Montana Prescription Drug Registry (MPDR) Updates 2024

• Updated NarxCare Information
• Continued Funding for MPDR Integration
• MPDR Statistics Report Review
• De-identified Data Sharing
MPDR

• **What?**
  
  • A registry of controlled substance prescriptions dispensed to patients as reported by Montana licensed pharmacies.

• **Who?**
  
  • All Montana licensed prescribers and dispensers can access the MPDR.
  
  • All Montana licensed pharmacies/dispensers are required to submit prescription information.
  
  • The Montana Board of Pharmacy maintains and administers the MPDR.

• **Why?**
  
  • To improve patient safety
  
  • To identify possible misuse or diversion of controlled substances
Montana shares data with 29 states and the Military Health System.
MPDR Software Vendor Bamboo Health

• PMP Clearinghouse - Software for prescription dispensation data reported by pharmacies
  • Data Integrity
  • Data Submission Compliance

• PMP AWARxE - Software application for searching patient prescription history
  • Patient Profile Matching
  • MyRx Search
  • Prescriber Reports

• NarxCare - Clinical tools available on patient history reports
  • Narx Scores
  • Overdose Risk Score
  • Patient Clinical Alerts

• PMP Gateway - Integration platform

• Tableau - Analytics and Statistics
## Sample Patient Medication History

### PRESCRIPTIONS

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Updated NarxCare Scores

**UNINTENTIONAL OVERDOSE RISK SCORE MODEL**

**ABOVE AVERAGE**

710

**KEY CONTRIBUTING FACTORS TO OVERDOSE RISK SCORE MODEL**

- Greater than six dispensations: Yes
- Benzo - Narcotics overlap: 60 Days
- Number of high risk scripts: 0
- Number of pharmacies where narcotics/sedatives filled: 3
- Total days supply of short-acting drugs: 240
- Combination of Narcotic, and Sedative RX: 9

**NARX SCORES**

- Narcotics: 642
  - Active RX: 2
- Sedatives: 481
  - Active RX: 1
- Stimulants: 000
  - Active RX: 0
NarxCare – RX Graph

- **Suprenorphine (mg) Prescribed Over Time**
  - Last 30 Days: 26.42 mg Per Day Avg.
  - Last 60 Days: 20.10 mg Per RX

- **Lorazepam M Eq (LME) Prescribed Over Time**
  - Last 30 Days: 0.59 LME Per Day Avg.
  - Last 60 Days: 0.51 LME mg Per Rx

- **Morphine Milligram Equivalent Prescribed Over Time**
  - Last 30 Days: 11.07 MME per Day Avg.
  - Last 60 Days: 27.38 MME per RX

**RX Summary**
- **Opioids** (excluding Suprenorphine)
  - Total Prescriptions: 95
  - Total Private Pay: 5
  - 30 Day Avg MME/May: 11.07
  - 30 Day Avg Avg/Day: 24.42
- **Suprenorphine**
  - Current Qty: 6
  - Current MME/May: 15.00
  - Current Avg/Day: 24.42
Clinical Patient Alerts

• Prescriber & Dispenser Thresholds
  • Four or more prescribers and four or more pharmacies in 60 days.

• Daily Morphine Milligram Equivalent (MME) Threshold
  • ≥90 MME/Day
  • Excludes treatment drugs

• Concurrent Opioid and Benzodiazepine Prescriptions
MPDR Integration into Health Information Systems (HIS)

- One click access to patient medication history through HIS
- HIS is an electronic health record, pharmacy dispensing system or health information exchange
- Currently, over 80 Montana medical facilities and 110 pharmacies are connected
MPDR Integration Benefits

- Streamlined access to MPDR reports in clinical workflow
  - Saves providers and pharmacists time and enhances compliance

- Clinical decision support
  - HIS can combine information for proactive alerting

- Funding – DPHHS collaboration to use CDC funded Overdose Data to Action (OD2A) grant
  - Covers PMP Gateway licensing fees through August 2028
Montana Prescribing Regulations

- **Restriction On Prescriptions For Opioid-Naive Patients** *(MCA 37-2-108)* When a medical practitioner or a naturopathic physician prescribes an opioid to an opioid-naive patient on an outpatient basis, the prescription may not be for more than a 7-day supply except in certain circumstances.

- **Prescriber Mandatory Use of the Prescription Drug Registry** *(MCA 37-7-1515)* A prescriber, or an agent of the prescriber, is required to search a patient’s MPDR record before issuing a prescription for an opioid or a benzodiazepines to the patient, except in certain circumstances.

- **Mandatory Registration and Fee Payment** All Montana licensees authorized to prescribe or dispense prescription drugs are required to register with the MPDR, Montana Code Annotated (MCA) *MCA 37-7-1503*, and pay the annual $30 MPDR fee at the time of license renewal, *MCA 37-7-1511*. 
Updated statistics report available at

MPDR De-identified Data Sharing

- Yearly de-identified data sharing with DPHHS
  - Report on 2022 and 2023 information coming

- SB 284 – De-identified MPDR data provided to the suicide prevention officer for review.

- Drug Enforcement Administration (DEA) Aggregate Production Quotas (APQ)
Resources

Homepage: [www.mpdr.mt.gov](http://www.mpdr.mt.gov)
- MPDR User and Data Submitter Guides
- MPDR Integration Information
- MPDR Quarterly Statistics
- Montana Statutes and Rules

MPDR Integration: [MPDR Integration Guide](https://boards.bsd.dli.mt.gov/_docs/pha/Montana-MPDR-Gateway-Integration-Guide.pdf)

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