

Hawaii Prescription Drug Overdose: Data Driven Prevention Initiative DDPI

Enhanced surveillance data
&
Strategic plan
for prevention and treatment
of opioid abuse

CDC Grant#: NU17CE924862



A Safe Hawai'i... from the Mountains to the Sea.

The vision for injury prevention efforts in Hawai'i. The Department of Health, Injury Prevention and Control Section, EMS & Injury Prevention System Branch, collaborates with partners across the state to address the leading causes of injury that include: drowning prevention, fall prevention, poisoning prevention, suicide prevention, traffic safety, and violence and abuse prevention.

Our mission...

To provide statewide leadership in preventing death and disability associated with injuries in Hawaii by educating, supporting and mobilizing individuals and organizations to incorporate comprehensive injury prevention strategies in their daily activities.



The Hawaii State Department of Health, Injury Prevention and Control Section (IPCS), with strong support from the Injury Prevention Advisory Committee (IPAC), completed the Hawaii Injury Prevention Plan with funding from a Public Health Injury Surveillance and Prevention Program capacity building grant and a Core Violence and Injury Prevention Program grant, both from the Centers for Disease Control and Prevention (CDC).

You can download and read the full [Hawaii Injury Prevention Plan 2012-2017](#)



Hawai'i Injury Prevention Plan 2012-2017

Injury Prevention Advisory Committee
Injury Prevention and Control Section

Hawai'i State Department of Health
Emergency Medical Services and Injury Prevention System Branch

Leading mechanisms of fatal injuries in Hawaii, by 5-year periods, 1997-2016

	1997-2001	2002-2006	2007-2011	2012-2016
1	motor vehicle (673)	motor vehicle (755)	DRUG POISONING (807)	falls (825)
2	falls (434)	DRUG POISONING (567)	falls (666)	DRUG POISONING (811)
3	suffocation (426)	falls (562)	motor vehicle (625)	motor vehicle (600)
4	DRUG POISONING (398)	suffocation (466)	suffocation (572)	suffocation (596)
5	drowning (283)	drowning (356)	drowning (366)	drowning (401)
6	firearm (240)	firearm (178)	firearm (210)	firearm (240)
7	other transport (64)	poisoning (48)	poisoning (74)	cut/pierce (67)
8	cut/pierce (63)	other transport (45)	cut/pierce (65)	other transport (52)
9	poisoning (42)	cut/pierce (43)	other transport (46)	poisoning (74)
10	fires and burns (39)	fires and burns (30)	fires and burns (25)	fires and burns (31)

Hawaii DDPI Plan – Timeline (9/1/2017-8/31/2019)

Timeline	Year 1 (9/2016-8/2017)				Year 2 (9/2017-8/2018)				Year 3 (9/2018-8/2019)			
	Qtr 1	Qtr2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr2	Qtr 3	Qtr 4
Strategy 1. Develop prescription drug and heroin abuse prevention plan												
Needs assessment <ul style="list-style-type: none"> • Needs assessment draft – 5/3/17 • IRB approved & all materials finalized – 5/31/17 • Data collection, analysis and initial draft – 7/15/17 • Needs assessment presented to Executive Steering Committee – 9/30/17 • Finalize report – 12/31/17 												
Strategic plan Recommendations <ul style="list-style-type: none"> • Physician feedback – Information gathering webinars (2) – 6/17 • Planning Committee meeting draft recommendations- 7/15 & 8/15/17 • Executive Steering Committee on Substance Use review and support of final recommendations – 9/17 & 11/17 												
Implementation plan <ul style="list-style-type: none"> • Form 3-4 workgroups (based on recommendations) to develop strategies/activities, stakeholder commitment -1/18- 8/18 • Implement priority recommendation(s) -9/18-8/19 • Complete plan and post on-line – 12/18 												
Evaluate project with feedback on next steps												

Hawaii DDPI Plan – Timeline (9/1/2017-8/31/2019)

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	Qtr 1	Qtr2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr2	Qtr 3	Qtr 4
Strategy 3 - Enhance surveillance of prescription drug and heroin abuse and overdose												
HHIC <ul style="list-style-type: none"> Contract Executed – by 5/17 Acquire, link lab toxicology data to HHIC – 6/17 Acquire and analyze hospital and ED data – ongoing Acquire and link data from HHIC and HPC – 6/17 Poisoning Autopsy data review <ul style="list-style-type: none"> Review records (2012-2015) and link to updated death certificate data – 5/17 & ongoing HPC Study <ul style="list-style-type: none"> Provide poison data for linkage and evaluation –5/17 & ongoing 												
Strategy 4 - Enhance access and application of PDMP data												
PDMP Data Linkage <ul style="list-style-type: none"> Contract executed – by 5/17 Link, analyze data - death certificates, autopsy record with PDMP data base PDMP Indicators <ul style="list-style-type: none"> Acquire, apply SAS program to generate PDMP Disseminate data on PDMP indicators 												
Strategy 5 - Enhance county access and application of data												
Analyze data by state and four counties – 12/17												
Develop and disseminate state and county level profiles –9/18												

Strategy 1.

Develop prescription drug and heroin abuse prevention plan

Needs assessment draft – 5/3/17

- **IRB approved & all materials finalized – 5/31/17**
- **Data collection, analysis and initial draft – 7/15/17**
- **Needs assessment presented to Executive Steering Committee – 9/30/17**
- **Finalize report – 12/31/17**

Strategic Plan *Recommendations*

- **Physician feedback – Information gathering webinars (2) – 6/17**
- **Planning Committee meeting draft recommendations- 7/15 & 8/15/17**
- **Executive Steering Committee on Substance Use review and support of final recommendations – 9/17 & 11/17**

Implementation Plan

- **Form 3-4 workgroups (based on recommendations) to develop strategies/activities, stakeholder commitment -1/18- 8/18**
- **Implement priority recommendations –9/18-8/19**
- **Complete plan and post on-line – 12/18**

Evaluate project with feedback on next steps

Strategy 2 - Develop partnerships

- **DDPI Data Committee (DC) convened – 4/6/17**
- **Launch with Governor David Ige – convene joint Executive Steering Committee on Substance Use & Strategic Planning Committee – July 2017**
- **Workgroups convene – January 2018**

Strategy 3 - Enhance surveillance of prescription drug and heroin abuse and overdose

HHIC

- **Contract Executed – by 5/17**
- **Acquire, link lab toxicology data to HHIC – 6/17**
- **Acquire and analyze hospital and ED data – ongoing**
- **Acquire and link data from HHIC and HPC – 6/17**

Poisoning Autopsy data review

- **Review records (2012-2015) and link to updated death certificate data – 5/17 & ongoing**

HPC Study

- **Provide poison data for linkage and evaluation –5/17 & ongoing**

“Injury Pyramid”: available data

on alcohol/drug use

**Deaths
(FARS/ME):
toxicology**

**Trauma Registry:
alcohol/drug screens**

**Hospital admissions:
dx codes**

**Emergency department visits:
dx codes**

**Ambulance-attended injuries/EMS reports
medic observations: AOTB, patient admission, paraphenalia**

**HHIC
data**



Data linkage: HHIC and Hawaii Poison Center records

HPC data

Deterministic linkage,
(name, dob), by HHIC

**Hawaii Health Information
Corporation:**
billing data for all hospital
records in the state (ex. TAMC)

**HPC
patients**

**other
patients**

- disposition
- length of stay
- medical charges

***Strategy 4 –
Enhance access and application of PDMP data***

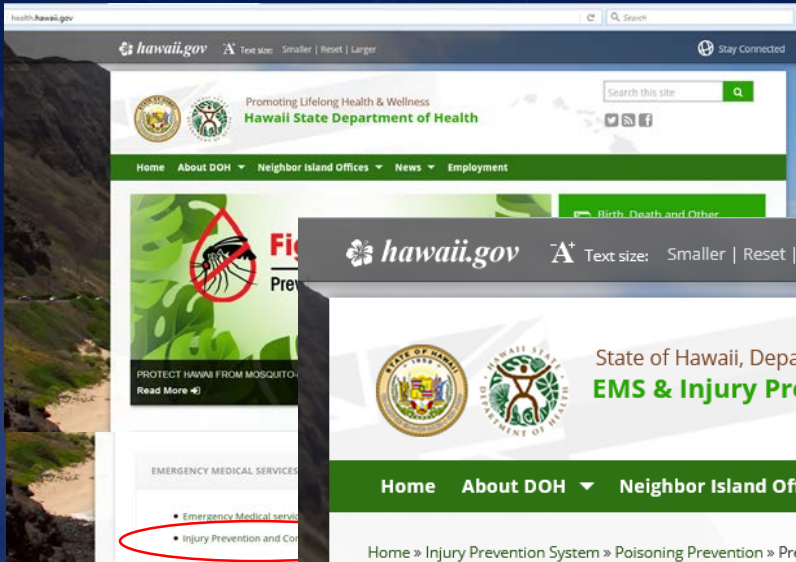
PDMP Data Linkage

- **Contract executed – May 2017**
- **Link, analyze data - death certificates, autopsy record with PDMP data base**

PDMP Indicators

- **Acquire, apply SAS program to generate PDMP**
- **Disseminate data on PDMP indicators**

Registering for Hawaii's PDMP



A screenshot of the Hawaii State Department of Health website, specifically the EMS & Injury Prevention System Branch page. The page features the state seal and the text "State of Hawaii, Department of Health EMS & Injury Prevention System Branch". A navigation menu includes "Home", "About DOH", "Neighbor Island Offices", "News", and "Employment". The page content includes a search bar, a breadcrumb trail "Home » Injury Prevention System » Poisoning Prevention » Preventing Prescription Drug Overdose in Hawai`i", and a red button labeled "EMERGENCY? click here". The main heading is "PREVENTING PRESCRIPTION DRUG OVERDOSE IN HAWAI`I". The page includes a sidebar with a list of topics: "IPCS HOME", "TRAFFIC SAFETY", "PREVENTING FALLS AMONG OLDER ADULTS", "DROWNING PREVENTION", "SUICIDE PREVENTION", and "POISONING PREVENTION". The "POISONING PREVENTION" section is expanded, showing "Preventing Prescription Drug Overdose In Hawai`i". The main content area includes a section titled "What is the Hawai`i Prescription Monitoring Program?" and a "Who Can Use the PMP?" section with a "Register Here" button.

State of Hawaii, Department of Health
EMS & Injury Prevention System Branch

Home About DOH Neighbor Island Offices News Employment

Home » Injury Prevention System » Poisoning Prevention » Preventing Prescription Drug Overdose in Hawai`i

EMERGENCY?
click here

PREVENTING PRESCRIPTION DRUG OVERDOSE IN HAWAI`I

What is the Hawai`i Prescription Monitoring Program?
The [Hawai`i Prescription Monitoring Program](#) (PMP) is an online system that allows medical providers — both prescribers and pharmacists — to monitor patients' prescriptions for Schedule II-IV controlled substances, to help prevent prescription drug misuse, and improve quality of care.

While PMPs alone are not enough to reduce overdose rates or deaths, they are among the most promising clinical tools available to address prescription drug abuse ([DHHS 2013](#)). They have been shown to improve clinical decision-making, reduce doctor shopping and diversion of controlled substances, and help curb the prescription drug abuse epidemic ([PDMP COE 2014](#)).

Who Can Use the PMP?
Licensed prescribers and pharmacists can [Register Here](#) to gain access to this free online system.

Why Should Prescribers Use the PMP?

- Improve patients' quality of care, particularly when patients are being treated by more than one provider

***Strategy 5 –
Enhance county access and application of data***

- **Analyze data by state and four counties
December 2017**
- **Develop and disseminate state and
county level profiles September 2018**

Injury Prevention: A Safe Hawaii from the Mountains to the Sea



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