

State of Illinois
JB Pritzker, Governor

Illinois Environmental Protection Agency
James Jennings, Interim Director



Illinois Landfill Disposal Capacity Report



July 2024

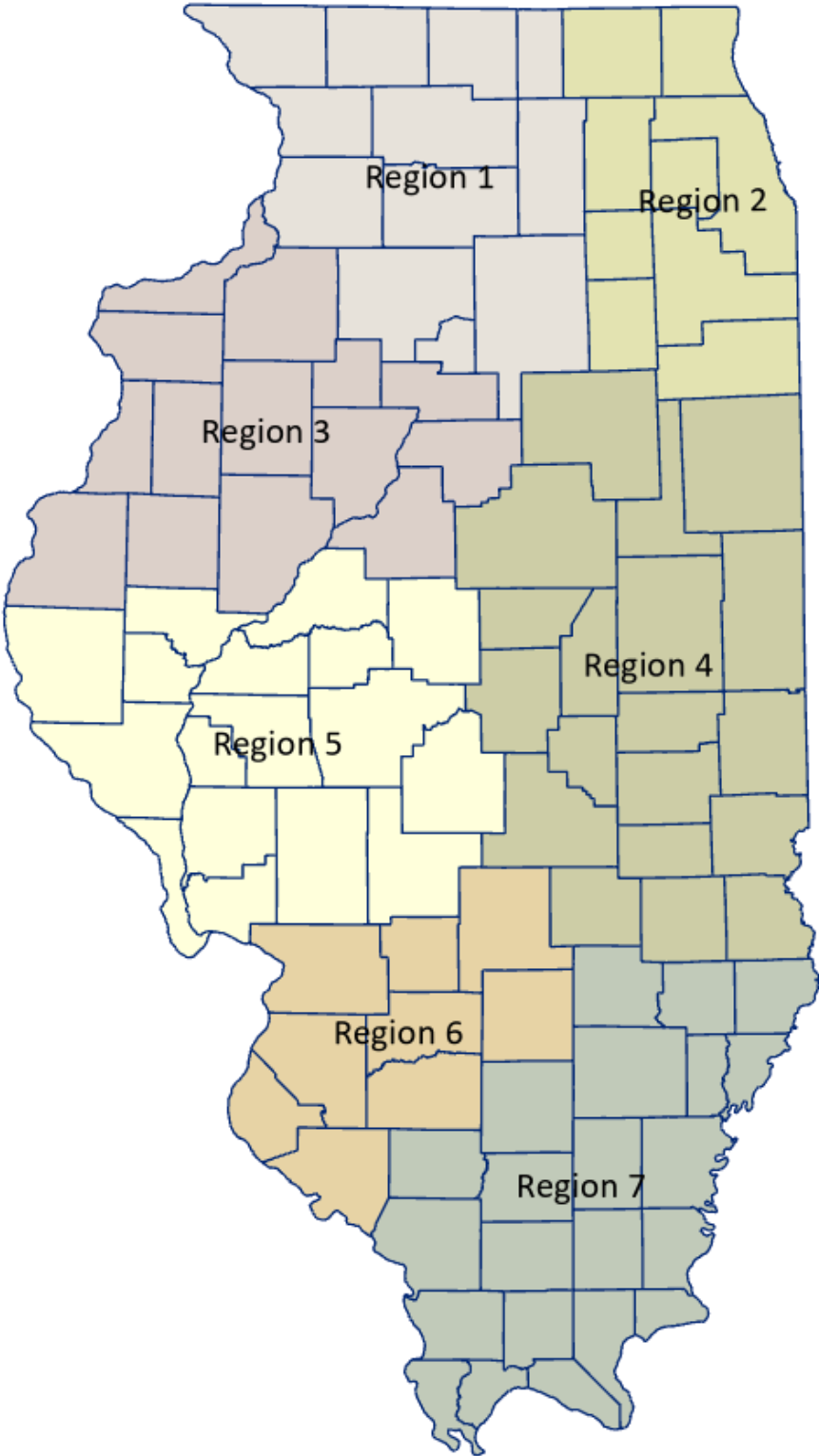
Introduction

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. Landfill Capacity Reports for 2017 and prior used historic permitting data when determining landfill life expectancy. Since 2018, these annual reports have used the in-place capacity, which is the landfill capacity after accepted waste has compacted. The in-place capacity is a more accurate reflection of existing conditions at each facility. 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 2023, Illinois' 36 permitted landfills, located within the seven regions below, reported receiving a total of 45,703,106 cubic yards of solid waste at the gate. This equates to 17,684,081 in-place cubic yards after compaction. These landfills have a remaining combined available disposal capacity of 372,580,952 in-place cubic yards. At the average in-place disposal rate over the past five years, these landfills have a cumulative life expectancy of approximately 32 years. However, cumulative landfill capacity and life expectancy may vary year-to-year based on several 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 below identifies this information on a regional basis.

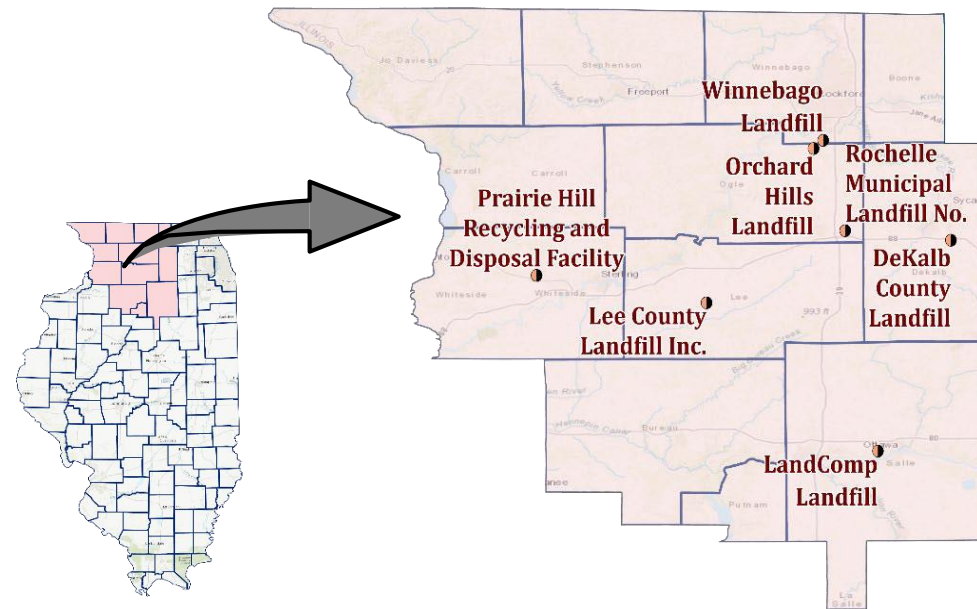
The regional life expectancy figures are intended only for informational purposes. The regional data do not necessarily reflect the maximum life expectancy of disposal services for a particular region, as geographic areas within one region may be served by one or more landfills in another region.

	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 (Years)
Region 1: Northwestern Illinois	10,911,519	5,408,163	6,285,414	124,342,146	36
Region 2: Chicago Metropolitan	9,763,412	3,428,447	3,288,476	38,840,365	9
Region 3: Peoria/Quad Cities	7,733,341	2,520,715	2,659,956	12,914,013	27
Region 4: East Central Illinois	5,501,241	2,060,234	2,261,742	71,708,843	50
Region 5: West Central Illinois	2,067,172	716,509	714,982	18,867,343	27
Region 6: St. Louis Metropolitan East	7,984,879	2,661,626	3,053,196	65,777,668	31
Region 7: Southern Illinois	1,741,542	888,386	889,909	40,130,574	46

2023 Landfill Capacity Information

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Region 1: Northwestern Illinois					
DeKalb County Landfill	2,577,878	920,671	886,624	21,879,968	25
LandComp Landfill	590,681	210,958	326,638	7,267,917	22
Lee County Landfill Inc.	886,755	443,378	398,823	27,583,014	69
Orchard Hills Landfill	1,786,967	527,129	1,206,197	8,942,759	7
Prairie Hill Recycling and Disposal Facility	446,401	175,059	291,692	16,044,249	55
Rochelle Municipal Landfill No. 3	177,469	106,909	123,827	8,089,641	65
Winnebago Landfill	4,445,368	3,024,060	3,051,613	34,534,599	11
Totals:	10,911,519	5,408,163	6,285,414	124,342,146	36

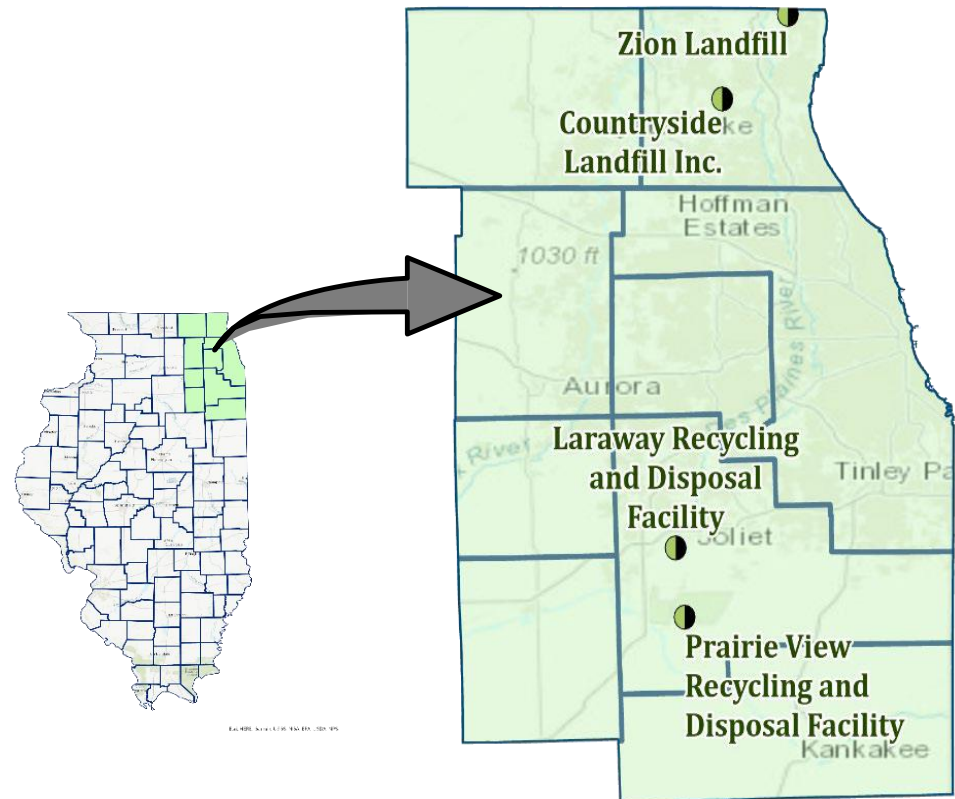
The table reflects each landfill's reported capacity as of January 1, 2024, as well as the volume of waste disposed in 2023, five-year average volume disposed, and projected life expectancy based on current five-year average.



2023 Landfill Capacity Information

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Region 2: Chicago Metropolitan					
Countryside Landfill Inc.	806,764	256,116	343,648	958,568	3
Laraway Recycling and Disposal Facility	2,054,547	1,245,180	1,274,067	24,513,914	19
Prairie View Recycling and Disposal Facility	3,456,844	934,282	871,119	10,754,869	12
Zion Landfill	3,445,257	992,869	799,642	2,613,015	3
Totals:	9,763,412	3,428,447	3,288,476	38,840,365	9

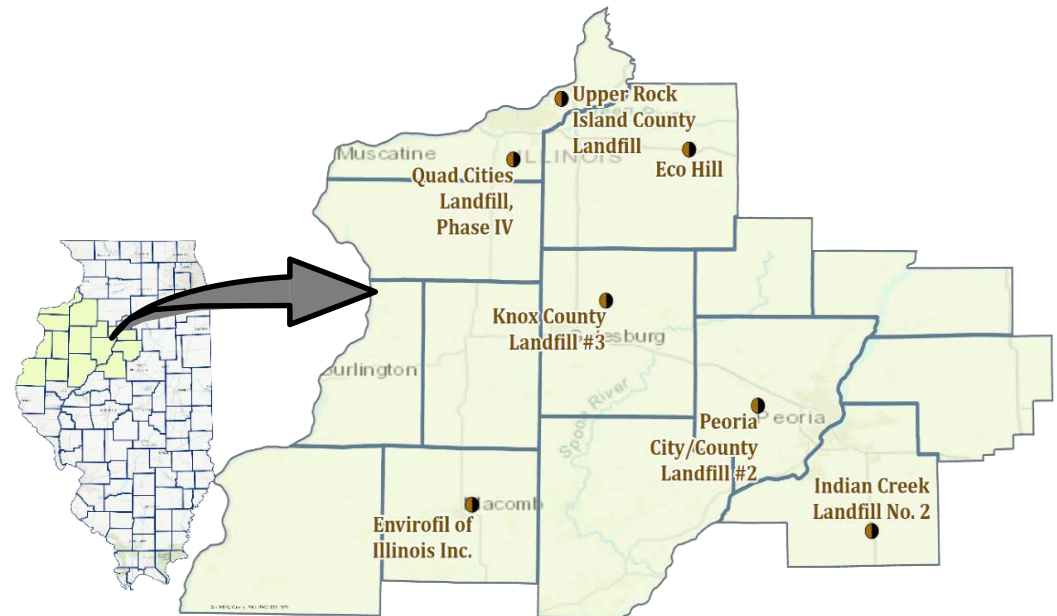
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Region 3: Peoria/Quad Cities					
Eco Hill	3,541,678	1,302,088	1,275,094	6,922,608	5
Envirofil of Illinois Inc.	155,411	62,919	81,855	7,533,274	92
Indian Creek Landfill No. 2	923,498	316,266	378,153	10,943,663	29
Knox County Landfill #3	73,804	82,004	91,355	556,419	6
Peoria City/County Landfill #2	785,195	206,630	192,899	144,639	1
Quad Cities Landfill, Phase IV	1,394,816	348,704	397,183	16,923,914	43
Upper Rock Island County Landfill	858,939	202,103	243,416	3,337,923	14
Totals:	7,733,341	2,520,715	2,659,956	12,914,013	27

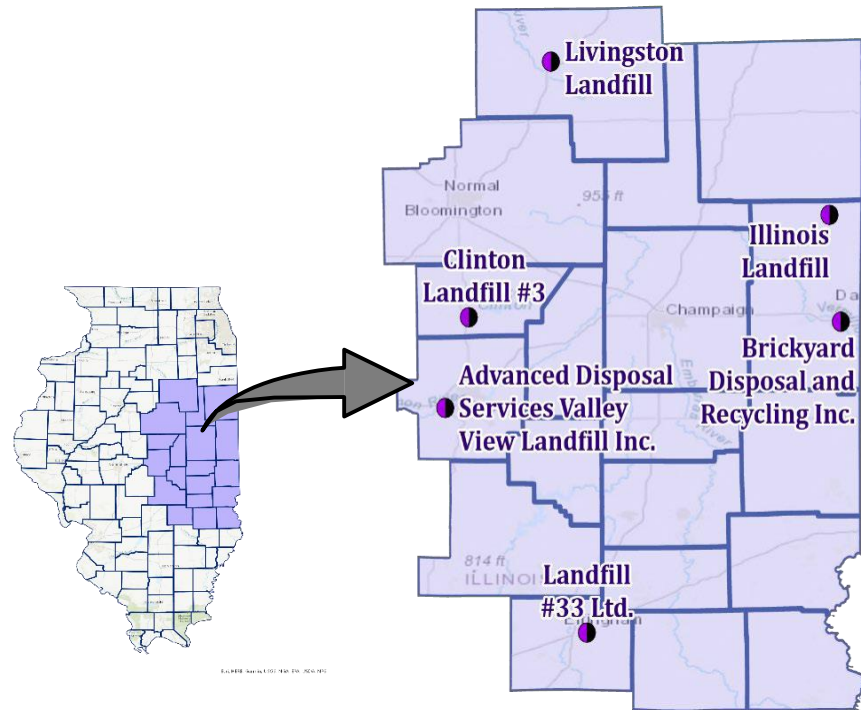
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Region 4: East Central Illinois					
Advanced Disposal Services Valley View Landfill Inc.	467,811	187,124	207,039	7,223,189	35
Brickyard Disposal and Recycling Inc.	663,839	301,745	314,264	5,864,904	19
Clinton Landfill #3	141,633	54,058	481,121	23,080,860	48
Illinois Landfill	101,652	50,826	65,410	11,069,307	169
Landfill #33 Ltd.	302,407	100,802	109,760	558,365	5
Livingston Landfill	3,823,899	1,365,678	1,084,146	23,912,219	22
Totals:	5,501,241	2,060,234	2,261,742	71,708,843	50

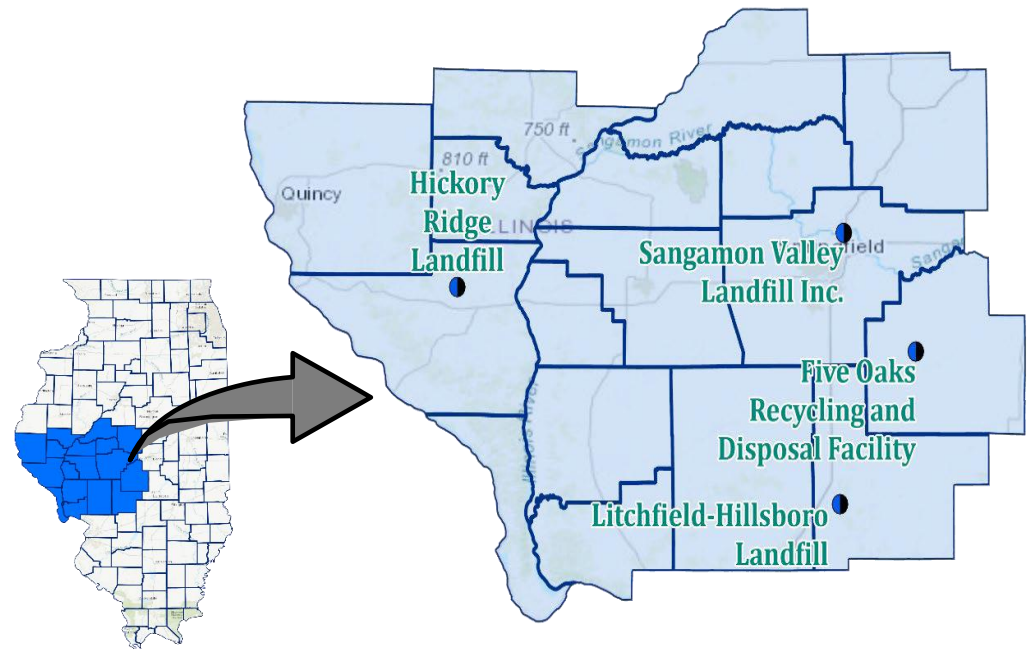
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Region 5: West Central Illinois					
Five Oaks Recycling and Disposal Facility	901,532	342,788	282,636	6,131,584	22
Hickory Ridge Landfill	425,697	127,074	155,564	9,956,606	64
Litchfield-Hillsboro Landfill	229,053	76,351	105,663	1,135,066	11
Sangamon Valley Landfill Inc.	510,890	170,297	171,119	1,644,087	10
Totals:	2,067,172	716,509	714,982	18,867,343	27

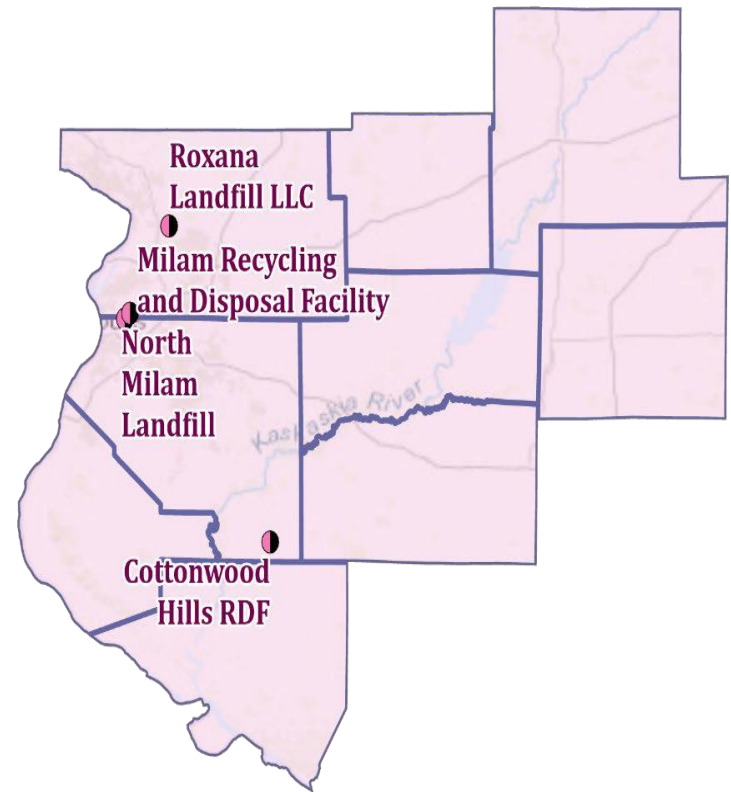
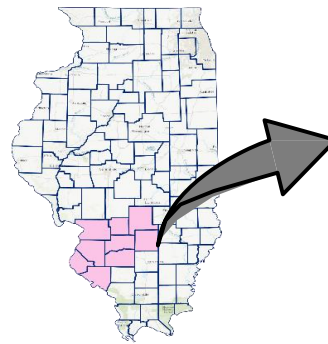
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Region 6: St. Louis Metropolitan East					
Cottonwood Hills RDF	1,200,405	400,135	355,542	26,279,703	74
Milam Recycling and Disposal Facility	99,606	33,202	14,991	369,847	25
North Milam Landfill	2,091,451	697,150	777,732	8,700,097	11
Roxana Landfill LLC	4,593,417	1,531,139	1,904,930	30,428,021	16
Totals:	7,984,879	2,661,626	3,053,196	65,777,668	31

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Region 7: Southern Illinois					
Perry Ridge Landfill Inc.	274,809	264,239	209,776	9,902,964	47
Southern Illinois Regional Landfill Inc.	999,883	399,953	439,994	17,078,298	39
Sumner Landfill Inc.	203,094	92,315	96,765	2,358,017	24
West End Disposal Facility	263,756	131,878	143,374	10,791,295	75
Totals:	1,741,542	888,386	889,909	40,130,574	46

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