



CPSC
California Product
Stewardship Councilsm



RECYCLING UPDATE

2019

Updates for Senate Bill 212
& DHCS Grant

March 19, 2019

CPSC Board/Organization



Staff



Top: Justin Weiss, Nate Pelzcar
Middle: Doug Kobold, Joanne Brasch
Bottom: Jordan Wells, Heidi Sanborn

Board Executive Committee



Kristina Miller, Chair
City of Corning



Manuel Medrano, Vice-Chair
City of Chula Vista



Tedd Ward, Treasurer
Del Norte WMA



Patrick Holland, Secretary
LA County Public Works

CPSC Board/Organization



14 Member Board: <https://calpsc.org/about-us/meet-the-board-members/>



Colleen Foster
City of Oceanside



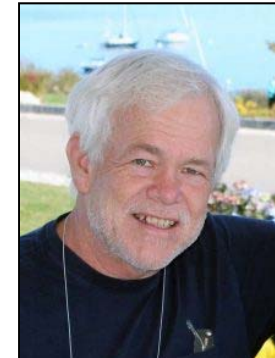
Gretchen Olsen
City of Stockton



Eric Potashner
Recology



Wes Nelson
GreenWaste Carpet
Recycling



Steve Rodowick
Butte County



Antonia Graham
City of Huntington
Beach



Justin Lehrer
Alameda County
StopWaste



Derek Crutchfield
City of Vallejo



Amy Hammes
City of Burbank



Alexa Kielty
City & County of San
Francisco

Why did we form CPSC in 2007?



DISPOSAL BANS WITHOUT MANAGEMENT PLANS!

- DTSC banned CRTs, batteries, Hg lamps, and sharps without any plan or funding to manage them.
- Local governments were fed up – they reached the first 50% but need producers and retailers to help reach zero waste.

Our new look!

calpsc.org



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We get it done.

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PRODUCTS

Learn more about product types, disposal options, and more!



OUR EVENTS

We're excited to invite you to our Lobby Day fundraiser!



OUR PROJECTS

From medicine disposal to carpet recycling, propane tank reuse to battery stewardship, we've got it covered.



GET INVOLVED

Time, talent, or treasure: how can you help?



We have to get to the source of product waste...the producers!

Types of Stewardship

- Product Stewardship: **Voluntary or Mandatory**
 - Usually a visible fee
 - Requires significant oversight
- Extended Producer Responsibility (EPR):
Typically Mandatory
 - Costs imbedded in price of product
 - Minimal oversight

WHAT IS EPR?

Funding and Structures Vary Widely!

EPR/Product Stewardship Spectrum

Thermostats
Ag Pesticide Containers
Recalled Products
Pharmaceuticals & Sharps

Rechargeable
Batteries
(Call2Recycle)

CA Bottle Bill

Carpet
Paint
Mattresses

Tires
eWaste

1 Lb
Refillable
Propane
Cylinders

Producers, Retailers, & Local Government

Retailers, Facilities, Local Government,
& Consumers

**Extended Producer
Responsibility**

**100% Industry
Funded**

Product Stewardship

**Very Little (if any)
Industry Funding**

California EPR & Product Stewardship Legislation



True EPR

1. Ag Pesticide Containers Recycling (2008)
2. Mercury Thermostats (2008)
3. SB 212 Meds and Sharps (2018)

California Department of
Pesticide Regulation



Product Stewardship

1. Beverage Container Recycling Act (1986)
2. Tire Recycling Act (1996)
3. Ewaste Recycling Act (2003)
4. Product Recall Safety & Protection Act (2008)
5. Paint (2010)
6. Carpet (2010 and 2017)
7. Mattresses (2015)



Senate Bill 212 (SB 212)

SB 212 Path:

- Introduced February 1, 2017 by Senator Jackson
- Critical Votes:
 - 08/31/18 – **Assembly Floor: 72 "Ayes", 5 "Noes", 3 "NVR"** (90% Aye Votes)
 - 08/31/18 – **Senate Floor: 39 "Ayes", 0 "Noes", 1 "NVR"** (97.5% Aye Votes)

Votes showed Bi-Partisan support for this important law!

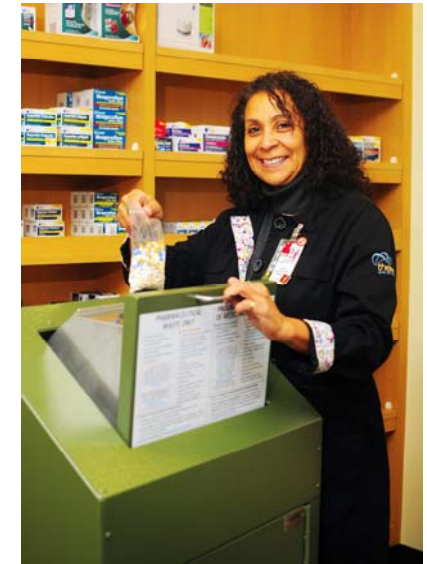


*Left: Senator Bob Wieckowski
testifying on the Senate Floor in
support of SB 212, August 31, 2018*

Senate Bill 212 (cont'd)

What SB 212 does:

- **Convenient Meds Disposal** – Establishes a statewide comprehensive, producer-funded take-back program to provide safe and convenient disposal options for home-generated pharmaceutical drugs and sharps waste.
- **Aids in Prevention** – Gets excess drugs out of people's homes, helping in the prevention of accidental poisonings and abuse, which has one of the main contributors fueling the opioid epidemic.
- **Free Safe Needle Disposal** – Requires distribution of free safe disposal sharps containers with every needle sold. Local jurisdictions with HHW facilities get reimbursed for disposal costs of sharps waste.
- **Protection** – Helps protect solid waste, parks, hotel, wastewater, sanitation, and other workers, river and beach clean-up volunteers, and the public from accidental needle stick injuries.
- **Preemption** – Preempts future local ordinances or those adopted on or after April 18, 2018 to ensure consistency and predictability for manufacturers.
- **Enforcement** – Regulation and enforcement by CalRecycle. CalRecycle to adopt regulations no later than January 1, 2021.



Bin at CSU, Sacramento Pharmacy

Senate Bill 212 (cont'd)

In the Interim...

SB 212 Regulations & Stewardship Plan:

- Regulations promulgated by CalRecycle by January 1, 2021
- Up to six months for Stewardship Plan (Plan) submittal after Regs adoption (by June 30, 2021)
- CalRecycle has 30 days for completeness review (July 31, 2021)
- 90 days for review/approval of Plan from submittal date (September 28, 2021)
- Full implementation of Plan within 270 days of Plan approval (June 28, 2022)
- 1st Informal Workshop for the regulations was held on January 30, 2019.

Best case timeline:

~3.5 years from January 30th!



Senate Bill 212 (cont'd)

Options for Counties

1. Wait the 3.5 years until the program is rolled out (Do Nothing!)
(County can't require manufacturer takeback or funding)
2. Use political influence to encourage retail pharmacies and hospitals to voluntarily offer takeback
3. Pass an ordinance requiring mandatory pharmacy participation
 - a) Pharmacy Funded
 - b) County Funded
 - c) Hybrid Funding
 - d) Grant Funded
 - i. Regional Grants – Such as Confluence Regional Partnership Program
 - ii. State Grants – Possibly CalRecycle HHW or DPH Funding
 - iii. Special Grants – **CPSC won the DHCS #18-95372 Grant for \$3M over a 2-Year period.** CPSC still looking and applying for other funding!
4. Relocate bins from those being taken offline – Disposal costs need to be covered
5. Offer more DEA style events with Law Enforcement
6. Heavily publicize existing bins (white board videos)



CPSC is here to help!

Senate Bill 212 (Regulations)

CalRecycle Informal Rule Making Workshops

- Workshop No. 1 – Draft Regulatory Concepts
 - January 30, 2019
 - ~ 60-70 Stakeholders in attendance
 - Articles 1-3 Discussed
 - Article 1 – Definitions
 - Article 2 – Covered Entities and Stewardship Organizations
 - Article 3 – Stewardship Plans
- Workshop No. 2 – Draft Regulatory Concepts
 - February 27, 2019
 - ~10 Stakeholders in attendance
 - Articles 4-7 Discussed
 - Article 4 – Reports, Budgets, & Reports
 - Article 5 – Financial Provisions
 - Article 6 – Enforcement
 - Article 7 – Miscellaneous Provisions
- Next workshops – Draft Regulatory Text
 - May 17, 2019 & June 17, 2019



<https://www.calrecycle.ca.gov/epr/pharmasharps/>

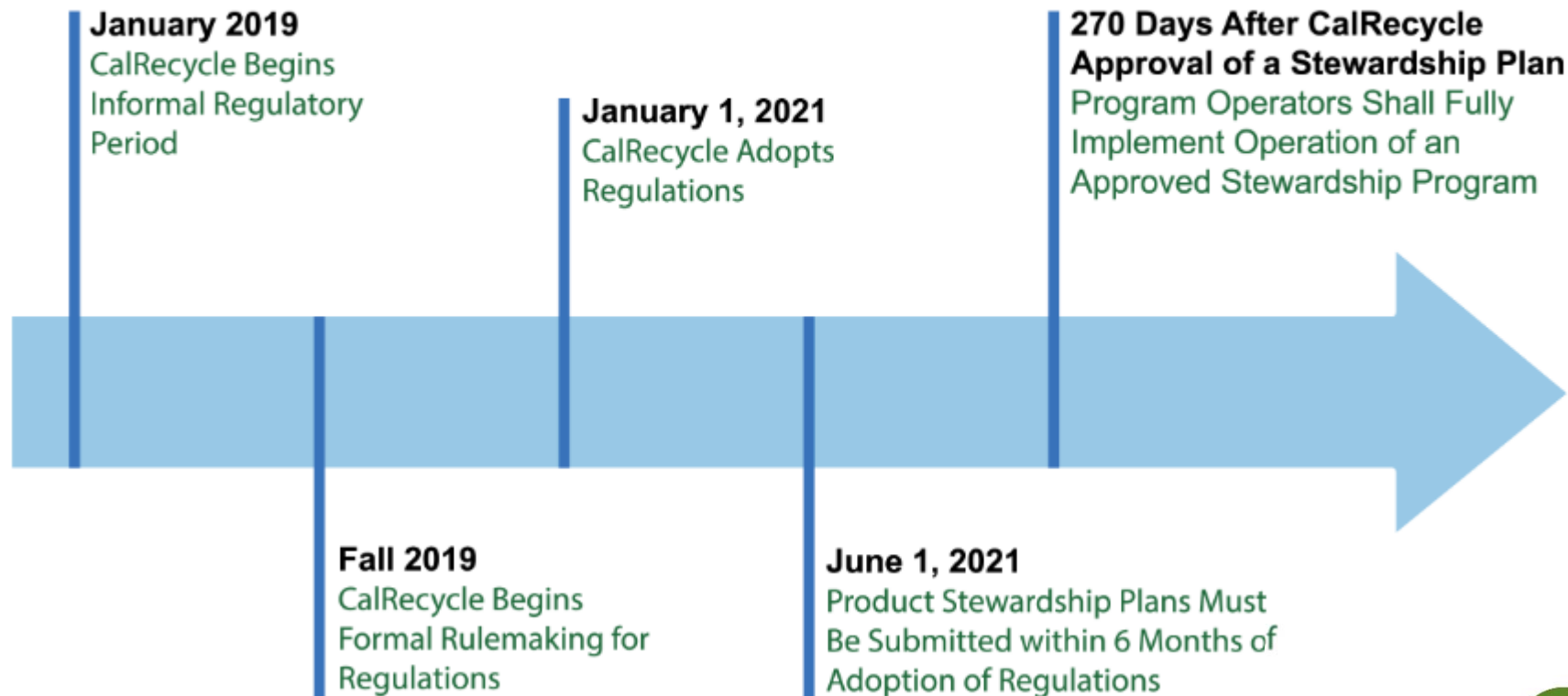


Senate Bill 212 (Regulations cont'd)



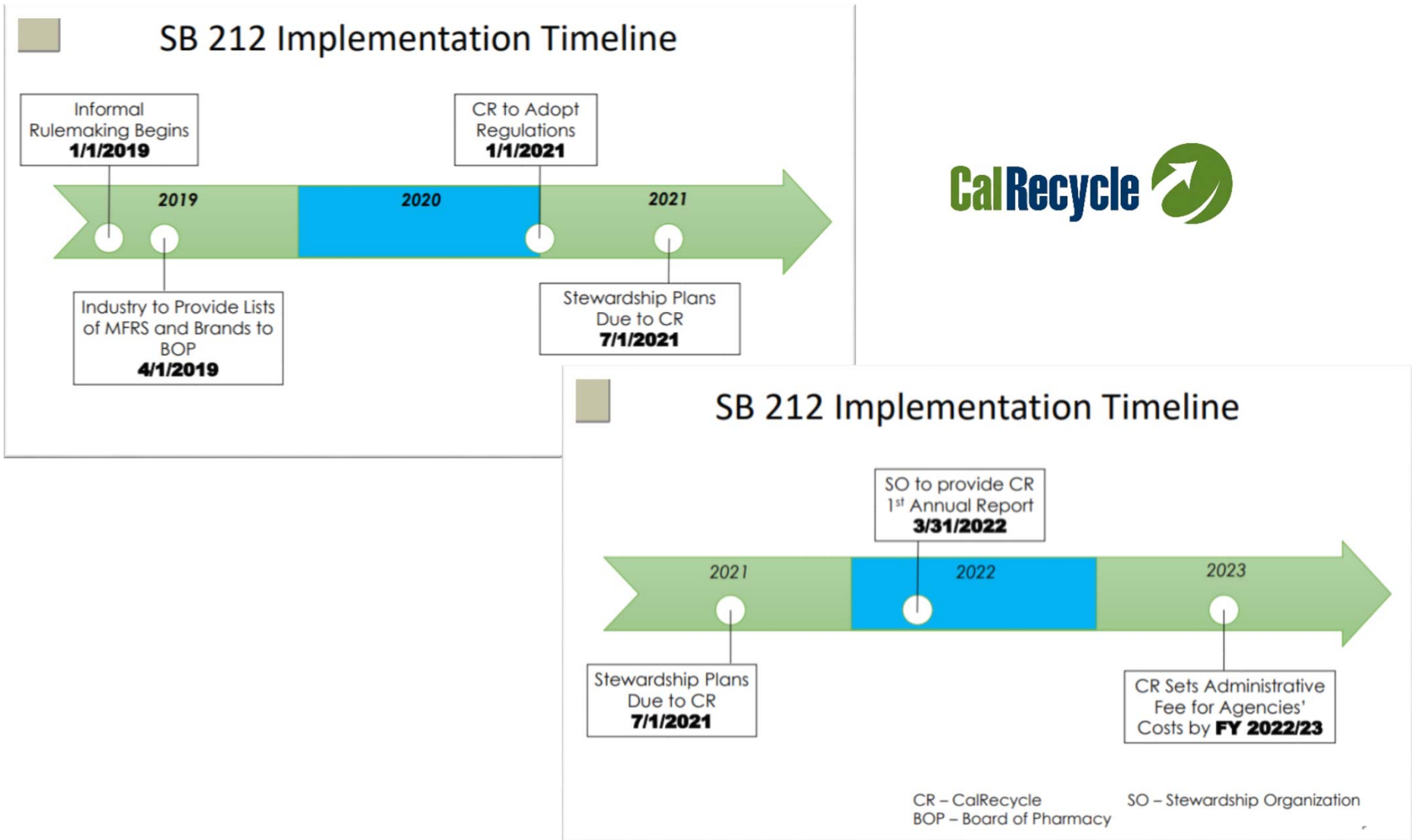
CalRecycle Timelines

Anticipated Timeline of Major Activities



Senate Bill 212 (Regulations cont'd)

CalRecycle Timelines



Case Study

Cost Example (Case Study for Sacramento County)

Estimated Costs for Sacramento County using SB 212 Minimum Standards

1. SB 212 requires one bin for every 50,000 people, or minimum 5 bins per county AND opt-in for any location that wants a bin can get a bin within 90 days!
2. Population in 2018: 1.5M people
3. That's 30 bins in Sacramento County (including cities)
4. Cost is ~\$5,000/bin for purchase, delivery, install, recruitment, and basic public outreach
5. \$150K in startup costs
6. Bin service costs \$150/service (frequency varies significantly)
7. Assuming twice/week service = ~\$468K/year (probably worst case)



Above: Med bin at the Lone Police Department

DHCS Grant 18-95372

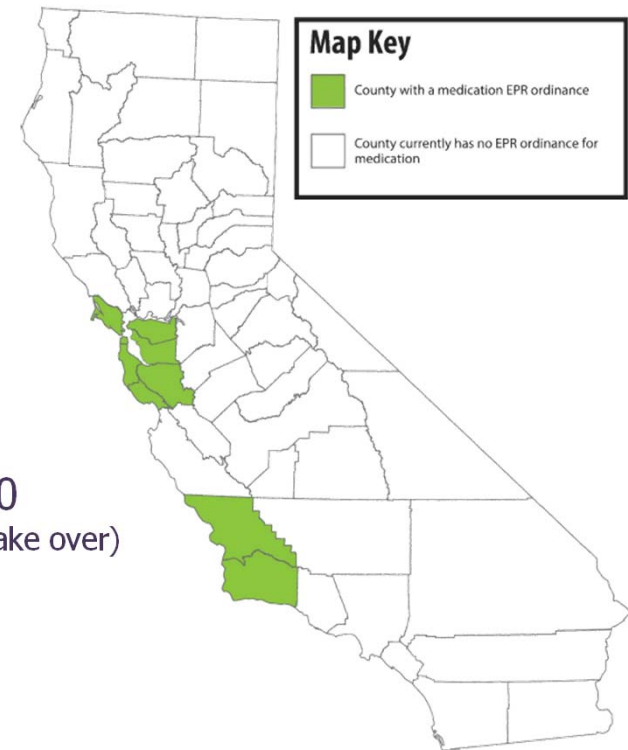


Grant Details

- Awarded November 8, 2018
- \$3M total grant award as part of Federal Grant of \$140M to combat Opioid Crisis
- Grant project and funding ends September 30, 2020
- Install approximately 270 safe disposal receptacles statewide
- Only in the 49 Counties without a Take-Back Ordinances
- Two Phase Application process for hosts
- Placement Priority based on set criteria



- Minimum of 1 receptacle per county
- Opioid Overdose Rate
- Existing receptacles from other programs (Rose Grants, Law Enforcement, Chain Pharmacies, etc.)
- Convenience for consumers
- Ability to carry servicing costs after August 15, 2020 (From August 15, 2020 to roughly June 2022, when SB 212 should take over)



DHCS Grant 18-95372 (cont'd)



California Department of Public Health



California Opioid Overdose Surveillance Dashboard

<https://discovery.cdph.ca.gov/CDIC/ODdash>

California Quick Stats

2,196

All Opioid Overdose Deaths,
2017

429

Fentanyl Overdose Deaths,
2017

4,281

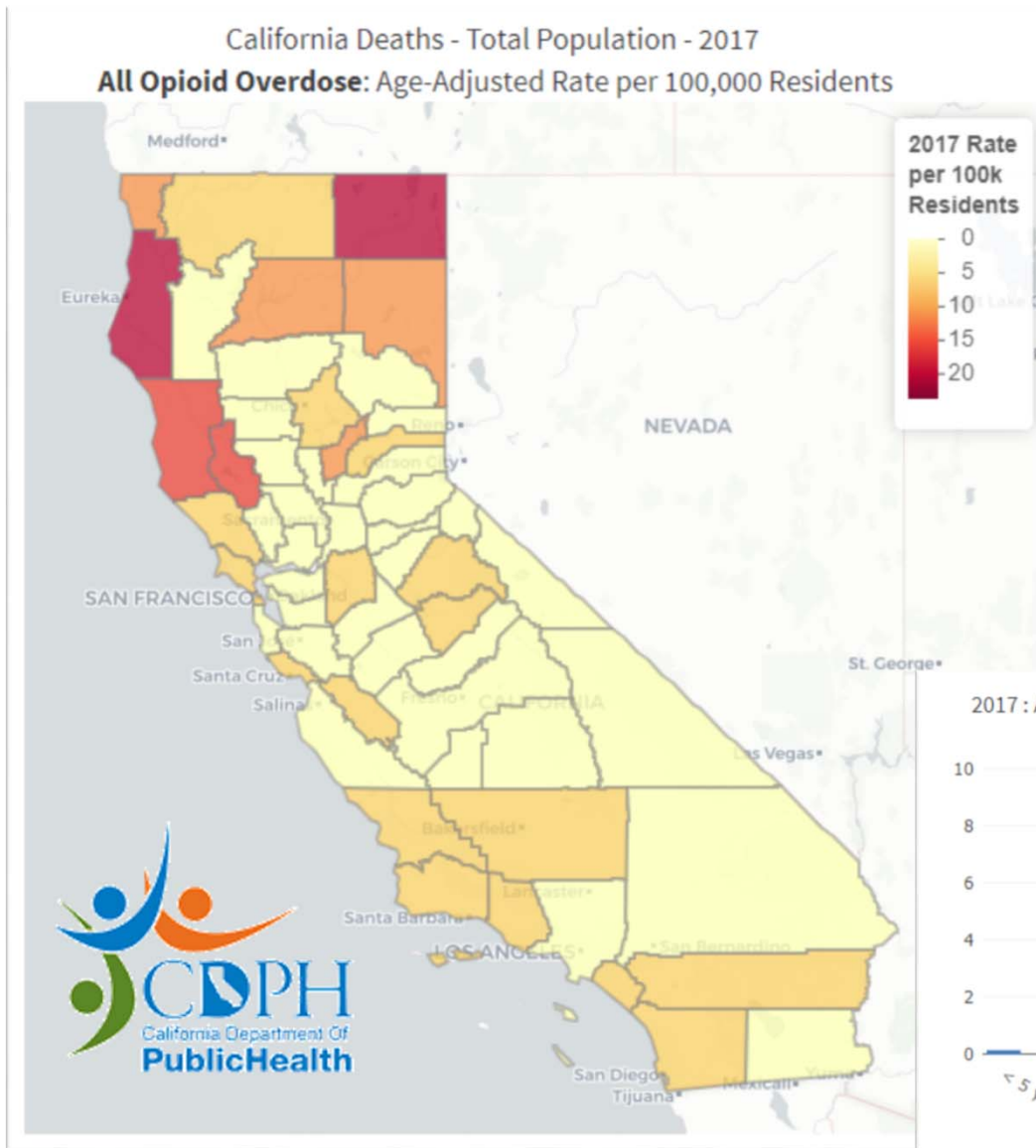
Opioid (excl Heroin) Overdose
ED Visits, 2017

21,787,042

Opioid Prescriptions, 2017

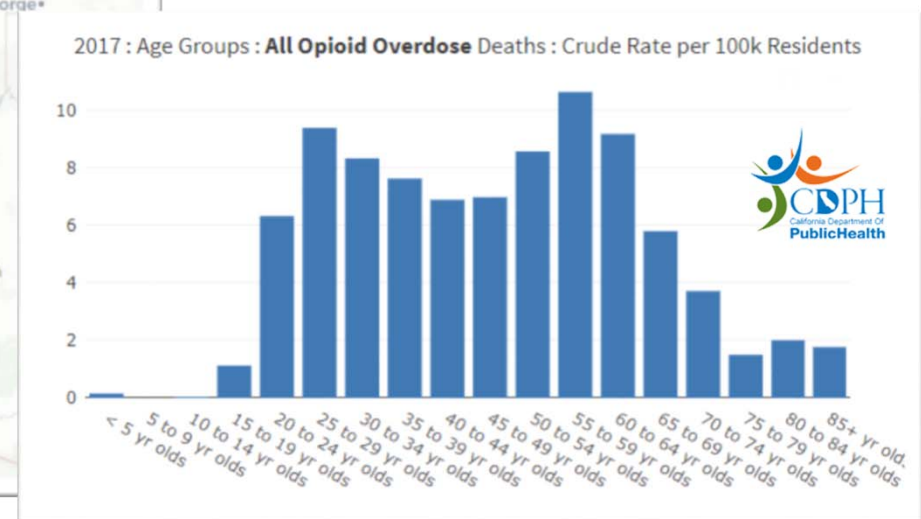
Welcome to the California Opioid Overdose Surveillance Dashboard

DHCS Grant 18-95372 (cont'd)



Overdose Statistics

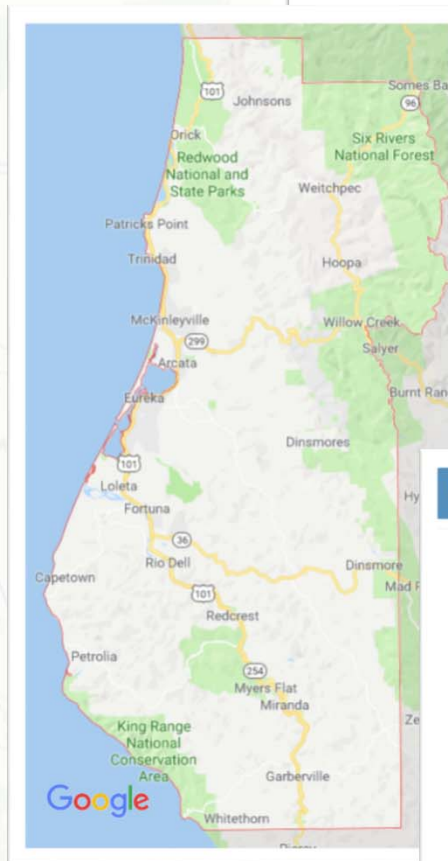
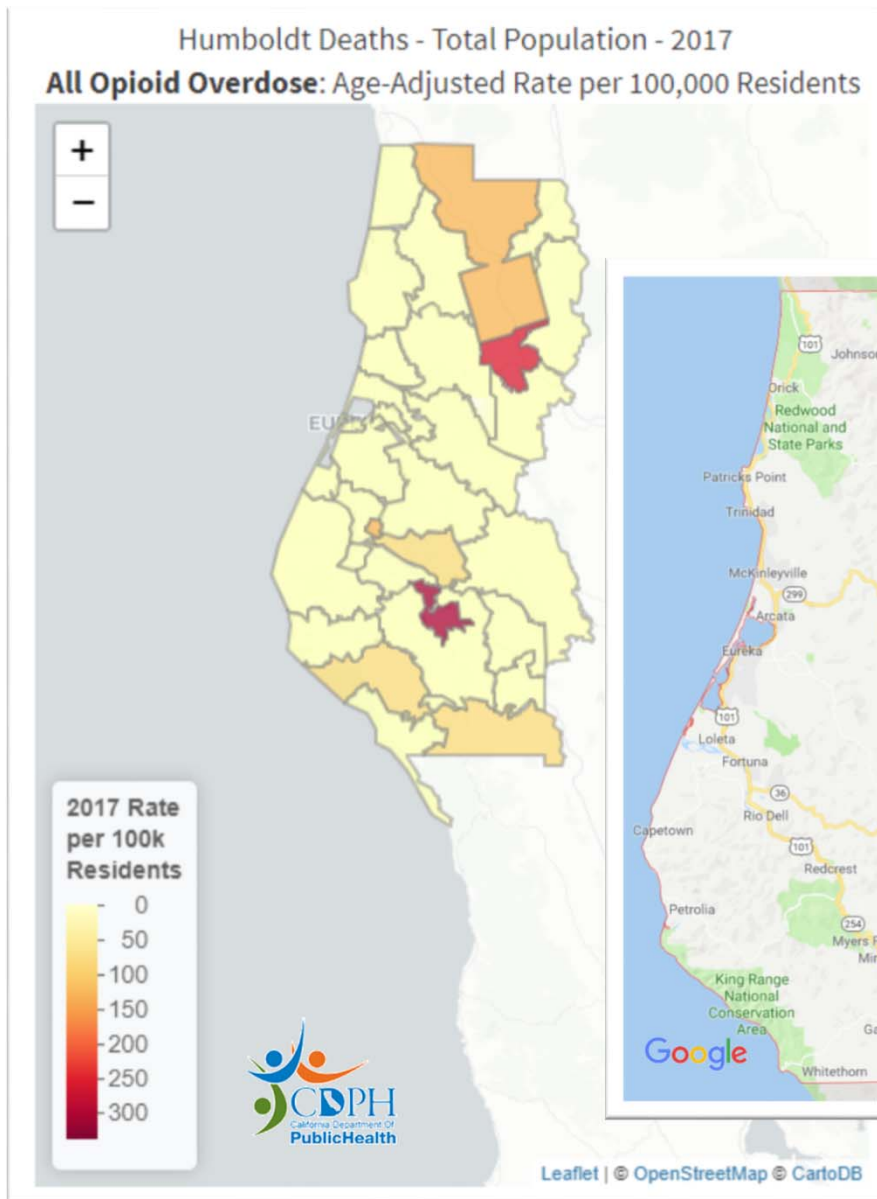
- Death rates per capita by county
- Statewide death rates by age groups



DHCS Grant 18-95372 (cont'd)

Overdose Statistics

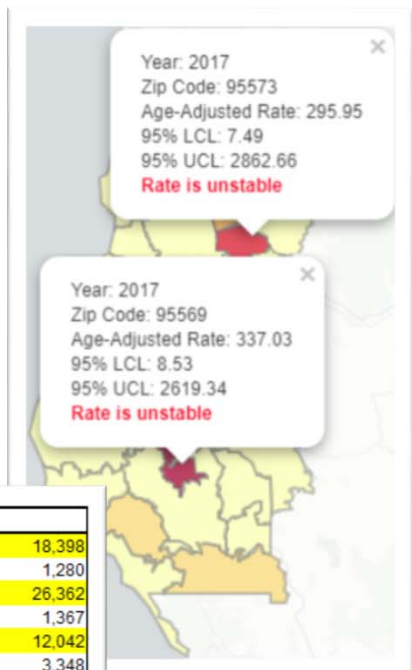
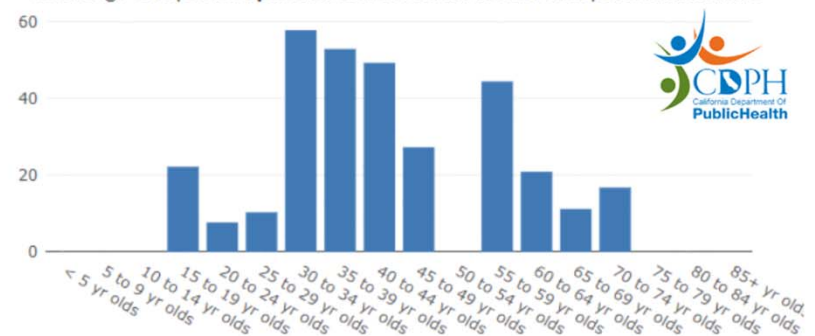
- Death rates per capita by zip code (zip codes can cross county boundaries)
- Death rates by age groups specific to each county



Humboldt County	
Arcata	18,398
Blue Lake	1,280
Eureka	26,362
Ferndale	1,367
Fortuna	12,042
Rio Dell	3,348
Trinidad	340
Balance Of County	72,865
Incorporated	63,137
County Total	136,002

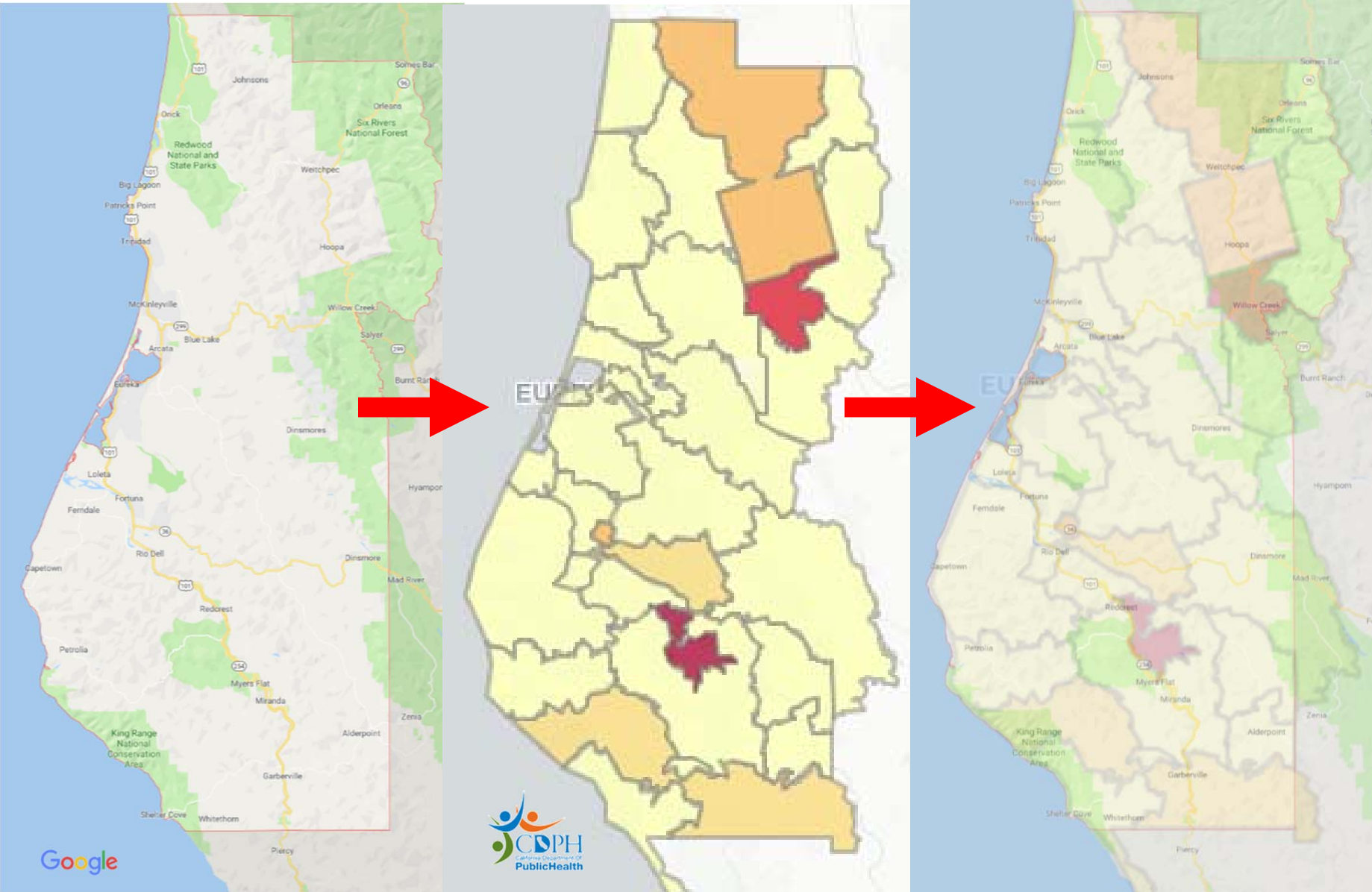
Bar Chart

2017 : Age Groups : All Opioid Overdose Deaths : Crude Rate per 100k Residents



Download data as .csv file

DHCS Grant 18-95372 (cont'd)

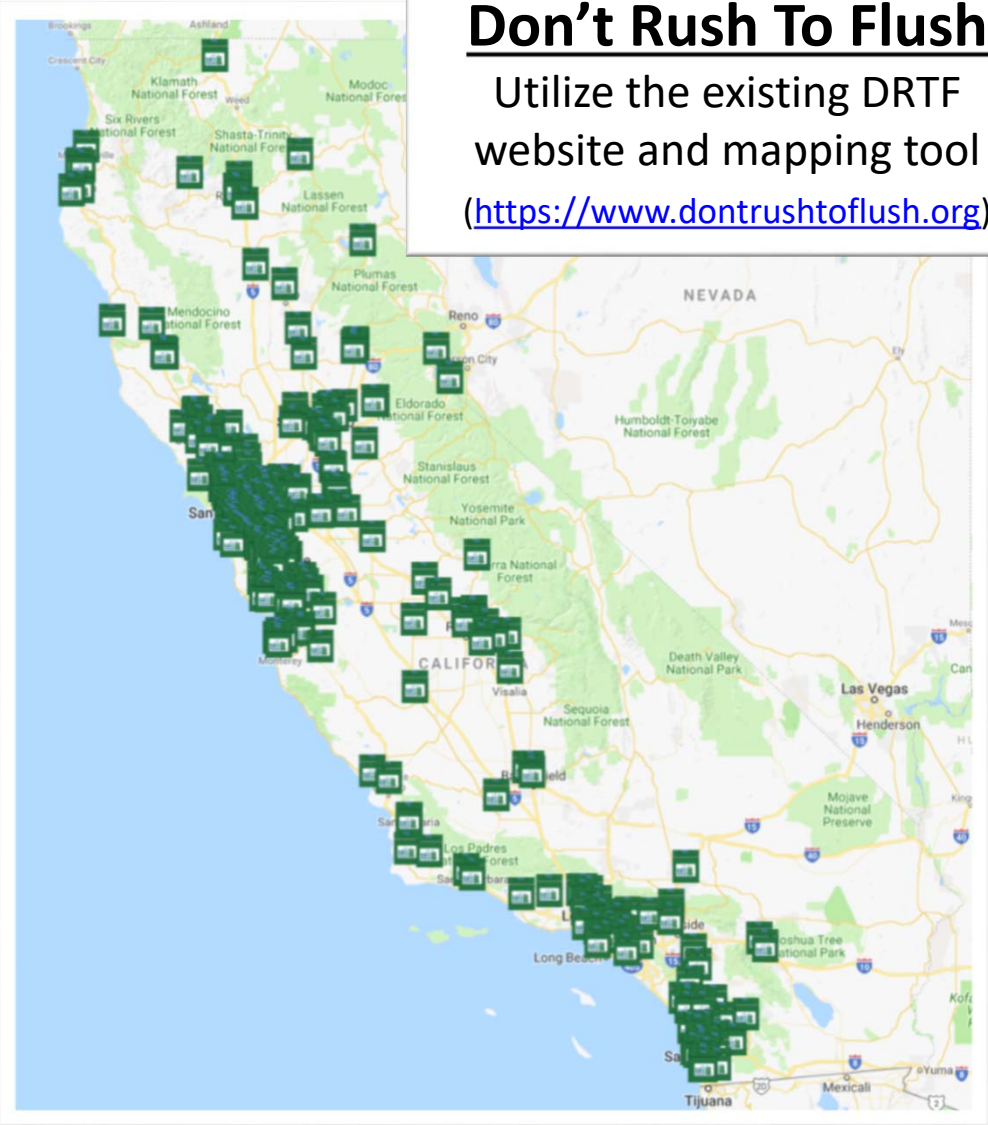


DHCS Grant 18-95372 (cont'd)



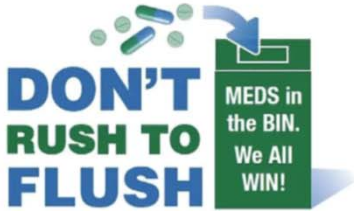
Don't Rush To Flush

Utilize the existing DRTF website and mapping tool (<https://www.dontrushtoflush.org>)



DON'T RUSH TO FLUSH

This program, developed and administered by the California Product Stewardship Council, has the goal of increasing the disposal of unwanted medicines across the state of California.



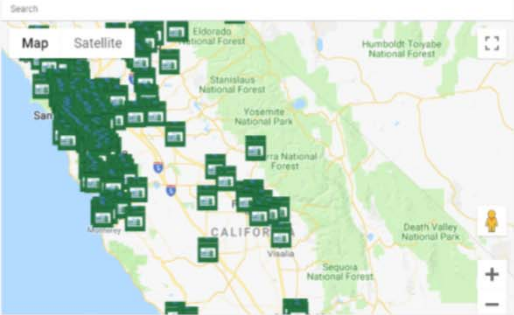
FIND A BIN

HOW IT WORKS

WHAT GOES IN

Bin Drop-Off Locations

Looking for a bin to drop off your unwanted medicines? Use the map below to find a bin near you.



Easy as 1-2-3! Follow These Steps:

How does it work?

DHCS Grant 18-95372 (cont'd)



Receptacles & Finalized Graphics

Finalized Graphics for Receptacles awaiting DHCS approval.

ACCEPTED		ACEPTADO
Prescriptions (Schedule II-V controlled & non-controlled substances) Prescription Ointments, Pet Medications, Prescription Patches, Over-the-Counter Medications		Prescripciones (Sustancias Controladas Registradas III-V, sustancias no controladas) Ungüentos Recetados, Medicinas de Mascotas, Parchos, Medicamentos sin receta.
NOT ACCEPTED		NO ACEPTADO
Needles, Inhalers, Aerosol Cans, Thermometers, Lotions or Liquids, Hydrogen Peroxide, Vitamins		Jeringas, inhaladores, Aerosoles, Termómetros, Lociones líquidos, Peróxido de Hidrogeno (Agua Oxigenada), Vitaminas

<p>Remove personal information from packaging Remueva la información personal de los envases</p>		<p>Firmly seal pill bottle, packaging, or plastic bag Cierre las botellas firmemente, empaques o bolsas de plástico</p>		<p>Open chute and drop in medications Abrir el conducto y dejar caer los medicamentos</p>
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Will share more when program is fully running!

What Can We Do Together?

Partner with CPSC!



1. Fund CPSC to continue to do this good work!
2. Partner with CPSC for grants and projects
3. Adopt a Producer Responsibility Resolution
4. Put Producer Pays in Legislative Platform
5. Include take-back in Procurement Policies
6. Put Producer Pays in Zero Waste and Solid Waste Planning Documents

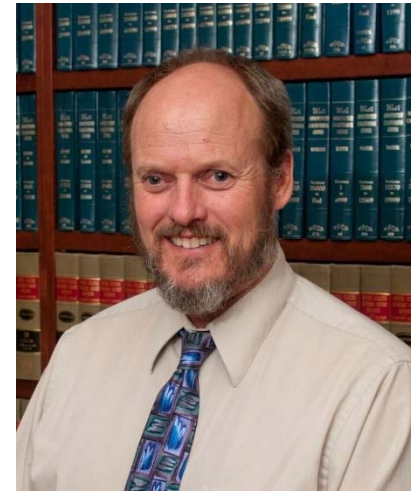


Questions?

Connect with CPSC!



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