477,816	3,640,290	5,171,086	72,423,332	14
<b>Region 7: Southern Illinois</b>	1,804,493	894,800	853,756	43,615,414	51
<b>Totals:</b>	46,573,562	19,432,831	21,049,421	431,003,552	20





# 2021 Landfill Capacity Information

	Disposal Volume Reported (Gate cy)	Disposal Volume (Post-Compaction In-place cy)	Five-Year Average Disposal Volume (In-place cy)	Remaining Capacity Reported (In-place cy)	Lifetime Expectancy (Year)
<b>Region 2: Chicago Metropolitan</b>					
Countryside Landfill Inc.	1,349,386	415,196	371,346	1,516,739	4
Laraway Recycling and Disposal Facility	2,089,013	1,266,068	1,288,885	5,405,667	4
Prairie View Recycling and Disposal Facility	3,652,616	822,661	833,145	13,167,434	16
Zion Landfill	2,433,005	789,937	644,574	4,573,014	7
<b>Totals:</b>	<b>9,524,020</b>	<b>3,293,862</b>	<b>3,137,960</b>	<b>24,662,864</b>	<b>8</b>

The table reflects each landfill's reported capacity as of January 1, 2022, volume of waste disposed in 2021, five-year average of volume disposed, and projected life expectancy based on the current five-year average.

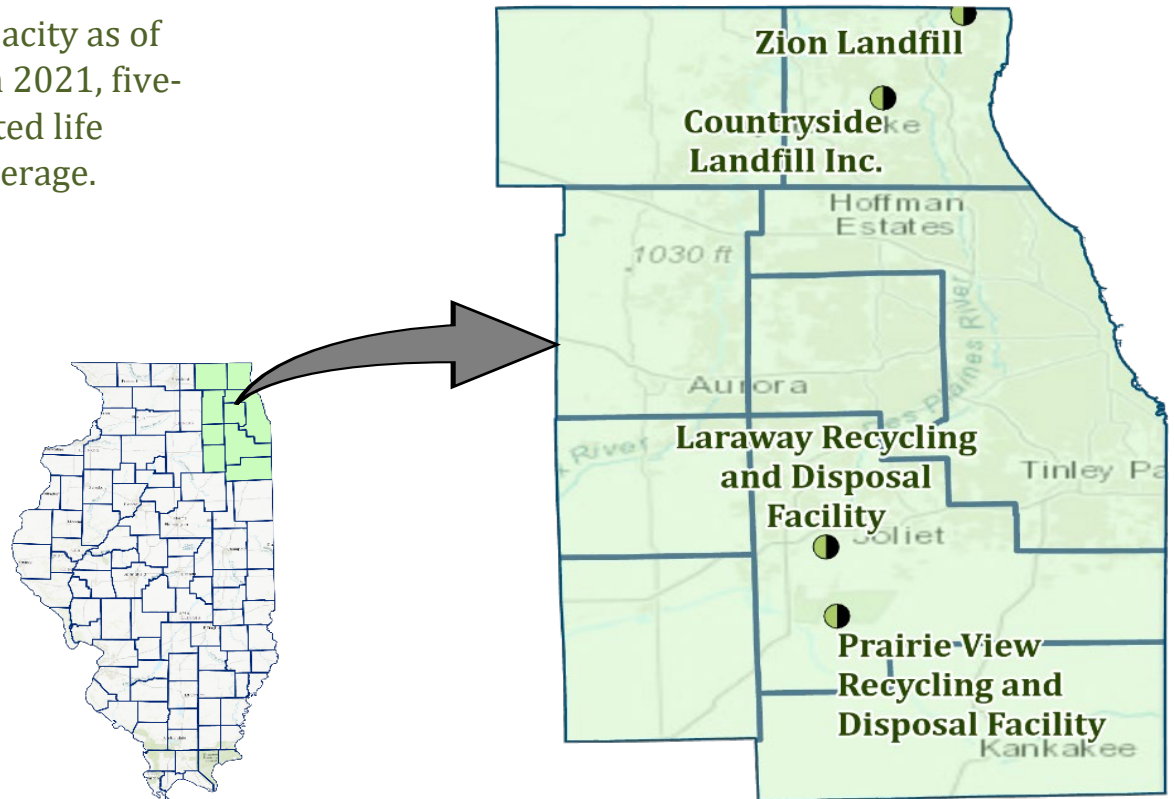
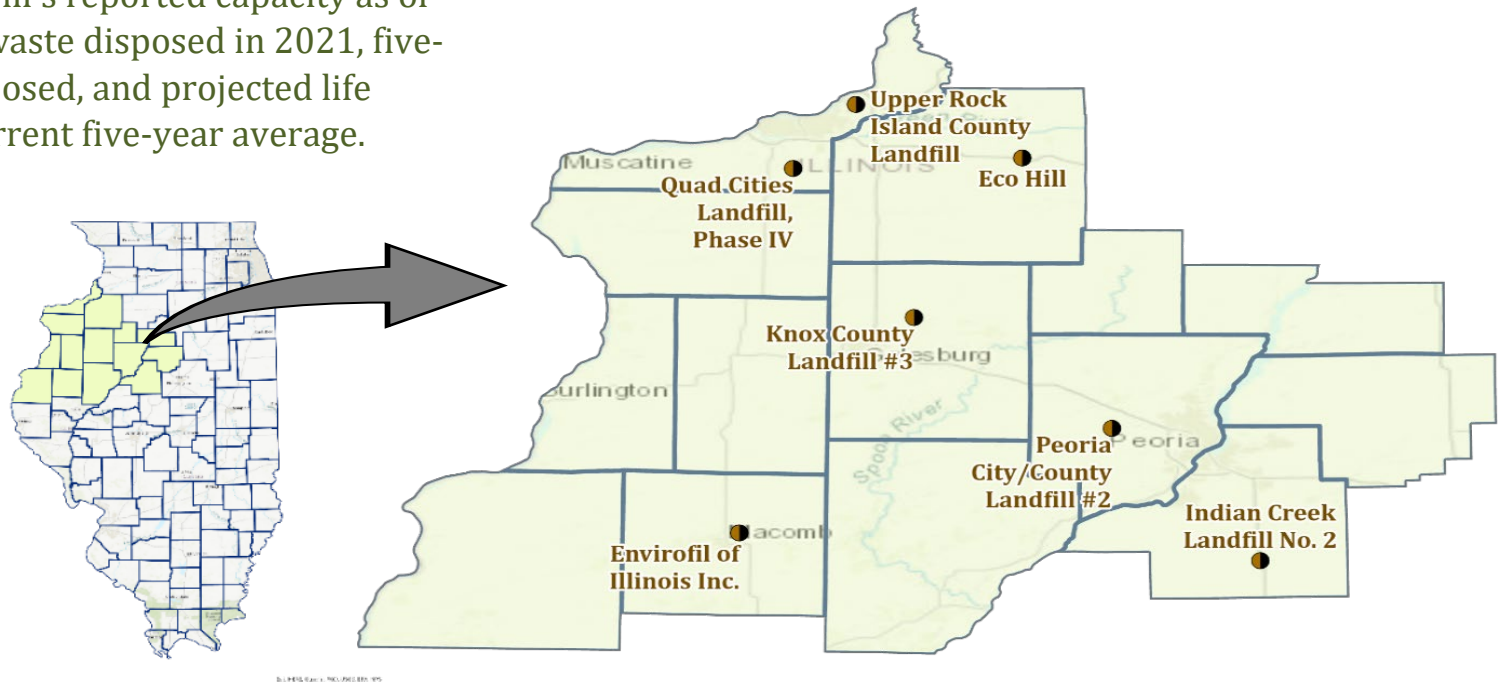


FIGURE 2-1: CHICAGO METROPOLITAN

# 2021 Landfill Capacity Information

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<b>Region 3: Peoria/Quad Cities</b>					
Eco Hill	1,006,958	1,213,202	766,687	10,531,798	14
Envirofil of Illinois Inc.	155,780	30,190	88,797	7,660,250	86
Indian Creek Landfill No. 2	1,223,080	474,062	413,130	12,073,553	29
Knox County Landfill #3	233,496	83,991	108,226	1,059,270	10
Peoria City/County Landfill #2	675,550	181,599	211,671	565,963	3
Quad Cities Landfill, Phase IV	1,561,105	410,817	399,282	15,325,715	38
Upper Rock Island County Landfill	797,437	227,839	276,847	3,742,240	14
<b>Totals:</b>	<b>5,653,406</b>	<b>2,621,701</b>	<b>2,264,641</b>	<b>50,958,788</b>	<b>23</b>

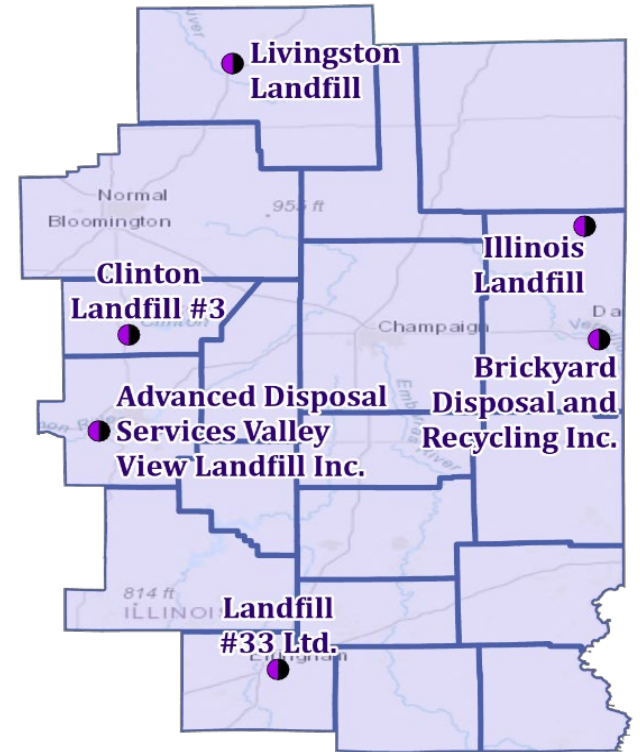
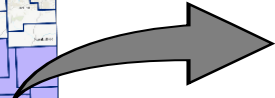
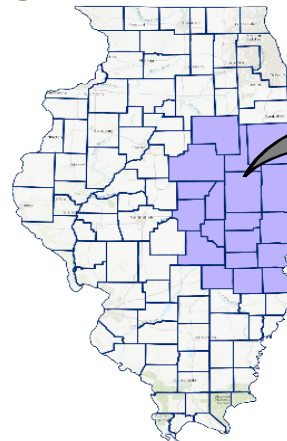
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<b>Region 4: East Central Illinois</b>					
Advanced Disposal Services Valley View Landfill Inc.	542,920	217,168	217,162	8,204,137	38
Brickyard Disposal and Recycling Inc.	672,317	305,599	305,928	5,647,702	18
Clinton Landfill #3	1,325,788	594,524	567,761	25,091,213	44
Illinois Landfill	218,825	109,413	64,638	12,232,780	189
Landfill #33 Ltd.	355,573	246,346	113,102	408,611	4
Livingston Landfill	2,544,189	908,639	1,043,473	27,377,230	26
<b>Totals:</b>	<b>5,659,612</b>	<b>2,381,688</b>	<b>2,312,064</b>	<b>78,961,672</b>	<b>34</b>

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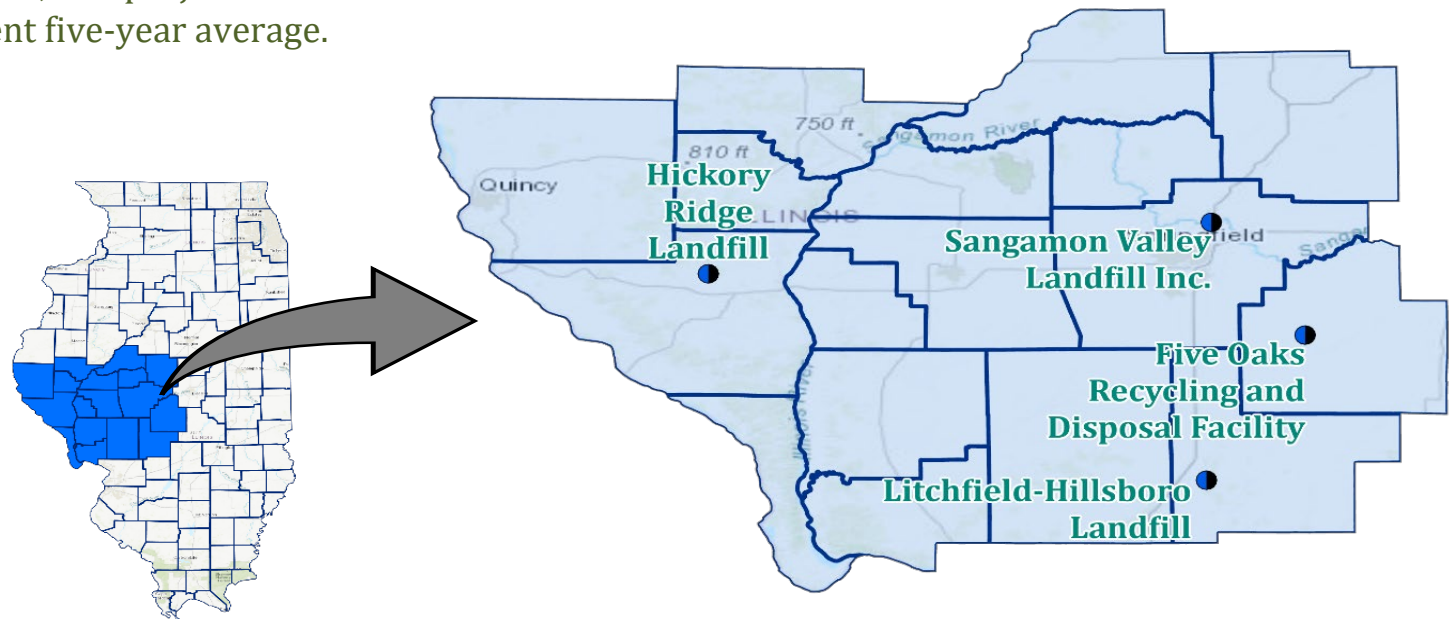




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<b>Region 5: West Central Illinois</b>					
Five Oaks Recycling and Disposal Facility	671,741	261,378	260,739	6,790,486	26
Hickory Ridge Landfill	663,544	215,436	175,707	10,621,381	60
Litchfield-Hillsboro Landfill	328,799	164,400	95,561	1,370,790	14
Sangamon Valley Landfill Inc.	484,680	193,872	163,388	2,154,903	13
<b>Totals:</b>	<b>2,148,764</b>	<b>835,085</b>	<b>695,395</b>	<b>20,937,559</b>	<b>30</b>

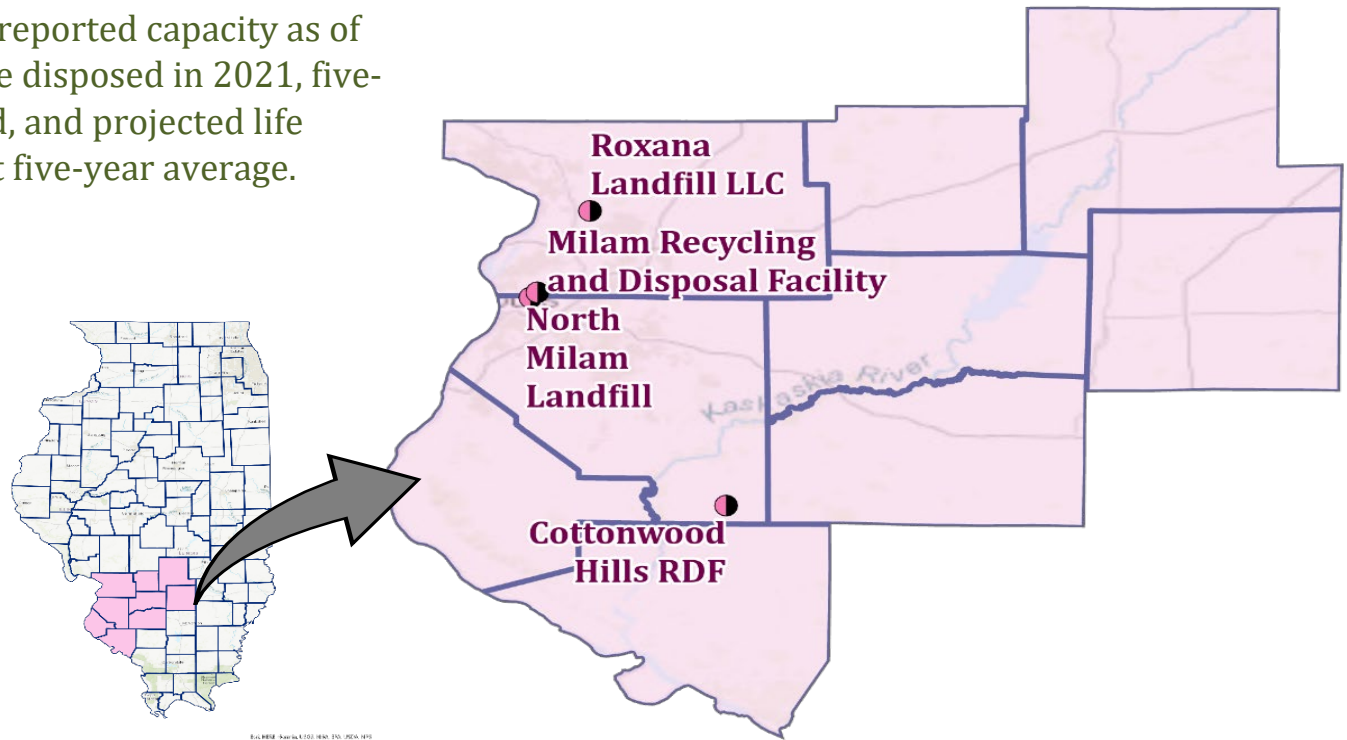
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<b>Region 6: St. Louis Metropolitan East</b>					
Cottonwood Hills RDF	987,863	329,288	337,940	27,914,312	83
Milam Recycling and Disposal Facility	0	0	120,375	284,500	2
North Milam Landfill	2,603,845	867,948	2,375,868	10,167,052	4
Roxana Landfill LLC	4,886,108	2,443,054	2,336,906	34,057,468	15
<b>Totals:</b>	<b>8,477,816</b>	<b>3,640,290</b>	<b>5,171,086</b>	<b>72,433,332</b>	<b>14</b>

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<b>Region 7: Southern Illinois</b>					
Perry Ridge Landfill Inc.	237,875	228,726	183,364	11,147,038	61
Southern Illinois Regional Landfill Inc.	1,080,051	432,020	436,069	17,693,371	41
Sumner Landfill Inc.	203,054	92,297	94,490	2,715,307	29
West End Disposal Facility	283,513	141,757	139,833	12,059,699	86
<b>Totals:</b>	<b>1,804,493</b>	<b>894,800</b>	<b>853,755</b>	<b>43,615,414</b>	<b>51</b>

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