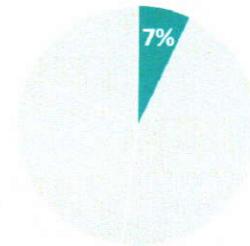


SHASTA REGIONAL CLIMATE ACTION PLAN

WASTE / WATER SECTORS WORKSHEET

Solid waste generates 5 percent of total emissions in Shasta County. This includes residential and non-residential solid waste generation.

Water consumption and wastewater treatment combined generate 2 percent of total emissions in Shasta County.



119,898 MT CO₂e/Year

Total Shasta County Waste, Water, and Wastewater Emissions

KEY WASTE & WATER SECTOR CONCEPTS ARE:

- Gallons per household
- Pounds of waste per capita per day
- Waste characterization

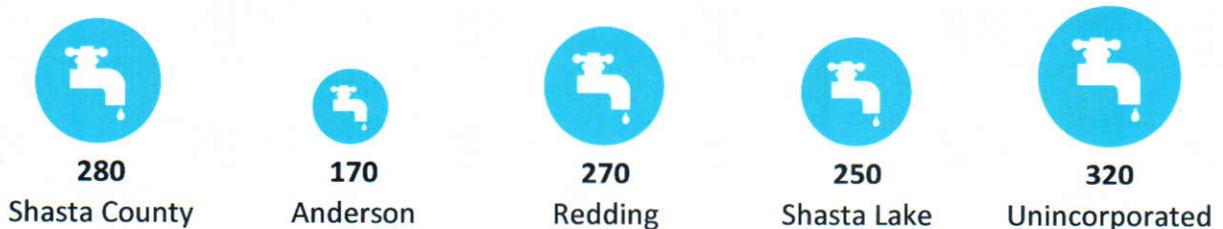
Solid Waste Baseline 2008 Emissions (MT CO₂e/Year)							
Anderson		Redding		Shasta Lake		Unincorporated	
5,057	4%	63,653	6%	4,139	3%	29,233	3%

Water Consumption Baseline 2008 Emissions (MT CO₂e/Year)							
Anderson		Redding		Shasta Lake		Unincorporated	
661	1%	8,208	1%	946	1%	8,001	1%

Pounds of waste per capita per day



Gallons of water per capita per day



SHASTA REGIONAL CLIMATE ACTION PLAN

WASTE / WATER SECTORS WORKSHEET

<i>Shasta County Waste Characterization</i>		
Material Type	Tons	Percent
Food Waste	24,214	18%
Yard Waste	11,437	9%
Lumber	6,398	5%
Other Compostable	506	<1%
Paper and Cardboard	41,706	31%
Other Organic	8,213	6%
Textiles	3,010	2%
Plastic	11,840	9%
Metal	7,888	6%
Glass	4,708	4%
Hazardous Waste	373	<1%
Other	13,064	10%
Total	133,357	
Notes: Green text indicates compostable waste product.		

<i>Percent Contribution of Compostable Waste Materials in Shasta County</i>		
Material Type	Residential	Commercial
Food Waste	34%	66%
Yard Waste	48%	52%
Lumber	9%	91%
Other Compostable	0%	100%

<i>Top Three Commercial Use Generators of Compostable Waste in Shasta County</i>		
Material Type	Commercial Use	Percent
Food Waste	Retail Trade-Restaurants	43%
	Retail Trade-Food Store	13%
	Services-Medical / Health	9%
Yard Waste	Services-Education	21%
	Services-Other Professional	14%
	Services-Medical / Health	11%
Lumber	Construction	29%
	Retail Trade-Building Material and Garden	18%
	Manufacturing-Lumber and Wood Products	13%

SHASTA REGIONAL CLIMATE ACTION PLAN

WASTE / WATER SECTORS WORKSHEET

EXAMPLES OF EMISSION REDUCTION STRATEGIES – WASTE

- Expand organic waste diversion programs (combined yard trimming, food scrap collection)
- Convert to low-emission waste and recycling trucks

EXAMPLES OF EMISSION REDUCTION STRATEGIES – WATER

- Promote existing water conservation programs
- Promote rebates for water efficient appliances and fixtures
- Promote removal of turf-grass and installation of water-efficient landscaping
- Provide rebates for installation of water efficient landscape irrigation systems
- Promote installation of rainwater and greywater systems
- Redesign water bills to inform residents and encourage water conservation