SOLID WASTE MANAGEMENT PLAN UPDATE

For
Clark, Coles, Cumberland, Edgar, Moultire, and Shelby County
2023

Prepared by:

Coles County Regional Planning and Development Commission

Our vision:

A solid waste management system that cares — for people, the planet, and our future. We strive for reduced landfill waste, higher recycling rates, and community involvement. Our goal is clear: a waste-free, resilient tomorrow.

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Solid Waste Advisory Committee

Guiding Sustainable Solutions for Our Counties' Future

Acknowledging the significance of efficient management of solid waste in ensuring the ecological and societal health of our localities, we proudly establish the Advisory Committee for Solid Waste Management. Comprising a diverse and knowledgeable group of individuals, this committee is entrusted with providing insights, expertise, and recommendations to shape and enhance our comprehensive solid waste management plan for the six counties.

Committee Members:

Kelly Lockhart - Coles County Regional Planning

Allison Hudson - Coles County Regional Planning

Jonathon Kaye - Cumberland County

Gloria Spear - Coles County Health Department

Jeff Lahr - Coles County Health Department

Ryan Strange - Premier Disposal

Jessi Millage – Premier Disposal

Gail Mason - EIU/Coles County Board

Robert Spencer - Pleasant Grove Township

Ronald Hungler - Morgan Township

Drexal Roberts - Morgan Township

Jacob Johnson - Village of Ashmore

Mission and Purpose

The primary mission of the Advisory Committee for Solid Waste Management is to serve as a collaborative forum where stakeholders from various sectors can come together to advise, guide, and foster sustainable solutions for managing the waste generated within our counties. The committee's purpose is to ensure that the solid waste management plan is not only aligned with local, state, and federal regulations but also reflects the unique needs and aspirations of our communities. By leveraging the collective wisdom and experience of its members, the committee aims to chart a course towards a cleaner, healthier, and more environmentally responsible future.

Executive Summary

The Illinois Solid Waste Planning and Recycling Act (SWPRA), enacted in 1988, mandates all Illinois counties to develop comprehensive plans for the effective management of solid waste generated within their respective borders. These plans are required to undergo updates every five years, ensuring they remain aligned with current waste generation patterns and management practices. The periodic reviews serve to assess the implementation status of plan recommendations, providing an opportunity to identify areas for improvement or modification based on evolving conditions. This legislative framework reflects the commitment to responsible waste management and continual adaptation to contemporary environmental challenges.

In alignment with these statutory requirements, Coles County Regional Planning has undertaken a collaborative effort, engaging with Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby Counties. This united approach allows us to holistically evaluate our existing waste disposal circumstances and strategically outline fresh objectives and proposals tailored to the specific needs of our region.

The objective of this joint effort is to surpass conventional waste management practices and embrace a forward-looking strategy that tackles the challenges and possibilities that lie ahead. By leveraging the combined expertise of our partner counties, we are equipped to formulate a comprehensive plan that fulfills regulatory mandates and aligns with the overarching vision of sustainable waste management. Through meticulous analysis, consultations with stakeholders, and data-driven evaluations, we aim to establish a thorough plan that remains adaptable to evolving situations while generating positive outcomes for our environment, economy, and communities.

Coles County Regional Planning is dedicated to maintaining a robust solid waste management program through collaboration with the Solid Waste Management Departments across all six counties. This commitment aims to benefit residents by offering programs and services that address their needs, aligning with the mission of each county

The past five years have presented challenges for recycling and waste management in the six-county region, reflecting broader national trends. Global and national shifts in recycling markets have led to significant price increases for domestic recycling programs. Factors such as rising fuel costs, economic challenges, and the impact of the COVID-19 Pandemic have prompted many programs to scale back or close. Despite these difficulties, there are signs of improvement as the waste and recycling industry gradually adapts to changes, recycling markets show signs of recovery, and locally, we strive to maintain services to the best of our ability.

Background

The Illinois Solid Waste Planning and Recycling Act (SWPRA) (415 ISCS 15/1 et seq.) mandates that each county in Illinois develops, adopts, and implements comprehensive plans for managing solid waste generated within its borders. The goal of the SWPRA is to reduce municipal waste generation and promote recycling, reuse, waste reduction, and composting.

County plans, as required by SWPRA, must include the following:

1. A needs assessment determining waste generation rates, composition, and disposal or management practices.
2. Proposed programs/alternatives for managing municipal waste over a 20-year planning period.
3. Economic analysis of proposed alternatives.
4. Public involvement through the formation of a 'Citizen's Advisory Committee' (CAC).
5. Inclusion of a recycling program targeting 15% and 25% of municipal waste within 3 and 5 years of plan adoption.

Additionally, the SWPRA establishes a waste management hierarchy, emphasizing:

- volume reduction at the source;
- recycling and reuse;
- combustion with energy recovery;
- combustion for volume reduction; and
- disposal in landfill facilities.

The SWPRA requires periodic reviews and updates every five years. The Coles County Regional Planning & Development Commission (CCRPDC) oversees the implementation of the Six-County Solid Waste Management Plan, originally adopted in 1996 by Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby Counties. This plan consists of two volumes: Volume I, analyzing waste management alternatives, and Volume II, containing the adopted recommendations.

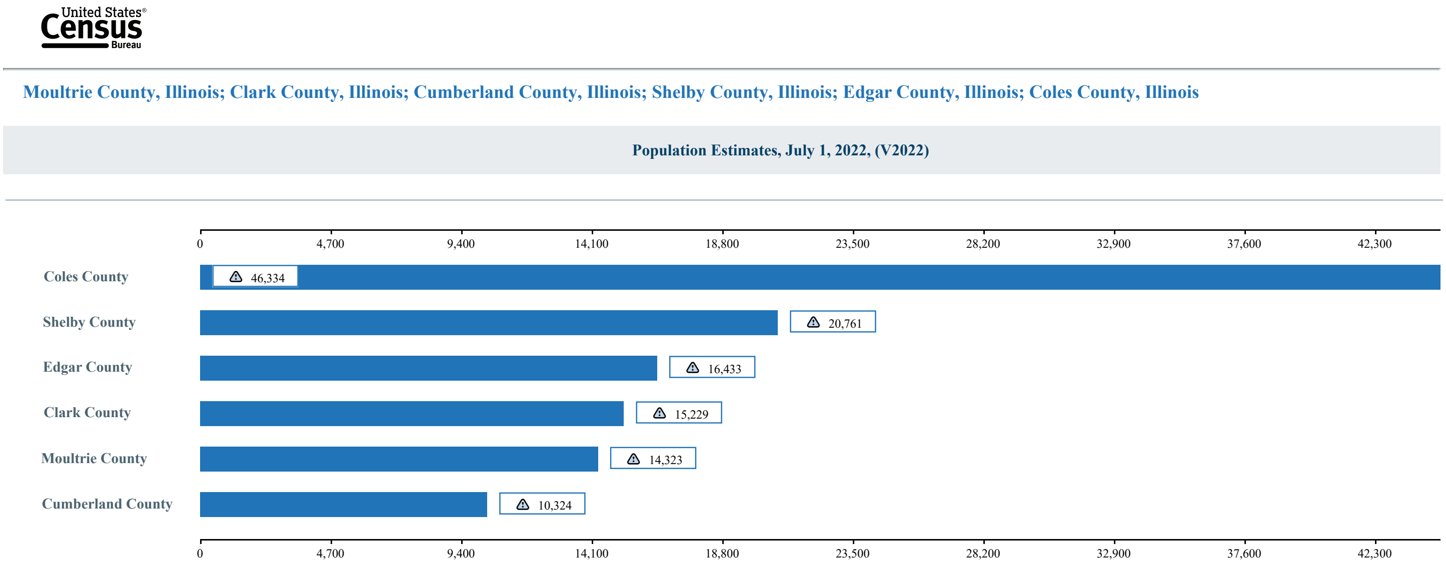
The 2023 Plan Update, managed by CCRPDC, replaces the 2017 Update, aligning with SWPRA requirements. A Citizen's Advisory Committee (CAC), formed with individuals from various backgrounds, including solid waste planning, local government, waste hauling companies, landfill operators, and other interested parties, played a crucial role in shaping this revision. Public meetings were conducted to gather input, and both oral and written comments were considered in developing the updated plan.

This revision maintains the general components of the waste management system, focusing on waste minimization (including source reduction, toxicity reduction, recycling, reuse, composting, and landscape waste management) and final disposal for the portion of the waste stream that cannot be reduced or recycled. Specific recommendations are detailed in this updated plan.

County Overview and Population Estimates

In the following section, we provide a brief overview of six prominent counties situated within the state of Illinois — Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby. Each county exhibits a distinctive blend of history, culture, and natural beauty, contributing to the diverse tapestry of the state. Our objective is to provide an insightful background on the unique attributes, economic foundations, and vibrant communities that define the essence of each county. These counties collectively contribute to the rich tapestry of Illinois, each with its unique history, culture, and economic strengths.

In examining the demographic landscape of six-county region, the following presents the population estimates from July 1, 2022, as provided by the US Census Bureau. This information serves as a crucial lens through which we gain insight into the dynamic and evolving communities within these regions. Understanding the population trends becomes fundamental to tailoring sustainable waste solutions that align with the unique needs and growth patterns of each area. These estimates not only offer a perspective of the current population but also lay the groundwork for anticipating future challenges and opportunities in solid waste management.



Source: U.S. Census Bureau QuickFacts. (2023). Population estimates, July 1, 2022, (V2022). U.S. Census Bureau. https://www.census.gov/quickfacts

Clark County

- Located in southeastern Illinois, Clark County was established on March 22, 1819.
- The county seat is Marshall, a city with a rich history and a vibrant community.
- Known for its diverse landscape, Clark County features agricultural areas, forests, and lakes, making it a picturesque part of the state.
- The county is home to several parks and recreational areas, offering residents and visitors opportunities for outdoor activities.

Key Facts

Clark
Clark

KEY FACTS

15,078
Population

44.6
Median Age

2.3
Average Household Size

$68,202
Median Household Income

EDUCATION

6.2%
No High School Diploma

37.7%
High School Graduate

31.6%
Some College/ Associate's Degree

24.5%
Bachelor's/Grad/ Prof Degree

BUSINESS

596
Total Businesses

6,027
Total Employees

EMPLOYMENT

White Collar 51.0%

Blue Collar 32.8%

Services 16.1%

2.6%
Unemployment Rate

INCOME

$68,202
Median Household Income

$36,152
Per Capita Income

$191,876
Median Net Worth

2023 Households by income (Esri)

The largest group: $100,000 - $149,999 (21.8%)

The smallest group: $200,000+ (3.2%)

Indicator ▲	Value	Diff
<$15,000	6.8%	-2.8%
$15,000 - $24,999	8.3%	+1.4%
$25,000 - $34,999	6.0%	-1.0%
$35,000 - $49,999	15.1%	+4.7%
$50,000 - $74,999	17.4%	+1.3%
$75,000 - $99,999	15.7%	+2.8%
$100,000 - $149,999	21.8%	+4.3%
$150,000 - $199,999	5.7%	-3.1%
$200,000+	3.2%	-7.6%

Bars show deviation from Illinois

Source: This infographic contains data provided by Esri, Esri-Data Axle. The vintage of the data is 2023, 2028. © 2023 Esri

Coles County

- Established in 1830, Coles County is situated in east-central Illinois.
- The county seat is Charleston, a city with a blend of small-town charm and cultural amenities.
- Coles County is notable for being the home of Eastern Illinois University, a major educational institution in the region.
- The county boasts a mix of agricultural land, parks, and historical sites, contributing to its appeal as a place to live and visit.

Key Facts

Coles
Coles

KEY FACTS

45,614
Population

36.8
Median Age

2.2
Average Household Size

$50,626
Median Household Income

EDUCATION

7.2%
No High School Diploma

32.9%
High School Graduate

32.7%
Some College/ Associate's Degree

27.2%
Bachelor's/Grad/ Prof Degree

BUSINESS

2,163
Total Businesses

26,692
Total Employees

EMPLOYMENT

54.3%
White Collar

26.0%
Blue Collar

19.8%
Services

5.4%
Unemployment Rate

INCOME

$50,626
Median Household Income

$30,702
Per Capita Income

$89,607
Median Net Worth

2023 Households by income (Esri)

The largest group: $50,000 - $74,999 (17.9%)

The smallest group: $200,000+ (3.2%)

Indicator ▲	Value	Diff
<$15,000	14.3%	+4.7%
$15,000 - $24,999	9.7%	+2.8%
$25,000 - $34,999	10.8%	+3.8%
$35,000 - $49,999	14.5%	+4.1%
$50,000 - $74,999	17.9%	+1.8%
$75,000 - $99,999	11.5%	-1.4%
$100,000 - $149,999	13.4%	-4.1%
$150,000 - $199,999	4.7%	-4.1%
$200,000+	3.2%	-7.6%

Bars show deviation from Illinois

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Cumberland County

- Cumberland County, established in 1843, is located in east-central Illinois.
- The county seat is Toledo, a community with a rich agricultural heritage.
- Agriculture plays a significant role in the county's economy, with fertile soil supporting various crops.
- Cumberland County is characterized by its rural landscapes, and it offers a peaceful and close-knit community environment.

Key Facts

Cumberland
Cumberland

KEY FACTS

10,258
Population

42.7
Median Age

2.4
Average Household Size

$69,114
Median Household Income

EDUCATION

6.3%
No High School Diploma

39.5%
High School Graduate

34.0%
Some College/ Associate's Degree

20.2%
Bachelor's/Grad/ Prof Degree

BUSINESS

346
Total Businesses

2,669
Total Employees

EMPLOYMENT

47.1%
White Collar

37.5%
Blue Collar

15.4%
Services

1.2%
Unemployment Rate

INCOME

$69,114
Median Household Income

$34,622
Per Capita Income

$194,843
Median Net Worth

2023 Households by income (Esri)

The largest group: $75,000 - $99,999 (19.1%)

The smallest group: $200,000+ (2.7%)

Indicator ▲	Value	Diff
<$15,000	5.6%	-4.0%
$15,000 - $24,999	7.5%	+0.6%
$25,000 - $34,999	10.7%	+3.7%
$35,000 - $49,999	11.8%	+1.4%
$50,000 - $74,999	17.6%	+1.5%
$75,000 - $99,999	19.1%	+6.2%
$100,000 - $149,999	17.9%	+0.4%
$150,000 - $199,999	7.2%	-1.6%
$200,000+	2.7%	-8.1%

Bars show deviation from Illinois

Source: This infographic contains data provided by Esri, Esri-Data Axle. The vintage of the data is 2023, 2028. © 2023 Esri

Edgar County

- Edgar County, formed in 1823, is situated in east-central Illinois.
- Paris serves as the county seat and is known for its historic architecture and community events.
- The county is home to natural attractions like the Embarras River and Kickapoo State Recreation Area, providing recreational opportunities.
- Agriculture, manufacturing, and healthcare are among the key sectors contributing to Edgar County's economy.

Key Facts

Edgar
Edgar

KEY FACTS

16,262
Population

45.6
Median Age

2.3
Average Household Size

$53,118
Median Household Income

EDUCATION

10.8%
No High School Diploma

39.6%
High School Graduate

30.2%
Some College/ Associate's Degree

19.4%
Bachelor's/Grad/ Prof Degree

BUSINESS

613
Total Businesses

7,802
Total Employees

EMPLOYMENT

47.3%
White Collar

36.6%
Blue Collar

16.1%
Services

3.8%
Unemployment Rate

INCOME

$53,118
Median Household Income

$30,933
Per Capita Income

$156,520
Median Net Worth

2023 Households by income (Esri)

The largest group: $35,000 - $49,999 (17.7%)
The smallest group: $200,000+ (1.9%)

Indicator ▲	Value	Diff
<$15,000	11.5%	+1.9%
$15,000 - $24,999	7.7%	+0.8%
$25,000 - $34,999	10.0%	+3.0%
$35,000 - $49,999	17.7%	+7.3%
$50,000 - $74,999	17.3%	+1.2%
$75,000 - $99,999	14.9%	+2.0%
$100,000 - $149,999	14.6%	-2.9%
$150,000 - $199,999	4.3%	-4.5%
$200,000+	1.9%	-8.9%

Bars show deviation from Illinois

Moultrie County

- Moultrie County, established in 1843, is located in central Illinois.
- The county seat is Sullivan, a town known for its friendly atmosphere and community events.
- Agriculture, including corn and soybean production, is a vital part of Moultrie County's economy.
- The county offers a mix of rural landscapes and small-town charm, making it an attractive place for residents seeking a peaceful lifestyle.

Key Facts

Moultrie
Moultrie

KEY FACTS

14,355
Population

41.8
Median Age

2.5
Average Household Size

$68,393
Median Household Income

EDUCATION

12.1%
No High School Diploma

34.1%
High School Graduate

32.6%
Some College/ Associate's Degree

21.2%
Bachelor's/Grad/ Prof Degree

BUSINESS

551
Total Businesses

5,466
Total Employees

EMPLOYMENT

50.7%
White Collar

38.2%
Blue Collar

11.2%
Services

3.3%
Unemployment Rate

INCOME

$68,393
Median Household Income

$34,629
Per Capita Income

$196,950
Median Net Worth

2023 Households by income (Esri)

The largest group: $50,000 - $74,999 (19.7%)

The smallest group: $200,000+ (4.1%)

Indicator ▲	Value	Diff
<$15,000	6.4%	-7.9%
$15,000 - $24,999	7.4%	-2.3%
$25,000 - $34,999	7.5%	-3.3%
$35,000 - $49,999	12.9%	-1.5%
$50,000 - $74,999	19.7%	+1.9%
$75,000 - $99,999	16.0%	+4.5%
$100,000 - $149,999	19.1%	+5.7%
$150,000 - $199,999	6.9%	+2.2%
$200,000+	4.1%	+0.9%

Bars show deviation from Coles County

Source: This infographic contains data provided by Esri, Esri-Data Axle. The vintage of the data is 2023, 2028. © 2023 Esri

Shelby County

- Established in 1827, Shelby County is situated in central Illinois.
- Shelbyville serves as the county seat and is known for its historic downtown area and recreational opportunities.
- Agriculture, manufacturing, and tourism are significant contributors to the county's economy.
- Lake Shelbyville, a reservoir in the county, is a popular destination for outdoor activities such as boating, fishing, and camping.

Key Facts

Shelby
Shelby

KEY FACTS

20,558
Population

45.4
Median Age

2.3
Average Household Size

$58,689
Median Household Income

EDUCATION

6.2%
No High School Diploma

43.6%
High School Graduate

31.9%
Some College/ Associate's Degree

18.4%
Bachelor's/Grad/ Prof Degree

BUSINESS

840
Total Businesses

7,986
Total Employees

EMPLOYMENT

49.4%
White Collar

29.9%
Blue Collar

20.7%
Services

2.6%
Unemployment Rate

INCOME

$58,689
Median Household Income

$32,454
Per Capita Income

$184,999
Median Net Worth

2023 Households by income (Esri)

The largest group: $50,000 - $74,999 (22.7%)

The smallest group: $200,000+ (2.5%)

Indicator ▲	Value	Diff
<$15,000	8.2%	-1.4%
$15,000 - $24,999	9.5%	+2.6%
$25,000 - $34,999	9.1%	+2.1%
$35,000 - $49,999	12.9%	+2.5%
$50,000 - $74,999	22.7%	+6.6%
$75,000 - $99,999	15.6%	+2.7%
$100,000 - $149,999	15.3%	-2.2%
$150,000 - $199,999	4.2%	-4.6%
$200,000+	2.5%	-8.3%

Bars show deviation from Illinois

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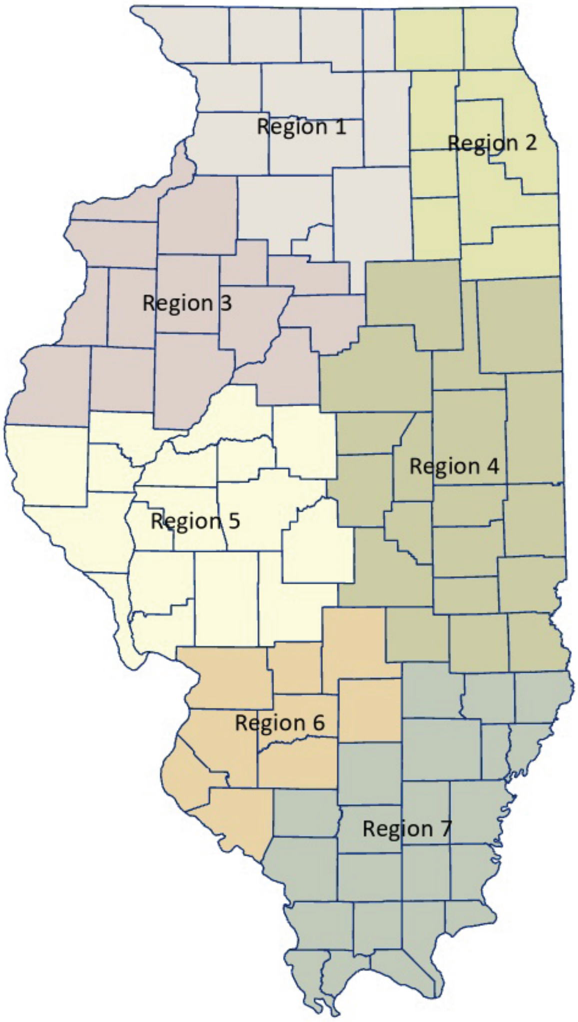
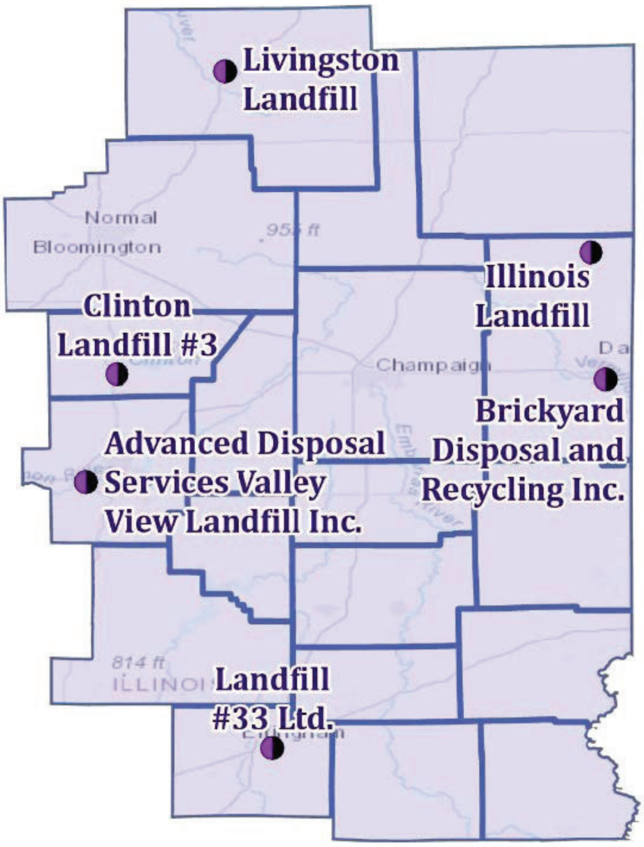
Landfill Capacity Information

The Illinois Environmental Protection Agency (Illinois) EPA categorizes the State into seven administrative regions to facilitate effective solid waste management planning and regulation. This regional framework provides a tailored approach to address waste management challenges based on factors such as population density, geography, and environmental considerations. In this comprehensive waste management plan, we focus on Region 4 - East Central Illinois, which encompasses 19 counties, including our six counties of Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby.

The provided table delineates this data on a regional scale. It is important to note that the regional life expectancy figures are provided solely for informational purposes. These figures should not be interpreted as indicative of the maximum life expectancy of landfills serving those areas, as many landfills cater to multiple regions within the state.





Region 4 Landfills

Source: Illinois Landfill Disposal Capacity Report, 2023. Illinois Environmental Protection Agency

The table reflects each landfill's reported capacity in Region 4 as of January 1, 2023, volume of waste disposed in 2022, five-year average of volume disposed, and projected life expectancy based on the current five-year average. This data was sourced from the Illinois Landfill Disposal Capacity Report, published in June 2023.

Region 4:
East Central Illinois

	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)
Advanced Disposal Services Valley View Landfill	460,408	184,163	212,263	6,510,227	31
Brickyard Disposal and Recycling Inc.	742,110	337,323	314,517	5,523,452	18
Clinton Landfill #3	1,635,347	621,805	589,111	21,987,441	37
Illinois Landfill	116,017	58,009	65,644	9,593,668	146
Landfill #33 Ltd.	306,613	102,204	110,874	86,459	1
Livingston Landfill	3,461,034	1,236,084	1,044,589	22,374,106	21
	6,721,529	**2,539,587**	**2,336,998**	**66,075,353**	**26**

Source: Illinois Landfill Disposal Capacity Report, 2023. Illinois Environmental Protection Agency

Waste Composition and Generation

As the population grows and consumerism expands, the effective management of waste becomes essential to ensure the well-being of both our communities and the ecosystems we inhabit. By integrating data from the Illinois Commodity/Waste Generation and Characterization Study Update dated March 30, 2015, we get a detailed insight into the waste landscape in Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby counties.

Clark County (2015)

Clark County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)		County Generation (lb/c/yr)	Total Generation (tons)
Paper	***515.9***	***4,180***	***Metal***		
Newsprint	32.1	260	Other Ferrous	51.8	420
High Grade Office Paper	30.9	250	Other Non-Ferrous	8.6	70
Magazines/Catalogs	32.1	260	Other Metal	16.0	130
Uncoated OCC/Kraft	228.3	1,850			
Boxboard	54.3	440	***Organics***	***576.4***	***4,670***
Mixed Paper - Recyclable	53.1	430	Yard Waste - Compostable	117.2	950
Compostable Paper	72.8	590	Yard Waste - Woody	23.4	190
Other Paper	12.3	100	Food Scraps	311.0	2,520
			Bottom Fines & Dirt	45.7	370
Beverage Containers	***4.9***	***40***	Diapers	37.0	300
Milk & Juice Cartons/Boxes - Coated	4.9	40	Other Organic	42.0	340
Plastic	***307.3***	***2,490***	***Inorganics***	***176.5***	***1,430***
#1 PET Bottles/Jars	21.0	170	Televisions	4.9	40
#1 Other PET Containers	6.2	50	Computer Monitors	3.7	30
#2 HDPE Bottles/Jars - Clear	11.1	90	Computer Equipment/Peripherals	7.4	60
#2 HDPE Bottles/Jars - Color	9.9	80	Electronic Equipment	14.8	120
#2 Other HDPE Containers	1.2	10	White Goods - Refrigerated	9.9	80
#6 Exp. Polystyrene Packaging	18.5	150	White Goods - Not refrigerated	23.4	190
#3-#7 Other - All	12.3	100	Lead-acid Batteries	18.5	150
Other Rigid Plastic Products	58.0	470	Other Household Batteries	4.9	40
Grocery & Merchandise Bags	12.3	100	Tires	25.9	210
Trash Bags	33.3	270	Household Bulky Items	62.9	510
Commercial & Industrial Film	33.3	270	Fluorescent Lights/Ballasts	<0.1	<1
Other Film	59.2	480			
Other Plastic	30.9	250	***Textiles***	***102.4***	***830***
			Carpet	24.7	200
Glass	***85.2***	***690***	Carpet Padding	6.2	50
Recyclable Glass Bottles & Jars	67.9	550	Clothing	45.7	370
Flat Glass	9.9	80	Other Textiles	25.9	210
Other Glass	7.4	60			
			Household Hazardous Waste	***25.9***	***210***
Metal	***122.2***	***990***			
Aluminum Beverage Containers	14.8	120	***Construction and Demolition Debris (C&D)***	***466.5***	***3,780***
Other Aluminum	8.6	70			
Ferrous Containers (Tin Cans)	22.2	180	***Total MSW (tons)***		***19,310***
			Total MSW (pounds/person/day)		***6.53***
2014 population	16,205				

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Coles County (2015)

Coles County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)		County Generation (lb/c/yr)	Total Generation (tons)
Paper	***669.1***	***17,990***	***Metal***		
Newsprint	40.2	1,080	Other Ferrous	51.3	1,380
High Grade Office Paper	46.5	1,250	Other Non-Ferrous	8.9	240
Magazines/Catalogs	29.4	790	Other Metal	16.0	430
Uncoated OCC/Kraft	360.0	9,680			
Boxboard	54.7	1,470	***Organics***	***555.3***	***14,930***
Mixed Paper - Recyclable	53.2	1,430	Yard Waste - Compostable	117.5	3,160
Compostable Paper	72.9	1,960	Yard Waste - Woody	23.1	620
Other Paper	12.3	330	Food Scraps	290.1	7,800
			Bottom Fines & Dirt	45.4	1,220
Beverage Containers	***4.1***	***110***	Diapers	37.2	1,000
Milk & Juice Cartons/Boxes - Coated	4.1	110	Other Organic	42.0	1,130
Plastic	***277.1***	***7,450***	***Inorganics***	***175.5***	***4,720***
#1 PET Bottles/Jars	16.4	440	Televisions	5.2	140
#1 Other PET Containers	4.5	120	Computer Monitors	3.3	90
#2 HDPE Bottles/Jars - Clear	8.2	220	Computer Equipment/Peripherals	7.1	190
#2 HDPE Bottles/Jars - Color	7.8	210	Electronic Equipment	14.5	390
#2 Other HDPE Containers	0.4	10	White Goods - Refrigerated	10.4	280
#6 Exp. Polystyrene Packaging	18.6	500	White Goods - Not refrigerated	23.1	620
#3-#7 Other - All	13.4	360	Lead-acid Batteries	18.2	490
Other Rigid Plastic Products	58.0	1,560	Other Household Batteries	4.5	120
Grocery & Merchandise Bags	8.9	240	Tires	25.7	690
Trash Bags	33.5	900	Household Bulky Items	63.2	1,700
Commercial & Industrial Film	25.3	680	Fluorescent Lights/Ballasts	0.4	10
Other Film	58.8	1,580			
Other Plastic	23.4	630	***Textiles***	***85.9***	***2,310***
			Carpet	24.5	660
Glass	***85.9***	***2,310***	Carpet Padding	6.7	180
Recyclable Glass Bottles & Jars	68.1	1,830	Clothing	34.6	930
Flat Glass	10.0	270	Other Textiles	20.1	540
Other Glass	7.8	210			
			Household Hazardous Waste	***26.8***	***720***
Metal	***122.7***	***3,300***			
Aluminum Beverage Containers	15.2	410	***Construction and Demolition Debris (C&D)***	***454.1***	***12,210***
Other Aluminum	8.6	230			
Ferrous Containers (Tin Cans)	22.7	610	***Total MSW (tons)***		***66,050***
			Total MSW (pounds/person/day)		***6.73***
2014 population	53,774				

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Cumberland County (2015)

Cumberland County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)
Paper	***495.4***	***2,780***
Newsprint	53.5	300
High Grade Office Paper	23.2	130
Magazines/Catalogs	42.8	240
Uncoated OCC/Kraft	181.8	1,020
Boxboard	55.2	310
Mixed Paper - Recyclable	53.5	300
Compostable Paper	73.1	410
Other Paper	12.5	70
Beverage Containers	***5.3***	***30***
Milk & Juice Cartons/Boxes - Coated	5.3	30
Plastic	***295.8***	***1,660***
#1 PET Bottles/Jars	19.6	110
#1 Other PET Containers	5.3	30
#2 HDPE Bottles/Jars - Clear	8.9	50
#2 HDPE Bottles/Jars - Color	8.9	50
#2 Other HDPE Containers	<1	<5
#6 Exp. Polystyrene Packaging	17.8	100
#3-#7 Other - All	14.3	80
Other Rigid Plastic Products	58.8	330
Grocery & Merchandise Bags	10.7	60
Trash Bags	33.9	190
Commercial & Industrial Film	30.3	170
Other Film	58.8	330
Other Plastic	28.5	160
Glass	***85.5***	***480***
Recyclable Glass Bottles & Jars	67.7	380
Flat Glass	10.7	60
Other Glass	7.1	40
Metal	***124.7***	***700***
Aluminum Beverage Containers	16.0	90
Other Aluminum	8.9	50
Ferrous Containers (Tin Cans)	23.2	130

	County Generation (lb/c/yr)	Total Generation (tons)
Metal		
Other Ferrous	51.7	290
Other Non-Ferrous	8.9	50
Other Metal	16.0	90
Organics	***563.1***	***3,160***
Yard Waste - Compostable	117.6	660
Yard Waste - Woody	23.2	130
Food Scraps	297.6	1,670
Bottom Fines & Dirt	44.5	250
Diapers	37.4	210
Other Organic	42.8	240
Inorganics	***172.8***	***970***
Televisions	5.3	30
Computer Monitors	3.6	20
Computer Equipment/Peripherals	7.1	40
Electronic Equipment	14.3	80
White Goods - Refrigerated	10.7	60
White Goods - Not refrigerated	23.2	130
Lead-acid Batteries	17.8	100
Other Household Batteries	3.6	20
Tires	24.9	140
Household Bulky Items	62.4	350
Fluorescent Lights/Ballasts	<0.1	<1
Textiles	***99.8***	***560***
Carpet	24.9	140
Carpet Padding	7.1	40
Clothing	42.8	240
Other Textiles	24.9	140
Household Hazardous Waste	***24.9***	***140***
Construction and Demolition Debris (C&D)	***463.3***	***2,600***
Total MSW (tons)		***13,080***
Total MSW (pounds/person/day)		***6.39***
2014 population	11,224	

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Edgar County (2015)

Edgar County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)		County Generation (lb/c/yr)	Total Generation (tons)
Paper	***591.6***	***5,450***	***Metal***		
Newsprint	64.0	590	Other Ferrous	51.0	470
High Grade Office Paper	40.2	370	Other Non-Ferrous	8.7	80
Magazines/Catalogs	31.5	290	Other Metal	16.3	150
Uncoated OCC/Kraft	263.8	2,430			
Boxboard	54.3	500	***Organics***	***569.9***	***5,250***
Mixed Paper - Recyclable	53.2	490	Yard Waste - Compostable	117.2	1,080
Compostable Paper	72.7	670	Yard Waste - Woody	22.8	210
Other Paper	11.9	110	Food Scraps	305.0	2,810
			Bottom Fines & Dirt	45.6	420
Beverage Containers	***5.4***	***50***	Diapers	36.9	340
Milk & Juice Cartons/Boxes - Coated	5.4	50	Other Organic	42.3	390
Plastic	***293.1***	***2,700***	***Inorganics***	***175.8***	***1,620***
#1 PET Bottles/Jars	19.5	180	Televisions	5.4	50
#1 Other PET Containers	5.4	50	Computer Monitors	3.3	30
#2 HDPE Bottles/Jars - Clear	9.8	90	Computer Equipment/Peripherals	7.6	70
#2 HDPE Bottles/Jars - Color	9.8	90	Electronic Equipment	14.1	130
#2 Other HDPE Containers	1.1	10	White Goods - Refrigerated	10.9	100
#6 Exp. Polystyrene Packaging	17.4	160	White Goods - Not refrigerated	22.8	210
#3-#7 Other - All	13.0	120	Lead-acid Batteries	18.5	170
Other Rigid Plastic Products	57.5	530	Other Household Batteries	4.3	40
Grocery & Merchandise Bags	10.9	100	Tires	26.1	240
Trash Bags	33.6	310	Household Bulky Items	63.0	580
Commercial & Industrial Film	29.3	270	Fluorescent Lights/Ballasts	<0.1	<1
Other Film	58.6	540			
Other Plastic	27.1	250	***Textiles***	***96.6***	***890***
			Carpet	25.0	230
Glass	***85.8***	***790***	Carpet Padding	6.5	60
Recyclable Glass Bottles & Jars	68.4	630	Clothing	41.2	380
Flat Glass	9.8	90	Other Textiles	23.9	220
Other Glass	7.6	70			
			Household Hazardous Waste	***27.1***	***250***
Metal	***122.7***	***1,130***			
Aluminum Beverage Containers	15.2	140	***Construction and Demolition Debris (C&D)***	***464.6***	***4,280***
Other Aluminum	8.7	80			
Ferrous Containers (Tin Cans)	22.8	210	***Total MSW (tons)***		***22,410***
			Total MSW (pounds/person/day)		***6.66***
2014 population	18,425				

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Moultrie County (2015)

Moultrie County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)
Paper	***516.2***	***3,890***
Newsprint	38.5	290
High Grade Office Paper	34.5	260
Magazines/Catalogs	30.5	230
Uncoated OCC/Kraft	220.3	1,660
Boxboard	54.4	410
Mixed Paper - Recyclable	53.1	400
Compostable Paper	73.0	550
Other Paper	11.9	90
Beverage Containers	***5.3***	***40***
Milk & Juice Cartons/Boxes - Coated	5.3	40
Plastic	***307.9***	***2,320***
#1 PET Bottles/Jars	19.9	150
#1 Other PET Containers	5.3	40
#2 HDPE Bottles/Jars - Clear	9.3	70
#2 HDPE Bottles/Jars - Color	9.3	70
#2 Other HDPE Containers	<1	<5
#6 Exp. Polystyrene Packaging	18.6	140
#3-#7 Other - All	13.3	100
Other Rigid Plastic Products	58.4	440
Grocery & Merchandise Bags	13.3	100
Trash Bags	33.2	250
Commercial & Industrial Film	35.8	270
Other Film	58.4	440
Other Plastic	33.2	250
Glass	***86.3***	***650***
Recyclable Glass Bottles & Jars	67.7	510
Flat Glass	10.6	80
Other Glass	8.0	60
Metal	***124.7***	***940***
Aluminum Beverage Containers	15.9	120
Other Aluminum	9.3	70
Ferrous Containers (Tin Cans)	22.6	170
Metal		
Other Ferrous	51.8	390
Other Non-Ferrous	9.3	70
Other Metal	15.9	120
Organics	***569.3***	***4,290***
Yard Waste - Compostable	116.8	880
Yard Waste - Woody	23.9	180
Food Scraps	303.9	2,290
Bottom Fines & Dirt	45.1	340
Diapers	37.2	280
Other Organic	42.5	320
Inorganics	***173.8***	***1,310***
Televisions	5.3	40
Computer Monitors	2.7	20
Computer Equipment/Peripherals	6.6	50
Electronic Equipment	14.6	110
White Goods - Refrigerated	10.6	80
White Goods - Not refrigerated	22.6	170
Lead-acid Batteries	18.6	140
Other Household Batteries	4.0	30
Tires	25.2	190
Household Bulky Items	63.7	480
Fluorescent Lights/Ballasts	<0.1	<1
Textiles	***107.5***	***810***
Carpet	23.9	180
Carpet Padding	6.6	50
Clothing	49.1	370
Other Textiles	27.9	210
Household Hazardous Waste	***23.9***	***180***
Construction and Demolition Debris (C&D)	***472.4***	***3,560***
Total MSW (tons)		***17,990***
Total MSW (pounds/person/day)		***6.54***
2014 population	15,071	

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Shelby County (2015)

Shelby County Municipal Solid Waste (MSW) Generation

	County Generation (lb/c/yr)	Total Generation (tons)		County Generation (lb/c/yr)	Total Generation (tons)
Paper	***457.9***	***5,130***	***Metal***		
Newsprint	35.7	400	Other Ferrous	50.9	570
High Grade Office Paper	24.1	270	Other Non-Ferrous	8.9	100
Magazines/Catalogs	29.5	330	Other Metal	16.1	180
Uncoated OCC/Kraft	175.0	1,960			
Boxboard	54.4	610	***Organics***	***568.6***	***6,370***
Mixed Paper - Recyclable	53.6	600	Yard Waste - Compostable	117.8	1,320
Compostable Paper	73.2	820	Yard Waste - Woody	23.2	260
Other Paper	12.5	140	Food Scraps	302.6	3,390
			Bottom Fines & Dirt	45.5	510
Beverage Containers	***5.4***	***60***	Diapers	37.5	420
Milk & Juice Cartons/Boxes - Coated	5.4	60	Other Organic	42.0	470
Plastic	***302.6***	***3,390***	***Inorganics***	***176.7***	***1,980***
#1 PET Bottles/Jars	19.6	220	Televisions	5.4	60
#1 Other PET Containers	5.4	60	Computer Monitors	3.6	40
#2 HDPE Bottles/Jars - Clear	9.8	110	Computer Equipment/Peripherals	7.1	80
#2 HDPE Bottles/Jars - Color	8.9	100	Electronic Equipment	14.3	160
#2 Other HDPE Containers	0.9	10	White Goods - Refrigerated	10.7	120
#6 Exp. Polystyrene Packaging	18.7	210	White Goods - Not refrigerated	23.2	260
#3-#7 Other - All	12.5	140	Lead-acid Batteries	17.9	200
Other Rigid Plastic Products	58.0	650	Other Household Batteries	4.5	50
Grocery & Merchandise Bags	11.6	130	Tires	25.9	290
Trash Bags	33.9	380	Household Bulky Items	63.4	710
Commercial & Industrial Film	33.0	370	Fluorescent Lights/Ballasts	0.9	10
Other Film	58.9	660			
Other Plastic	31.2	350	***Textiles***	***102.7***	***1,150***
			Carpet	24.1	270
Glass	***85.7***	***960***	Carpet Padding	6.2	70
Recyclable Glass Bottles & Jars	67.8	760	Clothing	45.5	510
Flat Glass	9.8	110	Other Textiles	26.8	300
Other Glass	8.0	90			
			Household Hazardous Waste	***27.7***	***310***
Metal	***123.2***	***1,380***			
Aluminum Beverage Containers	15.2	170	***Construction and Demolition Debris (C&D)***	***466.8***	***5,230***
Other Aluminum	8.9	100			
Ferrous Containers (Tin Cans)	23.2	260	***Total MSW (tons)***		***25,960***
			Total MSW (pounds/person/day)		***6.35***
2014 population	22,406				

Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

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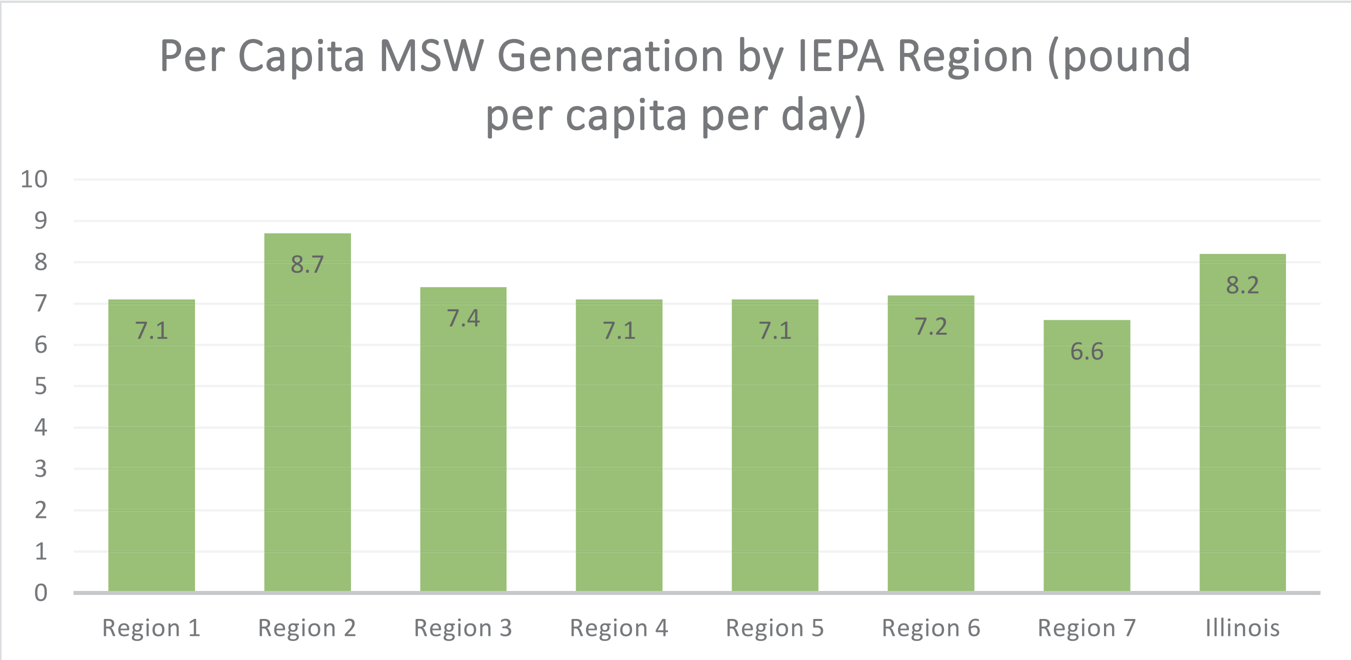
Waste Generation Assessment

As of 2014, the estimated rate of municipal solid waste (MSW) generation in IEPA Region 4 is 7.1 pounds per capita per day, as depicted in the following figure.



Source: Illinois Commodity/Waste Generation and Characterization Study Update, March 30, 2015, p. 2, https://www.illinoisrecycles.org/wp-content/uploads/2014/10/2015-Waste-Characterization-Update-FINAL.pdf.

Standard Waste Diversion and Waste Generation Reporting Metrics

As stipulated by the Solid Waste Planning and Recycling Act, the objective for each County Recycling Program is to establish a recycling infrastructure capable of recycling 25% of the solid municipal waste generated within its boundaries.

Reporting metrics for Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby counties are sourced from the Illinois Solid Waste Disposal and Recycling Model, published by the Illinois Recycling Association (IRA) in 2017. Accessible online at the IRA website (https://illinoisrecycles.org/documents), this model provides estimates of tons disposed and recycled for 54 material categories. Users can choose to analyze the Residential, the Industrial/Commercial/Institutional (ICI) waste stream, or a combined Residential and ICI waste stream.

Here, we have provided the report for combined residential and commercial figures. The population and employment data utilized in this model are sourced from the US Census Bureau 2021 figures.

Clark County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**3,547**	**1,187**	**2,359**	**33%**
	Newsprint	226	0	226	0%
	High Grade Office Paper	220	33	187	15%
	Magazines/Catalogs	235	85	150	36%
	Uncoated OCC/Kraft	1,496	853	643	57%
	Boxboard	392	78	314	20%
	Mixed Paper - Recyclable	383	0	383	0%
	Compostable Paper	512	120	391	24%
	Other Paper	83	17	66	21%
Beverage Containers		**31**	**0**	**31**	**0%**
	Milk & Juice Cartons/Boxes - Coated	31	0	31	0%
Plastic		**2,126**	**475**	**1,652**	**22%**
	#1 PET Bottles/Jars	147	13	134	9%
	#1 Other PET Containers	44	0	44	0%
	#2 HDPE Bottles/Jars - Clear	76	15	61	20%
	#2 HDPE Bottles/Jars - Color	72	18	54	25%
	#2 Other HDPE Containers	8	7	1	88%
	#6 Exp. Polystyrene Packaging	128	11	117	9%
	#3-#7 Other - All	89	2	88	2%
	Other Rigid Plastic Products	412	113	299	27%
	Grocery & Merchandise Bags	90	20	70	23%
	Trash Bags	227	19	207	9%
	Commercial & Industrial Film	206	152	55	73%
	Other Film	409	55	354	13%
	Other Plastic	217	49	168	23%
Glass		**610**	**298**	**311**	**49%**
	Recyclable Glass Bottles & Jars	493	209	284	42%
	Flat Glass	66	60	7	90%
	Other Glass	50	30	20	59%
Metal		**855**	**389**	**466**	**45%**
	Aluminum Beverage Containers	107	31	76	29%
	Other Aluminum	62	33	29	53%
	Ferrous Containers (Tin Cans)	151	0	151	0%
	Other Ferrous	355	260	95	73%
	Other Non-Ferrous	64	42	22	66%
	Other Metal	116	22	94	19%

Prepared: 12/14/2023

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**4,018**	**1,409**	**2,609**	**35%**
	Yard Waste - Compostable	851	724	127	85%
	Yard Waste - Woody	167	165	1	99%
	Food Scraps	2,146	265	1,880	12%
	Bottom Fines & Dirt	301	190	111	63%
	Diapers	267	40	227	15%
	Other Organic	286	24	262	8%
Inorganics		**1,173**	**724**	**449**	**62%**
	Televisions	38	0	38	0%
	Computer Monitors	25	25	0	100%
	Computer Equipment/Peripherals	44	43	1	98%
	Electronic Equipment	99	33	66	33%
	White Goods - Refrigerated	58	38	20	66%
	White Goods - Not refrigerated	176	145	30	83%
	Lead-acid Batteries	125	125	0	100%
	Other Household Batteries	36	22	14	62%
	Tires	153	132	21	86%
	Household Bulky Items	419	159	260	38%
	Fluorescent Lights/Ballasts	0	0	0	0%
Textiles		**718**	**100**	**618**	**14%**
	Carpet	157	42	115	27%
	Carpet Padding	46	19	27	41%
	Clothing	324	38	286	12%
	Other Textiles	190	0	190	0%
Household Hazardous Waste		**177**	**153**	**24**	**86%**
	Household Hazardous Waste	177	153	24	86%
Construction and Demolition Debris		**3,000**	**1,877**	**1,122**	**63%**
	Construction and Demolition Debris (C&D)	3,000	1,877	1,122	63%
Total		**16,255**	**6,612**	**9,643**	**41%**

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Coles County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**14,726**	**6,976**	**7,750**	**47%**
	Newsprint	893	110	782	12%
	High Grade Office Paper	1,040	468	572	45%
	Magazines/Catalogs	665	243	422	37%
	Uncoated OCC/Kraft	7,816	5,427	2,389	69%
	Boxboard	1,229	306	923	25%
	Mixed Paper - Recyclable	1,195	0	1,195	0%
	Compostable Paper	1,620	384	1,236	24%
	Other Paper	268	37	231	14%
Beverage Containers		**88**	**0**	**88**	**0%**
	Milk & Juice Cartons/Boxes - Coated	88	0	88	0%
Plastic		**6,131**	**908**	**5,223**	**15%**
	#1 PET Bottles/Jars	363	0	363	0%
	#1 Other PET Containers	100	0	100	0%
	#2 HDPE Bottles/Jars - Clear	180	0	180	0%
	#2 HDPE Bottles/Jars - Color	176	21	155	12%
	#2 Other HDPE Containers	8	5	3	57%
	#6 Exp. Polystyrene Packaging	411	15	396	4%
	#3-#7 Other - All	301	33	268	11%
	Other Rigid Plastic Products	1,295	377	918	29%
	Grocery & Merchandise Bags	202	6	196	3%
	Trash Bags	735	13	722	2%
	Commercial & Industrial Film	542	315	227	58%
	Other Film	1,297	117	1,180	9%
	Other Plastic	521	7	514	1%
Glass		**1,926**	**1,012**	**914**	**53%**
	Recyclable Glass Bottles & Jars	1,534	714	820	47%
	Flat Glass	220	197	23	90%
	Other Glass	171	101	70	59%
Metal		**2,725**	**1,266**	**1,459**	**46%**
	Aluminum Beverage Containers	343	121	221	35%
	Other Aluminum	192	106	87	55%
	Ferrous Containers (Tin Cans)	498	0	498	0%
	Other Ferrous	1,129	809	320	72%
	Other Non-Ferrous	203	144	59	71%
	Other Metal	360	86	274	24%

Prepared: 12/14/2023

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**12,310**	**3,715**	**8,595**	**30%**
	Yard Waste - Compostable	2,649	2,282	367	86%
	Yard Waste - Woody	515	511	4	99%
	Food Scraps	6,401	171	6,230	3%
	Bottom Fines & Dirt	987	579	408	59%
	Diapers	835	156	679	19%
	Other Organic	924	16	908	2%
Inorganics		**3,848**	**2,249**	**1,599**	**58%**
	Televisions	121	0	121	0%
	Computer Monitors	74	74	0	100%
	Computer Equipment/Peripherals	150	146	4	97%
	Electronic Equipment	316	79	237	25%
	White Goods - Refrigerated	221	132	89	60%
	White Goods - Not refrigerated	529	450	79	85%
	Lead-acid Batteries	404	404	0	100%
	Other Household Batteries	101	62	39	61%
	Tires	545	452	93	83%
	Household Bulky Items	1,379	446	933	32%
	Fluorescent Lights/Ballasts	8	3	5	39%
Textiles		**1,910**	**161**	**1,749**	**8%**
	Carpet	529	77	452	15%
	Carpet Padding	154	84	70	54%
	Clothing	772	0	772	0%
	Other Textiles	455	0	455	0%
Household Hazardous Waste		**589**	**508**	**81**	**86%**
	Household Hazardous Waste	589	508	81	86%
Construction and Demolition Debris		**9,809**	**5,477**	**4,333**	**56%**
	Construction and Demolition Debris (C&D)	9,809	5,477	4,333	56%
Total		**54,062**	**22,271**	**31,792**	**41%**

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Cumberland County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**2,374**	**752**	**1,623**	**32%**
	Newsprint	260	87	173	33%
	High Grade Office Paper	114	0	114	0%
	Magazines/Catalogs	215	106	108	50%
	Uncoated OCC/Kraft	833	411	422	49%
	Boxboard	274	50	224	18%
	Mixed Paper - Recyclable	265	0	265	0%
	Compostable Paper	355	82	273	23%
	Other Paper	58	14	44	25%
Beverage Containers		**24**	**0**	**24**	**0%**
	Milk & Juice Cartons/Boxes - Coated	24	0	24	0%
Plastic		**1,421**	**279**	**1,142**	**20%**
	#1 PET Bottles/Jars	95	3	92	3%
	#1 Other PET Containers	26	0	26	0%
	#2 HDPE Bottles/Jars - Clear	43	3	40	6%
	#2 HDPE Bottles/Jars - Color	44	6	38	14%
	#2 Other HDPE Containers	2	2	1	73%
	#6 Exp. Polystyrene Packaging	86	5	81	6%
	#3-#7 Other - All	71	6	64	9%
	Other Rigid Plastic Products	288	78	210	27%
	Grocery & Merchandise Bags	53	4	49	8%
	Trash Bags	160	16	144	10%
	Commercial & Industrial Film	132	97	34	74%
	Other Film	282	37	244	13%
	Other Plastic	139	21	118	15%
Glass		**421**	**199**	**222**	**47%**
	Recyclable Glass Bottles & Jars	338	134	204	40%
	Flat Glass	50	46	4	91%
	Other Glass	34	20	14	59%
Metal		**604**	**272**	**332**	**45%**
	Aluminum Beverage Containers	80	26	54	32%
	Other Aluminum	44	23	21	53%
	Ferrous Containers (Tin Cans)	109	0	109	0%
	Other Ferrous	246	181	65	74%
	Other Non-Ferrous	45	29	16	65%
	Other Metal	80	13	67	16%

Prepared: 12/14/2023

Coles County Regional Planning

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**2,719**	**926**	**1,792**	**34%**
	Yard Waste - Compostable	586	495	91	84%
	Yard Waste - Woody	114	113	1	99%
	Food Scraps	1,425	143	1,282	10%
	Bottom Fines & Dirt	205	132	73	64%
	Diapers	185	24	162	13%
	Other Organic	203	20	183	10%
Inorganics		**797**	**495**	**302**	**62%**
	Televisions	28	0	28	0%
	Computer Monitors	17	17	0	100%
	Computer Equipment/Peripherals	30	29	1	98%
	Electronic Equipment	66	22	44	34%
	White Goods - Refrigerated	44	32	12	73%
	White Goods - Not refrigerated	118	96	22	81%
	Lead-acid Batteries	83	83	0	100%
	Other Household Batteries	18	8	10	45%
	Tires	103	91	13	88%
	Household Bulky Items	290	117	173	40%
	Fluorescent Lights/Ballasts	0	0	0	0%
Textiles		**483**	**65**	**418**	**14%**
	Carpet	111	38	73	34%
	Carpet Padding	36	16	20	45%
	Clothing	210	11	199	5%
	Other Textiles	125	0	125	0%
Household Hazardous Waste		**119**	**102**	**16**	**86%**
	Household Hazardous Waste	119	102	16	86%
Construction and Demolition Debris		**2,087**	**1,363**	**724**	**65%**
	Construction and Demolition Debris (C&D)	2,087	1,363	724	65%
Total		**11,049**	**4,454**	**6,595**	**40%**

Prepared: 12/14/2023

Edgar County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**4,807**	**1,965**	**2,842**	**41%**
	Newsprint	521	232	289	44%
	High Grade Office Paper	327	114	213	35%
	Magazines/Catalogs	257	98	159	38%
	Uncoated OCC/Kraft	2,135	1,276	860	60%
	Boxboard	443	97	346	22%
	Mixed Paper - Recyclable	434	0	434	0%
	Compostable Paper	592	135	457	23%
	Other Paper	97	13	84	13%
Beverage Containers		**44**	**0**	**44**	**0%**
	Milk & Juice Cartons/Boxes - Coated	44	0	44	0%
Plastic		**2,383**	**408**	**1,975**	**17%**
	#1 PET Bottles/Jars	159	0	159	0%
	#1 Other PET Containers	44	0	44	0%
	#2 HDPE Bottles/Jars - Clear	79	5	75	6%
	#2 HDPE Bottles/Jars - Color	80	21	58	27%
	#2 Other HDPE Containers	9	8	1	86%
	#6 Exp. Polystyrene Packaging	141	0	141	0%
	#3-#7 Other - All	106	6	101	5%
	Other Rigid Plastic Products	469	128	341	27%
	Grocery & Merchandise Bags	89	14	75	16%
	Trash Bags	273	3	270	1%
	Commercial & Industrial Film	236	156	80	66%
	Other Film	476	44	433	9%
	Other Plastic	221	25	196	11%
Glass		**699**	**357**	**343**	**51%**
	Recyclable Glass Bottles & Jars	558	250	309	45%
	Flat Glass	79	71	8	89%
	Other Glass	62	36	26	58%
Metal		**998**	**455**	**543**	**46%**
	Aluminum Beverage Containers	124	41	83	33%
	Other Aluminum	71	38	32	54%
	Ferrous Containers (Tin Cans)	185	0	185	0%
	Other Ferrous	414	297	117	72%
	Other Non-Ferrous	71	49	22	68%
	Other Metal	133	30	103	23%

 Prepared: 12/14/2023

Coles County Regional Planning

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**4,636**	**1,435**	**3,201**	**31%**
	Yard Waste - Compostable	957	819	138	86%
	Yard Waste - Woody	186	184	1	99%
	Food Scraps	2,479	159	2,319	6%
	Bottom Fines & Dirt	369	222	147	60%
	Diapers	301	47	254	16%
	Other Organic	344	3	340	1%
Inorganics		**1,426**	**848**	**578**	**59%**
	Televisions	45	0	45	0%
	Computer Monitors	26	26	0	100%
	Computer Equipment/Peripherals	61	60	1	98%
	Electronic Equipment	114	28	86	25%
	White Goods - Refrigerated	87	56	31	64%
	White Goods - Not refrigerated	187	157	30	84%
	Lead-acid Batteries	150	150	0	100%
	Other Household Batteries	35	21	15	59%
	Tires	210	177	33	84%
	Household Bulky Items	510	173	337	34%
	Fluorescent Lights/Ballasts	0	0	0	0%
Textiles		**786**	**69**	**717**	**9%**
	Carpet	202	41	161	20%
	Carpet Padding	53	26	27	49%
	Clothing	336	2	334	1%
	Other Textiles	195	0	195	0%
Household Hazardous Waste		**220**	**191**	**30**	**87%**
	Household Hazardous Waste	220	191	30	87%
Construction and Demolition Debris		**3,756**	**2,207**	**1,550**	**59%**
	Construction and Demolition Debris (C&D)	3,756	2,207	1,550	59%
Total		**19,757**	**7,935**	**11,821**	**40%**

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Prepared: 12/14/2023

Moultrie County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**3,905**	**1,305**	**2,600**	**33%**
	Newsprint	289	23	266	8%
	High Grade Office Paper	257	60	197	23%
	Magazines/Catalogs	224	76	148	34%
	Uncoated OCC/Kraft	1,699	920	780	54%
	Boxboard	403	84	320	21%
	Mixed Paper - Recyclable	393	0	393	0%
	Compostable Paper	548	128	420	23%
	Other Paper	91	15	76	16%
Beverage Containers		**41**	**0**	**41**	**0%**
	Milk & Juice Cartons/Boxes - Coated	41	0	41	0%
Plastic		**2,328**	**518**	**1,810**	**22%**
	#1 PET Bottles/Jars	150	3	147	2%
	#1 Other PET Containers	39	0	39	0%
	#2 HDPE Bottles/Jars - Clear	70	3	67	4%
	#2 HDPE Bottles/Jars - Color	69	15	54	21%
	#2 Other HDPE Containers	4	3	1	70%
	#6 Exp. Polystyrene Packaging	140	7	134	5%
	#3-#7 Other - All	98	5	93	5%
	Other Rigid Plastic Products	436	122	314	28%
	Grocery & Merchandise Bags	98	28	69	29%
	Trash Bags	252	9	243	4%
	Commercial & Industrial Film	281	209	72	74%
	Other Film	442	46	396	10%
	Other Plastic	249	69	180	28%
Glass		**641**	**325**	**317**	**51%**
	Recyclable Glass Bottles & Jars	500	214	286	43%
	Flat Glass	81	74	8	91%
	Other Glass	61	37	23	61%
Metal		**937**	**436**	**502**	**46%**
	Aluminum Beverage Containers	118	41	77	35%
	Other Aluminum	69	39	30	57%
	Ferrous Containers (Tin Cans)	172	0	172	0%
	Other Ferrous	393	286	107	73%
	Other Non-Ferrous	68	47	21	69%
	Other Metal	118	23	95	19%

Prepared: 12/14/2023

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**4,286**	**1,358**	**2,929**	**32%**
	Yard Waste - Compostable	862	734	128	85%
	Yard Waste - Woody	178	177	1	99%
	Food Scraps	2,300	177	2,123	8%
	Bottom Fines & Dirt	347	214	133	62%
	Diapers	276	41	235	15%
	Other Organic	323	15	308	5%
Inorganics		**1,328**	**805**	**523**	**61%**
	Televisions	38	0	38	0%
	Computer Monitors	20	20	0	100%
	Computer Equipment/Peripherals	53	51	1	98%
	Electronic Equipment	112	34	78	30%
	White Goods - Refrigerated	84	56	28	67%
	White Goods - Not refrigerated	163	135	28	83%
	Lead-acid Batteries	140	140	0	100%
	Other Household Batteries	29	16	14	54%
	Tires	200	171	29	85%
	Household Bulky Items	489	182	307	37%
	Fluorescent Lights/Ballasts	0	0	0	0%
Textiles		**805**	**121**	**684**	**15%**
	Carpet	186	40	146	22%
	Carpet Padding	48	23	25	47%
	Clothing	367	58	308	16%
	Other Textiles	205	0	205	0%
Household Hazardous Waste		**181**	**154**	**27**	**85%**
	Household Hazardous Waste	181	154	27	85%
Construction and Demolition Debris		**3,666**	**2,265**	**1,402**	**62%**
	Construction and Demolition Debris (C&D)	3,666	2,265	1,402	62%
Total		**18,121**	**7,286**	**10,835**	**40%**

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Prepared: 12/14/2023

Shelby County

Residential and Commercial Combined Waste Sector

Material Class	Material Category	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Paper		**4,640**	**1,204**	**3,436**	**26%**
	Newsprint	364	3	361	1%
	High Grade Office Paper	246	0	246	0%
	Magazines/Catalogs	303	76	227	25%
	Uncoated OCC/Kraft	1,750	840	910	48%
	Boxboard	558	87	471	16%
	Mixed Paper - Recyclable	549	0	549	0%
	Compostable Paper	745	167	578	22%
	Other Paper	126	32	94	25%
Beverage Containers		**53**	**0**	**53**	**0%**
	Milk & Juice Cartons/Boxes - Coated	53	0	53	0%
Plastic		**3,067**	**626**	**2,441**	**20%**
	#1 PET Bottles/Jars	200	0	200	0%
	#1 Other PET Containers	55	0	55	0%
	#2 HDPE Bottles/Jars - Clear	99	10	89	10%
	#2 HDPE Bottles/Jars - Color	92	11	81	12%
	#2 Other HDPE Containers	9	8	1	85%
	#6 Exp. Polystyrene Packaging	190	11	179	6%
	#3-#7 Other - All	128	0	128	0%
	Other Rigid Plastic Products	592	147	445	25%
	Grocery & Merchandise Bags	119	14	105	12%
	Trash Bags	343	29	314	8%
	Commercial & Industrial Film	325	250	75	77%
	Other Film	597	77	520	13%
	Other Plastic	318	69	249	22%
Glass		**876**	**408**	**468**	**47%**
	Recyclable Glass Bottles & Jars	696	267	429	38%
	Flat Glass	99	89	9	90%
	Other Glass	81	51	30	63%
Metal		**1,253**	**548**	**704**	**44%**
	Aluminum Beverage Containers	156	42	114	27%
	Other Aluminum	91	47	44	52%
	Ferrous Containers (Tin Cans)	234	0	234	0%
	Other Ferrous	515	377	138	73%
	Other Non-Ferrous	92	59	33	64%
	Other Metal	165	23	141	14%

Material Class	Material Type	Estimated Generation (tons)	Estimated Recovery (tons)	Estimated Disposal (tons)	Capture Rate
Organics		**5,776**	**1,893**	**3,883**	**33%**
	Yard Waste - Compostable	1,209	1,017	192	84%
	Yard Waste - Woody	237	235	2	99%
	Food Scraps	3,066	278	2,789	9%
	Bottom Fines & Dirt	456	298	158	65%
	Diapers	384	39	345	10%
	Other Organic	424	26	398	6%
Inorganics		**1,772**	**1,126**	**646**	**64%**
	Televisions	56	0	56	0%
	Computer Monitors	36	36	0	100%
	Computer Equipment/Peripherals	70	68	1	98%
	Electronic Equipment	143	49	94	34%
	White Goods - Refrigerated	104	78	26	75%
	White Goods - Not refrigerated	240	193	47	81%
	Lead-acid Batteries	180	180	0	100%
	Other Household Batteries	46	25	20	55%
	Tires	252	224	28	89%
	Household Bulky Items	637	265	371	42%
	Fluorescent Lights/Ballasts	9	7	3	72%
Textiles		**1,044**	**131**	**913**	**13%**
	Carpet	239	80	159	33%
	Carpet Padding	65	23	42	35%
	Clothing	465	29	436	6%
	Other Textiles	276	0	276	0%
Household Hazardous Waste		**280**	**245**	**35**	**88%**
	Household Hazardous Waste	280	245	35	88%
Construction and Demolition Debris		**4,646**	**3,077**	**1,569**	**66%**
	Construction and Demolition Debris (C&D)	4,646	3,077	1,569	66%
Total		**23,407**	**9,259**	**14,148**	**40%**

Prepared: 12/14/2023

Disposal Events

Household Hazardous Waste Event

In the past, an East-Central IL Household Hazardous Waste Event was successfully organized by the Coles County Regional Planning & Development Commission. The event took place at the Coles County Airport, located at 10500 State Highway 16, Mattoon, IL, on Saturday, May 14th, 2022. The event spanned from 8:00 a.m. to 3:00 p.m., giving participants a substantial window of engagement.

Participants were encouraged to register for the event in advance through the registration service available at www.co.coles.il.us/events/. Registering ensured a quicker unloading process for each participant. Those attending were directed to enter the event venue via the airport's east entrance, situated at the stoplight near Sarah Bush Hospital's Emergency Room entrance. This event was open to all residents of Illinois and was jointly sponsored by Coles, Shelby, Douglas, Edgar, Clark, and Cumberland counties.

During the event, a range of hazardous items were accepted for proper disposal. These included oil-based paints, used motor oil, herbicides, insecticides, pesticides, old gasoline, pool chemicals, cleaning products, mercury, acids, household batteries, paint thinners, lawn chemicals, solvents, antifreeze, hobby chemicals, aerosol paints and pesticides, fluorescent lamp bulbs, drain cleaners, and corrosives. On the other hand, certain items were deemed unacceptable for disposal at the event. These included Latex Paint (which could be dried or absorbed and placed in regular trash), agricultural waste, waste from the business and commercial sectors, explosives, ammunition, fireworks, controlled substances, propane tanks, smoke detectors, farm machinery oil, fire extinguishers, and biohazard waste.

The event provided an opportunity for residents to safely dispose of hazardous materials that had the potential to spill, leak, or pose dangers to children and pets. This 1-Day collection event was offered free of charge, aiming to promote responsible waste management and ensure the well-being of both the community and the environment.

Coles County Electronics Recycling Event

In our ongoing commitment to sustainable waste management practices, Coles County proudly organized the Electronics Recycling Event at Lake Land College in Mattoon, IL. This initiative, which took place on Saturday, April 2nd, 2022, from 8:00 a.m. to 1:00 p.m., aimed to provide an environmentally responsible avenue for residents to dispose of electronic items.

The event was held at Lake Land College, 5001 Lake Land Blvd., and participants were encouraged to register online to ensure a smooth experience for all attendees. On the day of the event, participants were welcomed to drop off accepted items, including computers, computer monitors, televisions, printers, fax machines, scanners, DVD players, recorders, video game consoles, and various other electronic devices. Coles County residents were required to provide proof of county residency, creating a sense of community participation in the recycling effort.

Notably, there was a $10 cash-only fee for each TV and monitor, with a total limit of seven items per participant. This fee helped offset the costs associated with the responsible disposal of these electronic devices. The event concluded either when the semis were full or at 1:00 p.m., whichever came first.

This event was part of a series of initiatives undertaken by Coles County, including similar events in the past. In the spring of 2021, the Coles County Electronics Recycling Spring Event occurred in May, and in the fall of 2021, a parallel event took place on August 28th. These events, like the most recent one, played a crucial role in encouraging residents to actively participate in reducing electronic waste and contributing to the circular economy.

By responsibly recycling electronics, we collectively contribute to closing the loop of production, reintroducing materials into the manufacturing sector, and fostering a sustainable and eco-friendly community.

Functional Facilities

Here is an overview of the existing facilities and haulers in the region:

Current Facilities

Transfer Station owned by Waste Management

Mervis Recycling Mattoon

Harris Metals Mattoon

COM2 Recycling Charleston

CCAR Charleston

Pott's Lane Landscape Waste Paris

Haulers

1. Premier Disposal, Charleston, IL
2. Waste Management
3. Mel's Disposal, Oakland, IL
4. Get It Gone LLC, Oakland, IL
5. Coles County Sanitation & Recycling, Charleston, IL
6. Ingrum's Waste Disposal, Paris, IL
7. Morgan Disposal, Charleston, IL
8. White's Trash Services, Greenup, IL
9. Keslers Disposal, Marshall, IL

Key Issues in Solid Waste Management

1. Lack of Communication/Response from Waste Management:

One of the key issues in the current solid waste management system in Coles County is the lack of effective communication and response from Waste Management, a prominent player in the waste industry. Inadequate communication can lead to confusion, disruptions in service, and a lack of transparency, hindering the efficient management of solid waste in the county.

2. Random Closure of Transfer Station with No Notice to Haulers:

The random closure of the transfer station without prior notice to haulers is a significant concern. The transfer station is a critical link in the waste management chain, and unexpected closures can disrupt the entire waste disposal and recycling process. Such closures can lead to delays, increased operational costs, and inconvenience for both the waste management companies and the residents of the County.

3. Possibly Sending Recyclables to Landfills Instead of MRFs:

Another issue is the suspicion that recyclables might be ending up in landfills rather than being directed to Material Recovery Facilities (MRFs). Proper recycling is essential for reducing waste sent to landfills and conserving resources. If recyclables are not being properly processed, it undermines recycling efforts and has negative environmental consequences.

4. Late Pickups/Drop-offs of Dumpsters in Ashmore:

Late pickups and drop-offs of dumpsters in the Ashmore area has posed a logistical challenge for waste management. Timely waste collection and disposal are crucial for maintaining a clean and hygienic environment. Delays can lead to overflowing bins, litter, and unsightly conditions, impacting the quality of life for residents.

5. Removal of Roll-off Recycling:

The removal of roll-off recycling services is a notable concern. Roll-off recycling is an accessible and convenient way for residents and businesses to dispose of recyclable materials. Its removal can reduce recycling rates and discourage proper disposal of recyclables.

6. Illegal Dumping in Rural Areas:

The issue of illegal dumping in rural areas is a broader environmental concern. Such activities not only mar the landscape but also pose health and safety risks. This illegal dumping can include the improper disposal of hazardous materials, which can contaminate the environment and harm public health.

Addressing these issues in the Solid Waste Management Plan is crucial. It should involve improved communication between stakeholders, the implementation of measures to prevent random closures of facilities, enhanced monitoring to ensure recyclables reach MRFs, strategies to ensure timely waste collection, the reintroduction of roll-off recycling services, and measures to combat illegal dumping. An effective plan should promote sustainability, public health, and the responsible management of solid waste within the county.

Goals & Recommendations

This section outlines the recommendations for the Six-County Solid Waste Management Plan Update 2023, organized into categories as outlined below. Each category is further broken down into specific target areas. These recommendations stem from a thorough review of the 2017 Plan, practical experience, research, economic conditions, and feedback received from the Citizen's Advisory Committee, CCRPDC staff, and County Board Members.

Input for these recommendations was gathered through written submissions or discussions during meetings of the Citizen's Advisory Committee and County Board Members. Many of these recommendations have been carried over from the previous plan. We have attempted to present these updated recommendations in an easy-to-reference outline format, consolidating tasks under their respective categories wherever feasible. The outline of recommendations is provided below for convenient reference.

1. Public Information & Education:

Public information plays a crucial role in the success of CCRPDC programs. Given the evolving nature of recycling standards, solid waste laws, and regulations, ongoing efforts will focus on the following areas to achieve the goals of this plan update.

1.1. Education of the General Public

1.1.1. Maintain, Update, and Promote CCRPDC Resources:

Ensure the continued availability, updating, and promotion of CCRPDC resources and information through brochures, press releases/ads, the county website, radio ads, presentations, and social media. Topics covered will include source reduction, material reuse, disposal laws and regulations, recycling, composting, and options for managing difficult-to-handle waste materials.

1.2. Education in County Schools/Universities

1.2.1. School Curricula and Programs:

Seek or design school curricula or educational programs aligning with current educational standards. Collaborate with schools to promote, design, and implement waste reduction, composting, and recycling programs, translating educational objectives into practical actions.

1.2.2. Involvement of Volunteer Educators:

Explore the possibility of engaging volunteer educators to work with schools. Their role would be to educate students and staff about waste reduction, composting, recycling, and other relevant topics.

1.3. Community/Business Outreach

1.3.1. Involvement of Local Organizations:

Seek assistance from local organizations such as service groups, citizens' groups, Chambers of Commerce, scout groups, and school parent organizations. Their involvement will help disseminate information about local waste management issues and programs.

1.3.2. Support for Local Businesses and Institutions:

Continue providing support to local businesses and institutions in achieving their waste reduction and recycling goals. Utilize the CCRPDC database of information and resources to assist them effectively.

2. Waste Minimization and Reuse:

Waste minimization remains a key focus, encompassing strategies to reduce waste at its source, reduce waste toxicity, and enhance recycling and material reuse. This approach, prioritized in the waste management hierarchy of the Illinois Solid Waste Management Act, aims to decrease the volume of materials requiring management in the first place. While quantifying the exact impact of waste minimization and reuse is challenging, this plan update will support efforts in education and legislative initiatives, along with steps to measure the success of these practices.

2.1. Legislative and Regulatory Stewardship

2.1.1. Monitoring and Evaluation:

Continue to actively monitor and evaluate waste reduction and recycling programs both regionally and at the state level. Track the status of bills introduced in the Illinois General Assembly that may impact solid waste management planning across all six counties.

2.1.2. Collaborative Advocacy for Change:

Maintain partnerships with the Illinois Environmental Protection Agency (IEPA), lobbying groups, and professional organizations. Work collectively to influence legislation that promotes source reduction, extended producer responsibility (EPR), and expanded recycling opportunities and markets, aligning with the principles of a "circular economy."

2.2. Materials Reuse

2.2.1. Promotion of Reuse:

Continue to promote the concept of reuse for various materials in the county, including furniture, textiles, books, children's items, sporting goods, building materials, and other still-useful items, diverting them from the waste stream.

2.2.2. Database Expansion:

Expand and publicize the CCRPDC database, listing businesses and organizations that accept materials for reuse. This includes local churches, charitable groups, civic organizations, businesses, and other stakeholders, enhancing opportunities for residents and businesses to donate or sell used materials.

2.2.3. Exploration of Materials Exchange:

Explore the feasibility of a materials exchange or reuse program/site within the counties for items like furniture, books, paint, bicycles, etc. Investigate similar programs nationwide to determine local viability and potential implementation.

3. Recycling: Strengthening Sustainable Practices

Recycling remains the cornerstone of our waste management initiatives. Recognizing the need to enhance recycling rates, our focus extends across various components of Municipal Solid Waste (MSW), including residential, commercial, institutional, construction/demolition, and industrial office and lunchroom waste.

3.1. Residential Recycling

3.1.1. Expansion of Curbside Recycling:

Collaborate with local waste haulers and municipalities to extend residential curbside recycling service to practical areas. Uphold and enhance residential curbside recycling service across all six counties.

3.1.2. Revitalization of Recycling Drop-Off Stations:

Initiate efforts to re-establish recycling drop-off stations in various locations around the counties. Explore economically feasible programs to provide rural residents and those in multi-family units without recycling services with accessible outlets for recyclable materials.

3.2. Commercial Recycling

3.2.1. Enhancing Commercial Recycling:

Examine local waste haulers' commercial recycling operations and explore options to boost and promote commercial recycling in the six-county region. Provide information and assistance, including Waste Reduction/Recycling Grants, to help businesses establish recycling programs.

3.2.2. Incentives for Businesses:

Research and consider incentives, tax breaks, or other assistance for businesses implementing waste reduction and recycling programs. Continue recognizing businesses with substantial waste reduction and recycling efforts.

3.3. Recycling of Appliances

3.3.1. Public Awareness and Information:

Disseminate information through the counties' website, social media, press releases, and brochures on the proper recycling of large appliances. Research expanded opportunities for residents to recycle these items through the private sector.

3.3.2. County Collection Events:

Explore the possibility of county collection events, in collaboration with the private sector, specifically for appliances. Simplify the recycling process for county residents and reduce fly dumping of these materials.

3.4. Recycling of Electronics

3.4.1. Sustaining Electronic Recycling Programs:

Continue residential and business electronic recycling programs and the County's participation in the Illinois Consumer Electronics Recycling Act. Collect and process electronic material securely and conveniently.

3.4.2. Community Partnerships:

Collaborate with municipalities, local nonprofits, housing developments, and other community entities to provide convenient outlets for electronic waste. Mitigate illegal dumping of these materials in the areas.

3.5. Composting and Organics Management

3.5.1. Landscape Waste Management:

Promote proper management of landscape waste, including hauling to compost sites where available, or on-site composting and/or mulching.

3.5.2. Residential Composting:

Encourage residential composting and vermicomposting of food and landscape waste. Explore bulk purchasing of home compost bins for cost-effective distribution to encourage home composting of organic waste.

3.5.3. County-Managed Food Waste Drop-off:

Research the feasibility of a County-managed food waste drop-off site or container. Explore partnerships or co-ops with businesses or municipalities to coordinate a county-wide composting program.

3.5.4. Food Waste Composting Options:

Research potential options for food waste composting for schools, businesses, and other entities with significant food waste. Explore food-sharing opportunities with local food pantries.

4. Establishment of a New Transfer Station in Coles County: Enhancing Waste Infrastructure

Aiming to bolster waste infrastructure in Coles County, the establishment of a new transfer station is a strategic initiative. This endeavor involves a systematic approach encompassing various stages.

4.1. Feasibility Study

4.1.1. Assessing the Need:

Initiate a comprehensive feasibility study to thoroughly evaluate the necessity of a new transfer station in Coles County. Analyze current waste management demands and forecast future requirements to determine the viability and relevance of the proposed facility.

4.2. Location Identification and Environmental Impact Assessments

4.2.1. Identifying Suitable Locations:

Conduct a diligent search to identify suitable locations for the transfer station. Consider proximity to population centers, transportation networks, and environmental factors. Ensure that the selected sites align with community needs and regulatory guidelines.

4.2.2. Environmental Impact Assessments:

Conduct thorough environmental impact assessments for the identified locations. Evaluate potential effects on local ecosystems, air and water quality, and the surrounding community. This step ensures a responsible and sustainable approach to the transfer station's development.

4.3. Funding Acquisition

4.3.1. Grant Pursuit:

Actively pursue grants available for waste infrastructure development. Explore federal, state, and local funding opportunities to secure financial support for the construction and operation of the new transfer station.

4.3.2. Partnerships and Collaborations:

Explore partnerships and collaborations with public and private entities. Engage in discussions with potential collaborators to share costs, resources, and operational responsibilities. Establishing mutually beneficial relationships will contribute to the overall success of the project.

4.4. Regulatory Compliance

4.4.1. Regulatory and Permitting Requirements:

Navigate and comply with all regulatory and permitting requirements associated with the establishment of the transfer station. Work closely with relevant authorities to secure the necessary permits and approvals, ensuring adherence to environmental, safety, and operational standards.

By following this structured approach, the establishment of a new transfer station in Coles County will contribute to the enhancement of waste management infrastructure, addressing current and future needs responsibly and sustainably.

5. Disposal Options: Enhancing Safe Alternatives

In addressing disposal options for the six-county region, a comprehensive approach involves providing information and services that advocate safe alternatives for challenging waste and materials. The following strategies aim to promote responsible disposal practices and limit adverse environmental impacts.

5.1. Cleanup Day Grants

5.1.1. Supporting Local Cleanup Initiatives:

Contribute to the funding and facilitation of cleanup day grants for local municipalities and townships. These grants target difficult-to-manage waste items like furniture and demolition debris, mitigating fly dumping and open burning of such materials within the counties.

5.2. Household Hazardous Waste (HHW) Collection

5.2.1. Collaboration and Event Application:

Promote and encourage the use of the IEPA Household Hazardous Waste (HHW) collection points nearby. Regularly apply to the IEPA for HHW collection events within the County, facilitating proper disposal of hazardous materials.

5.3. Waste Medicine Disposal

5.3.1. Law Enforcement Collaboration:

Continue promoting the Waste Medicine Disposal Program facilitated by local law enforcement departments throughout the County. If necessary, assist with final disposal options for waste medicine collected in the program.

5.4. Sharps Collection Program Implementation

5.4.1. Collaborative Sharps Disposal:

Establish a safe and convenient sharps collection program for the proper disposal of medical needles and other sharps. Collaborate with local healthcare providers, pharmacies, and community organizations to facilitate sharps disposal. Promote awareness and educate the public about the importance of safe sharps disposal for public health and the environment.

5.5. Paint Disposal

5.5.1. Latex Paint Recycling Events:

If possible, contribute to funding and organizing latex paint recycling collection events for residents in collaboration with regional paint recyclers. If there are no suitable facilities nearby, explore opportunities for joint events with recycling businesses from neighboring counties. Educate and promote proper disposal options for various types of paint, including donation, reuse, drying, and proper disposal, emphasizing HHW collection points for specific types.

5.6. Motor Oil & Antifreeze Collection

5.6.1. Events and Resident Education:

If possible, help in funding and organizing motor oil and antifreeze collection events for residents. Promote and educate residents on available outlets for motor oil, antifreeze, and related items.

5.7. Tires & Other Bulky Waste Items

5.7.1. Public Education and Partnerships:

Inform and educate the public about outlets for challenging waste materials, including hazardous items, used tires, mattresses, carpets, construction and demolition debris, and furniture. Partner with other units of local government (ULG) and the IEPA to offer tire disposal options and collaborate with local waste haulers to share disposal information with the public. Notably, there is interest in Coles County for a tire disposal event, which could become a potential program for the future.

These goals and recommendations aim to improve the overall solid waste management system in all six counties, promoting sustainability, environmental responsibility, and community engagement. Each recommendation should be thoroughly assessed, planned, and executed in collaboration with relevant stakeholders, local authorities, and environmental agencies to ensure their successful implementation. Regular monitoring and evaluation should also be conducted to measure the progress and effectiveness of these initiatives.

Conclusion

After a thorough evaluation, active engagement with stakeholders, and valuable input from our team, the 2023 Solid Waste Management Plan for Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby Counties emerges as a well-crafted roadmap for our collective future. This plan not only directs us towards achieving our waste diversion targets but also focuses on improving facilities, strategic planning, meaningful collaborations, innovative programs, and sustainable revenue.

Improving our waste management facilities is essential to better serve our communities, partners, haulers, and the environment.

Strategic management is key to reaching our ambitious waste diversion goal, enhancing performance, and exploring innovative opportunities.

Cultivating meaningful partnerships will strengthen coordination, expand opportunities, and engage new audiences.

Implementing effective programs is vital to increasing waste recovery and ensuring our communities are safe from hazardous waste.

Exploring sustainable revenue sources allows us to consider innovative approaches while maintaining fairness in costs and fees.

Clark, Coles, Cumberland, Edgar, Moultrie, and Shelby Counties are enthusiastic about implementing these strategies collaboratively with key stakeholders, including cities, haulers, business and nonprofit partners, and rural communities. This approach not only promotes recycling but also encourages reducing consumption, repairing items in use, and facilitating the resale of still-useful goods.

We are confident in our ability to achieve these goals. The waste management teams across all the six counties are eager to move forward with our partners, ushering in a new era of materials management that extracts maximum value from our goods and food. Our focus extends beyond mere recycling; we aim to embrace a comprehensive approach that redefines our relationship with materials, ensuring a sustainable and prosperous future for our communities.

Acronyms

CAC: Citizen's Advisory Committee
C&D: Construction and Demolition Debris
CEG: Conditionally Exempt Generator
CESQG: Conditionally Exempt Small Quantity Generator
EPR: Extended Producer Responsibility
HHW: Household Hazardous Waste
HDPE: High-Density Polyethylene
IEPA: Illinois Environmental Protection Agency
IRA: Illinois Recycling Association
MSW: Municipal Solid Waste
PET: Polyethylene Terephthalate
SWPRA: Solid Waste Planning and Recycling Act
ULG: Units of Local Government

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