

Thurston County Solid Waste System



What we do

Thurston County provides citizens with efficient, reliable, and affordable solid waste collection, handling, recycling and disposal services.



Truck transporting waste to the Roosevelt Landfill.

What guides and drives our work

Regulatory Requirements
Solid Waste Management Plan
Recycling Markets
Waste Characterization Studies
Advisory Committees
County Strategic Plans
Population Growth



Waste sort at the Waste and Recovery Center.

Historical & projected service area population

Thurston County Population Estimates					
Area	2010	2019	2025	2030	2040
Thurston County, Total	252,264	285,800	316,508	335,965	370,699
Unincorporated Areas	135,123	144,035	159,520	169,326	186,832
Incorporated Areas	117,141	141,765	156,988	166,639	183,867
Cities and Towns:					
Bucoda	562	580	627	667	736
Lacey	42,393	51,270	56,830	60,323	66,560
Olympia	46,478	52,770	58,400	61,990	68,399
Rainier	1,794	2,110	2,198	2,333	2,574
Tenino	1,695	1,840	2,041	2,166	2,390
Tumwater	17,371	24,060	26,845	28,495	31,441
Yelm	6,848	9,135	10,047	10,665	11,767

Estimated Growth:

10.7% by 2025

29.7% by 2040

Estimates provided by Washington State Office of Financial Management..



Waste generation projections

Projected Waste Quantities						
Year	Total Population	Waste Generated TPY	Waste Generation Rate	Amount Recycled TPY	Amount Diverted TPY	MSW Disposed TPY
Actual Amounts						
2017	276,900	364,832	7.22	164,174 (45%)	3,648 (1%)	197,010 (54%)
Projected Amounts						
2025	316,508	417,047	7.22	187,671	4,170	225,206
2030	335,965	442,684	7.22	199,208	4,427	239,049
2040	370,699	488,452	7.22	219,803	4,885	263,764

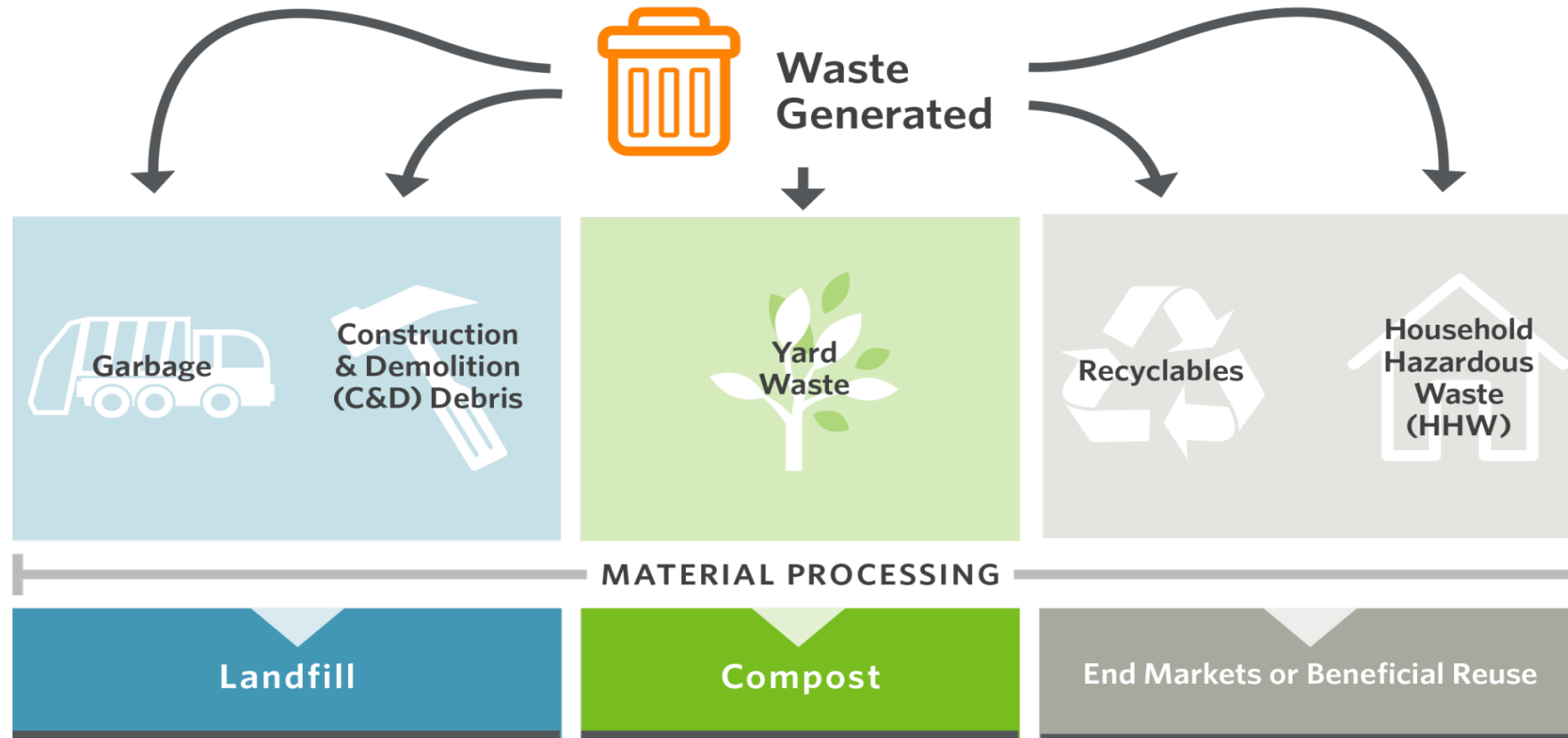
Estimated Increase in Waste Generated:

14.3% by 2025
33.9% by 2040

Waste estimates based on population estimates provided by Washington State Office of Financial Management.



Where does our waste go



Reducing our waste emissions

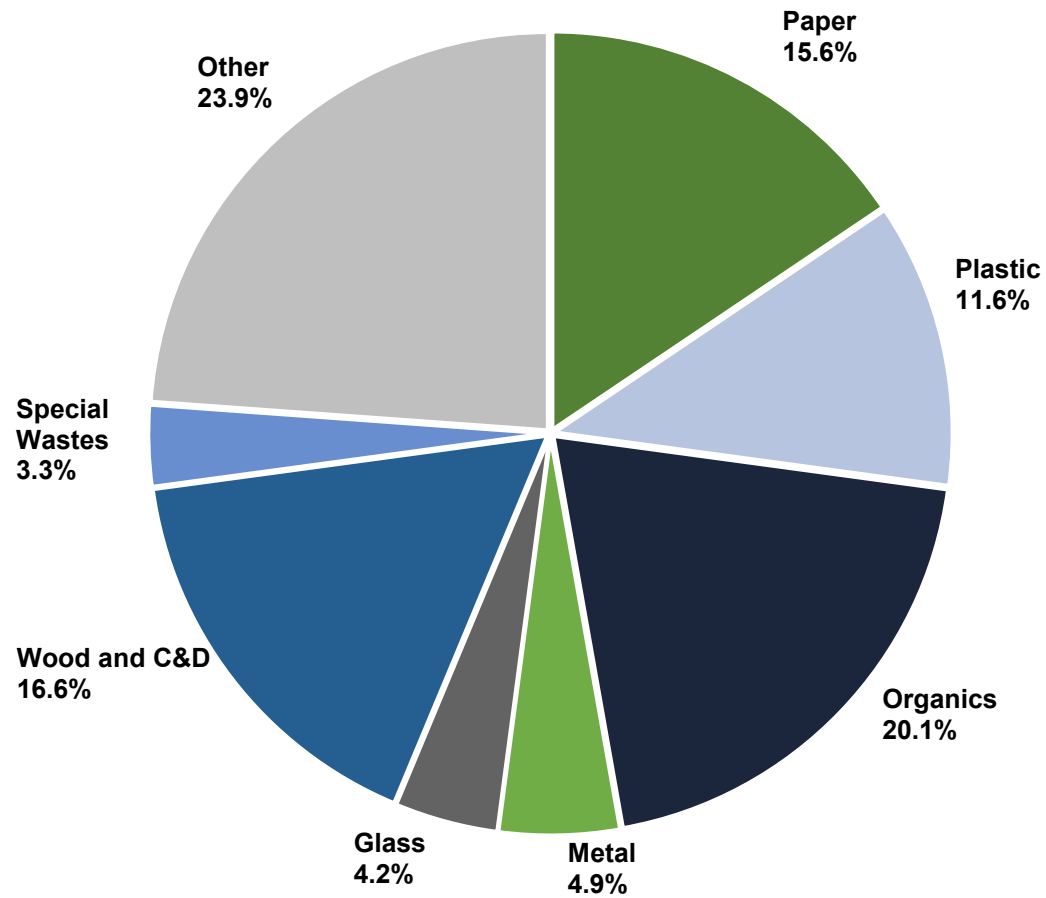
Roosevelt Landfill

- State-of-the-art facility
- Methane turned into energy
- Powers 20,000 homes annually



Power plant at Roosevelt Landfill.

Composition of MSW Disposed (2014)



Data provided by most recent Thurston County waste composition study.

Reducing and diverting waste

At County Facilities

- Recycling
- Household Hazardous Waste
 - Paintcare
- South County Transfer Station Study
- Partners
 - DART
 - Pioneer Recycling (MRF)



Household hazardous waste is managed at the HazoHouse.

Reducing and diverting waste

Barriers

- Consumer contamination of recyclables
- Uncoordinated outreach with haulers
- Contrasting waste company incentives



Garbage being prepared for transport at the Waste and Recovery Center.

Reducing waste with community resources

- Updated website
- Waste wizard
- Social Media
- Mailers
- YouTube
- Coordinated publications with haulers
- Solid Waste Info Line

Where Do I Take My?...

WhereDoITakeMy? English Need help? Share

Type the name of a waste item and we'll tell you how to recycle or dispose of it.

mattress Search

Mattress
Box Spring
Furniture (damaged)
Furniture
Vehicles

Television Mattress Clothing Scrap Metal

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List of Materials Powered by RCollect

Questions? Call (360) 867-2491 or E-mail ThurstonSolidWaste@co.thurston.wa.us

Coming in 2023

- **Results of Waste characterization study**
- Implementation of **House Bill 1799**
- **Compost Procurement Ordinance implementation**
- New WARC Operations Contract (includes newer, more fuel-efficient equipment)