Demolition Permits Issued for the City of San Francisco

C&D Ordinance took effect
July 2006

Great U.S. Recession
Dec 2007 - June 2009

Source: DBI Monthly Permit Reports
Site Separated Salvage or Reuse

**TOP 3 MATERIALS**

- Concrete: 65.4%
  19,677 tons

- Rock/Dirt/Soil: 16.2%
  4,881 tons

- Brick, Masonry, Tile: 12.2%
  3,659 tons

**Wood:** less than 1% site separated
(e.g., Pallets, Lumber, Cabinets, Fixtures, Doors, Windows, and Equipment)
  245 tons

Source: Demolition Debris Recovery Plans
Photo Source: Overoa Construction
Recycling

TOP 3 MATERIALS

- Concrete: 88.9%
  290,791 tons

- Metal: 6.7%
  21,941 tons

- Asphalt: 2.3%
  7,493 tons

Wood: 0.4%
  1,298 tons

Source: Demolition Debris Recovery Plans
Photo Source: The Shelly Company
Biomass Use for San Francisco C&D Material 2009-2017

- 2/2011, Air Pollution Control District fines biomass
- 2014, Power Purchase Agreements start to expire, without renewal
- 6/2009, National Recession ended
- 2016, SB 859 mandates purchase of 125 MW bioenergy/yr over next 5 years

Source: SF Registered Facility Annual Reports
Primary Outlets for San Francisco C&D Wood

Biomass

Mulch

Photo Source: Zanker Recycling & Warren Gretz NREL 00298 for CA Energy Commission
Breakdown of 2016 Demolition Permits Issued

93 Total Demolitions

- 1-2 Family Dwellings: 34%
- Garage/ Auto Related: 18%
- Services: 15%
- Industrial/Warehouse: 16%
- Office: 11%
- Other: 2%
- Apartments: 4%

Source: DBI Monthly Permit Reports
2016 Construction & Demolition Trends for San Francisco

- **Other Building Type**
  - Alteration Permits Issued
  - $250K+

- **1-2 Family Dwelling**
  - Alteration Permits Issued
  - $250K+

Source: DBI Monthly Permit Reports