



Edible Food Recovery Tool *Training*

County of San Diego



January 19, 2020



Agenda

- ▶ Planning for Edible Food Recovery Capacity
 - ▶ Identifying the gap between disposal and capacity
 - ▶ Edible Food Recovery: Program Implementation
-
- ▶ Tool Methodology
 - ▶ Detail review of data gathering
 - ▶ How to use the tool
 - ▶ Resources

Edible Food Recovery:

Planning for Capacity (Section 18992.2.)

County of San Diego and the cities located within the county are each required to do the following for their jurisdiction:

✓ Estimate the amount of edible food that will be disposed by Tier 1 and 2 commercial edible food generators (absent new programs)

Tool addresses
this step

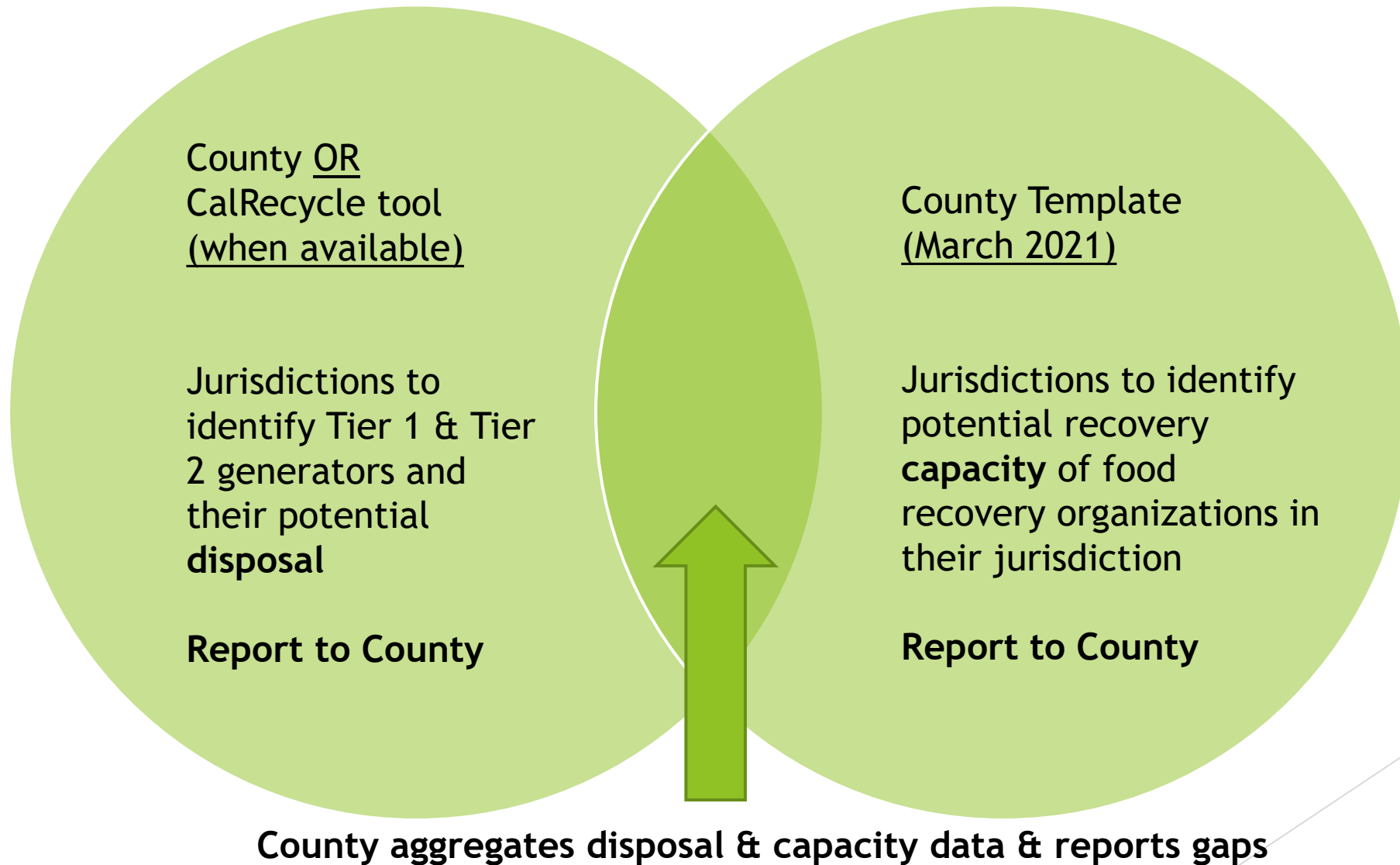


✓ Identify existing capacity at food recovery organizations and services

✓ Identify, if any, the amount of new or expanded capacity needed

✓ Identify proposed new or expanded food recovery organizations and services that will be used

Edible Food Disposal vs. Capacity



Edible Food Recovery:

Program Implementation



Conduct education and outreach to all Tier 1 & Tier 2 commercial edible food generators



Increase commercial edible food generator access to food recovery organizations and food recovery services



Monitor edible food generator compliance and conduct enforcement.

- Monitoring and education begins in January 2022
- Local enforcement actions start January 2024



Increase edible food recovery capacity if the current capacity is not meeting the need.

Edible Food Recovery Tool



Estimates Edible Food Disposal



Estimates Potential Food Recovery

Tool Methodology

- ▶ Identify generators and aggregate their business data by sector
- ▶ Review hauler account records, business license records, economic development data, food facility licensees from the health department, etc. to identify what records are readily available for food generating businesses
- ▶ Refer to "Business Data Needed" tab to identify information needed for each business sector of interest such as facility size, sales revenue, etc.

Identifying Tier 1 & Tier 2 Generators

Tier 1 - Must have program by January 1, 2022

- Supermarket, with gross annual sales of \$2,000,000 or more;
- Grocery store with a total facility size equal to or greater than 10,000 square feet;
- Food service provider;
- Food distributor;
- Wholesale food vendor.

Tier 2 - Must have program by January 1, 2024:

- Restaurant with 250 or more seats, or a total facility size equal to or greater than 5,000 square feet;
- Hotel with an on-site food facility and 200 or more rooms;
- Health facility with an on-site food facility and 100 or more beds;
- Large venue;
- Large event;
- A state agency with a cafeteria with 250 or more seats or a total cafeteria facility size equal to or greater than 5,000 square feet;
- A local education agency with an on-site food facility.

Collecting Data for Using the Tool

Food Disposal Estimates by Business Group				
<i>**adapted from NRDC's "City Wasted Food and Rescue Potential Calculator" and CalRecycle's 2014 Generator Study</i>				
Business Group	ENTER DATA HERE		Conversion factor to tons of food waste DISPOSAL (Note 1)	Tons food waste disposed per year
Tier 1 Commercial Edible Food Generators				
Grocery Stores and Supermarkets	20	employees	0.46	9
<i>Do Not Double Count w/ Others Below!</i>				
Warehouse Clubs and Supercenters (SB1383 Supermarkets)	40	employees	0.47	19
Other Retail w/ Food (Other Potential SB 1383 Grocery Stores)	100	employees	0.31	31
Food Service Providers- (3rd Party Sites, Corporate Cafeterias, etc.)		employees (food service employees)	1.5 tons/kitchen employee/year	
<i>Enter Food Service Employees or Facility Employees (not both)</i>	2,000	total employees at facility	40 pounds/employee/year	40
Food Distributors	200	employees	0.47	95
Wholesale Food Vendors	200	employees	0.47	95

Tool returns estimated of tons of food waste for Tier 1 and Tier 2 generators to help target outreach

- Refer to "Business Data Needed" tab to identify information needed for each business sector of interest such as facility size, sales revenue, etc.

Facility Type	SB 1383 Notes	Identify Commercial Edible Food Generators							
		Seats	Visitors	Facility Size		Gross Sales	Rooms	Beds	Onsite Food Facility
Tier 1 Commercial Edible Food Generators									
Supermarkets	Gross sales. CalRecycle already identifies Supermarkets in CRV Program.					\$ 2,000,000			
Grocery Stores	Facility size			10,000	sf				
Food Service Providers									
Food Wholesale Vendors and Distributors									
Tier 2 Commercial Edible Food Generators									
Restaurants	Seats or facility size	250		5,000	sf				
Health Facilities	# beds, onsite food facility							100	X
Large Venues	# seats and/or annual average of daily visitors	2000*	2000*						
Large Events	attendees/ day. Sum up annual total		2000						
Hotel	# rooms, onsite food facility						200		X
State agencies	Onsite cafeteria seats or cafeteria facility size	250		5,000	sf				X
Local Education Agencies	Onsite food facilities. Public schools and central kitchens								X
Other (might fit into one of the above)									
Food Production	Include those that are wholesale food vendors and/ or distributors. Growers and producers are not necessarily Commercial Edible Food Generators . Very dependent on individual businesses.								
Corporate Sites w/ Food Service	Could fall under Restaurant definition or Food Service Provider								X
Other government agencies w/ onsite food facility	Could fall under Restaurant definition or Food Service Provider								X
Prisons/ correctional facilities	# inmates. Also note central production facilities								X

Step 1: Collecting Business Data

Jurisdictions need to identify Tier 1 & Tier 2 generators

—————→ **MOST LABOR-INTENSIVE STEP!** ←————

Multiple avenues for collecting data:

- ▶ Purchased Business Lists
 - ▶ Hoovers (Dun & Bradstreet)
 - ▶ Spectrum (local firm)
- ▶ DEH Food Facility List
- ▶ Property/ real estate or leasing data
- ▶ Business License Data/Economic Development Data from your own jurisdiction's licenses or permits
- ▶ Web research
 - ▶ (<https://dq.cde.ca.gov/dataquest/>) (schools data)
 - ▶ <https://www.cdph.ca.gov/Programs/CHCQ/LCP/CalHealthFind/Pages/SearchResult.aspx> (healthcare facilities)
- ▶ All data probably won't be available from a single source, unfortunately.
- ▶ Process requires data crunching, general knowledge and confirming hunches.

Step 1: Collecting Business Data

▶ Purchased Business Lists

- ▶ Hoovers (Dun & Bradstreet)
- ▶ Spectrum (local firm)

Lori León

lori@spectrumlists.com

760-730-0588 Direct Phone

855-966-LIST (5478) Toll Free Fax

888-394-LIST (5478) Toll Free Phone

Spectrum Mailing Lists

300 Carlsbad Village Drive
Suite 108A

Carlsbad, California 92008

www.spectrumlists.com

*Other listing companies available as well

Business Lists

▶ What to look for

- ▶ Zip code or geographic boundary of jurisdiction
 - ▶ Caution if using zip codes that cross jurisdiction boundaries
 - ▶ Can confirm Address/ Jurisdiction using <https://sdgis.sandag.org/> (ensure jurisdiction layer is on)
 - ▶ Planning and education requires ALL generators including military (federal), state agencies, schools, etc., even if jurisdiction won't be responsible for enforcement on all generators.
- ▶ Food- Related Businesses
 - ▶ SIC or NAICS code query
- ▶ Relevant data including employee #, facility square footage, sales volume, etc.

Business Lists

→	COMPANY NAME
	ADDRESS
	CITY
	STATE
	ZIP CODE
	COUNTY
	PHONE NUMBER
	WEB ADDRESS
	LAST NAME
	FIRST NAME
	CONTACT TITLE
	CONTACT PROF TITLE
→	ACTUAL EMPLOYEE SIZE
	EMPLOYEE SIZE RANGE
→	ACTUAL SALES VOLUME
	SALES VOLUME RANGE

PRIMARY SIC
PRIMARY SIC DESCRIPTION
SECONDARY SIC #1
SECONDARY SIC DESCRIPTION #1
SECONDARY SIC #2
SECONDARY SIC DESCRIPTION #2
INDUSTRY SPECIFIC CODES
HEADQUARTERS/BRANCH
YEAR 1ST APPEARED
OFFICE SIZE
SQUARE FOOTAGE
FIRM/INDIVIDUAL
LOCATION ADDRESS
LOCATION ADDRESS CITY
LOCATION ADDRESS STATE
LOCATION ADDRESS ZIP

Business Lists

► SIC or NAICS Code Selection

SIC Code	Description	Count	Percentage
20	Food & Kindred Products Mfrs	23	1.64
45	Transportation By Air	10	0.71
	Wholesale Trade-Nondurable		
51	Goods	63	4.5
53	General Merchandise Stores	69	4.93
54	Food Stores	112	8
58	Eating & Drinking Places	337	24.07
59	Miscellaneous Retail	241	17.21
70	Hotels Rooming Houses & Camps	70	5
78	Motion Pictures	8	0.57
	Amusement & Recreation		
79	Services	229	16.36
80	Health Services	49	3.5
82	Educational Services	157	11.21
83	Social Services	17	1.21
	Museums Art Galleries &		
84	Gardens	15	1.07
Total		1,400	100

Add	Examples
	Trucking-
4222	421308 Refrigerated
9199	919907 State Parks
	State Govt-
	Correctional
92	922302 Institutions

SIC Code	Description	Count	Percentage
2024	Ice Cream & Frozen Desserts	1	0.07
2047	Dog & Cat Food	1	0.07
2052	Cookies & Crackers	1	0.07
2082	Malt Beverages	6	0.43
2084	Wine Brandy & Brandy Spirits	4	0.29
2086	Bottled & Canned Soft Drinks	1	0.07
2087	Flavoring Extracts & Syrups Nec	1	0.07
	Potato Chips Corn Chips/Similar		
2096	Snacks	1	0.07
2099	Food Preparations Nec	7	0.5
4512	Air Transportation-Scheduled	1	0.07
4581	Airports Flying Fields & Services	9	0.64

SIC Code	Description	Count	Percentage
202498	Ice Cream & Frozen Desserts (Mfrs)	1	0.07
204701	Dog & Cat Food (Mfrs)	1	0.07
205203	Pretzels-Manufacturers	1	0.07
208201	Brewers (Mfrs)	6	0.43
208401	Wineries (Mfrs)	4	0.29
208604	Beverages-Manufacturers	1	0.07
208798	Flavoring Extracts & Syrups Nec (Mfrs)	1	0.07
209698	Potato Chips Corn Chips/Snacks (Mfrs)	1	0.07
209903	Food Products & Manufacturers	1	0.07
209910	Health Food Products-Manufacturers	3	0.21
209918	Nutritional Food Supplements-Mfr	2	0.14
209998	Food Preparations Nec (Mfrs)	1	0.07
451201	Airline Companies	1	0.07
458106	Airports	1	0.07
458111	Airline Support Services	2	0.14
458118	Airport Services	6	0.43

Example Raw Data - Unincorporated

SB1383 SECTOR	COMPANY NAME	LOCATION ADDRESS	LOCATION ADDRESS CITY	SQUARE FOOTAGE	ACTUAL EMPLOYEE SIZE	ACTUAL SALES VOLUME	PRIMARY SIC	PRIMARY SIC DESCRIPTION	SECONDARY SIC #1	SECONDARY SIC DESCRIPTION #1
Wholesale Clubs and Supercenters (Wal-Mart, Target, Costco, Sam's Club etc)					365	75915000				
Supermarket	Target	935 Sweetwater Rd # 101	Spring Valley	100,000+	150	31198000	531102	Department Stores	531102	Department Stores
Supermarket	Target	2911 Jamacha Rd	El Cajon	100,000+	150	31198000	531102	Department Stores	541105	Grocers-Retail
Supermarket	Walmart Supercenter	13487 Camino Canada	El Cajon	100,000+	65	13519000	531102	Department Stores	541105	Grocers-Retail

Other Data Sources:

Jurisdiction Business License or Economic Development, Tourism Data

- ▶ Business ID information
- ▶ SIC or NAICS classifications
- ▶ Employee Size* (if using County's tool)
- ▶ Sales Volumes?
- ▶ What other information does jurisdiction maintain that can help?
 - ▶ # of seats or facility square footage?
 - ▶ Annual visitors to venues?
 - ▶ Use or Occupancy Permits
 - ▶ Special Event or Traffic Permits → # of Visitors

*Business license information may be more accurate than purchased data

Licensed Food Facility Permits (DEH)

CivicData

[Find Data](#) [Why CivicData?](#) [Contact Us](#) [Log in](#) [Register](#)

[/ Find Data / County of San Diego / County of San Diego-DEH FHD ... / County of San Diego-DEH FHD ...](#)

County of San Diego-DEH FHD Food Facilities

URL: http://www.civicdata.com/api/3/action/datastore_search?resource_id=94b90880-69e5-4a1a-a136-50e5f001a68d

This table provides a list of currently operating Food Facilities regulated by the County of San Diego Department of Environmental Health Food and Housing Division. For a description of this data, see Facility data description. If additional information is needed, please see our Public Records Request webpage.

Grid Graph Map 50201 records 1 - 100 Go Search data ... Go Filters

_id	Record ...	Record ...	Permit ...	Active ...	Busine...	Address	City	Zip	Permit ...	Permit ...
1	DEH200...	THE LO...	Void	N	Prepack...					
2	DEH200...	THE LO...	Void	N	Prepack...					
3	DEH200...	WILD AN...	Comple...	N	Prepack...					
4	DEH200...	WILD AN...	Void	N	Prepack...					
5	DEH200...	WILD AN...	Comple...	N	Prepack...					
6	DEH200...	WILD AN...	Comple...	N	Prepack...					
7	DEH200...	SAFARI ...	Comple...	N	Prepack...	15500 S...	ESCOND...	92027-9...	ZOOLOG...	619-747...
8	DEH200...	WILD AN...	Comple...	N	Prepack...					
9	DEH200...	WILD AN...	Comple...	N	Prepack...					
10	DEH200...	WILD AN...	Void	N	Prepack...					
11	DEH200...	WILD AN...	Comple...	N	Prepack...					
12	DEH200...	WILD AN...	Comple...	N	Prepack...					
13	DEH200...	KNOTTS...	Comple...	N	Prepack...					
14	DEH200...	KNOTTS...	Comple...	N	Prepack...					
15	DEH200...	KNOTTS...	Comple...	N	Prepack...					
16	DEH200...	DOLORES	Comple...	N	Prepack...	2244 S S...	VISTA	92083	LAZARO ...	760-598...
17	DEH200...	MIJAS IC...	Comple...	N	Prepack...	2244 S S...	VISTA	92083	ROSA HE...	760-639...
18	DEH200...	LISA	Comple...	N	Prepack...	1021 C...	NATION...	91950	LISA TRAN	-477-7171
19	DEH200...	BREAD &...	Comple...	N	Prepack...	350 UNI...	SAN DIE...	92103	BREAD &...	619-683...
20	DEH200...	BENCIE ...	Comple...	N	Vending...	1001 E ...	VISTA	92084	DAVID E...	760-940...
21	DEH200...	GRANAD...	Comple...	N	Prepack...	137 VIR...	SAN YSI...	92173	RAUL GR...	619-662...

Why Useful? Confirmation that sites have onsite Food Facilities

- Health Facilities and Hotels
- Corporate Sites
- Food Service Providers
- Venues
- Prep/ Commercial Kitchens
- Warehouses
- Food Vendors

<http://www.civicdata.com/>

*Does not break down Tier 1 and Tier 2 Generators.

Tier 1 January 1, 2022

Supermarket

“Supermarket” means a full-line, self-service retail store with gross annual sales of two million dollars (\$2,000,000), or more, and which sells a line of dry grocery, canned goods, or nonfood items and some perishable items.

- Purchased and/ or Business License Lists to Confirm
 - Employee Size (for the County’s tool)
- *Supermarkets- National Chains, Local and Boutique Stores*
- *Wholesale/ Warehouse Stores (Costco, Sam’s Club, etc)*
- *Supercenters (Target, WalMart, etc)*

Supermarket...

[CalRecycle Home](#) » [Beverage Container](#) » Convenience Zone and Recycling Center Status Report

Convenience Zone Status

Zone Status:

- ☒ Exempt
- ☒ Served
- ☒ Hold
- ☒ Unserved

County

San Diego

City (starts with)

Search

Reset

- Supermarket is identified in the Progressive Grocer Marketing Guidebook.
- Supermarket gross annual sales are \$2 million or more.
- Supermarket is considered a "full-line" store that sells a line of dry groceries, canned goods, or non-food items and perishable items.

<https://www2.calrecycle.ca.gov/BevContainer/ConvenienceZones>

Export to Excel

County ↑	City ↑	Zone Number	Zone Status	Zone Status Change Date	Market Name	Market Address	Zip	Facility Name	Facility Address	Operational Date
San Diego	Alpine	11059	Unserved	03/02/2020	Barons Market	1347 Tavern Rd	919013853		null	
San Diego	Alpine	11314	Unserved	03/02/2020	Albertsons	2955 Alpine Blvd	91901		null	
San Diego	Bonita	12620	Unserved	02/10/2017	Vons Market	4404 Bonita Rd	91902- 1423		null	

Grocery store with a total facility size $\geq 10,000$ square feet.

“Grocery store” means a store primarily engaged in the retail sale of canned food; dry goods; fresh fruits and vegetables; fresh meats, fish, and poultry; and any area that is not separately owned within the store where the food is prepared and served, including a bakery, deli, and meat and seafood departments

The definition lacks an “or”

Grocery store does not need to sell all of these types of items

- Purchased and/ or Business License Lists
 - Confirm Facility Size
 - Employee Size (for the County’s tool)



Food Service Provider

Food service provider means an entity primarily engaged in providing food services to institutional, governmental, commercial, or industrial locations of others based on contractual arrangements with these types of organizations

- All Data Sources
 - Central Production Kitchens
 - Sites using 3rd party operators
- Purchased and/ or Business License Lists
 - Employee Size (for the County's tool)
 - Total Employees or Food Service Employees only

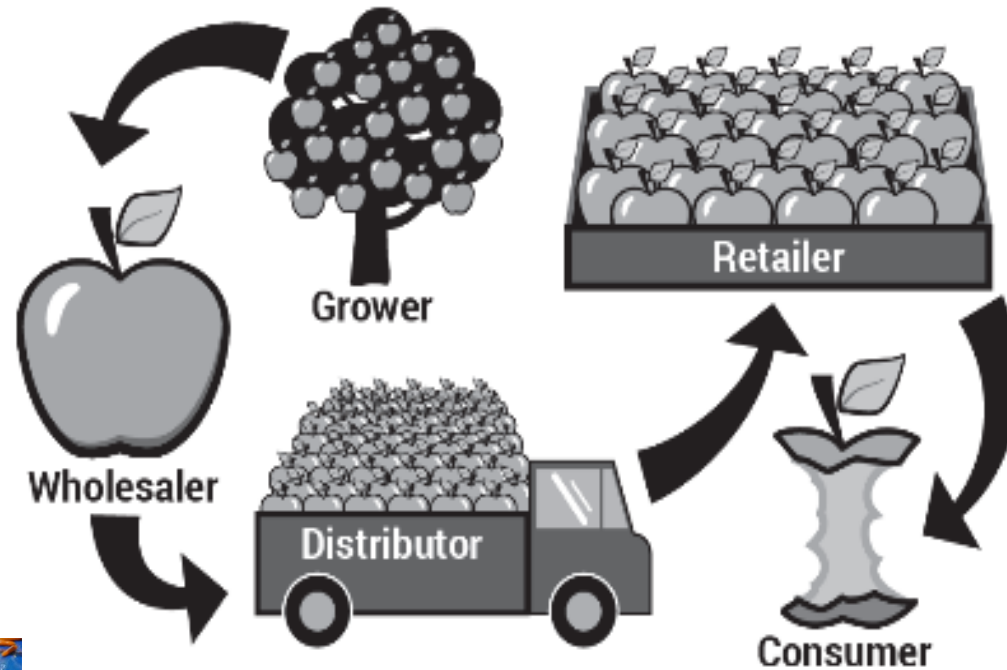
Opportunity for Regional Collaboration!

For disposal estimation, only identify and include sites where the edible food is being generated (i.e., Culinart)

If FSP's production kitchen is in Escondido, Escondido includes that edible food in their disposal estimation.



Wholesalers and Distributors



Wholesale Food Vendor

“Wholesale food vendor” means a business or establishment engaged in the merchant wholesale distribution of food, where food (including fruits and vegetables) is received, shipped, stored, prepared for distribution to a retailer, warehouse, distributor, or other destination.

No threshold in definition

- Purchased and/ or Business License Lists
 - NAICS or SIC Codes
 - Employee Size (for the County’s tool)
 - *County’s tool does NOT contain edible food recovery metric*
- DEH List
 - Warehouse or food facility present



Food Distributor

“Food Distributor” means a company that distributes food to entities including, but not limited to, supermarkets and grocery stores

No threshold in definition

- Purchased and/ or Business License Lists
 - NAICS or SIC Codes
 - Employee Size (for the County’s tool)
 - *County’s tool does NOT contain edible food recovery metric*
- DEH List
 - Warehouse or food facility present



Tier 2

January 1, 2024

Restaurant w/ 250 or more seats, or a total facility size $\geq 5,000$ square feet.

“Restaurant” means an establishment primarily engaged in the retail sale of food and drinks for on-premises or immediate consumption.

- Purchased and Business License Lists
 - Square Footage
 - Employee size (for the County’s tool)
- Real Estate and Rental Property Leasing Info
- DEH List
 - Corporate Sites
 - Additional step would be to confirm type of food facility onsite
- Any data out there to confirm # of seats??

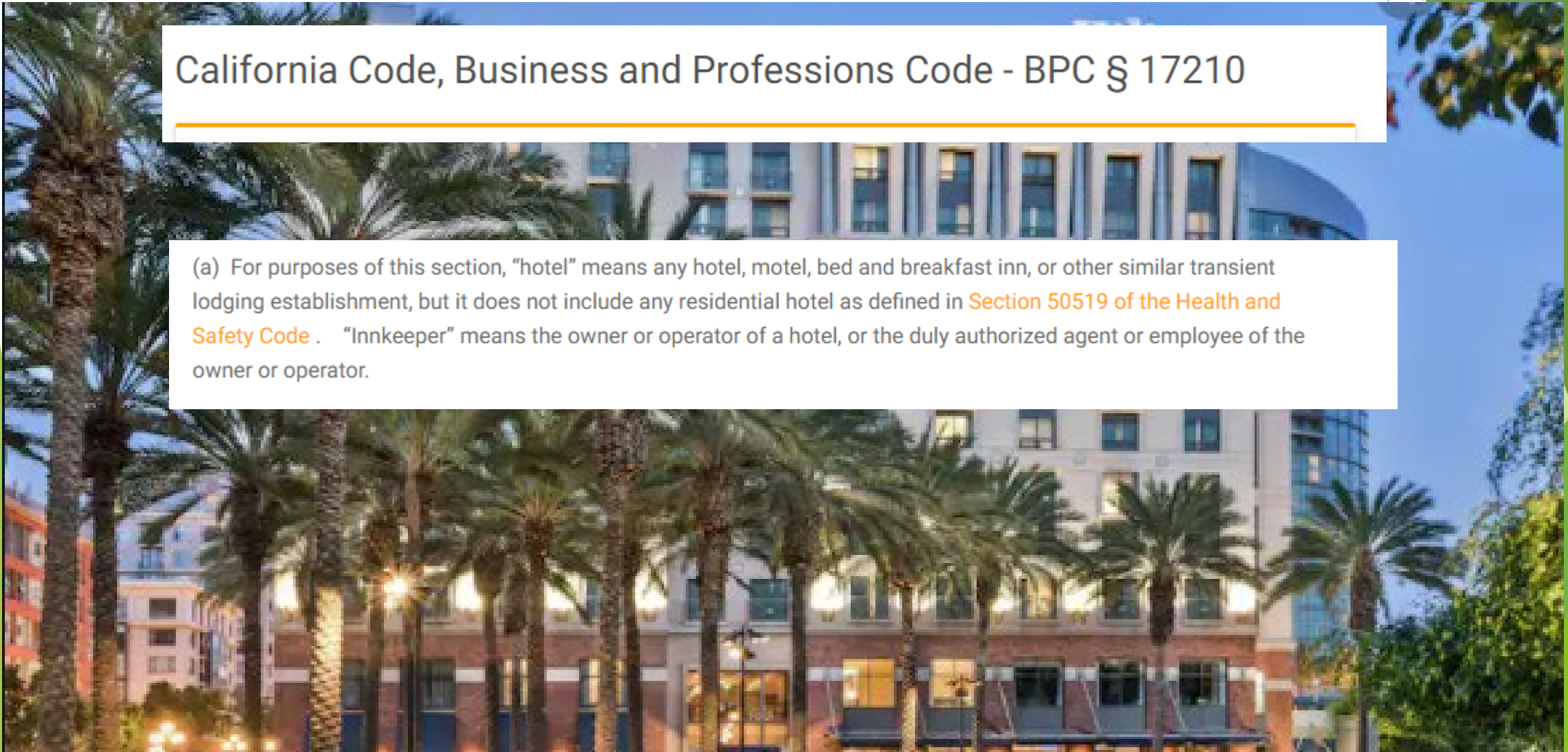


Hotels w/ ≥ 200 Rooms and Onsite Food Facility

"Hotel" has the same meaning as in Section 17210 of the Business and Professions code.

California Code, Business and Professions Code - BPC § 17210

(a) For purposes of this section, "hotel" means any hotel, motel, bed and breakfast inn, or other similar transient lodging establishment, but it does not include any residential hotel as defined in [Section 50519 of the Health and Safety Code](#). "Innkeeper" means the owner or operator of a hotel, or the duly authorized agent or employee of the owner or operator.



Hotels w/ ≥ 200 Rooms and Onsite Food Facility

- Business License and Purchased Lists
 - Employee Size (for the County's tool)
- DEH List to Confirm Onsite Food Facilities, maybe 3rd Party Food Services
- Web Search- What amenities and services does facility provide?
 - Special Events, Venues, Weddings, Conferences, Golf Course, etc
- Call the Hotel to confirm

Health Facilities w/ ≥ 100 beds and Onsite Food Facility

“Health facility” has the same meaning as in Section 1250 of the Health and Safety Code.

Code Search


Text Search

Up^<< Previous

Next >>

cross-reference chaptered bills

PDF | Add To My Favorites



Search Phrase:

Highlight

HEALTH AND SAFETY CODE - HSC
DIVISION 2. LICENSING PROVISIONS [1200 - 1796.70] (Division 2 enacted by Stats. 1939, Ch. 60.)
CHAPTER 2. Health Facilities [1250 - 1339.59] (Chapter 2 repealed and added by Stats. 1973, Ch. 1202.)

ARTICLE 1. General [1250 - 1264] (Article 1 added by Stats. 1973, Ch. 1202.)

1250. As used in this chapter, “health facility” means a facility, place, or building that is organized, maintained, and operated for the diagnosis, care, prevention, and treatment of human illness, physical or mental, including convalescence and rehabilitation and including care during and after pregnancy, or for any one or more of these purposes, for one or more persons, to which the persons are admitted for a 24-hour stay or longer, and includes the following types:

(a) “General acute care hospital” means a health facility having a duly constituted governing body with overall administrative and professional responsibility and an organized medical staff that provides 24-hour inpatient care, including the following basic services: medical, nursing, surgical, anesthesia, laboratory, radiology, pharmacy, and dietary services. A general acute care hospital may include more than one physical plant maintained and operated on separate premises as provided in Section 1250.8. A general acute care hospital that exclusively provides acute medical rehabilitation center services, including at least physical therapy, occupational therapy, and speech therapy, may provide for the required surgical and anesthesia services through a contract with another acute care hospital. In addition, a general acute care hospital that, on July 1, 1983, provided required surgical and anesthesia services through a contract or agreement with another acute care hospital may continue to provide these surgical and anesthesia services through a contract or agreement with an acute care hospital. The

Examples: Acute psychiatric hospital, Skilled nursing facility, Intermediate care facility, Special hospital, Nursing facility, etc...

Health Facilities w/ ≥ 100 beds and Onsite Food Facility

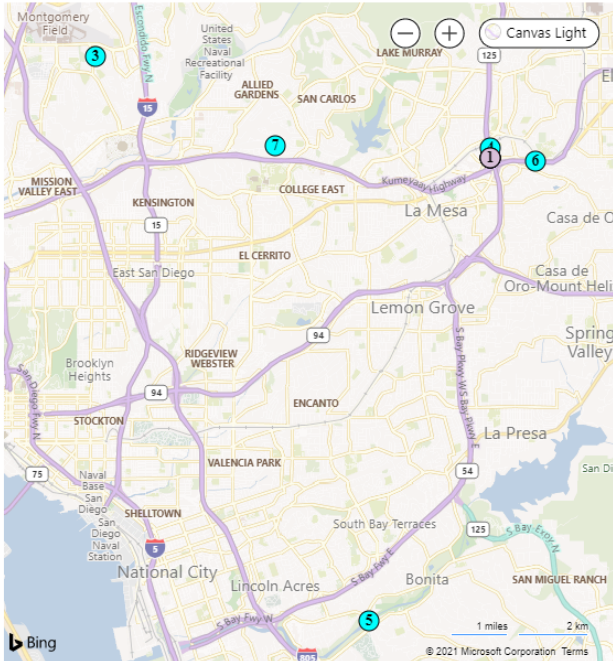
- Aggregate total number of beds or employees (business lists) for County's tool

Home | Programs | Center for Health Care Quality | Licensing and Certification Program | CalHealthFind | Search Result

CAL HEALTH FIND DATABASE

Facility Name: Location: Facility Types: Types of Care & Services:

1 - 10 of 10 Result(s) Search results are displayed alphabetically, first by facility type and second by facility name.



Map showing the location of Grossmont Hospital (1) and other facilities in the San Diego area. The map includes labels for various neighborhoods and landmarks.

☐ Check to Compare

Acute Psychiatric Hospital

1. GROSSMONT HOSPITAL D/P APH

5555 Grossmont Center Dr, La Mesa, CA 91942

☐ Check to Compare

Home Health Agency

3. SHARP HOME INFUSION SERVICES

3558 Ruffin Rd, San Diego, CA 92123

☐ Check to Compare

Hospice

4. SHARP HOSPICECARE

8881 Fletcher Pkwy, Suite 336, La Mesa, CA 91942

☐ Check to Compare

Hospice Facility

5. BONITAVIEW HOME

3850 Valley Vista Road, Bonita, CA 91902

☐ Check to Compare

Hospice Facility

6. LAKEVIEW HOME

9472 Loren Dr, La Mesa, CA 91942

Health Facilities w/ ≥ 100 beds and Onsite Food Facility

Thoughts on Skilled Nursing and Continuing Care Communities...

- ✓ Confirm # beds... consider assisted living and other living options
- ✓ Confirm Onsite Food Facility



Large Venue

“Large venue” means a permanent venue facility that annually seats or serves an average of more than 2,000 individuals within the grounds of the facility per day of operation of the venue facility.

For the purposes of this chapter, a venue facility includes, but is not limited to, a public, nonprofit, or privately owned or operated stadium, amphitheater, arena, hall, amusement park, conference or civic center, zoo, aquarium, airport, racetrack, horse track, performing arts center, fairground, museum, theater, or other public attraction facility. For the purposes of this chapter, a site under common ownership or control that includes more than one large venue that is contiguous with other large venues in the site, is a single large venue.

- DEH List
 - Confirm onsite food facilities
- Purchased and/ or Business License Lists
 - Employee Size (for the County’s tool)
- Economic or Tourism Data
 - Annual Visitors (for the County’s tool)



Post-COVID!!!

Large Events

“Large event” means an event, including, but not limited to, a sporting event or a flea market, that charges an admission price, or is operated by a local agency, and serves an average of more than 2,000 individuals per day of operation of the event, at a location that includes, but is not limited to, a public, nonprofit, or privately owned park, parking lot, golf course, street system, or other open space when being used for an event.



- Special Event Permits
- Use Permits
- Economic or Tourism Data
- Annual Visitors (for the County's tool)

A state agency with a cafeteria with ≥ 250 seats or a total cafeteria facility size $\geq 5,000$ square feet.

- Look up each facility individually to confirm it qualifies under definition
- Also consider the type of food facility at the state agency



UC San Diego



A local education agency with an on-site food facility.

“Local education agency” means a school district, charter school, or county office of education that is not subject to the control of city or county regulations related to solid waste

- K-12 Students and/or FTE
 - National Center for Education Statistics <https://nces.ed.gov/>

Search for Public School Districts CCD Common Core of Data

District Directory Information (2019-2020 school year) [Search Results](#) [Modify Search](#) [Data Notes/Grant IDs](#) [Help](#)

District Name: Carlsbad Unified schools for this district	NCES District ID: 0607500	State District ID: CA-3773551
Mailing Address: 6225 El Camino Real Carlsbad, CA 92009-1604	Physical Address: 6225 El Camino Real Carlsbad, CA 92009-1604	Phone: (760)331-5000
Type: Local school district	Status: No change	Total Schools: 16
Supervisory Union #: N/A	Grade Span: (grades KG - 12) KG 1 2 3 4 5 6 7 8 9 10 11 12	
Website: http://www.carlsbadusd.k12.ca.us	District Demographics: School District Demographic Dashboard	

District Details (2018-2019 school year; Fiscal data from 2016-2017) [Show All](#)

Characteristics **Staff** **Fiscal**

County: San Diego County	County ID: 06073
Locale: City: Midsize (12)	Total Students: 11,428
CSA/CBSA: 41740	Classroom Teachers (FTE): 453.39
	Student/Teacher Ratio: 25.21
	ELL (formerly LEP) Students: 731
	Students with IEPs: 1,497

NOTES

Search for Public School Districts CCD Common Core of Data

District Directory Information (2019-2020 school year) [Search Results](#) [Modify Search](#) [Data Notes/Grant IDs](#) [Help](#)

District Name: Carlsbad Unified schools for this district	NCES District ID: 0607500	State District ID: CA-3773551
Mailing Address: 6225 El Camino Real Carlsbad, CA 92009-1604	Physical Address: 6225 El Camino Real Carlsbad, CA 92009-1604	Phone: (760)331-5000
Type: Local school district	Status: No change	Total Schools: 16
Supervisory Union #: N/A	Grade Span: (grades KG - 12) KG 1 2 3 4 5 6 7 8 9 10 11 12	
Website: http://www.carlsbadusd.k12.ca.us	District Demographics: School District Demographic Dashboard	

District Details (2018-2019 school year; Fiscal data from 2016-2017) [Show All](#)

Characteristics **Staff** **Fiscal**

Average Total Teachers (FTE)

District	State	National
453.39	129.14	189.90

Teachers (FTE)

Total:	453.39
Prekindergarten:	0.00
Kindergarten:	33.65
Elementary:	270.30
Secondary:	148.74
Ungraded:	0.70
Total Staff (FTE):	866.24

Other Staff (FTE)

Total:	412.85
Instructional Aides:	106.08
Instruc. Coordinators & Supervisors:	89.14
Total Guidance Counselors:	15.00
Elementary Guidance Counselors:	5.00
Secondary Guidance Counselors:	9.00
Librarians/Media Specialists:	0.00
Library/Media Support:	-
District Administrators:	4.00
District Administrative Support:	25.48
School Administrators:	24.10
School Administrative Support:	49.20
Student Support Services:	34.00
Other Support Services:	125.85

NOTES



A local education agency with an on-site food facility

“Local education agency” means a school district, charter school, or county office of education that is not subject to the control of city or county regulations related to solid waste

<https://datamart.cccco.edu/Faculty-Staff/Default.aspx>

The screenshot shows the 'California Community Colleges Chancellor's Office Management Information Systems Data Mart' website. The header includes the 'CA.GOV' logo and a navigation menu with links for Home, Students, Courses, Student Services, Outcomes, and Faculty & Staff. Below the navigation bar, a breadcrumb trail reads 'You are here : Data Mart > Faculty & Staff > Annual Statewide Staffing Reports'. The main content area is titled 'Annual Statewide Staffing Reports - Parameter Selection Area'. It contains two dropdown menus: 'Select Report Type' with the selected option 'Full-time Equivalency (FTE) by District/College', and 'Select Report (Fall) Year' with the selected option '2019'. A 'View Report' button is positioned to the right of these dropdowns.

CA.GOV

California Community Colleges Chancellor's Office
Management Information Systems Data Mart

Home | Students | Courses | Student Services | Outcomes | Faculty & Staff

You are here : Data Mart > Faculty & Staff > Annual Statewide Staffing Reports

Annual Statewide Staffing Reports - Parameter Selection Area

Select Report Type
Full-time Equivalency (FTE) by District/College

Select Report (Fall) Year
2019

View Report

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<https://datamart.cccco.edu/Students/Default.aspx>

Annual/Term Student Count Report - Parameter Selection Area

Select State-District-College
Collegewide Search

Select District-College
MiraCosta;Palomar;San Diego

Select Term-Annual Option
Annual Search

Select Term
Annual 2019-2020

View Report

Export To -> ☒ Excel ☐ CSV ☐ Text

Records Per Page: 10

☒ Simple Layout ☐ Advanced Layout

Annual/Term Student Count Report - Data & Format Area

Report Area

Annual/Term Student Count

	Annual 2019-2020	
	Student Count	Student Count (%)
MiraCosta	21,028	27.10 %
Palomar	35,173	45.33 %
San Diego City	21,386	27.56 %

Step 2: Using the Tool

Entering the Business Data

Food Disposal Estimates by Business Group				
<i>**adapted from NRDC's "City Wasted Food and Rescue Potential Calculator" and CalRecycle's 2014 Generator Study</i>				
Business Group	ENTER DATA HERE		Conversion factor to tons of food waste DISPOSAL (Note 1)	Tons food waste disposed per year
Tier 1 Commercial Edible Food Generators				
Grocery Stores and Supermarkets	20	employees	0.46	9
<i>Do Not Double Count w/ Others Below!</i>				
Warehouse Clubs and Supercenters (SB1383 Supermarkets)	40	employees	0.47	19
Other Retail w/ Food (Other Potential SB 1383 Grocery Stores)	100	employees	0.31	31
Food Service Providers- (3rd Party Sites, Corporate Cafeterias, etc.)		employees (food service employees)	1.5 tons/kitchen employee/year	
Enter Food Service Employees or Facility Employees (not both)	2,000	total employees at facility	40 pounds/employee/year	40
Food Distributors	200	employees	0.47	95
Wholesale Food Vendors	200	employees	0.47	95

Tool returns estimated of tons of food waste for Tier 1 and Tier 2 generators to help target outreach

Potential Food Recovery

Edible Food Recovery Estimates by Business Group

Sectors and Inputs		Disposal Based						
	Needed Input Data	User Input Figure	Moderate Donation Metric	Moderate Participation Rate	Moderate Tons	Maximum Donation Metric	Maximum Participation Rate	Maximum Tons
Tier 1 Commercial Edible Food Generators								
Grocery Stores and Supermarkets (D)	tons food disposed	9	0.3	80%	2	0.3	100%	3
Warehouse Clubs and Supercenters (D) (SB1383 Super	tons food disposed	19	0.3	80%	5	0.3	100%	6
Other Retail w/ Food (E) (Other SB1383 Grocery Stores	tons food disposed	31	0.3	50%	5	0.5	100%	16
Food Service Providers (G)	tons food disposed	40	0.05	50%	1	0.10	100%	4
Tier 2 Commercial Edible Food Generators								
University and Colleges (A)	tons food disposed	92	0.01	50%	0	0.03	100%	3
K-12 (B)	Enter # of students	15,000	1	50%	4	4	100%	30
Hospitality (C)	tons food disposed	176	0.05	50%	4	0.1	100%	18
Healthcare (C)	tons food disposed	25	0.05	50%	1	0.1	100%	2
FS Restaurants (F)	tons food disposed	1,530	0.01	50%	8	0.03	100%	46
LS Restaurants (F)	tons food disposed	692	0.01	50%	3	0.03	100%	21
Events and Recreational Facilities (H)	tons food disposed	872	0.03	25%	7	0.10	100%	87
Correction Facilities (I). Could be Tier 1 or 2. Confirm.	Number Inmates	4,500	0.135	50%	55	0.25	100%	205

Rescue Potential by Sector

Sector Summaries			Disposal Based Results		
			Estimated tons of food waste disposed per sector per year	Moderate tons of additional rescue potential per sector per year	Maximum tons of rescue potential per sector per year
Tier 1 Commercial Edible Food Generators					
Grocery Stores and Supermarkets					
<i>Includes "typical" supermarkets and groceries for purposes of estimating disposal/potential recovery</i>	20	Employees	9	2	3
Warehouse Clubs and Supercenters (1383 Supermarkets)					
<i>Warehouse Clubs and Big Box Stores</i>	40	Employees	19	5	6
Other Retail w/ Grocery (other 1383 Grocery Stores)					
<i>Other Retail Stores w/ Grocery, Discount Stores, etc.</i>	100	employees	31	5	16
Food Service Providers					
<i>Contract Food Service and Corporate Kitchens</i>	-	Employees (Food Service Staff)	40	1	4
or	2,000	Employees (Of the business served)			
Food Distributors					
<i>Includes food packing, wholesale distributors and suppliers</i>	200	Employees	95		
Wholesale Food Vendors					
<i>Includes food manufacturing and processing</i>	200	Employees	95		
Other Commercial Edible Food Generators					
Other- (Tier 1 or Tier 2, as determined by user)				manually enter food recovery estimate	manually enter food recovery estimate
<i>Other- Enter Note of Other Facilities. See Food Waste Calcs for Details</i>	95	Tons of food wasted	95		
Total Estimated Tons			4,699	95	440

Takeaways

- ▶ Start planning sooner than later
 - ▶ Edible Food Recovery Tools can help (County's or CalRecycle's)
- ▶ Recap Capacity Planning vs. Disposal Estimation
- ▶ Start identifying Tier 1 and Tier 2 generators in your jurisdiction
- ▶ Start identifying food recovery organizations and agencies in your jurisdiction
- ▶ Food recovery crosses jurisdictional boundaries. Ultimately, it's a regional issue.
 - ▶ Regional cooperation to identify cross-boundary capacity
 - ▶ Stay tuned for more guidance on templates and due dates

Takeaways

- ▶ Remember this presentation and tool was developed to the best of our interpretation and knowledge. CalRecycle is the authority on the definitions. As CalRecycle releases new clarification and guidance, and we all move forward in 1383, the methodology will likely improve!
- ▶ If in doubt or are unsure if a particular business is a Tier 1 or 2 Generator, include it and flag it to confirm later.
- ▶ This tool is a paper exercise. Audits, site visits and interviews with the facilities will yield the most accurate results.
- ▶ Some businesses may already have robust edible food recovery programs, especially chain supermarkets and grocery stores. Other grocers may not. The makeup of your jurisdiction is unique.
- ▶ The estimating tool really needs a sufficient sample size. The tool is not meant to estimate food disposed from any one business, but of a business sector. Use caution in inputting data into any tool.

Helpful Resources

CalRecycle's Food Recovery FAQ's

<https://www.calrecycle.ca.gov/organics/slcp/faq/foodrecovery>

SB1383 Education & Outreach Resources

<https://www.calrecycle.ca.gov/organics/slcp/education>

HF&H Checklist For Edible Food Recovery

Edible Food Recovery

- ☐ Implement food recovery program that educates commercial edible food generators and increases access to food recovery programs (14 CCR 18991.1)
- ☐ Identify Tier One and Tier Two commercial edible food generators (14 CCR 18991.1)
- ☐ Increase edible food recovery capacity if current capacity is insufficient (14 CCR 18991.1)
- ☐ Prior to February 1, 2022, annually thereafter, maintain list of food recovery organizations/services (14 CCR 18985.2.a)
- ☐ Prior to February 1, 2022, annually thereafter, provide Tier One/Tier Two commercial edible food generators with information on their requirements, food recovery programs, and food recovery organizations/services (14 CCR 18985.2.b)

www.hfh-consultants.com

Questions?

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