

Thermostat Care 2023 Annual Survey Report



Per the
California Health and Safety Code Article 10.2.2
(Mercury Thermostat Collection Act of 2021)

Submitted to
California Department of Toxic Substances Control

Prepared by
PCA Product Stewardship Inc.
(Product Care)

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Objectives

On January 1, 2006, the State of California banned the sale of new mercury-added thermostats due to public health and safety concerns. Assembly Bill No. 707 (The Mercury Thermostat Collection Act of 2021) created California Health and Safety Code Article 10.2.2 [25214.8.10 - 25214.8.19]. Compliant with the aforementioned California Health and Safety Code, Thermostat Care's goal is to implement a convenient, cost-effective and efficient program for the collection, handling, transportation and disposal of mercury thermostats, along with a public education and outreach campaign. Thermostat Care also makes available to consumers and service technicians collection incentives of \$30 per mercury thermostat, while working to ensure convenient collection location access across California.

In accordance with [Section 25214.8.13.5](#), Thermostat Care has “conduct[ed] an annual survey of the audiences listed in subdivision (c) of Section 25214.8.11.5 to evaluate the effectiveness of the education and outreach campaign developed by the qualified third party pursuant to that subdivision and to obtain collection data.”

Methodology

The scope of Thermostat Care surveys included all 13 audience groups specified in Assembly Bill 707. Designed for brevity to encourage participation, these surveys captured essential data and established a baseline for information.

Data collection occurred throughout May and June 2023, with all survey platforms officially closing on July 1, 2023. The data serves as a foundation for evaluating the effectiveness of the public education and outreach campaign. Different survey platforms, questions, and distribution strategies were employed to suit the unique requirements, availability, and preferences of each targeted audience.

Since the Thermostat Care program has been in operation for just over a year, ongoing efforts are being made to build relationships with various audience groups. It is important to note that participation in the program is not mandatory for many of these audiences, and participation in the survey is not mandatory for any audience. Additional details specific to each audience group can be found in the corresponding sections of this report.

Executive Summary

Awareness regarding the health risks of mercury exposure is notably high across diverse audience groups. Similarly, there is a consistent understanding of the importance of safely disposing of mercury thermostats. When evaluating the effectiveness of various outreach methods employed in the public education campaign, social media emerged as the most impactful platform. Between 14% and 23% of respondents indicated that they became aware of safe disposal options via social media channels. In-store materials, such as flyers, window clings, and shelf talkers, were the second most effective method, educating 10% to 13% of respondents. Conventional advertisements, including public service announcements and paid ad placements, were the least effective, with only 7% to 8% of respondents attributing their knowledge of safe disposal options to these sources.

By adopting a multi-channel approach to public education, Thermostat Care not only aligns with state regulations but also fosters a well-informed public, thereby contributing to both environmental safety and public health.

Survey Results

General Public

The digital survey was distributed to California residents through a third party survey platform to increase reach.

1,154 respondents completed the survey.

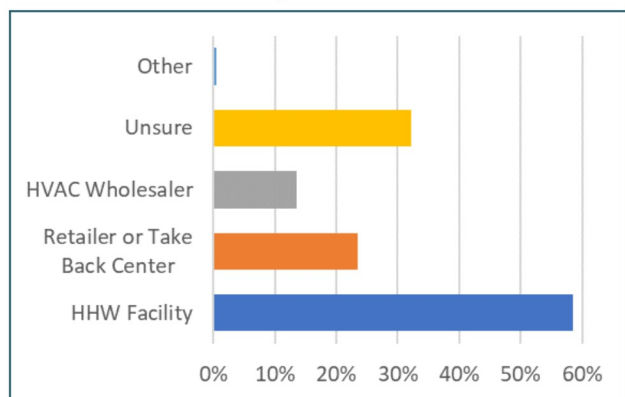


82% knew the risks associated with mercury exposure

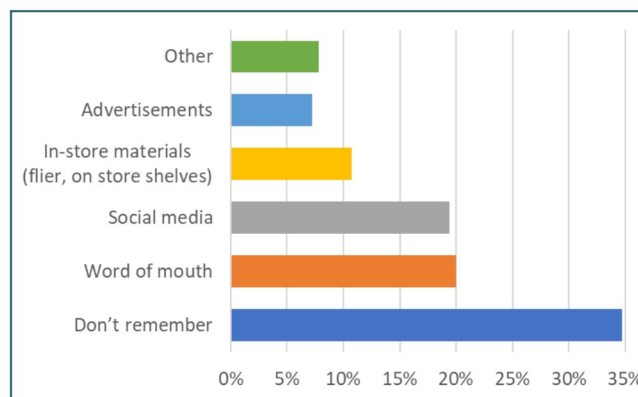


73% knew safe disposal options exist

Where can you properly dispose of a mercury thermostat?



How did you learn of safe disposal options?



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, the majority of respondents were generally aware (82%) of the risks associated with mercury exposure and mercury thermostats (73%).
- Of those who knew safe disposal options, 36% found out via Thermostat Care tactics, such as social media, in-store materials or advertisements.
- A majority of respondents (58%) were familiar with HHW (Household Hazardous Waste) facilities as safe disposal locations, whereas HVAC wholesalers and retailers were less known.
- Most respondents have at least one thermostat in the home. About 10% have a mercury thermostat, with the majority (81%) having a digital thermostat (with the remaining 9% being unsure).

Homeowners

The digital survey was distributed to California homeowners through a third party survey platform to increase reach. 533 respondents completed the survey.

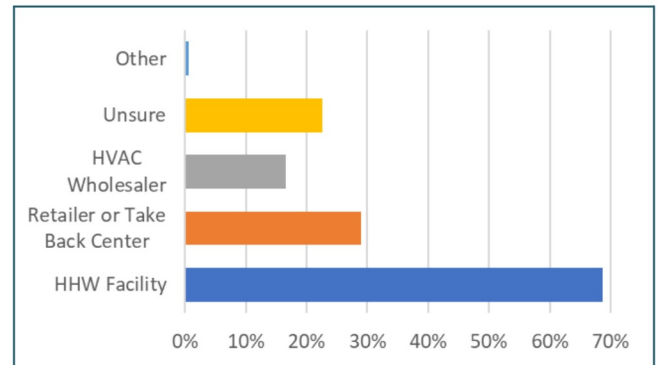


87% knew the risks associated with mercury exposure



77% knew safe disposal options exist

Where can you properly dispose of a mercury thermostat?



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, the majority of respondents were aware of mercury exposure risks (87%) and that some thermostats contain mercury (83%). Slightly less, but still the majority, knew there are safe disposal options for mercury thermostats (77%).
- Of those who knew safe disposal options, 44% found out via Thermostat Care tactics, such as social media, in-store materials or advertisements.
- A majority of respondents (69%) were familiar with HHW facilities as safe disposal options, followed by retailers or take back centers that collect mercury and wholesalers.
- Most respondents have at least one thermostat, with 7% identifying them as mercury thermostats.
- Half of all respondents changed or upgraded their thermostat in the last 5 years, 54% of which hired a contractor or handyman to do so.

Rural Districts

The digital survey was distributed to rural California residents through a third party survey platform to increase reach. 434 respondents completed the survey.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, the majority of respondents were generally aware of the risks associated with mercury exposure (79%) and that some thermostats contain mercury (77%). Respondents also knew there are safe disposal options for mercury thermostats in California (64%).
- Of those who knew of safe disposal options, 41% didn't remember how they found out about them, while approximately 30% learned through Thermostat Care tactics such as in-store materials, social media, and advertisements.
- A majority of respondents (58%) were familiar with HHW facilities as safe disposal locations, followed by retailers that collect mercury (22%) and HVAC wholesalers (11%). 34% of respondents were unsure.
- Most respondents (85%) have at least one thermostat, with 7% identifying them as mercury thermostats.
- 32% of all respondents have changed or upgraded their thermostat in the last 5 years, more than half of which hired a contractor or handyman to do so.

Disadvantaged or Low-Income Communities

The digital survey was distributed to California residents in disadvantaged or low-income communities through a third party survey platform to increase reach. The survey received 707 respondents.



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks, the majority of respondents were generally aware (78%) of mercury exposure risks and knew mercury thermostat safe disposal options exist (73%).
- Of those who did know of safe disposal options, 36% didn't remember how they found out about them, while approximately 37% learned through Thermostat Care tactics such as in-store materials, social media, and advertisements.
- A majority of respondents (56%) were familiar with HHW facilities as safe disposal locations, followed by retailers that collect mercury (22%) and HVAC wholesalers (13%). 34% were unsure.
- Most respondents (85%) have at least one thermostat in the home, with 10% identifying their thermostat(s) as mercury thermostats.
- One-third of respondents changed or upgraded their thermostat in the last 5 years, 57% of which hired a contractor or handyman to do so.

Retailers

This digital survey was distributed via email to retailers and wholesalers. Two reminder emails and a reminder postcard were also sent to encourage participation. 19 retailers and wholesalers participated in the survey. 74% of survey respondents identified as a wholesale store and 26% as a retail store.

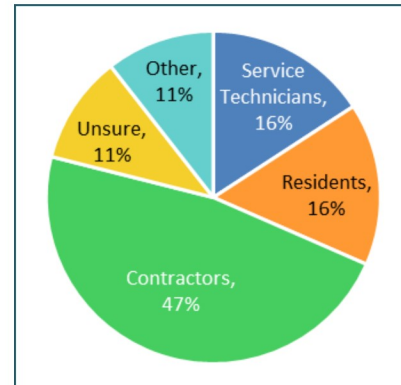


84% knew the risks associated with mercury exposure



78% had some, good, or extensive familiarity with Thermostat Care

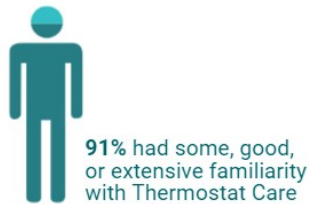
Who is the primary source of mercury thermostats brought to your location?



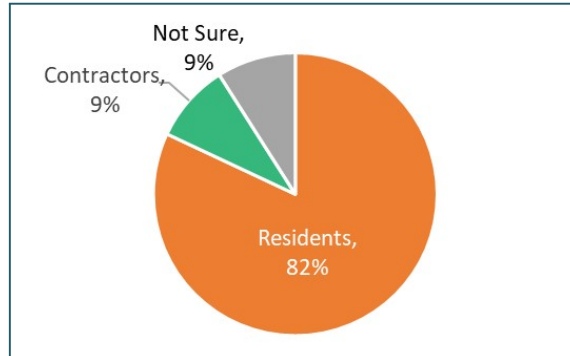
- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks and awareness of the Thermostat Care program, the majority of respondents (84%) are aware of the risks associated with mercury exposure and more than half of respondents (58%) indicated "Good familiarity" with the program.
- Nearly all respondents (95%) felt educated and informed on how to properly collect mercury thermostats. One noted that the Program could better educate on instructions to return containers.
- Of those that are collection locations, 90% found the Universal Waste Regulation training material to be effective and helpful in training their staff.
- 47% of respondents reported their primary source of mercury thermostats to be contractors, with service technicians and residents following.

Household Hazardous Waste Collection Programs

The digital survey was distributed via email to HHW programs and shared to the HHW Information Exchange (HHWIE) Google Group. Two reminder emails were sent to encourage participation. 11 HHW programs participated in the survey.



What is the primary source of mercury thermostats brought to your location?



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of the Thermostat Care program, a majority of respondents (91%) have some, good or an extensive understanding of Thermostat Care.
- In terms of measuring effectiveness of partnering with collection locations, 64% of respondents indicated that educational or promotional materials had some or good effectiveness.
- 66% of respondents reported that the container return process was easy and worked well, whereas 16% reported a lack of clarity regarding shipping instructions.

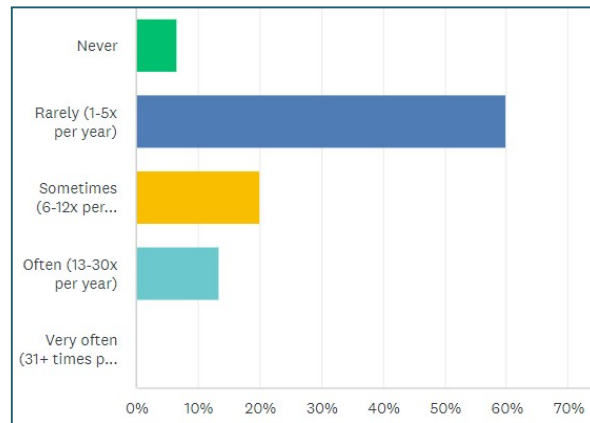
Heating, Ventilation, and Air Conditioning Contractors

Heating, Ventilation, and Air Conditioning (or HVAC) Contractors refer to the Contractors State License Board (CSLB) classification C-20 “Warm-Air Heating, Ventilation and Air Condition Contractor.” The digital survey was distributed via email to HVAC contractors. Two reminder emails were also sent to remind potential respondents and encourage participation. 15 HVAC Contractors responded to the survey.



100% had some, good, or extensive familiarity with Thermostat Care

How frequently do you come into contact with mercury thermostats?



- In terms of measuring effectiveness of public education and outreach as it relates to awareness of mercury risks and the Thermostat Care program, all respondents (100%) have some, good or an extensive understanding of Thermostat Care.
- 87% of respondents indicated that they and/or their staff were very or fairly knowledgeable about the need to safely dispose of mercury thermostats and how to do so.
- 60% of respondents reported that they come into contact with mercury thermostats 1-6 times per year, whereas 20% of respondents reported that they come into contact with mercury thermostats 6-12 times per year.

Demolition and Environmental Contractors and Related Associations

A digital survey was distributed via email to demolition and environmental contractors along with two reminder emails to encourage participation. 1 contractor responded to the survey.

- The Demolition and Environmental Contractor survey respondent indicated that they were not knowledgeable about safe disposal of mercury thermostats. They also reported having no understanding of Thermostat Care as a program.
- The Demolition and Environmental Contractor survey respondent reported rarely coming into contact with mercury thermostats in their line of work.

The Contractors State License Board

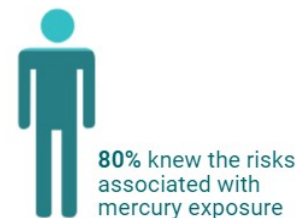
The [California Contractors State License Board](#) (CSLB) was established in 1929 and works to license and regulate [44 classifications](#) of contractors across California. It is the sole licensing board in all of California. Since Thermostat Care's inception in July 2022, numerous efforts have been made to create and build a relationship with the CSLB, including researching contacts and CSLB team members, emailing, and conducting phone calls with the intent of forging a partnership. The CSLB has been unresponsive to phone and email outreach prior to this survey.

A digital survey was created and distributed to the CSLB via phone and email with the goal of evaluating effectiveness of education and outreach efforts.

- 2 phone calls and 2 email requests were conducted to the CSLB to distribute the survey.
- CSLB was unresponsive to both phone and email outreach.

Municipal Utility Districts

A Municipal Utility District (MUD) is a type of such special district, defined by [California Special Districts Association](#) (CSDA) as "local governments created by the people of a community to deliver specialized services essential to their health, safety, economy and well-being." This digital survey was distributed via email to MUDs, with reminder emails sent to increase survey participation. 5 MUDs participated in this survey.

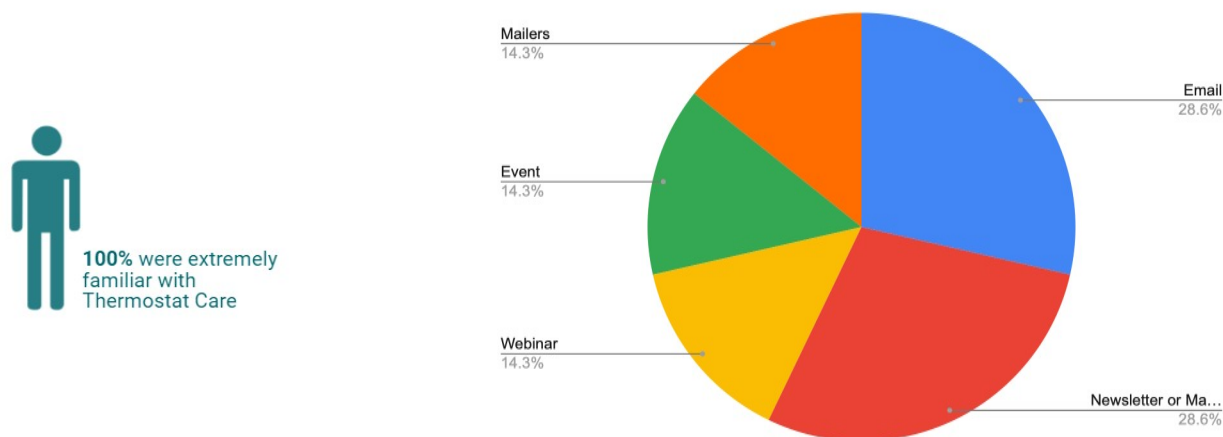


- As it relates to the effectiveness of the public education and outreach campaign with this audience, a majority of respondents (80%) are aware of mercury exposure risks
- In terms of effectiveness of public education and outreach as it relates to partnership, familiarity with Thermostat Care ranged from "limited" (40%) to "good" (60%), with no respondents reporting zero familiarity.

Apartment and Property Management Associations and Organizations

Apartment and Property Management Associations and Organizations comprise members that own and manage apartment complexes and other real estate properties. The digital survey was distributed via phone or online form to these associations or organizations. To encourage participation, respondents were given the option to choose between phone and online form methods to best suit their individual circumstances. Two representatives from apartment or property management associations/organizations responded to the survey.

Effective Channels for Reaching Association/Organization Members



- In terms of effectiveness of the public education and outreach campaign as it relates to this audience, all respondents (100%) considered themselves to be Extremely Familiar with Thermostat Care.
- Respondents were split on familiarity with the potential dangers of mercury exposure, with one respondent reporting to be “somewhat familiar.”
- Associations and organizations generally relied on similar channels for communicating with their audiences, with newsletters or magazines (26.5%) and email (28.6%) being the most effective methods. None of the respondents used social media for audience communication.

The Public Utilities Commission

The California Public Utilities Commission (CPUC) is a regulatory agency that oversees public utilities, including energy, telecommunications, and transportation services, to ensure that Californians have access to safe and reliable utility infrastructure and services. Since Thermostat Care’s inception in July 2022, numerous efforts have been made to create and build a relationship with the California Public Utilities Commission, including researching contacts and CPUC team members, emailing, and conducting phone calls with the intent of forging a partnership. The CPUC has been unresponsive to both phone and email outreach prior to this survey.

A digital survey was created and distributed to the CPUC via phone and email with the aim of assessing the effectiveness of education and outreach initiatives.

- 3 phone calls and 3 email requests were conducted to the CPUC to distribute the survey.
- The CPUC was unresponsive to both phone and email outreach.

The State Energy Resources Conservation and Development Commission

The State Energy Resources Conservation and Development Commission, established in 1974, is the state's primary energy policy and planning agency, responsible for promoting energy efficiency, reducing energy waste, and advancing the use of renewable energy sources. Since Thermostat Care's inception in July 2022, numerous efforts have been made to create and build a relationship with the California Energy Commission (formally the Energy Resources Conservation and Development Commission), including email and phone outreach.

A digital survey was created and distributed to the CEC via phone and email with the aim of assessing the effectiveness of education and outreach initiatives.

- 2 phone calls and 3 email requests were conducted to the CEC to distribute the survey.
- The CEC was unresponsive to both phone and email outreach.

Next Steps

General awareness of the risks associated with mercury exposure and awareness of the Thermostat Care program was high with General Public, Homeowners, Retailers and HHW Programs. For certain audiences that don't come directly in contact with mercury thermostats such as the California Energy Commission, the Contractors State Licensing Board and the California Public Utilities Commission, mercury thermostats don't seem to be a priority.

Per Health and Safety Codes, these survey results will be posted to Thermostat Care's website, www.ThermostatCare.org, as of September 1, 2023, and will remain available for public comment for a minimum of 30 days. Thermostat Care will "review annual survey responses and public comments, and if warranted, by November 1, [2023] submit to the department for its review and approval proposals to modify the program."

Appendix

Collection Data

The following mercury thermostat collection data was reported in the 2022 Annual Report and supports efforts to evaluate and obtain collection data.

Total number of mercury thermostats collected	Total number of mercury switches collected	Estimated total pounds of mercury collected
6,473	11,332	70.2

Below is a table showing the number of out of service mercury-added thermostats at each location received by processing partner during 2022. Please note that any locations not listed below did not submit any mercury-added thermostats in 2022.

Location Type	Name	Physical Address	City	Zip Code	Physical Address - County	# of Mercury Thermostats
HVAC Contractor	A-1 Guaranteed	1768 BROADWAY ST.	VALLEJO	94589	Solano	13
HVAC Contractor	Air Conditioning Service Of CA	23141 LA Cadena Drive	Laguna Hills	92653	Orange	3
Demolition Contractor	Randazzo Enterprises, Inc.	13550 Blackie Rd	Castroville	95012	Monterey	2
HVAC Contractor	ALBER'S AIR INC	14617 Ramona Blvd	Baldwin Park	91706	Los Angeles	22
HVAC Contractor	Forster Heating	9410 Crater Hill Rd.	Auburn	95603	Placer	14
HVAC Contractor	Henry Mechanical	7656 Bell Rd	Windsor	95492	Sonoma	15
HVAC Contractor	Mcclelland Air Conditioning	801 MARAUDER STREET	CHICO	95973	Butte	28
HVAC Contractor	Paso Robles Heating Air	1142 Railroad St.	Paso Robles	93446	San Luis Obispo	7
HVAC Contractor	Smith Heating And Air Conditioning	1150 N Filbert St	Stockton	95205	San Joaquin	11
HVAC Contractor	Synergy Companies	9630 Black Mountain Rd	San Diego	92126	San Diego	14
HVAC Contractor	Universal Waste Disposal Company	515 Raleigh Ave	El Cajon	92020	San Diego	29
HVAC Contractor	Westside Heating & Ac	2621 Pico Blvd Suite J	Santa Monica	90405	Los Angeles	9

Retailer	Palm Desert Ace Hardware	74058 Highway 111	Palm Desert	92260	Riverside	4
Retailer	San Dimas Ace Hardware	201 W. Bonita Ave.	San Dimas	91773	Los Angeles	8
Retailer	De Anza True Value Hardware	8616 Limonite Ave.	Riverside	92509	Riverside	1
Retailer	Do-It-Best Hardware	2514 Cameo Drive	Cameron Park	95682	El Dorado	1
Retailer	Gate Depot	17526 CA-12	Sonoma	95476	Sonoma	1
Retailer	K & L Hardware	26091 East Baseline	San Bernardino	92410	San Bernardino	1
Retailer	Miner's Ace Hardware	510 Atascadero Rd.	Morro Bay	93442	San Luis Obispo	1
Retailer	Progress Hardware	724 Irving St.	San Francisco	94122	San Francisco	3
Wholesaler	AC Pro	591 S. Walnut St.	La Habra	90631	Orange	71
Wholesaler	Ac Pro	1751 Malborough Avenue	Riverside	92507	Riverside	16
Wholesaler	Ac Pro	2181 Meyers Ave	Escondido	92029	San Diego	24
Wholesaler	Ac Pro	23456 South Pointe Blvd	Laguna Hills	92653	Orange	83
Wholesaler	Ac Pro	9409 Charles Smith Ave.	Rancho Cucamonga	91730	San Bernardino	13
Wholesaler	Ac Pro	9216 Eton Ave	Chatsworth	91311	Los Angeles	39
Wholesaler	AC Pro	13230 Evening Creek Dr. South	San Diego	92128	San Diego	21
Wholesaler	AC Pro	13409 Garvey Ave.	Baldwin Park	91706	Los Angeles	7
Wholesaler	AC Pro	170 N. Daisy Ave.	Pasadena	91107	Los Angeles	19
Wholesaler	Ac Pro	1402 N. Magnolia Ave	El Cajon	92020	San Diego	31
Wholesaler	Ac Pro	3060 E. La Palma Avenue	Anaheim	92806	Orange	28
Wholesaler	AC Pro	27230 Madison Ave.	Temecula	92590	Riverside	46
Wholesaler	AC Pro	1622 Illinois Ave.	Perris	92570	Riverside	54
Wholesaler	AC Pro	9214 Artesia Blvd	Bellflower	90706	Los Angeles	7
Wholesaler	Ac Pro	7606 Garden Grove Blvd	Westminster	92683	Orange	25
Wholesaler	AC Pro	2040 Oceanside Blvd.	Oceanside	92054	San Diego	13

Wholesaler	Air Cold Supply - A Ferguson Enterprise	1346 S. Claudina Street	Anaheim	92805	Orange	46
Wholesaler	Ferguson	2750 S. Towne Avenue	Pomona	91766	Los Angeles	32
Wholesaler	Allied Refrigeration	199 S. Marshall Street	El Cajon	92020	San Diego	11
Wholesaler	Allied Refrigeration	15558 Cabrito Road	Van Nuys	91406	Los Angeles	14
Wholesaler	Allied Refrigeration	1928 Don Lee Place	Escondido	92029	San Diego	19
Wholesaler	Allied Refrigeration	2300 E. 28th Street	Signal Hill	90755	Los Angeles	3
Wholesaler	Allied Refrigeration	3650 Holdrege Avenue	Los Angeles	90016	Los Angeles	23
Wholesaler	Allied Refrigeration	404 S. I Street	San Bernardin o	92410	San Bernardino	11
Wholesaler	Allied Refrigeration	1211 E. Edinger Avenue	Tustin	92780	Orange	5
Wholesaler	Allied Refrigeration	306 S. Ninth Avenue	City of Industry	91746	Los Angeles	93
Wholesaler	Allied Refrigeration	7865 Ostrow Street	San Diego	92111	San Diego	2
Wholesaler	Allied Refrigeration	34660 Date Palm Drive	Cathedral City	92234	Riverside	11
Wholesaler	Allied Refrigeration	2175 Adams Avenue	San Leandro	94577	Alameda	4
Wholesaler	Allied Refrigeration	702 E. Gish Road	San Jose	95112	Santa Clara	29
Wholesaler	American Refrigeration Supplies, Inc.	1501 Pomona Road	Corona	92880	Riverside	2
Wholesaler	American Refrigeration Supplies, Inc.	2703 5th Street	Sacramen to	95818	Sacramento	5
Wholesaler	American Refrigeration Supplies, Inc.	1405-2 Granite Lane	Modesto	95351	Stanislaus	2
Wholesaler	Appliance Parts Center	222 E. 8th Street	National City	91950	San Diego	7
Wholesaler	Coast Appliance Parts	948 Colton Avenue	Colton	92324	San Bernardino	2
Wholesaler	Coast Appliance Parts	312 E. Tulare Street	Visalia	93277	Tulare	1

Wholesaler	Coast Appliance Parts	4408 Twain Avenue	San Diego	92120	San Diego	2
Wholesaler	Ferguson	26470 Summit Circle	Santa Clarita	91350	Los Angeles	22
Wholesaler	Ferguson Heating Cooling	149 B GRANADA DRIVE	SAN LUIS OBISPO	93401	San Luis Obispo	4
Wholesaler	Ferguson Heating & Cooling	1224 NORTH MARSHALL	EL CAJON	92020	San Diego	109
Wholesaler	Air Cold Supply - A Ferguson Enterprise	4652 E. Brickell Way	Ontario	91761	San Bernardino	25
Wholesaler	Air Cold Supply - A Ferguson Enterprise	1144 West Avenue L12	Lancaster	93534	Los Angeles	3
Wholesaler	Air Cold Supply, A Ferguson Enterprise	26999 Industrial Blvd.	Hayward	94545	Alameda	3
Wholesaler	Ferguson	4652 E Brickell St	Ontario	91761	San Bernardino	18
Wholesaler	Ferguson Heating & Cooling	640 Ayon Avenue	Azusa	91702	Los Angeles	16
Wholesaler	Ferguson Heating Cooling	9401 Oso Avenue	Chatsworth	91311	Los Angeles	40
Wholesaler	Air Cold Supply - A Ferguson Enterprise	15220 Anacapa Road	Victorville	92392	San Bernardino	85
Wholesaler	Fix Air	890 Service Street	San Jose	95112	Santa Clara	2
Wholesaler	Geary Pacific Supply	1161 W. Bradley Avenue	El Cajon	92020	San Diego	27
Wholesaler	Geary Pacific Supply	1200 E. Cerritos Avenue	Anaheim	92805	Orange	32
Wholesaler	Geary Pacific Supply	16665 Arminta Street	Van Nuys	91406	Los Angeles	3
Wholesaler	Geary Pacific Supply	4365 Jetway Court	North Highlands	95660	Sacramento	15
Wholesaler	Geary Pacific Supply	8711 Airport Road	Redding	96002	Shasta	26
Wholesaler	Slakey Brothers	1480 Nicora Avenue	San Jose	95133	Santa Clara	11
Wholesaler	Slakey Brothers	3201 Orange Grove Avenue	North Highlands	95660	Sacramento	2
Wholesaler	Slakey Brothers Salinas	601 WORK STREET	SALINAS	93901	Monterey	3
Wholesaler	Slakey Brothers	2460 BATES AVENUE	CONCORD	94520	Contra Costa	10
Wholesaler	Slakey Brothers Fairfield	1190 WESTERN STREET	FAIRFIELD	94533	Solano	3

Wholesaler	Slakey Brothers	12277 LOMA RICA DRIVE SUITE E	GRASS VALLEY	95945	Nevada	17
Wholesaler	Slakey Brothers	1001 OATES COURT	MODESTO	95358	Stanislaus	1
Wholesaler	Slakey Brothers	2845 DUKE COURT	SANTA ROSA	95407	Sonoma	13
Wholesaler	Gianelli's Appliances & Supplies	10855 Folsom Blvd	Rancho Cordova	95670	Sacramento	1
Wholesaler	Goodman Distribution, Inc.	40222-A LaQuinta Lane	Palmdale	93551	Los Angeles	11
Wholesaler	Goodman Distribution, Inc.	4020 Nelson Ave.	Concord	94520	Contra Costa	3
Wholesaler	Goodman Distribution	20035 E. Walnut Drive	City of Industry	91789	Los Angeles	19
Wholesaler	Goodman Distribution, Inc.	8825 WASHINGTON BLVD. STE 400	ROSEVILL E	95678	Placer	2
Wholesaler	Goodman Distribution, Inc.	9621 Oates Dr	Sacramen to	95827	Sacramento	2
Wholesaler	Goodman Distribution	2425 auto park way	Escondido	92029	San Diego	1
Wholesaler	Goodman Distribution	9440 Lurline Ave	Chatswort h	91311	Los Angeles	38
Wholesaler	Goodman Distribution, Inc.	3334 San Fernando Rd	Los Angeles	90065	Los Angeles	2
Wholesaler	Goodman Dist. 706	5160 RICHTON ST. "A"	MONTCLA IR	91763	San Bernardino	28
Wholesaler	Goodman Distribution, Inc.	2620 East Byrd Avenue	Fresno	93706	Fresno	1
Wholesaler	Goodman Distribution, Inc 764	18085 EUCLID STREET	FOUNTAI N VALLEY	92708	Orange	5
Wholesaler	Goodman Distribution, Inc.	1972 Essex Court	Redlands	92373	San Bernardino	3
Wholesaler	Goodman Distribution, Inc.	12520 Business Center Drive	Victorville	92395	San Bernardino	1
Wholesaler	Goodman Distribution, Inc.	1070 COMMERCIAL STREET STE 103	SAN JOSE	95112	Santa Clara	1
Wholesaler	Gow Supply Company	1492 Egbert Avenue	San Francisco	94124	San Francisco	45
Wholesaler	Heating & Cooling LLC	629 ALPINE WAY	ESCONDI DO	92029	San Diego	12
Wholesaler	Heating & Cooling Supply, LLC	685 N. Poplar Street	Orange	92868	Orange	14
Wholesaler	Heating & Cooling LLC	3970 Home Avenue	San Diego	92105	San Diego	16

Wholesaler	Heating & Cooling LLC	30715 FRONT ST	Thousand Palms	92276	Riverside	4
Wholesaler	Heating & Cooling LLC 822	139 N. Sunset	CITY OF INDUSTRY	91744	Los Angeles	20
Wholesaler	Heating Cooling LLC	7321 Roseville Road	SACRAMENTO	95842	Sacramento	4
Wholesaler	Heating & Cooling LLC 834	301 S. 9TH STREET-BLDG. C	MODESTO	95351	Stanislaus	1
Wholesaler	Heating & Cooling LLC	12140 Magnolia Ave	Riverside	92503	Riverside	2
Wholesaler	Heating & Cooling Supply, LLC	6510 Sierra Court	Dublin	94568	Alameda	10
Wholesaler	Hirsch Pipe & Supply Co., Inc.	7521 Garden Grove Blvd	Garden Grove	92841	Orange	3
Wholesaler	Hirsch Pipe & Supply Co., Inc.	9004 Benson Ave.	Montclair	91763	San Bernardino	1
Wholesaler	Howard Industries	8855 WASHINGTON BLVD	CULVER CITY	90232	Los Angeles	91
Wholesaler	Johnstone Supply	8639 Tamarack Avenue	Sun Valley	91352	Los Angeles	73
Wholesaler	Johnstone Supply	7066 Las Postitas Rd.	Livermore	94551	Alameda	5
Wholesaler	Johnstone Supply	3301 Orange Grove Avenue	North Highlands	95660	Sacramento	27
Wholesaler	Johnstone Supply	2790 E. Cherokee Road	Stockton	95205	San Joaquin	13
Wholesaler	Johnstone-Ventura	5960 VALENTINE ROAD 3	VENTURA	93003	Ventura	56
Wholesaler	Johnstone Supply	2132 Aviation Drive	Upland	91786	San Bernardino	38
Wholesaler	Johnstone Supply	518 E BALL ROAD	ANAHEIM	92805	Orange	50
Wholesaler	Johnstone Supply Co	23211 DEL LAGO DRIVE	LAGUNA HILLS	92653	Orange	131
Wholesaler	Johnstone Supply Co	1985 Arnold Industrial Way	CONCORD	94520	Contra Costa	26
Wholesaler	Johnstone Supply	520 E. Dyer Road	Santa Ana	92707	Orange	55
Wholesaler	Johnstone Supply Co	16147 Avenida Patilla	Irwindale	91702	Los Angeles	38
Wholesaler	Johnstone Supply Co	5658 E. CLINTON AVE.	FRESNO	93727	Fresno	12
Wholesaler	Johnstone Supply	1445 San Mateo Avenue	South San Francisco	94080	San Mateo	85
Wholesaler	Johnstone Supply	2130 "V" STREET	Bakersfield	93301	Kern	28
Wholesaler	Johnstone Supply Co	4320 PACIFIC HWY	SAN DIEGO	92110	San Diego	7

Wholesaler	Johnstone Supply	1903 FRIENDSHIP DRIVE	EL CAJON	92020	San Diego	217
Wholesaler	Johnstone Supply	2750 La Mirada Drive	Vista	92081	San Diego	31
Wholesaler	Johnstone Supply	19005 Parthenia Road	Northridge	91324	Los Angeles	49
Wholesaler	Johnstone Supply	25027 Anza Drive	Valencia	91355	Los Angeles	41
Wholesaler	Johnstone Supply 140	1528 Moffett Street	SALINAS	93905	Monterey	24
Wholesaler	Johnstone Supply	42655 Rio Nedo	Temecula	92590	Riverside	13
Wholesaler	Johnstone Supply	1000 El Sobrante Rd.	CORONA	92879	Riverside	12
Wholesaler	Johnstone Supply	31240 La Baya Drive	Westlake Village	91362	Los Angeles	47
Wholesaler	Johnstone Supply	1070 Commercial Street	San Jose	95112	Santa Clara	38
Wholesaler	Johnstone Supply	940 Wall Street	Redding	96002	Shasta	17
Wholesaler	Johnstone Supply	1900 Blue Gum Avenue	Modesto	95358	Stanislaus	4
Wholesaler	Johnstone Supply 328	1755 GROGAN AVE	MERCED	95341	Merced	30
Wholesaler	Johnstone Supply	77524 El Duna Court	Palm Desert	92211	Riverside	23
Wholesaler	Keller Air	3055 Cross Roads Drive	Redding	96003	Shasta	9
Wholesaler	Lennox Stores	422 S. Abbott Avenue	Milpitas	95035	Santa Clara	7
Wholesaler	Lennox Stores	2750 Cherokee Road	Stockton	95205	San Joaquin	7
Wholesaler	Lennox Stores	5160 Richton Street	Montclair	91763	San Bernardino	9
Wholesaler	Lennox	2539 Mercantile Drive	Rancho Cordova	95742	Sacramento	9
Wholesaler	Lennox Stores	19801 Nordhoff Pl 109	Chatsworth	91311	Los Angeles	28
Wholesaler	Lennox Stores	25217 Rye Canyon Road	Valencia	91355	Los Angeles	7
Wholesaler	National Ventilating And Equipment Company	3205 F Street	San Diego	92102	San Diego	19
Wholesaler	R.E. Michel Company, Inc.	5370 Third Street	Irwindale	91706	Los Angeles	50
Wholesaler	R.E. Michel Company, Inc.	1437 Fayette Street	El Cajon	92020	San Diego	4

Wholesaler	R.E. Michel Co.	501 Riverside Ave	Paso Robles	93446	San Luis Obispo	4
Wholesaler	R.E. Michel Company, Inc.	3130-2 Skyway Drive	Santa Maria	93455	Santa Barbara	18
Wholesaler	R.E. Michel Company Inc.	155 W. Victoria Street	Long Beach	90805	Los Angeles	6
Wholesaler	R.E. Michel Company, Inc.	5405 East Home Avenue	Fresno	93727	Fresno	4
Wholesaler	R. E. Michel Co	1039 E. Lacy Ave.	Anaheim	92805	Orange	51
Wholesaler	R.E. Michel Company	2350 Mulberry St	Riverside	92501	Riverside	33
Wholesaler	R.E. Michel Company, Inc.	2921 Whipple Road	Union City	94587	Alameda	1
Wholesaler	R.E. Michel Co.	501 Riverside Ave	Paso Robles	93446	San Luis Obispo	2
Wholesaler	R.E. Michel Co, Inc	72-110 Corporate Way	Thousand Palms	92276	Riverside	8
Wholesaler	R.E. Michel Company, Inc.	1437-1445 Fayette St	EL CAJON	92020	San Diego	11
Wholesaler	RSD	14901 RAYMER ST	VAN NUYS	91405	Los Angeles	6
Wholesaler	RSD	6391 ORANGETHORPE AVENUE	BUENA PARK	90620	Orange	10
Wholesaler	RSD	1376 STEALTH STREET	LIVERMORE	94551	Alameda	97
Wholesaler	Refrigeration Supplies Distributor (RSD)	4131 Latham Street	Riverside	92501	Riverside	1
Wholesaler	RSD	621 EAST 21ST STREET	BAKERSFIELD	93305	Kern	1
Wholesaler	RSD	402 WEST 35TH	National City	91950	San Diego	35
Wholesaler	RSD Santa Ana	2100 E. WILSHIRE AVE	SANTA ANA	92705	Orange	17
Wholesaler	RSD	1705 E Francis Street	ONTARIO	91761	San Bernardino	6
Wholesaler	RSD	110 EAST MAIN STREET	EL CENTRO	92243	Imperial	3
Wholesaler	RSD	7332 CONVOY COURT, STE A	SAN DIEGO	92111	San Diego	11
Wholesaler	RSD	527 BRUNKEN AVENUE	SALINAS	93901	Monterey	3
Wholesaler	Refrigeration Supplies Distributor (RSD)	1050 Commercial Street	San Jose	95112	Santa Clara	30

Wholesaler	Refrigeration Supplies Distributor (RSD)	10170 Croydon Way	Sacramen to	95827	Sacramento	52
Wholesaler	Refrigeration Supplies Distributor (RSD)	1201 Monterey Pass Road	Monterey Park	91754	Los Angeles	19
Wholesaler	Refrigeration Supplies Distributor (RSD)	724 S. Flower Street	Burbank	91502	Los Angeles	14
Wholesaler	Refrigeration Supplies Distributor (RSD)	702 W. 190th Street	Gardena	90248	Los Angeles	62
Wholesaler	Refrigeration Supplies Distributor (RSD)	2551 Stanwell Drive	Concord	94520	Contra Costa	64
Wholesaler	Refrigeration Supplies Distributor (RSD)	915 Industrial Avenue	Redding	96002	Shasta	7
Wholesaler	RSD	2890 E CORONADO ST	ANAHEIM	92806	Orange	18
Wholesaler	RSD	21727 NORDHOFF STREET	CHATSWO RTH	91311	Los Angeles	44
Wholesaler	Refrigeration Supplies Distributor (RSD)	43300 BUSINESS PARK DR. A102	TEMECUL A	92590	Riverside	9
Wholesaler	Refrigeration Supplies Distributor (RSD)	702 W. 190th Street	Gardena	90248	Los Angeles	152
Wholesaler	RSD	285 LAWRENCE AVENUE	SOUTH SAN FRANCISC O	94080	San Mateo	5
Wholesaler	Refrigeration Supplies Distributor (RSD)	3355 McMaude Place	Santa Rosa	95407	Sonoma	55
Wholesaler	Refrigeration Supplies Distributor (RSD)	640 COMMERCE DRIVE	ROSEVILL E	95678	Placer	47
Wholesaler	RSD	2350 LEXINGTON STREET	SACRAME NTO	95815	Sacramento	37
Wholesaler	RSD	436 HESTER STREET	SAN LEANDRO	94577	Alameda	32
Wholesaler	RSD	117 Via Trevizio	Corona	92879	Riverside	16
Wholesaler	Sigler Wholesale Distributors	21200 Lassen Street	CHATSWO RTH	91311	Los Angeles	52

Wholesaler	Sigler	7021 Schirra Court	Bakersfield	93313	Kern	5
Wholesaler	Russell Sigler Inc.	804-A RANCHEROS DRIVE	San Marcos	92069	San Diego	7
Wholesaler	Russell Sigler Inc.	3648 E INDUSTRY AVE	LAKEWOOD	90712	Los Angeles	45
Wholesaler	Sigler	15612 FIRST ST	IRWINDALE	91706	Los Angeles	26
Wholesaler	Sigler Wholesale Distributors	2641 LINDSAY PRIVADO DRIVE	ONTARIO	91761	San Bernardino	4
Wholesaler	Sigler Wholesale Distributors	1920 MARK COURT	CONCORD	94520	Contra Costa	22
Wholesaler	Sigler Inc	73605 Dinah Shore Drive	Palm Desert	92211	Riverside	6
Wholesaler	Sigler Wholesale Distributors	14751 MERIDIAN PARKWAY	RIVERSIDE	92518	Riverside	3
Wholesaler	Sigler Wholesale Distributors	2000 ANCHOR COURT	THOUSAND OAKS	91320	Ventura	43
Wholesaler	Smardan-Hatcher Co.	17273 Mt. Hermann St.	Fountain Valley	92708	Orange	3
Wholesaler	Thrifty Supply	8541 23RD AVE	SACRAMENTO	95826	Sacramento	1
Wholesaler	Totaline	15041 Bake Pkwy	Irvine	92618	Orange	6
Wholesaler	Trane Supply	3565 Corporate Court	San Diego	92123	San Diego	17
Wholesaler	Trane Company	15551 Red Hill Avenue	TUSTIN	92780	Orange	2
Wholesaler	Trane Parts Center	4380 Warehouse Court	North Highlands	95660	Sacramento	16
Wholesaler	Trane Company Glendale	3631 SAN FERNANDO ROAD	GLENDALE	91204	Los Angeles	1
Wholesaler	United Refrigeration, Inc.	6150 Valley View Street	Buena Park	90620	Orange	36
Wholesaler	United Refrigeration	4060 EAST AIRPORT DRIVE	ONTARIO	91761	San Bernardino	12
Wholesaler	United Refrigeration, Inc.	1265 W. McCoy Lane	Santa Maria	93455	Santa Barbara	7
Wholesaler	United Refrigeration, Inc.	510 E. Rancho Vista Blvd.	Palmdale	93550	Los Angeles	1
Wholesaler	United Refrigeration	3101 Gilmore Ave	BAKERSFIELD	93308-6342	Kern	4
Wholesaler	United Refrigeration, Inc.	1920 E. McFadden Avenue	Santa Ana	92705	Orange	14
Wholesaler	United Refrigeration, Inc.	1736 Janelli Court	Visalia	93292	Tulare	1

Wholesaler	United Refrigeration	5345 THIRD STREET	IRWINDAL E	91706	Los Angeles	105
Wholesaler	United Refrigeration, Inc.	8841 Clairemont Mesa Blvd	San Diego	92123	San Diego	78
Wholesaler	United Refrigeration, Inc.	77670 Springfield Lane	Palm Desert	92211	Riverside	5
Wholesaler	United Refrigeration	933 WASHINGTON STREET	SAN CARLOS	94070	San Mateo	21
Wholesaler	United Refrigeration C4	16606 Schoenborn St	North Hills	91343	Los Angeles	7
Wholesaler	United Refrigeration D5	3421 N. San Fernando Road	Los Angeles	90065	Los Angeles	19
Wholesaler	U.S. Air Conditioning Distributors (USACD)	9836 Alburtis Ave.	Santa Fe Spgs	90670	Los Angeles	114
Wholesaler	Us Air Conditioning Distributors (USACD)	2539 Teller Road	Newbury Park	91320	Ventura	42
Wholesaler	Us Air Conditioning Distributors (USACD)	2100 Chicago Ave.	Riverside	92507	Riverside	59
Wholesaler	Us Air Conditioning	8717 COMPLEX DR.	San Diego	92123	San Diego	18
Wholesaler	USACD	16950 Chestnut St.	City of Industry	91748	Los Angeles	148
Wholesaler	Us Air Conditioning Distributors (USACD)	2531 S. Alameda St.	Vernon	90058	Los Angeles	41
Wholesaler	U.S. Air Conditioning Distributors (USACD)	1233 N. 5th Street	San Jose	95112	Santa Clara	30
Wholesaler	U.S. Air Conditioning Distributors (USACD)	291 Harbor Way	S San Francisco	94080	San Mateo	4
Wholesaler	U.S. Air Conditioning Distributors (USACD)	815 Chadbourne Road	Fairfield	94534	Solano	28

Wholesaler	U.S. Air Conditioning Distributors (USACD)	22572 Shannon Circle	Lake Forest	92630	Orange	16
Wholesaler	U.S. Air Conditioning Distributors (USACD)	301 9th Street	Modesto	95351	Stanislaus	8
Wholesaler	U.S. Air Conditioning Distributors (USACD)	3062 E. Inland Empire Blvd	Ontario	91764	San Bernardino	23
Wholesaler	U.S. Air Conditioning Distributors (USACD)	39-312 Leopard Street,	Palm Desert	92211	Riverside	18
Wholesaler	U.S. Air Conditioning Distributors (USACD)	701 Adell Street	San Bernardino	92410	San Bernardino	8
Wholesaler	Us Air Conditioning Distributors (USACD)	9250 OWENSMOUTH AVENUE	CHATSWORTH	91311	Los Angeles	88
Wholesaler	USACD	495 MARQUITA AVENUE	PASO ROBLES	93446	San Luis Obispo	8
Wholesaler	Us Air Conditioning Distributors, Inc. (USACD)	1250 N. Marshall Avenue	El Cajon	92020	San Diego	78
Wholesaler	Us Air Conditioning Distributors (USACD)	2751 Temple Avenue	Signal Hill	90755	Los Angeles	80
Wholesaler	Us Air Conditioning Distributors (USACD)	27470 Colt Court	Temecula	92590	Riverside	10
Wholesaler	Us Air Conditioning Distributors (USACD)	1995 Fairway Drive	San Leandro	94577	Alameda	15
Wholesaler	Us Air Conditioning	1238-A Simpson Way	Escondido	92029	San Diego	35

	Distributors (USACD)					
Wholesaler	Us Air Conditioning Distributors (USACD)	16900 Chestnut Street	City of Industry	91748	Los Angeles	52
Wholesaler	Us Air Conditioning Distributors (USACD)	3333 ORANGE GROVE	NORTH HIGHLAN DS	95660	Sacramento	44
Wholesaler	Us Air Conditioning Distributors, Inc. (USACD)	1304 S. Claudina Street	Anaheim	92805	Orange	40
Wholesaler	Us Air Conditioning Distributors, Inc. (USACD)	3035 Crossroads Drive	Redding	96003	Shasta	11
Wholesaler	Us Air Conditioning Distributors (USACD)	68-713 Perez Road	Cathedral City	92234	Riverside	3
Wholesaler	USACD	2670 E. BYRD AVE	FRESNO	93706	Fresno	1
Wholesaler	Us Air Conditioning Distributors (USACD)	2455 Teepee Drive	Stockton	95205	San Joaquin	11
Wholesaler	USACD	17615 CATALPA STREET	HESPERIA	92345	San Bernardino	11
Wholesaler	W.W. Grainger, Inc.	2261 Ringwood Ave.	San Jose	95131	Santa Clara	7
Wholesaler	W.W. Grainger, Inc.	1334 Dayton St.	Salinas	93901	Monterey	1
Wholesaler	Baker Distributing Company	11636 Tuxford Street	Sun Valley	91352	Los Angeles	10
Wholesaler	Baker Distributing Company	1261 West 9th Street	Upland	91786	San Bernardino	23
Wholesaler	Baker Distributing Company	899 Industry Way	El Centro	92243	Imperial	4
Wholesaler	Baker Distributing Co.	3020 SOUTH KILSON DRIVE	SANTA ANA	92707	Orange	31
Wholesaler	Baker Distributing	241 Market Place	Escondido	92029	San Diego	2
Wholesaler	Baker Distributing Co.	2138 ZANKER ROAD	SAN JOSE	95131	Santa Clara	10
Wholesaler	Baker Distributing Company	149 UNION AVENUE	Bakersfiel d	93307	Kern	1

Wholesaler	Baker Distributing Company	26008 Business Center Drive	Redlands	92374	San Bernardino	11
Wholesaler	Western Nevada Supply	515 S. Main Street	Bishop	93514	Inyo	2
Wholesaler	Western Nevada Supply	10990 INDUSTRIAL WAY	TRUCKEE	96161	Nevada	17
Wholesaler	Western Nevada Supply	200 BELLA WAY	SUSANVILLE	96130	Lassen	3
Wholesaler	Wholesale Solutions	720 Sixth Street	Napa	94559	Napa	8
HHW	Alameda County HHW	5584 La Ribera St.	Livermore	94550	Alameda	14
HHW	Alameda County Household Haz. Waste Program	2100 East 7th Street	OAKLAND	94606	Alameda	82
HHW	Bay Counties Waste Services	301 CARL ROAD	SUNNYVALE	94089	Santa Clara	11
HHW	C & S Waste Solutions of Lassen County	471-825 Diane Drive	Susanville	96127	Lassen	9
HHW	Central Contra Costa Sanitary District	4797 Imhoff Place	Martinez	94553	Contra Costa	31
HHW	Special Waste Collection Center	9255 Disposal Lane	Elk Grove	95624	Sacramento	5
HHW	City Of Folsom Hazardous Waste	1300 Leidesdorff St	Folsom	95630	Sacramento	4
HHW	City Of Fremont Phhwcf	41149 BOYCE ROAD	FREMONT	94538	Alameda	20
HHW	City Of Redding Solid Waste	2255 ABERNATHY LANE	REDDING	96003	Shasta	4
HHW	City Of Sacramento Phhwcf	8491 FRUITRIDGE ROAD	SACRAMENTO	95826	Sacramento	14
HHW	City Of San Diego, HHW Transfer Facility	5161 CONVOY STREET	SAN DIEGO	92111	San Diego	25
HHW	County Of Sacramento	4450 Roseville Road	North Highlands	95660	Sacramento	24
HHW	Hambro Wsg	1700 STATE STREET	CRESCENT CITY	95531	Del Norte	14
HHW	Kern County Special Waste Facility	4951 STANDARD ST.	BAKERSFIELD	93308	Kern	34

HHW	Marin County Household Hazardous Waste Facility	565 JACOBY STREET	SAN RAFAEL	94901	Marin	62
HHW	San Bernadino County HHW	2824 EAST W STREET, BLDG 302	SAN BERNADI NO	92408	San Bernardino	52
HHW	Sonoma County HHW - Clean Harbors	500 Mecham Road	Petaluma	94952	Sonoma	110
HHW	Yolo County Central Landfill	44090 COUNTY RD 28 H	WOODLAND	95776	Yolo	18
University/College	Cal State Sacramento	6000 J St.	Sacramento	95819	Sacramento	4
Other (Private)	Pete Stevens - One time use	5605 Happy Pines Dr	Foresthill	95631	Placer	1
Other (Private)	SGA Marketing	100 W Broadway	Long Beach	90802	Los Angeles	16