

CDPH/SDSU Tobacco Product Waste Environmental Economics Fact Sheet

What is tobacco product waste?

- Tobacco product waste (TPW) consists of the trash and pollution associated with discarded and used tobacco products, including components of cigarette butts, packaging, chew cans, cigar wraps, snuff pouches, and discarded electronic smoking device (ESD).

What are the costs of Tobacco Product Waste?

- Economic burden on government, businesses, and the public associated with prevention and abatement.
- Economic and humanistic burden associated with ingestion, fires, and environmental contamination.
- Economic and ecosystem burdens associated with contamination of bodies of water, wetlands, beaches, and soil.

Prevention Costs of TPW

- Direct government administration and enforcement of laws and regulations targeting unlawful waste disposal.
- Administration of anti-litter and anti-dumping educational campaigns alongside enforcement efforts.
- Communications and rules imposed by private entities designed to prevent or inhibit littering on or near private property.

Data to Estimate the Cost

- *Public Local Data*
 - Local Agencies and Stakeholders (Dept. of Public Works, Parks and Recreation, school systems, local non-profits)
- *Private Local Data*
 - Manual waste collection events, Anti-Litter campaigns costs, Outdoor smoking ban campaign costs
- *Local agencies and Stakeholders*
 - Environmental Advocacy Groups to measure person time TPW cleanups and clean up data. (Person-time is an estimate of the actual time in years, months, or days – that all participants contributed to a study)
 - Local Businesses signage costs

