



Fiscal Year 2022 Recycling and Recycled Paper Annual Report

The following report identifies the sustainable practices undertaken in fiscal year 2022 by the Department of Central Management Services.

In Accordance with 415 ILCS 20/3 (From Ch. 111 1/2, Par. 7053), the Director of the Department of Central Management Services shall submit the following report to the Members of the Illinois General Assembly on or before November 1, 2022.

Anthony Pascente
Acting Director

I-Cycle Program

Created by the Solid Waste Management Act of 1986, the State of Illinois I-Cycle Program facilitates the recycling efforts across the State of Illinois. I-Cycle recycles and promotes the recycling and reuse of paper, electronic waste, cardboard, toner cartridges, aluminum cans, tires, fluorescent lamps, high-intensity discharge lamps, and mercury-containing items, books, plastics, batteries, and motor oil at State of Illinois facilities where services are available or applicable. The Illinois Department of Central Management Services (CMS) works to provide alternative recycling methods in facilities that are not served by the I-Cycle program, including identifying local drop off points and alternative vendors where available.

I-Cycle's Recycling Website, www.icycle.illinois.gov provides additional information on the program and educational materials for materials accepted in the collection system.

Paper Recycling

In FY22, the State of Illinois diverted an estimated 1.6 million pounds from the waste stream.

The following table shows the breakdown of recycling vendors, service areas, and reported weight of materials recycled in FY22. This table summarizes the data available to the I-Cycle program provided by vendors under contract with the State for specific services but is not inclusive of all material recycled by the State.

Vendors	Service Area	FY22 Recycled Paper (Pounds)
Independent Recycling Services, Inc	Chicago Area	290,497
Midwest Fiber	Human Services Locations	40,870
Allied Waste/Republic	Downstate and Collar Counties	120,000
Shred-It On-Site Shredding (Estimated)	Employment Security Locations IDES	12,685
Opportunity Secure Data Destruction (Estimated)	Statewide Shredding	900,000
Other Secure Shredding Services	Statewide	250,000
	*Total (Pounds)	1,626,052

*Due to changes in recycling tracking data processes, FY22 data does not include Department of Corrections, Illinois Department of Revenue and other agencies shredding recycling volume.

Procurement

FY22 Recycled Paper and Paper Products Summary

The following table summarizes the spend on recycled paper and paper products procured by CMS for State agencies during the past fiscal year. In addition to office paper and envelopes purchased by the CMS Printing Unit, the Bureau of Property Management purchases paper products such as toilet tissue, napkins, and paper towels for State agencies.

	Non-Recycled Content	Recycled Content	Total	Percentage
Paper	\$ 1,463,241	\$ 739,819	\$2,203,060	34%

	Quantity (reams)
Paper containing non-recycled material	705,800
Paper containing recycled material	514,270
Percentage containing recycled material	42%

In FY22, CMS' Bureau of Strategic Sourcing (BOSS) sourced the following items containing recycled content: printer/copier paper, envelopes, business cards, tissue products, file folders, binders, toner cartridges, re-refined motor oil, mulch, carpeting, office furniture, and can liners.

FY22 State of Illinois Surplus Program

CMS' Bureau of Agency Services manages the State Surplus Property and the Federal Surplus Property programs that provide State agencies with direct access to furniture, electronics, desks, bookcases, file cabinets, partitions, computer stands, and other non-traditional supplies collected by the program. Approximately 95% of all office items sent to State Surplus Property are repurposed and reused throughout other State offices.

In FY22, the State of Illinois recycled over 64,116 electronic items diverting over 1,344,000 pounds of electronic waste from landfills. Recycled electronic items include, computers, laptops, servers, monitors, televisions, copiers, printers, hard drives, etc. A total of 26,408 hard drives were wiped, removed, or destroyed in accordance with State of Illinois data destruction laws and rules.

Lighting Components and Battery Recycling

FY22 Fluorecycle Contract

In time for FY22, CMS executed a contract with Fluorecycle, Inc. to recycle certain lamps containing mercury. This contract is consistent with Public Act 95-0104 and led to the following recycling metrics for FY21:

Material	Pounds	Quantity
Crushed Fluorescent Lamps	6,267	
Ballasts	4,264	
Batteries Lead/Calcium	-	-
Fluorescent Lamps		7,361
High Intensity Discharge Lamps		523
Totals	10,531	7,884

Other Sustainability Initiatives

Energy Management

CMS Energy Management staff oversees the Statewide Energy Procurement, utility accounts managed by CMS and an Energy Efficiency Program. During FY22 Energy Management improved the energy management practices expanding energy consumption analysis efforts by utilizing analytic tools and resources provided by utility companies and internally developed dashboards. This data and dashboards facilitate targeted implementation of energy conservation measures (ECM) and provides the ability to develop a facility's utility consumption baseline before an ECM is implemented and monitor the effect of the measures. As in previous years, CMS continues to coordinate the participation of State of Illinois buildings in a Demand Response Program. This calendar year twenty-four (24) buildings are participating in the Demand Response Program demonstrating CMS' operational agility to decrease grid load by approximately 8,500 kW, which earned the State of IL \$166,724 in FY22. This past Fiscal Year, CMS also implemented an LED lighting upgrade in five State facilities.

During the Fall of 2021, staff from the Illinois Environmental Protection Agency (EPA) and CMS collaborated on the development of an Energy Efficiency program. The goals of this program were to decrease energy consumption and operating costs, increase visibility to enhance our safety measures, and improve lighting quality and work environment using an existing grant provided by the U.S. Department of Energy.

CMS utilized approximately \$550,000 of this grant to perform retrofits at the following facilities: 555 W Monroe Chicago, 401 S Clinton Chicago, 300 W Jefferson Springfield, 313 S 6th St Springfield, 4302 N Main St Rockford. In total, 7,673 bulbs were replaced with more efficient

LED bulbs. The State is projected to reduce annual energy consumption by approximately 482,000 kWh, netting an annual cost savings of \$58,000.

CMS remains committed to energy efficiency and continues to identify locations where improved energy efficient operations can be implemented. As Chair of the Energy Efficiency Committee, CMS meets with committee members from Illinois Protection Agency (EPA), Illinois Capitol Development Board (CDB) and University of Illinois Energy Resources Center (ERC) working collaboratively to coordinate Energy Efficient practices across multiple agencies.