



# *Los Angeles County*

## *Countywide Organic Waste Management Plan*

### *2019 Annual Report*

Presented by: Trishena Robinson

# Senate Bill (SB) 1383



➤ A counties, in coordination with jurisdictions located within the county, shall:

(1) Estimate the amount of organic waste disposal

(2) Identify existing organic waste capacity

(3) Estimate the amount of new or expanded organic waste capacity.





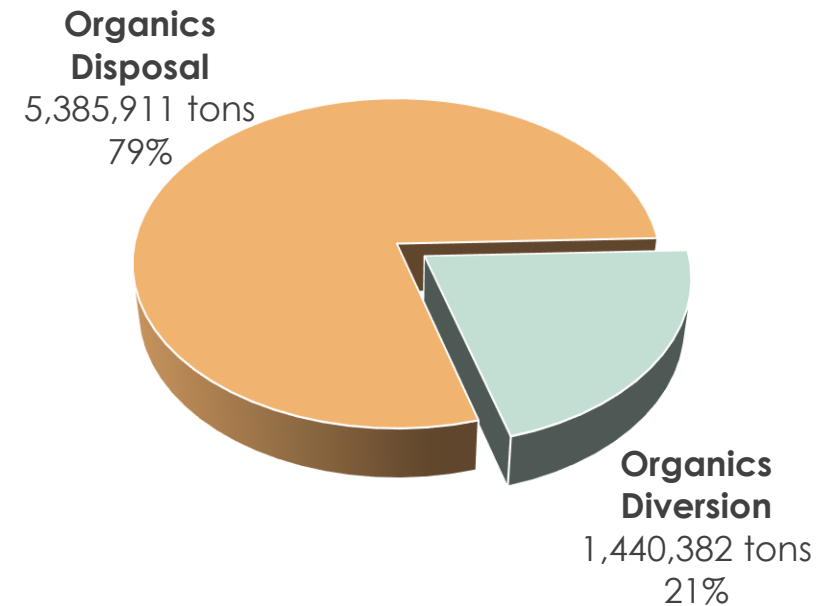
# Senate Bill (SB) 1383

- **Initial Reporting Date:** August 1, 2022  
(Data to be reported to CalRecycle )
- **Reporting Period:** 2022 for a 3-year planning period; and 2024, 2029, and 2034 for a 10-year planning period
- **Materials Analyzed:** Food, green waste, landscape and pruning waste, wood, paper products, printing and writing paper, digestate and biosolids.  

32 (f) For the purposes of this section, only the following type of organic waste shall be  
33 included in estimates: food, green waste, landscape and pruning waste, wood, paper  
34 products, printing and writing paper, digestate and biosolids.
- **Percentage of Organics:** 51.1% (based on Statewide Waste Characterization Study, 2018)

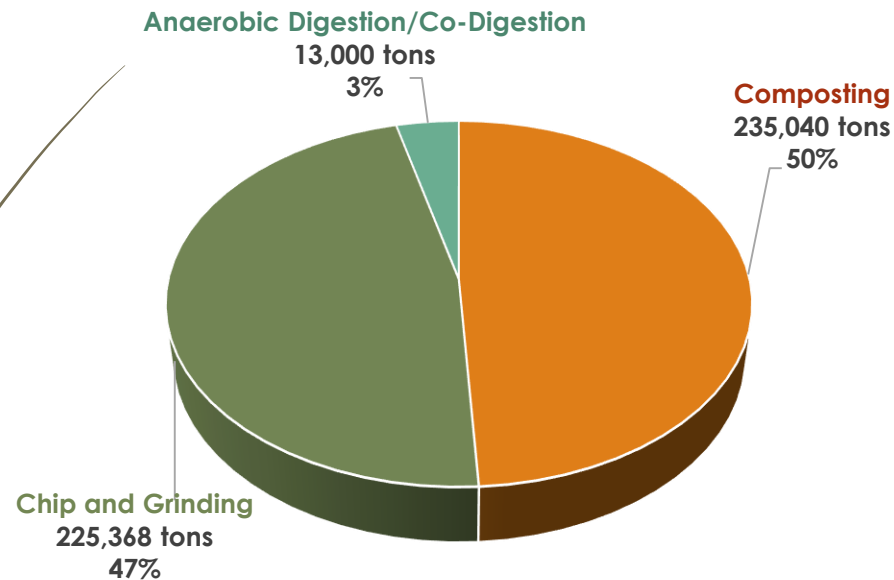
# How Much Organic Waste in 2019?

Waste Stream	Amount of Organic Waste (tons)
Generation	6.8 million
Disposal	5.4 million
Diversion	1.4 million



# Organics Capacity in 2019 (In-County)

**Maximum Potentially Available Capacity in 2019**  
≈ 473,000 tons

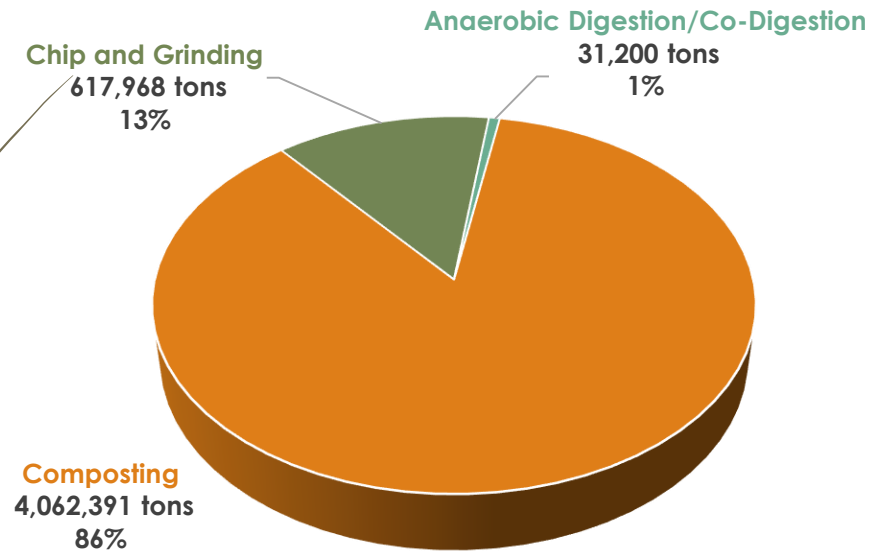


Facility/Operation Type	Potentially Available* Organics Capacity (tons per year)
Composting	≈ 235,000
Chip and Grinding	≈ 225,000
Anaerobic Digestion/Co-Digestion	≈ 13,000

\*Available capacity is rounded to the nearest 1,000 and is based solely on survey responses received from facility operators.

# Organics Capacity in 2019 (Out-of-County) (Kern, Orange, Riverside, San Bernardino & Ventura)

**Maximum Potentially Available Capacity in 2019**  
*≈ 4.7 million tons*



Facility/Operation Type	Potentially Available* Organics Capacity (tons per year)
Composting	≈ 4.1 million
Chip and Grinding	≈ 618,000
Anaerobic Digestion/Co-Digestion	≈ 31,000

\*Available capacity is rounded to the nearest 1,000 and is based solely on survey responses received from facility operators.

# Scenarios 1 & 2

## Projected Organics Capacity Needed

### Assumptions:

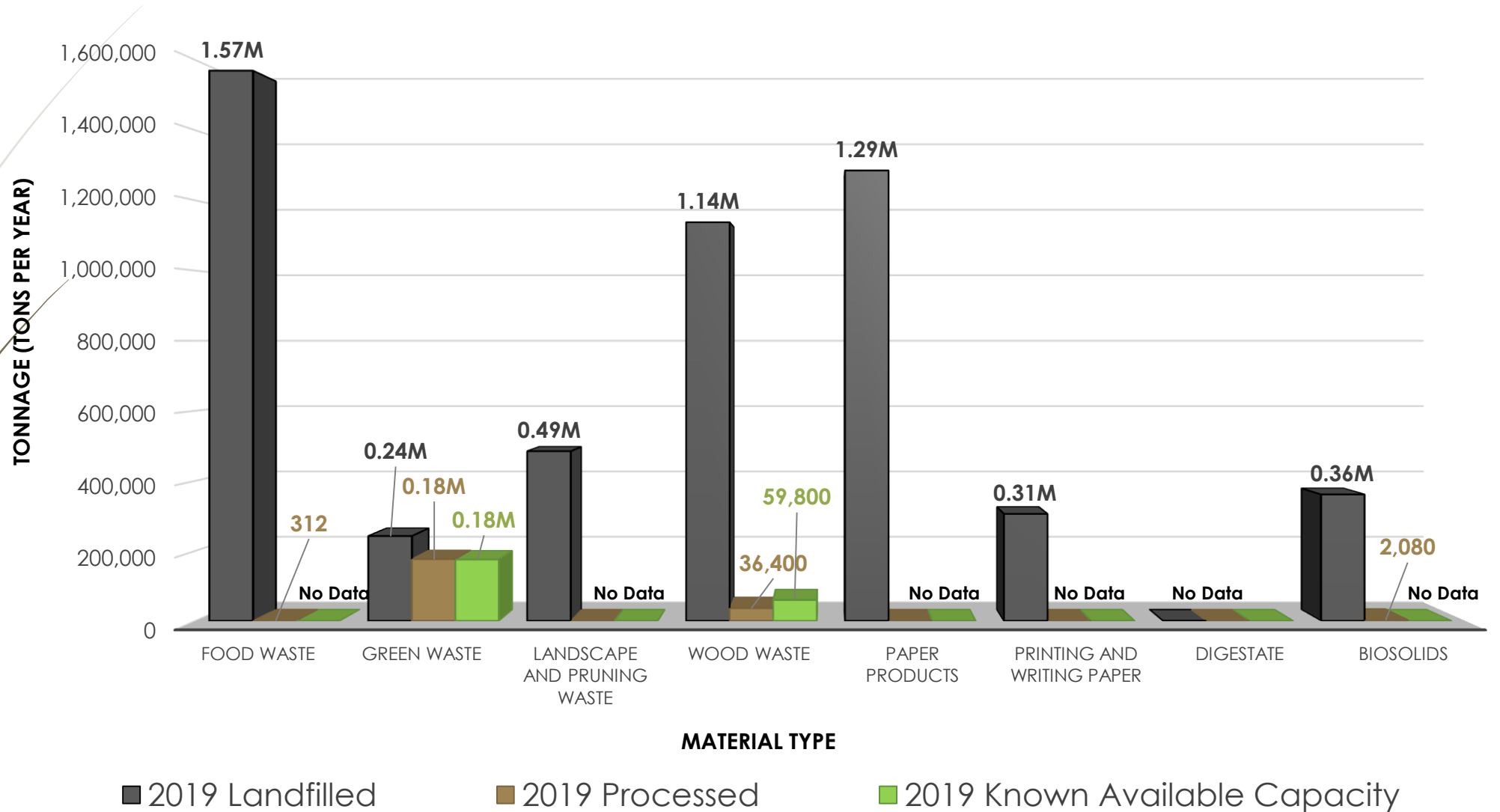
- 100% Reduction in Organic Waste Disposal
- Utilizing all In-County Capacity

Year	Estimated Additional Capacity Needed (w/In- and Out-of-County) (tons)	
	Scenario 1 (Utilizing 25% of Available Out-of-County Capacity)	Scenario 2 (Utilizing 50% of Available Out-of-County Capacity)
2020	3.9 million	2.6 million
2025	3.9 million	2.5 million
2034	4.3 million	3.0 million

**Materials Analyzed:** Food, green waste, landscape and pruning waste, wood, paper products, printing and writing paper, digestate and biosolids.

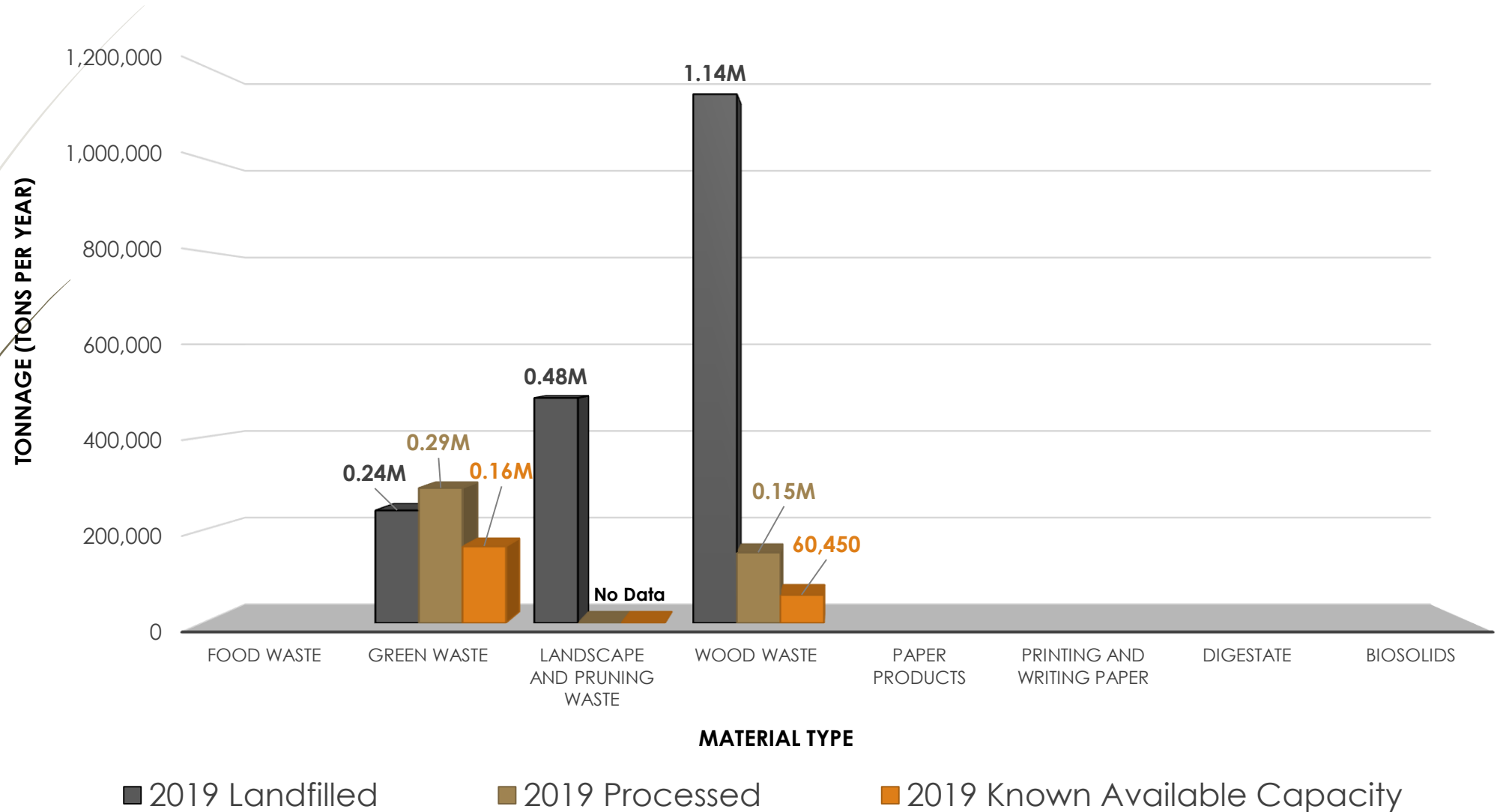


## In-County **COMPOSTING FACILITY** Capacities

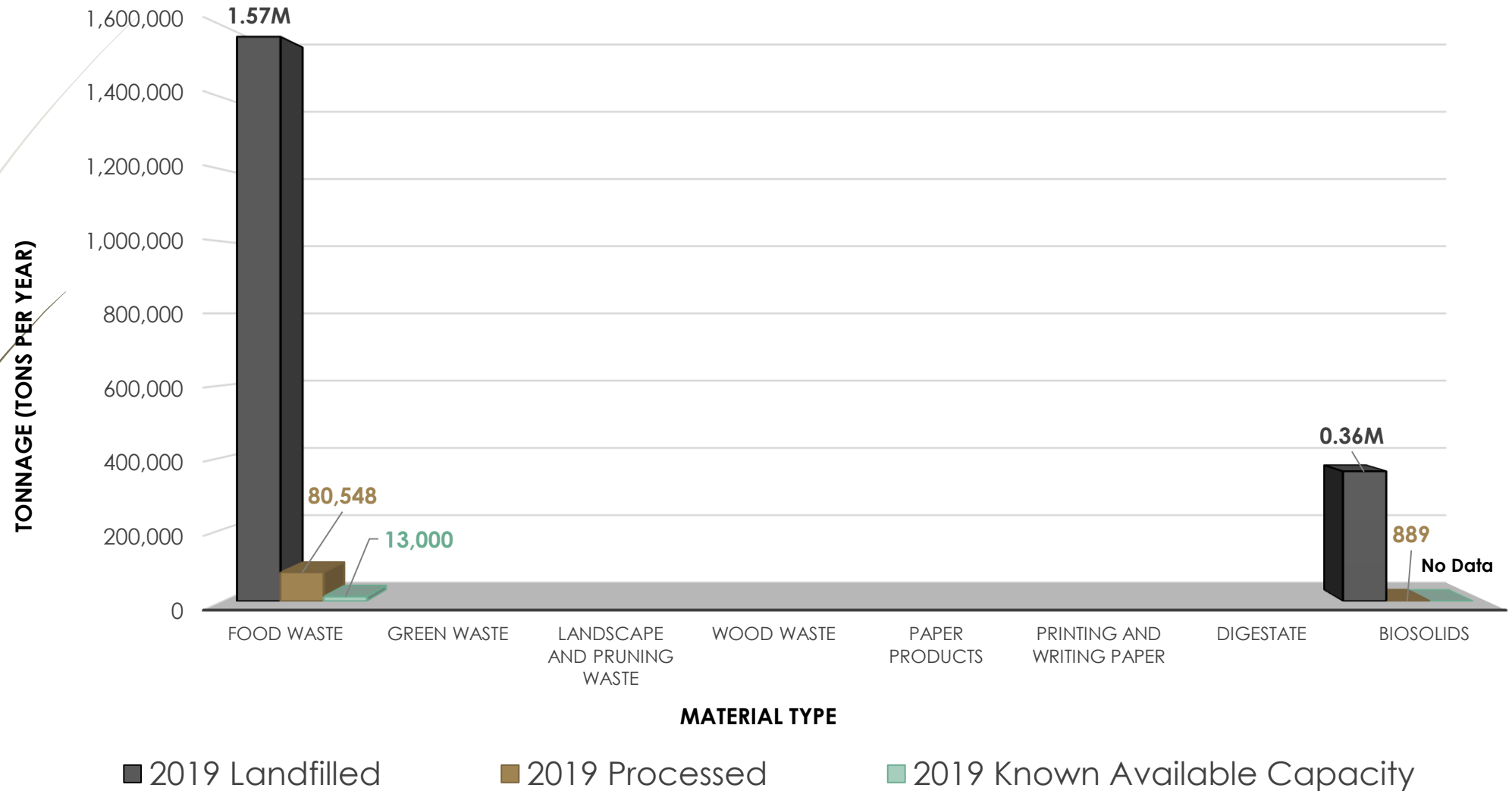




## In-County CHIPPING AND GRINDING FACILITY Capacities



## In-County ANAEROBIC DIGESTION/CO-DIGESTION FACILITY Capacities



Abstract green lines of varying thicknesses and curves, some intersecting, creating a modern, minimalist design.

Thank you