

## California Biosolids Use and Disposal in 2015

(Figures are in dry metric tons for calendar year.)

### Generated:

Statewide:	665,000
North Coast:	8,000
San Francisco Bay:	154,000
Central Coast:	21,000
Los Angeles Basin:	211,000
Central Valley:	88,000
Lahontan:	15,000
Colorado River:	13,000
Santa Ana:	96,000
San Diego:	59,000

### Use and disposal:

Land application:	412,000
Landfills:	192,000
ADC:	134,000
Fill:	58,000
Incineration:	20,000
Surface disposal:	20,000
Deep well injection:	1,000

Temporary storage, long-term treatment in lagoons: ~ 20,000 (of solids received in 2015); ~ 70,000 (including accumulated amounts from past years).

### California biosolids shipped out of state:

To Arizona:	<u>86,000</u>
Land application (Class B and non-compost Class A):	72,000
Composting:	13,000
Landfill:	1,000
To Nevada:	<u>3,000</u>
Composting:	2,000
Landfill:	1,000
To Oregon: Landfill:	400
Landfill:	

### Land application:

Class A:	280,000
Compost:	206,000
Thermophilic digestion:	58,000
Heat dried:	14,000
Air or solar dried, Alternative 4:	2,000
Class B:	132,000

Major counties receiving biosolids for composting (final destinations of compost product may not be tracked)\*:

San Bernardino (3 regional composters):	92,000
Kern (2 regional composters):	78,000
La Paz, AZ (1 composter, takes only California biosolids)	13,000
Merced (1 regional composter):	12,000
Santa Barbara (1 regional composter)	5,000

(\*figures represent tonnages of biosolids received. Ratios of bulking agents added vary widely. Tonnages of final compost product may be higher or lower depending on length time composted and bulking agent ratios.)

Major counties taking CA biosolids land application (Class B and non-compost Class A

Yuma, AZ:	72,000	(mix of Class A and B on unincorporated lands)
Kern:	61,000	(Class B on city-owned lands, Class A on unincorporated lands)
Merced:	43,000	(mix of Class A and B, city and unincorporated lands)
Sacramento:	25,000	(Class B on unincorporated lands and heat dried Class A)
Sonoma:	9,000	(mostly Class B, combination of city and unincorporated lands)
Solano:	7,000	(Class B on unincorporated lands and heat-dried Class A)

Major counties taking biosolids at landfills:

Santa Clara County:	53,000	(ADC)
San Diego County:	33,000	(ADC)
Contra Costa County:	24,000	(ADC and fill)
Solano County:	23,000	(ADC and fill)
Kern:	20,000	(fill, back filling excavated mine)
Ventura:	15,000	(ADC and fill)