



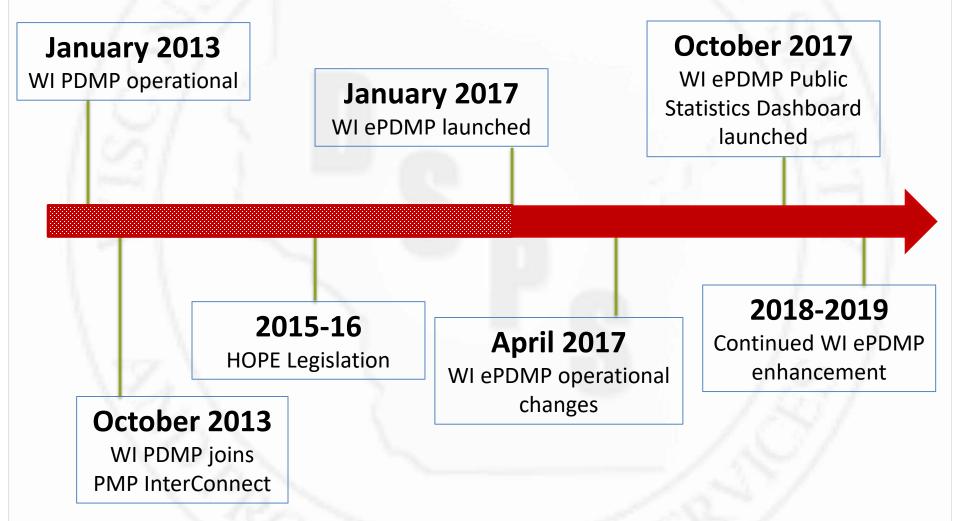


WISCONSIN ePDMP

The Wisconsin Prescription Drug **Monitoring Program**



WI PDMP Timeline





WI ePDMP Components

- Clinical DecisionSupport Tool
- Patient Prescription Histories
- Prescribing, Treatment, Dispensing Decision Support

Interdisciplinary Communication Tool

- Law Enforcement Alerts
- Law Enforcement Investigations
- Prescribing PracticeAssessment Tool
- Prescriber Metrics Report
- Medical Coordinator Access

- Public Health Tool
- Interactive Statistics Dashboard
- Dispensing Data Trends (State- and County- Level)



Legislation

Initial Legislation 2010

- Implemented 2013
- Required creation of a PDMP
- Collect dispensing data for monitored prescription drugs dispensed in WI
 - Controlled substances in Schedule II through V
 - Ability to add drugs with substantial potential for abuse
- Pharmacies required to submit within 7 days of dispensing

HOPE Legislation 2015

- Implemented 2016/2017
- Dispensers required to submit to the PDMP by the end of the next business day
- Expanded access for healthcare
- Creation of Medical Coordinator role
- Law enforcement/prosecutorial units
 - Duty to Report
 - Access without a court order
- Prescribers required to review PDMP prior to prescribing a monitored prescription drug



Expanded Access

- Professions that Treat Substance Abuse
- RegisteredNurses
- Medical Coordinator

- Professions that treat substance abuse as part of scope of practice
- DSPS License types
- Clinical Substance Abuse Counselor
- Substance Abuse Counselor
- DSPS License with specialty designation
- Social Worker: Advanced Practice, Independent, Licensed Clinical
- Licensed Marriage and Family Therapist
- Licensed Professional Counselor



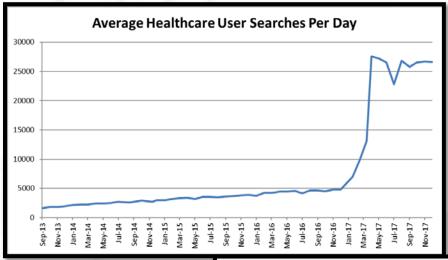
Exceptions to Review

Review PDMP
before the
practitioner
issues a
prescription
order for the
patient unless:

- The patient is receiving hospice care.
- Order is intended to last 3 days or less and is not subject to refill.
- Drug is lawfully administered to the patient.
- Due to emergency, it is not possible to review the PDMP.
- PDMP is not operational or other technological failure.



PDMP Utilization by Healthcare Users



Daily Patient Queries

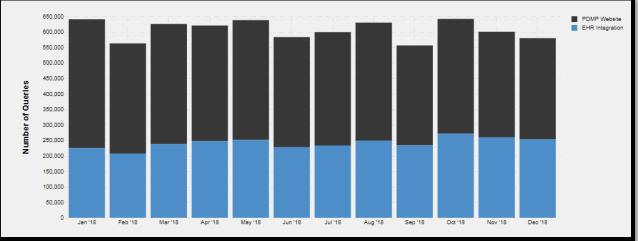
December 2016: 4,800 queries August 20, 2018: 32,800 queries

Monthly Patient Queries

January 2017: 101,000 queries October 2018: 641,400 queries

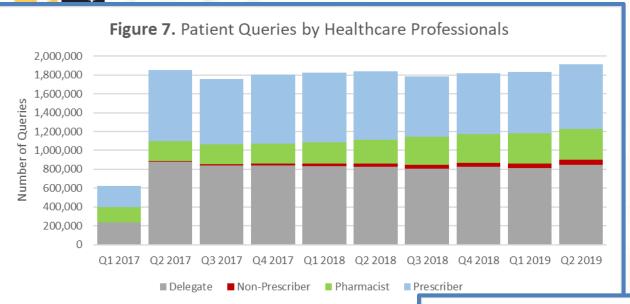
EHR Single Sign On

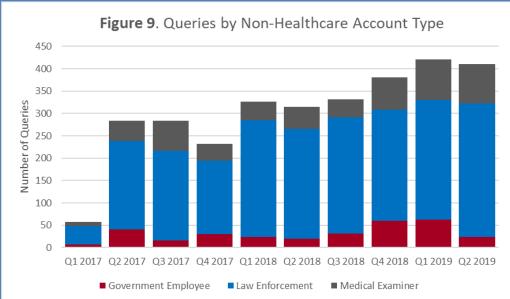
- 16 health systems
- Over 40%monthly queriesfrom SSO





User Queries







PDMP Dispensing Data



Dispensing Data Overview

- If licensed in WI, must submit daily to PDMP or request waiver
- 5 days to correct records that failed to load due to errors
- Approximately 2,000 pharmacies submitting
- Average of 700,000 records per month



Dispensing Data Inclusions/Exclusions

Includes:

- Controlled substances in Schedules II-V
- Dispensing Practitioners
- Veterinary dispensings filled by a pharmacy
- Mail order pharmacy dispensings
- Veterans Affairs pharmacies in WI

Excludes

- Monitored drugs administered directly to a patient
- Monitored drugs dispensed at veterinary clinic
- Dispensing by federally funded opioid treatment programs
- Department of Defense pharmacies
- Diagnosis code



Dispensing Data

Prescriber	Dispenser	Drug	Patient	
Name	Name	NDC Number	Last Name	
DEA Number	DEA Number	Name, Strength, Form	First Name	
Location	Location	Quantity Dispensed	Address	
Ke	ey:	Estimated Days Supply	Date of Birth	
Bold : Submitted by	•	Rx Number	Gender	
Green: Obtained usi	ng submitted data	Refills Authorized	Payment Method	
		Date Prescribed	Name of Person	
		Date Dispensed	Picking up Rx	



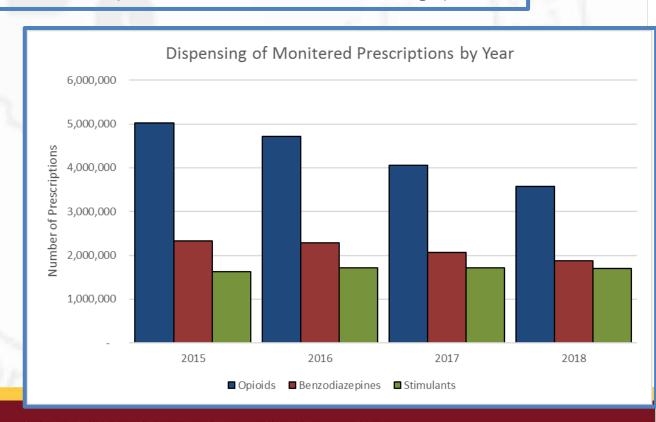
Dispensing Trends

2015-2018 Trend by Drug Class

Opioids: 29% decrease (1.5 million fewer prescriptions)

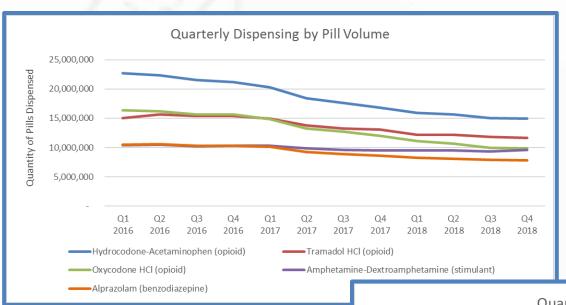
Benzodiazepines: 19% decrease (445,000 fewer prescriptions)

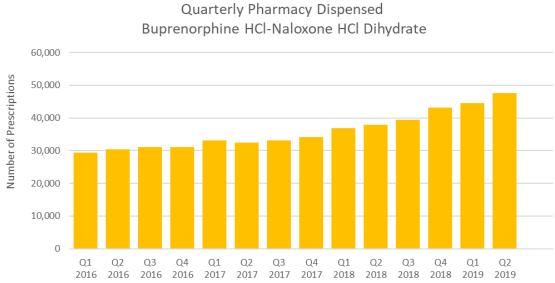
Stimulants: 6% increase (in 2016, then minimal change)





Dispensing Trends



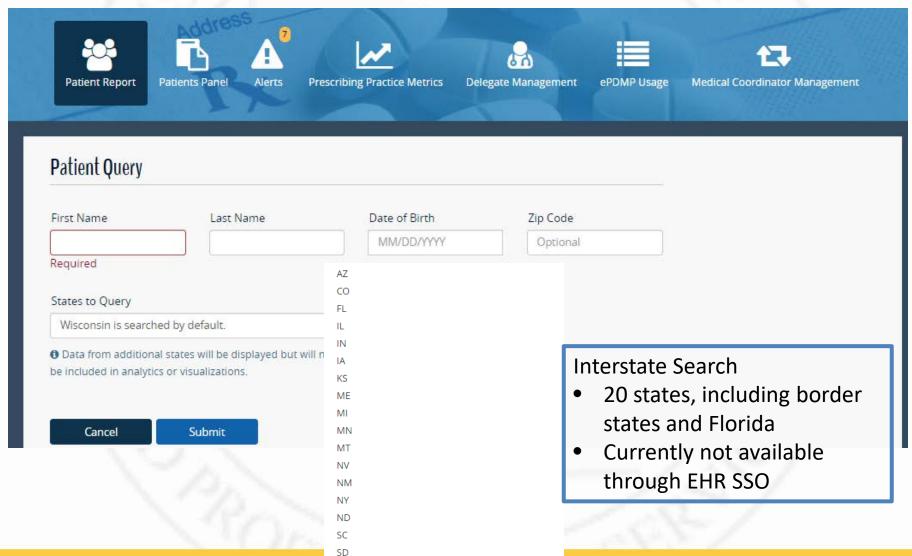




Healthcare Decision Support

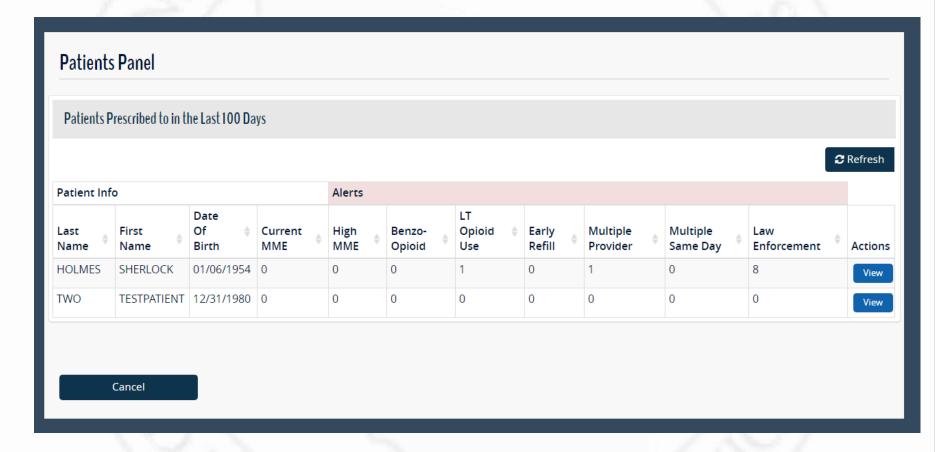


Patient Search





Patients Panel



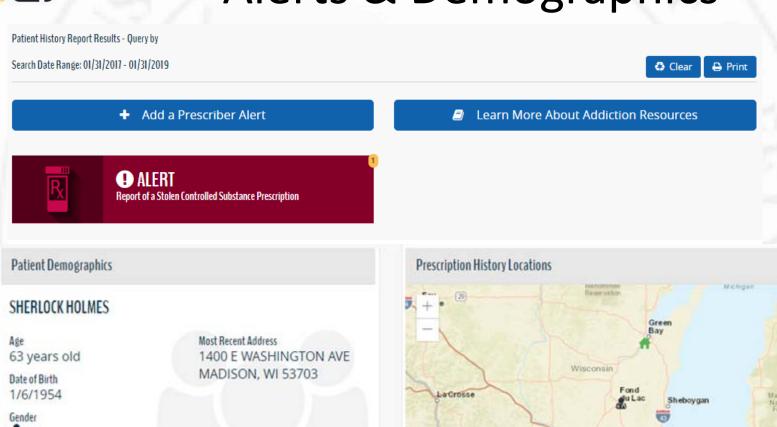


Patient Report Alerts & Demographics

Tadison

Milwaukee

Racine Kenosha





Addiction Resources



Learn More About Addiction Resources

Wisconsin Addiction Resources

Prescribers

The University of Wisconsin Addiction Consultation Hotline provides real-time support and expertise for healthcare professionals from specialists in addiction medicine, addiction psychiatry, psychology and AODA counseling. The hotline is available weekdays from 8 a.m. to 5 p.m. Providers should call the UW Health Access Center at 608-263-3260 for assistance. Those outside of Madison should call toll-free: 800-472-0111.

Project ECHO® (Extension for Community Healthcare Outcomes) is a statewide educational teleECHO initiative that connects clinical experts with primary care providers and medication assisted treatment prescribers across Wisconsin in an effort to reduce opioid-related complications. Via a regularly scheduled videoconference, a multidisciplinary panel of specialists provide education and lead a collaborative discussion on submitted patient cases. Visit Wisconsin's Opioid Project ECHO for more information or to register for an upcoming session.

Patients and Family

The Wisconsin Addiction Recovery Helpline is available to connect people with resources to overcome dependence on opioids or other substances. This free and confidential service supported by the Wisconsin Department of Health Services (DHS) is managed by 211 Wisconsin. Individuals can call 211 to be connected with local treatment and recovery resources.

Close

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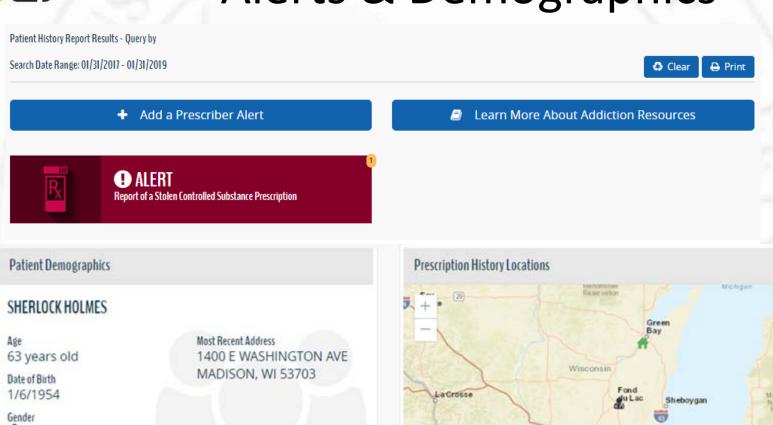


Patient Report Alerts & Demographics

Tadison

Milwaukee

Racine Kenosha





WI ePDMP Alerts



Data Driven



Law Enforcement Entered



Prescriber Led



Data Driven Alerts

WI ePDMP uses sophisticated data analytics to assess a patient's controlled substance prescription history

- 1. Multiple Prescribers or Pharmacies

 5 or more in the last 90 days
- 2. High Current Daily Dose of Opioids

 Exceeds 90 morphine milligram equivalent (MME)
- 3. Concurrent Benzodiazepine and Opioid *Active prescriptions for both drugs*
- 4. Long-Term Opioid Therapy with Multiple Prescribers

1 opioid or more from 2 or more prescribers for more than 90 days

- 5. Multiple Same Day Prescriptions

 Same controlled substance drug from multiple prescribers or pharmacies on the same day
- 6. Early Refill

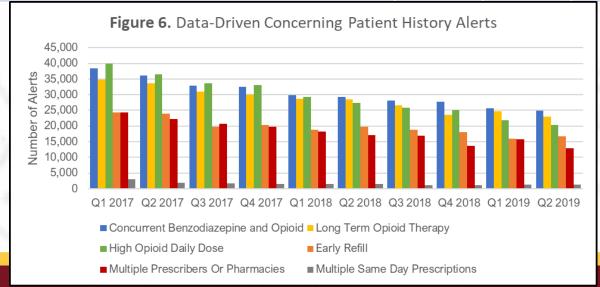
 Filled 2 or more days earlier than expected



Alert Trends

Concerning Patient History Alerts Listed by Volume of Alerts Generated in Q4 2018

				Percent
	Alert Type	Q1 2017	Q4 2018	Change
1	Concurrent Benzodiazepine and Opioid	38,446	27,742	-28%
2	High Opioid Daily Dose	40,005	25,094	-37%
3	Long Term Opioid Therapy	34,819	23,588	-32%
4	Early Refill	24,354	17,988	-26%
5	Multiple Prescribers or Pharmacies	24,379	13,645	-44%
6	Multiple Same Day Prescriptions	3,009	1,038	-66%





Law Enforcement Alerts

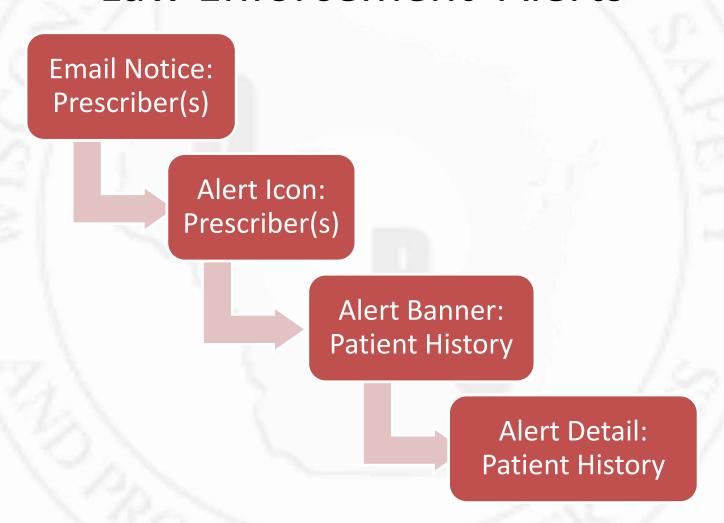


Duty to Report

- Suspected Violation of Controlled Substances Act
- Suspected Narcotic Related Death
- Suspected Opioid Related Overdose (Non-Fatal)
- Report of Stolen Controlled Substance Prescription

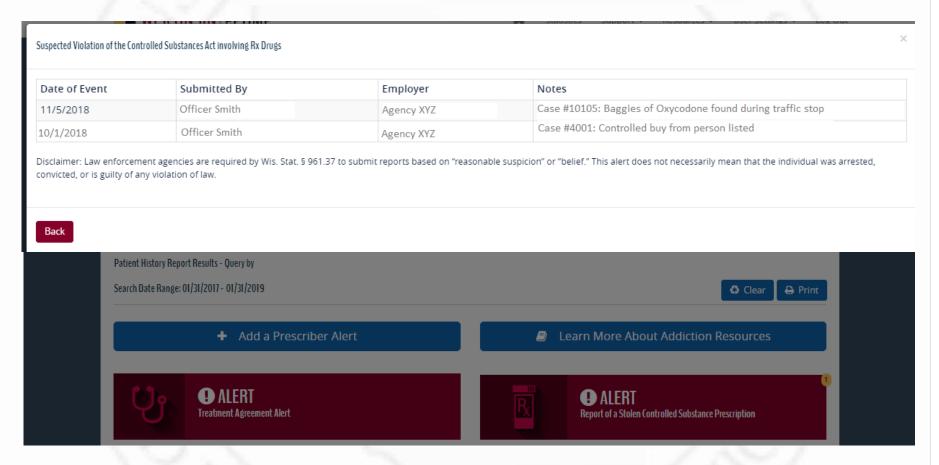


Communication of Law Enforcement Alerts





Healthcare User View Law Enforcement Alerts





Prescriber Led Alerts



Prescriber-Led Alerts

- Treatment Agreement
- Violation of Treatment Agreement
- Overdose Event

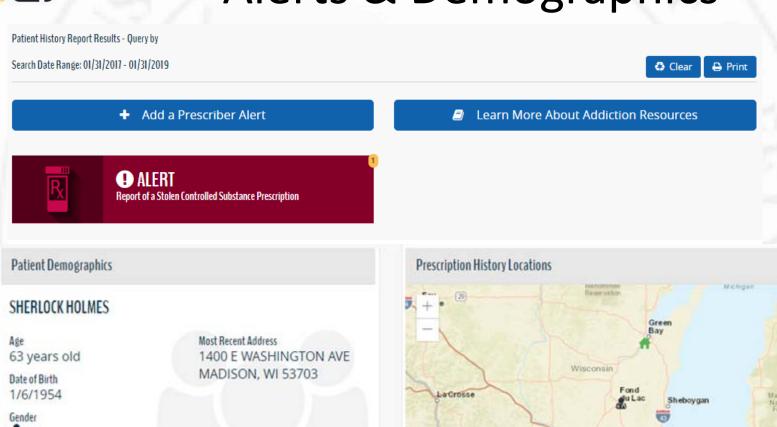


Patient Report Alerts & Demographics

Tadison

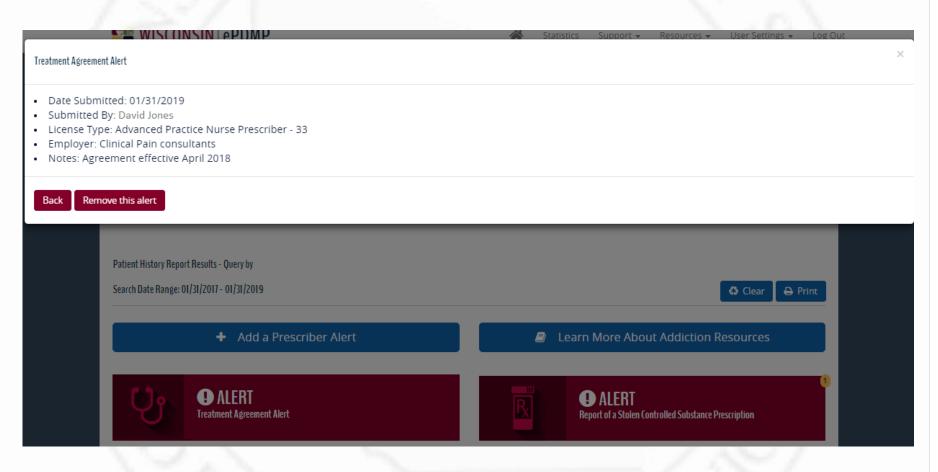
Milwaukee

Racine Kenosha





Prescriber Led Alerts





Patient Report Morphine Milligram Equivalent

Total Opioid Daily Dose and Opioid-Benzodiazepine Concurrence for the Past 100 Days

According to the CDC, calculating the total daily dose of opioids helps identify patients who may benefit from measures to reduce risk of overdose. Concurrent use of benzodiazepines and opioids can place an individual at an increased risk for severe respiratory distress that can lead to overdose death. On the chart below, the line indicates the patient's cumulative daily dose of opioids and the red shading indicates when the patient had concurrent opioid and benzodiazepine prescriptions.



The total daily dose of opioids is calculated using the morphine milligram equivalent (MME) conversion values from the national Prescription Drug Monitoring Program Training and Technical Assistance Center at Brandeis University. The federal centers for disease control and prevention provides more information about the importance of MME calculations in calculating total daily dose.



Patient Report Dispensing Detail

Dispensing History Details				
In State IL MN				
	Search	⊘ Refresh	Ⅲ Columns •	■ Export -

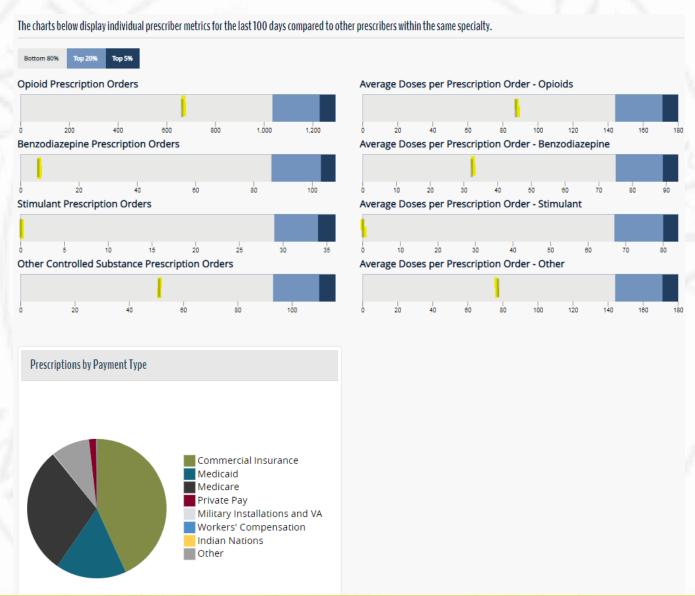
Drug Details	Drug Class	Drug Qty	Rx Dates	Prescriber	Dispenser	Patient	Patient Details
Clonazepam 0.5MG / Tablet Rx# 111	Benzodiazepine	Qty: 30 Days: 30 Refills: 0	Prescribed: 5/1/2018 Dispensed: 5/1/2018	SMITH, JOE 10 1 ST AVE ANYTOWN WI 54321	XYZ PHARMACY 123 MAIN ST, ANYTOWN WI 54321	HOLMES, SHERLOCK DOB: 1/6/1954	1400 E WASHINGTON AVE MADISON WI, 53703 Pay Type: Commercial Insurance
Hydrocodone- Acetaminophen 10MG / Tablet Rx# TEST123	Opioid	Qty: 10 Days: 10 Refills: 0	Prescribed: 11/14/2015 Dispensed: 11/14/2015	JONES, JOHN 543 MAIN AVE ANYTOWN WI 54321	XYZ PHARMACY 123 MAIN ST, ANYTOWN WI 54321	HOLMES, SHERLOCK DOB: 1/6/1954	1400 E WASHINGTON AVE MADISON WI, 53703 Pay Type: Commercial Insurance
Clonazepam 0.5MG / Tablet Rx# 222	Benzodiazepine	Qty: 30 Days: 30 Refills: 0	Prescribed: 4/1/2018 Dispensed: 4/1/2018	SMITH, JOE 1 1 ST AVE ANYTOWN WI 54321	XYZ PHARMACY 123 MAIN ST, ANYTOWN WI 54321,	HOLMES, SHERLOCK DOB: 1/6/1954	1400 E WASHINGTON AVE MADISON WI, 53703 Pay Type: Commercia Insurance
Clonazepam 0.5MG / Tablet Rx# 222	Benzodiazepine	Qty: 30 Days: 30 Refills: 0	Prescribed: 4/1/2018 Dispensed: 4/1/2018	SMITH, JOE 1 1 ST AVE ANYTOWN WI 54321	XYZ PHARMACY 123 MAIN ST, ANYTOWN WI 54321,	HOLMES, SHERLOCK DOB: 1/6/1954	1400 E WASHINGTON AVE MADISON WI, 53703 Pay Type: Commercia Insurance
Amphetamine- Dextroamphetamine 30MG / Capsule Extended Release 24 Hour Rx# 3023848	Stimulant	Qty: 30 Days: 30 Refills: 0	Prescribed: 12/1/2017 Dispensed: 12/3/2017	SMITH, JOE 1 1 ST AVE ANYTOWN WI 54321	XYZ PHARMACY 123 MAIN ST, ANYTOWN WI 54321,	HOLMES, SHERLOCK DOB: 1/6/1954	1400 E WASHINGTON AVE MADISON WI, 53703 Pay Type: Commercia Insurance



Prescribing Practice Assessment



Dispensing Metrics

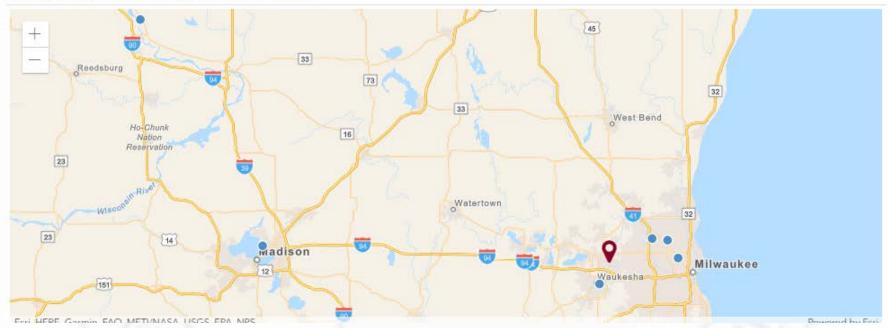




Average Distance Travelled

Average Distance Travelled By Patient

Average distance travelled by Patients: 30.72 miles





Alert and Usage Summary

Concerning Patient History Alerts

Generated during the past 100 days

- Patients with Concurrent Benzodiazepine and Opioid Prescriptions
- 5 Patients with Multiple Prescribers or Pharmacies
- 4 Patients with Early Refill
- Patients with High Current Daily Dose of Opioids
- Patients with Long-Term Opioid Therapy with Multiple Prescribers
- Patients with Multiple Same-Day Prescription or Dispensing Events

Law Enforcement Alerts

Reported during the past 100 days

- Patients with Suspected Non-Fatal Opioid-Related Drug Overdose
- Patients with Suspected Fatal Narcotic Overdose
- O Patients with Report of a Stolen Controlled Substance Prescription
- Patients with Suspected Violation of the Controlled Substances Act involving Rx Drugs

	mary of ePDMP Usage on usage since 9/17/2017
60	Queries by User
90	Queries completed by Delegates
191	Prescription Orders Written (excluding orders for 3-day supply or less)

Estimated ePDMP Usage

Compliance Rate



USE NON-OPIOID TREATMENT

Opioids are not first-line or routine therapy for chronic pain

In a systematic review, opioids did not differ from non-opioid medication in pain reduction, and nonopioid medications were better tolerated, with greater improvements in physical function.



REVIEW PDMP

Check PDMP for high dosages and prescriptions from other providers

A study showed patients with one or more risk factors (4 or more prescribers, 4 or more pharmacies, or dosage >100 MME/day) accounted for 55% of all overdose deaths.



85%

OFFER TREATMENT FOR OPIOID USE

Offer or arrange evidence-based treatment for patients with opioid user disorder

(e.g. Medication-assisted treatment and behavioral therapies)



START LOW AND GO SLOW

When opioids are started, prescribe them at the lowest effective dose

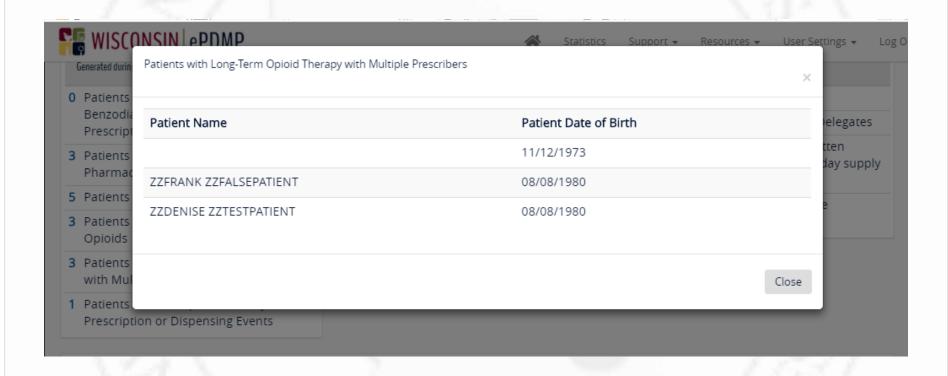


AVOID CONCURRENT PRESCRIBING

Avoid prescribing opioids and benzodiazepines concurrently whenever possible



Drill Down On Alert Count





Dispensing Detail for Prescriber



Drug Details	Drug Class	Drug Qty	Rx Dates	Prescriber	Dispenser	Patient	Patient Details 600 5 TH ST
Hydrocodone- Acetaminophen 5-325MG / Tablet Rx# 98765	Opioid	Qty: 60 Days: 30 Refills: 0	Prescribed: 12/15/2018 Dispensed: 12/15/2018	SMITH, JOHN 123 MAIN ANYTOWN, WI	XYZ PHARMACY 456 2 nd ST ANYTOWN, WI	PATIENT1, TEST1 DOB: 08/08/1962	ANYTOWN, WI Pay Type: Commercial Insurance
Hydrocodone- Acetaminophen 5-325MG / Tablet Rx# 54321	Opioid	Qty: 60 Days: 30 Refills: 0	Prescribed: 11/10/2018 Dispensed: 11/12/2018	SMITH, JOHN 123 MAIN ANYTOWN, WI	ABC PHARMACY 123 LAKE ST MILWAUKEE, WI	PATIENT5, TEST5 DOB: 07/17/1973	1200 Main ST Milwaukee, WI Pay Type: Medicaid
Lorazepam 0.5MG/Tablet Rx# 123456	Benzodiazepine	Qty: 30 Days: 30 Refills: 0	Prescribed: 11/10/2018 Dispensed: 11/12/2018	SMITH, JOHN 123 MAIN ANYTOWN, WI	123 PHARMACY 1000 12 TH AVE BROOKFIELD, WI	PATIENT9, TEST9 DOB: 12/15/1982	206 8 TH AVE BROOKFIELD, WI Pay Type: Commercial Insurance



Medical Coordinator Access

Non-patient-identifiable information to a person who:

- Medically coordinates, directs, or supervises a practitioner
- Establishes standard operating procedures for a practitioner
- Evaluates the job performance of a practitioner
- Performs quality assessment and improvement activities, including outcomes evaluation or developing clinical guidelines



Medical Coordinator



Prescribing Practice Metrics Summary

Metrics last updated: 09/17/2018

Prescribing metrics data is based on the last 100 days of dispensing information in the WI ePDMP. See the Additional Detail on Prescriber Metrics Data at the bottom of the page for definitions of the data provided.

Prescriber List

	Prescriber Detail					Metrics				# of Patients with Alerts		
Status	DEA#	Prescriber Name	Employer	Specialty	Opioid Orders	Peer % Orders	Avg. Opioid Doses	Peer % Doses	Opioid- Benzo Overlap	High Daily MME	Long- Term Opioid	PDMP Usage
Approved	MB0000001	Name, Sample1	Health Clinic 1	Family Practice	100	60	30	40	5	0	0	80
Approved	MC0000002	Name, Sample2	Health Clinic 1	Pain Management	351	55	50	70	0	10	5	85
Pending	MF0000003	Name, Sample3	Health Clinic 2	Family Practice	0	0	0	0	0	0	0	0
Denied	MS0000004	Name, Sample4	Health Clinic 1	Family Practice	0	0	0	0	0	0	0	0
Not Registered	MF0000003	100000000000000000000000000000000000000			0	0	0	0	0	0	0	0



Board Referrals

Spring 2018: CSB Workgroup

Summer/Fall 2018: Reports presented to Prescribing Boards

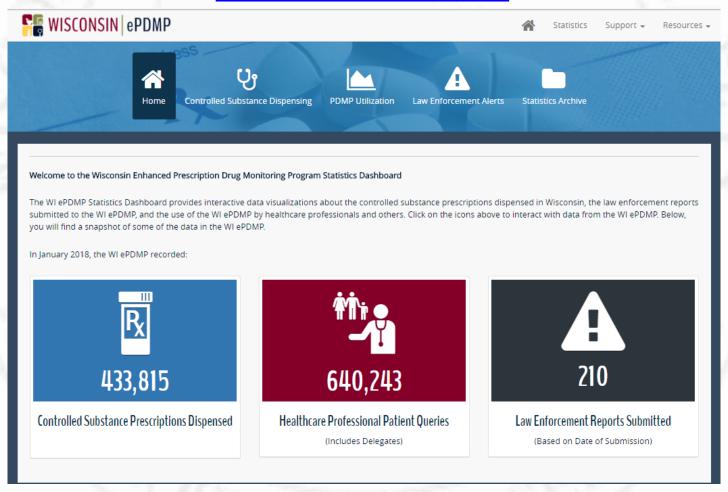
 Total of 34 prescribers referred to DSPS Division of Legal Services and Compliance for investigation based on PDMP data

Board	Referrals to DLSC
Medical Examining Board	14 top opioid prescribers (MD, DO, PA)
Dentistry Examining Board	4 top opioid prescribers (DDS)
	12 based on prescriptions of more than 3 days and no PDMP usage
Board of Nursing	4 top opioid prescribers (APNP)



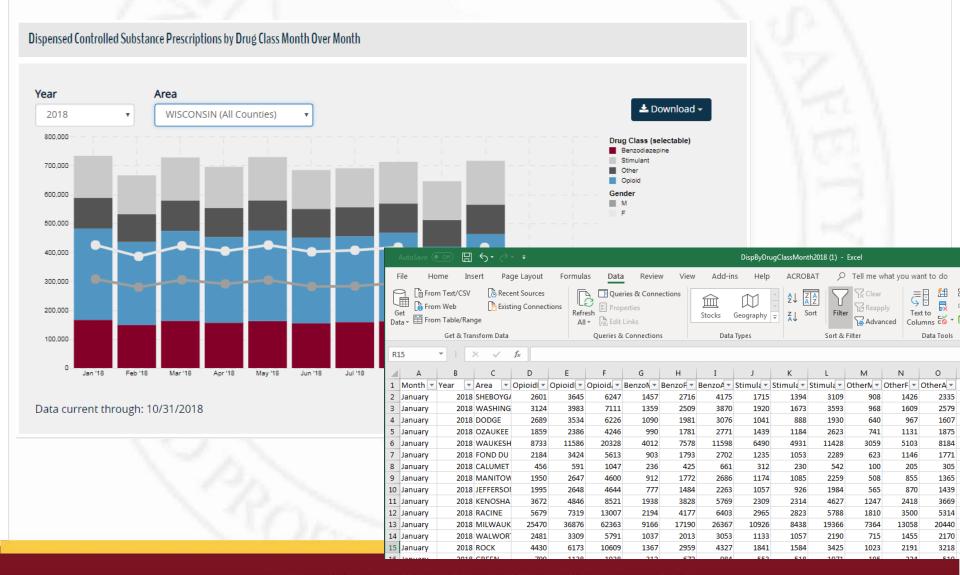
WI ePDMP Statistics Dashboard

https://pdmp.wi.gov/statistics





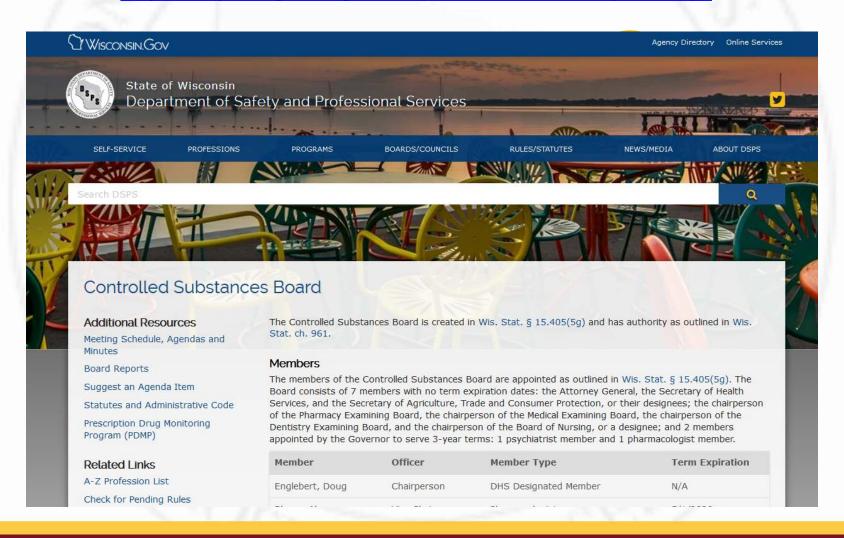
WI ePDMP Statistics Dashboard





CSB Quarterly Report

https://dsps.wi.gov/Pages/BoardsCouncils/CSB/Reports.aspx





For More Information

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Website: https://pdmp.wi.gov/