

**Champaign County Board
Environment & Land Use Committee
January 7, 2021**

Champaign County Solid Waste
Management
Information Series Part 1

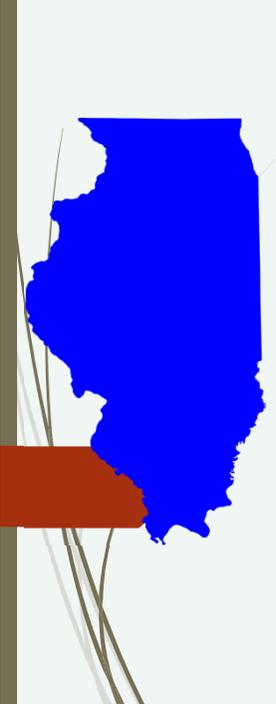
Champaign County Department of Planning & Zoning

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Information Series: Champaign County Solid Waste Management

- 1
 - IL mandate to counties regarding solid waste planning
 - IL waste management hierarchy
 - CC Solid Waste Management Plan and updates
 - IL Commodity/Waste Generation & Characterization Study Update
- 2
 - Infrastructure: Landfills, transfer stations, etc.
 - CC Regional Pollution Control Facility Siting Procedures ordinance
 - Estimating waste generation and landfill diversion
 - CC waste hauler license fee
- 3
 - Available recycling options
C&D debris, metals, aluminum, cardboard, paper, glass, plastics, batteries
- 4
 - Banned from IL landfills
Lead acid batteries, mercury-switch thermostats, tires, yard waste, white goods, e-waste, rechargeable batteries
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 - Hard-to-manage materials
Food scraps, HHW, paint, pharmaceuticals, sharps, carpet, mattresses, single-use plastics, glass bottles/jars

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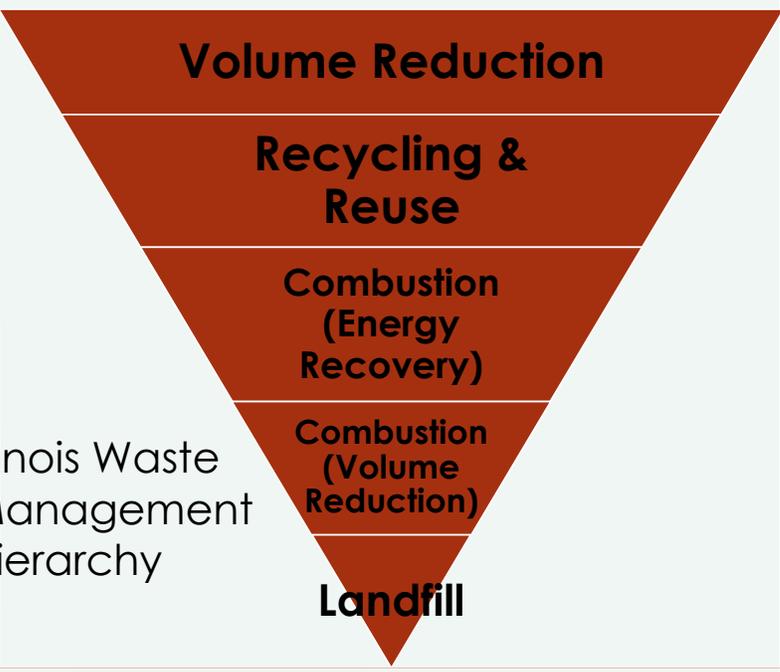


- Solid Waste Management Act
SWMA
- Solid Waste Planning and Recycling Act
SWPRA
- Illinois Environmental Protection Act
EPAct

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Municipal Solid Waste
Garbage, general household and commercial waste, industrial lunchroom or office waste, landscape waste, and construction and demolition debris.

Illinois Waste Management Hierarchy



- Volume Reduction**
- Recycling & Reuse**
- Combustion (Energy Recovery)**
- Combustion (Volume Reduction)**
- Landfill**

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Waste Management
Solid Waste Management
Material Management

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Composition of Landfilled MSW by Material Class

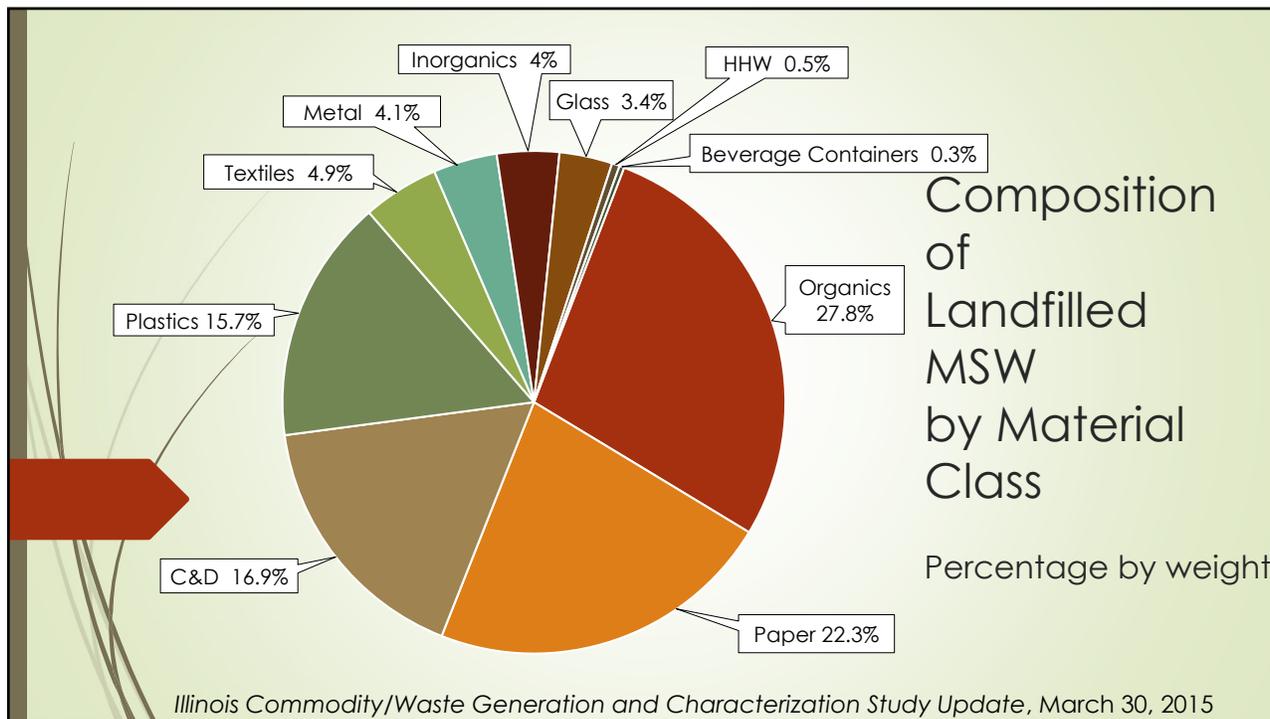
Material Classes

- Paper
- Beverage Containers
- Plastics
- Glass
- Metal
- Organics
- Construction & Demolition (C&D)
- Inorganics
- Household Hazardous Waste
- Textiles

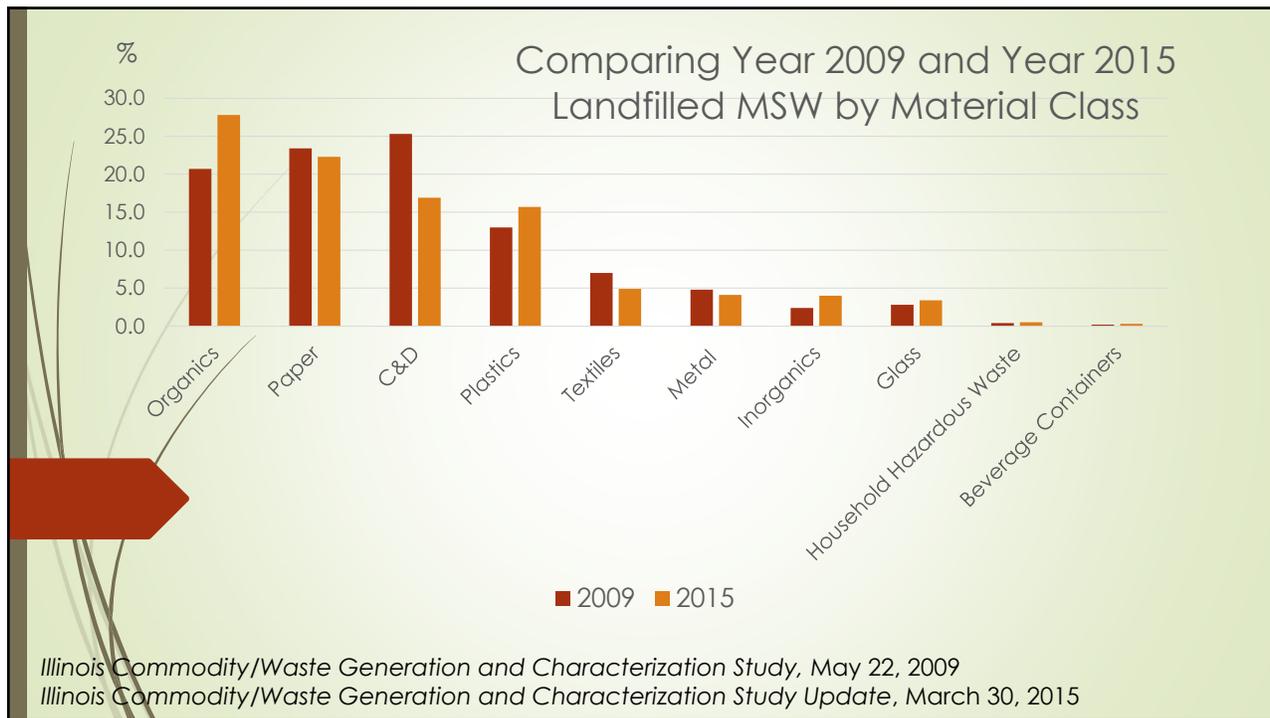
ICWGCS further separates Materials Classes into 79 individual materials categories.

Illinois Commodity/Waste Generation & Characterization Study Update, 2015 (ICWGCS)

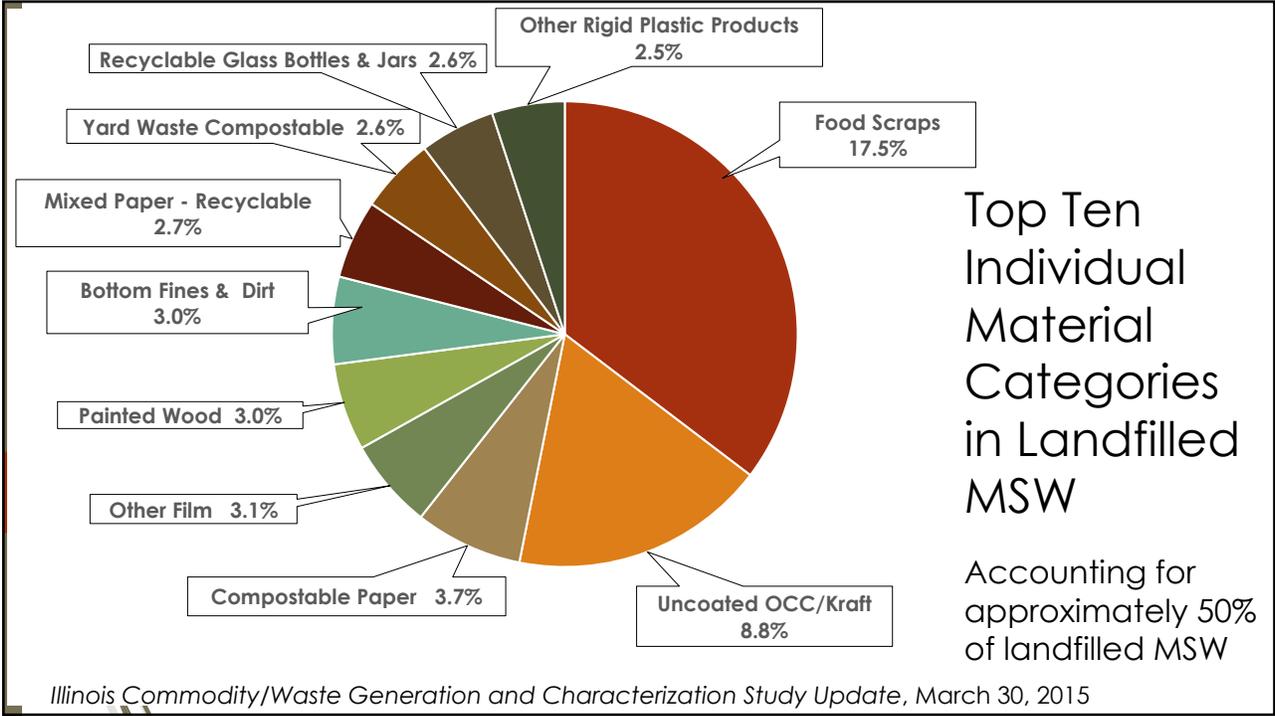
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