



Michigan

PDMP acronym: **MAPS** Region **North**
 Agency Responsible: **Bureau of Professional Licensing**
 Agency Type: **Professional Licensing Agency**

PDMP Web Resources/Links

PDMP Website: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps>
 PDMP Email: BPL-MAPS@michigan.gov
 PDMP Register Website: <https://michigan.pmpaware.net>
 User Account Manual: <https://www.michigan.gov/lara/-/media/Project/Websites/lara/bpl/MAPS/MAPS-Requestor-User-Support-Manual.pdf?rev=833e5cc3e88f42a29283d257d54730a3&hash=F1BE1C23FF5D8B89E88A12197BB8FF68>
 PDMP Query Website: <https://michigan.pmpaware.net>
 PDMP Data Upload Website: <https://pmpclearinghouse.net>
 Data Upload Manual: <https://www.michigan.gov/lara/-/media/Project/Websites/lara/bpl/MAPS/Michigan-Data-Submission-Dispenser-Guide.pdf?rev=99cbbca54a464ff98ad67ad92a1b464b&hash=E9BBBA51A53B55C281CB1CFD704C636A>
 Statute/Regulation Website: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps/laws-regulations>
 Opioid Guidelines Website: **Public Act 246 through 255 of 2017; Public Act 101 of 2018**
 PDMP FAQs: <https://www.michigan.gov/lara/-/media/Project/Websites/lara/bpl/MAPS/Michigan-Opioid-Laws---Frequently-Asked-Questions.pdf?rev=3f94e736057b4bba87aa5a05f6abdbe9&hash=6DD3E332066E691B421812AEE146C89F>
 Integration Guidance: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps/integration>
 PDMP Statistics Website: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps/reports>
 Opioid Dashboard Website: <http://acru.med.umich.edu/SOS/sos.html>
 Training Website: <https://www.michigan.gov/lara/bureau-list/bpl/health/maps/MAPS%20users>

PDMP Contact Information

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State Population and Number of Registrants

State population: 10,041,241 DEA Prescriber total: 56,104 DEA Dispenser total: 2,480

Data Transmitter(s)

Dispensing Practitioner	Dispensing Veterinarians
Pharmacy (In-State)	Pharmacy (Mail Order In-State)
Pharmacy (Mail Order Out of State)	Pharmacy (Other Out of State)

Substances Monitored

Drugs of Concern	Schedules II - V
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Alternate Data Sources

Naloxone/Narcan Administrations	Naloxone/Narcan Administrations
Naloxone/Narcan Dispensations	Naloxone/Narcan Dispensations
Overdoses - Fatal	Overdoses - Fatal
Overdoses - Non-fatal	Overdoses - Non-fatal
Pharmaceutical Manufacturers/Distributors	Pharmaceutical Manufacturers/Distributors
Substance Use Disorder Treatment Options	Substance Use Disorder Treatment Options

Available Reports

Annual PDMP Reports	Customized Reports by User Type
Dispenser Reports to Law Enforcement	Drug Trend Reports
Licensee Reports to Licensing Board	MME Calculations
Multiple Provider Episode Reports	Patient Query Lists to Law Enforcement
Patient Query Lists to Licensing Boards	Patient Reports to Dispensers
Patient Reports to Law Enforcement	Patient Reports to Licensing Boards
Patient Reports to Prescribers	PDMP Evaluation Reports
Prescriber Report Cards	Prescriber Reports to Law Enforcement
Prescription Drug Combinations	Registrant Query Lists to Licensing Boards
Registrant Reports to Prescribers	Risk Scores
Statewide Statistics	

Statistical Capabilities

- # of Prescription Filled
 - # of Prescriptions Filled by CS Schedule
 - # of Prescriptions Filled by Drug Class
 - Statistics Filtered by Age or Age Range
 - Statistics Filtered by Ethnicity or Race

 - # of Authorized PDMP Users Enrolled
 - # of Registrants in SDTC
 - # of Registrants in SDTC by Practice/License Typ

 - # of Data Errors by Error Type
 - # of Data Errors Corrected
 - # of At-Risk Patients by Risk Factor
 - Risk Factor Statistics by Time Frame

 - # of Solicited Prescriber Reports
 - # of Solicited Prescriber Reports by Requestor Type
 - # of Unsolicited Prescriber Reports
 - # of Unsolicited Prescriber Reports by Recipient Type
 - # of Solicited Dispenser Reports
 - # of Solicited Dispenser Reports by Requestor Type
 - # of Unsolicited Dispenser Reports
 - # of Unsolicited Dispenser Reports by Recipient Type
 - # of Solicited Patient Reports
 - # of Solicited Patient Reports by Requestor Type
 - # of Unsolicited Patient Reports
 - # of Unsolicited Patient Reports by Recipient Type
- # of Dosage Units Dispensed
 - # of Dosage Units Dispensed by CS Schedule
 - # of Dosage Units Dispensed by Drug Class
 - Statistics Filtered by Gender Identification
 - Statistics Filtered by Geographic Location

 - # of Prescribers Enrolled in PDMP by License Type
 - # of Dispensers Enrolled in PDMP by License Type
 - # of Prescribers Enrolled in PDMP by Specialty
 - # of Unique Prescribers
 - # of In-State Queries
 - # of In-State Queries by Requestor Type
 - # of Interstate Queries
 - # of Interstate Queries by Requestor Type
 - # of Positive Matches from Interstate Queries

 - # of Solicited Statistical Reports by Requestor Typ
 - # of Unsolicited Statistical Reports by Recipient Type
 - # of Unique Requestors for Solicited Reports
 - # of Unique Requestors by Requestor Type (sol. rep
 - # of Unique Requestors for Unsolicited Rep
 - # of Unique Recipients by Recipient Type (unsol. rep
- % Out-of-State Patien
- % Out-of-State Prescribe
- Data Analysis Resources Available:
[Data Analyst](#)
-

Authorized PDMP Users

Correctional Supervision/Solicited In-State
Dispenser Delegates - Licensed/Solicited In-State
Dispenser Delegates - Licensed/Solicited Out-of-State
Dispenser Delegates - Unlicensed/Solicited In-State
Dispensers - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Drug Courts/Solicited In-State
Law Enforcement - Federal/Solicited In-State
Law Enforcement - Federal/Solicited Out-of-State
Law Enforcement - Local/Solicited In-State
Law Enforcement - Local/Solicited Out-of-State
Law Enforcement - State/Solicited In-State
Law Enforcement - State/Solicited Out-of-State
Medicaid Drug Utilization and Review/Solicited In-State
Medicaid Fraud and Abuse/Solicited In-State
Medical Examiners and Coroners/Solicited In-State
Medical Residents/Solicited In-State
Medical Residents/Solicited Out-of-State
Medicare/Solicited In-State
Nurse Practitioners/Solicited In-State
Nurse Practitioners/Solicited Out-of-State
Nurse Practitioners/Unsolicited In-State
Physician Assistants/Solicited In-State
Physician Assistants/Solicited Out-of-State
Physician Assistants/Unsolicited In-State
Prescriber Delegates - Licensed/Solicited In-State
Prescriber Delegates - Licensed/Solicited Out-of-State
Prescriber Delegates - Unlicensed/Solicited In-State
Prescriber Delegates - Unlicensed/Solicited Out-of-State
Prescribers/Solicited In-State
Prescribers/Solicited Out-of-State
Prescribers/Unsolicited In-State
Prosecutors/Solicited In-State
Prosecutors/Solicited Out-of-State
Regulatory and Licensing Boards/Solicited In-State
Regulatory and Licensing Boards/Solicited Out-of-State
Telemedicine Prescribers/Solicited in-State
Third Party Insurance Payers/Solicited In-State
Workers Compensation State Insurance/Solicited In-State
Workers Compensation State/Solicited In-State

Engaged PDMP Users

Correctional Supervision/Solicited In-State
Dispenser Delegates - Licensed/Solicited In-State
Dispenser Delegates - Licensed/Solicited Out-of-State
Dispenser Delegates - Unlicensed/Solicited In-State
Dispensers - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Drug Courts/Solicited In-State
Law Enforcement - Federal/Solicited In-State
Law Enforcement - Federal/Solicited Out-of-State
Law Enforcement - Local/Solicited In-State
Law Enforcement - Local/Solicited Out-of-State
Law Enforcement - State/Solicited In-State
Law Enforcement - State/Solicited Out-of-State
Medicaid Drug Utilization and Review/Solicited In-State
Medicaid Fraud and Abuse/Solicited In-State
Medical Examiners and Coroners/Solicited In-State
Medical Residents/Solicited In-State
Medicare/Solicited In-State
Nurse Practitioners/Solicited In-State
Nurse Practitioners/Solicited Out-of-State
Nurse Practitioners/Unsolicited In-State
Physician Assistants/Solicited In-State
Physician Assistants/Solicited Out-of-State
Physician Assistants/Unsolicited In-State
Prescriber Delegates - Licensed/Solicited In-State
Prescriber Delegates - Licensed/Solicited Out-of-State
Prescriber Delegates - Unlicensed/Solicited In-State
Prescriber Delegates - Unlicensed/Solicited Out-of-State
Prescribers/Solicited In-State
Prescribers/Solicited Out-of-State
Prescribers/Unsolicited In-State
Prosecutors/Solicited In-State
Prosecutors/Solicited Out-of-State
Regulatory and Licensing Boards/Solicited In-State
Regulatory and Licensing Boards/Solicited Out-of-State
Telemedicine Prescribers/Solicited in-State
Third Party Insurance Payers/Solicited In-State
Workers Compensation State Insurance/Solicited In-State
Workers Compensation State/Solicited In-State

Budget

Total Annual Budget:

of Employees - Operational: 6
of Employees - Technical: 0
of Employees - Analytical: 6

PDMP Staff:

of Employees - Other: 12
0

Funding Source(s)

CDC Grant
State General Fund

Controlled Substance Registration Fee

Technologies

Data Collection Entity: Vendor
Data Collection Vendor name: Bamboo Health
Data Storage Entity: Vendor
Data Storage Vendor name: Bamboo Health
Report Generation Entity: Vendor
Report Generation Vendor name: Bamboo Health
Data Access Method: Web Portal/On-Line
Data Access Entity: Vendor
Data Access Vendor name: Bamboo Health

State HIE in place
 RxCheck Integration Allowed
 VHA VISTA integration
 HL7 FHIR connectivity
 Delegate access via integration
 SMART on FHIR apps
ASAP Version Utilized: 4.1

Patient Matching

- Referential Matching
 Deterministic Matching
 Manual Matching
 Other Matching
- Exact Matching
 Probabilistic Matching
 Probabilistic and Manual Matching

Access to patient matching algorithms

Patient Matching Metrics Available:

Patient matching data elements: Matches name, DOB, and other criteria determined by Appriss Health.

Integration(s) Available

Integration Type	% Providers	Hub Used	Paid by Fed Gov't	Paid by State Gov't	Paid by Facility	Paid by Provider
EHR Integration	75-100%	PMPi	Fixed Cost	Fixed Cost		
<input checked="" type="checkbox"/> Data Downloaded/Stored			<input type="checkbox"/> Data Manipulated for Analysis			
<input checked="" type="checkbox"/> Data Incorporated with Interstate Data			<input checked="" type="checkbox"/> Multistate Integrations Allowed			

Integration Standards

Alternate data available:

Integration Type	% Providers	Hub Used	Paid by Fed Gov't	Paid by State Gov't	Paid by Facility	Paid by Provider
PDS Integration	75-100%	PMPi	Fixed Cost	Fixed Cost		
<input checked="" type="checkbox"/> Data Downloaded/Stored			<input type="checkbox"/> Data Manipulated for Analysis			
<input checked="" type="checkbox"/> Data Incorporated with Interstate Data			<input checked="" type="checkbox"/> Multistate Integrations Allowed			

Integration Standards

Alternate data available:

Interstate Data Sharing Partner(s)

Alabama	PMPi Hub
Arizona	PMPi Hub
Colorado	PMPi Hub
Connecticut	PMPi Hub
Delaware	PMPi Hub
District of Columbia	PMPi Hub
Florida	PMPi Hub
Hawaii	PMPi Hub
Idaho	PMPi Hub
Illinois	PMPi Hub
Indiana	PMPi Hub
Iowa	PMPi Hub
Kansas	PMPi Hub
Kentucky	PMPi Hub
Louisiana	PMPi Hub
Maine	PMPi Hub
Maine	PMPi Hub
Massachusetts	PMPi Hub
Military Health Service	PMPi Hub
Minnesota	PMPi Hub
Mississippi	PMPi Hub
Montana	PMPi Hub
Nevada	PMPi Hub
New Mexico	PMPi Hub
New York	PMPi Hub
North Carolina	PMPi Hub
North Dakota	PMPi Hub
Ohio	PMPi Hub
Puerto Rico	PMPi Hub
Rhode Island	PMPi Hub
South Carolina	PMPi Hub
South Dakota	PMPi Hub
Tennessee	PMPi Hub
Texas	PMPi Hub
Virginia	PMPi Hub
Washington	PMPi Hub
West Virginia	PMPi Hub
Wisconsin	PMPi Hub

PDMP Policies

Enabling legislation enacted: 1988
PDMP operational: 1989
User access date (any method):
User electronic access date: 2003
Date received electronic data: 2003
Interstate sharing start date:
Law/Statute citation: MI Comp Laws 333.7112 to .7113; 333.7333a; 333.16204c; 333.16315
Regulation/Rule citation: MI Code Regs §§ 338.3162b to .3162e
Dr Shopper law/statute: MI Code Regs §§ 333.7403a
Pill Mill law/statute:
Pain Clinic law/statute:
Unauthorized Use or Disclosure: MI Code Regs §§ 333.7403a
Enacted 42 CFR Part 2: Enacted
42 CFR Part 2 Details: The process for collecting and storing this information is currently under review. MCL 333.7333a(11) states: (11) Before dispensing or prescribing buprenorphine, or a drug containing buprenorphine or methadone, to a patient in a substance use disord

Required Notification to consumers
 Mandated Use of Advisory Group
 Payment method captured
 Ability to id prescriber specialty
 Patient consent required before PDMP data release
 Ability for users to set thresholds for alert notices
 Ability for users to do user-led alert notices
 Mandatory E-Prescribing (EPCS)
 Compliance Process for Enrollment Mandates
 Compliance Process for Query Mandate
 ICD-10 Codes Collected
 Deceased Patient Field
 Engaged in Academic Detailing
 Patient ID Required to be Presented to Dispense ID Types Reported: Patient
 Ability to de-id data
 Authority to release de-id data

De-identified data sharing conditions: Need MOU in place first
De-Identified Data Retention Details: No requirement for purge. Have taken oldest data and de-identified 2003, 2004
 Retain De-Identified Data

Record Retention Detail Purge records after 5 year retention. Have taken oldest data and de-identified 2003, 2004
 Patient Notification of Breach
 Written Notification of Breach

Patient Breach Notification Method: Mail
Patient Breach Notification Method Oth
E-prescribing required substan Both CS and non-CS required beginning October 1, 2021
E-prescribing exemptions/waive Waiver and criteria currently being promulgated under Board of Pharmacy Rules
Authority to enforce PDMP mandat Regulatory/Licensing Board

Enrollment and Accounts

Supervisor Review/audit of Delegate Account Number of Delegates allowed:

Auto Enroll with License Renewal or App

Enrollment Method:

[Licensee registers with license number, CS license number, DEA, NPI, last 4 of SSN and DOB for validation.](#)

Practitioner IDs for PDMP Account:

[DEA controlled substance registration number; Licensing Board number; National Provider Identifier; State controlled substance registration number](#)

2 Factor Authentication:

[Required to use 2 factor authentication](#)

Criteria for Dispensers to get account to upload data:

[Obtain a User Id / password for Data Exchange Gateway \(File Transfer Service\) or possess account to the PDMP. License, DEA and last 4 digits of SSN are required to obtain account with PDMP.](#)

Criteria for Prescriber delegates to get account:

Criteria for Dispenser delegates to get account:

Criteria for PAs to get account:

[Register with license, DEA and last 4 digits of SSN for validation](#)

Criteria for Nurse Practitioners to get account:

[Register with license, DEA and last 4 digits of SSN for validation](#)

Criteria for other users to get account:

[Law Enforcement/Government Agency and Pharmacy Benefit Managers must complete a paper application for review by PDMP staff prior to registering to the PDMP. Once approved, registration instructions are forwarded to create online account.](#)

Requirements for Patients to get PDMP Report:

Requirements for others to get PDMP Report:

Criteria for Online Non-healthcare accounts:

[Licensing/regulatory Board investigators, Law Enforcement investigators \(federal, state, and local\), Medical Examiners/coroners, Pardons or Parole officers](#)

Data for Epidemiological Purposes: [Authority to Release](#)

Law Enforcement On-line access to PDMP Law Enforcement Written Request access to PDMP

Law Enforcement Access Method:

Law Enforcement Access Requirements: [Active Investigation](#)

PDMP users validated with DEA Registration File PDMP Access without DEA Number

PDMP users validated with NPI File Validation Process for [Require registration under a role](#)

PDMP users validated with State Licensing Board users without DEA #: [Prescriber without DEA and credentials are all validated manually. Expiration date, complaint/disciplinary action history noted within the user's account.](#)

Enrollment Mandates

Prescriber - Mandatory PDMP Enrollment

Statute/Regulation Citation:

§ 333.7303a

Use Mandates

Prescriber - Mandatory PDMP Use

Statute/Regulation Citation:

§ 333.7303a

§ 333.7333a

MAC R.418.101008a

Training on Enrollment and Use

Prescriber - Training Provided	In-person; online video; webinar
Licensing Board - Training Provided	In-person; online video; webinar
Law Enforcement - Training Provided	In-person; online video; webinar
Dispenser - Training Provided	In-person; online video; webinar
Attorney General - Training Provided	In-person; online video; webinar

PDMP Queries

<input checked="" type="checkbox"/> Ability to search for multiple patients in one query	Maximum number of patients in one query	Unlimited
Patient Query Date Range	other	Other Query Date Range: Up to 5 years dependent on
Minimum data elements to query for healthcare user:		First Name, Last Name, Date of Birth
Query by partial data elements by healthcare user:		Partial name search is allowed.
Optional data elements to query by healthcare user:		zip code
Minimum data elements to query for non-healthcare user:		First name, last name, street, city, zip code and DEA information if applicable to request and date range.
Query by partial data elements by non-healthcare user:		All query fields are searched exactly as entered with the exception of the first name. The query will search by first initial of the first name.
Optional data elements to query by non-healthcare user:		

Unsolicited Reports/Push Notifications

Frequency unsolicited alerts/reports generated:	Monthly/Quarterly
Delivery method for unsolicited alerts/reports:	Notification sent via email, Report sent via email
Delivery method for unsolicited alerts/reports - LE:	
Delivery method for unsolicited alerts/reports - Boards:	
<input type="checkbox"/> Unsolicited alerts/reports to practitioners not enrolled in PDMP	

Veterinary Policies

Data transmission frequency for Veterinarians: [Daily](#)

Criteria for veterinarian queries: [Animal Owner's Name](#)

Veterinarian access to owner's prescription history

Veterinary Icon on PDMP Report

Reporting Specifications

Reporting Method: [Electronic, Mail, Fax, Web Portal](#)

Reporting Specifications:

Data Fields: [PAT07 - Last Name, PAT08 - Owner's First Name, PAT18 - Owner's Date of Birth, PAT19 - Owner's Gender, PAT20 - Species Code, PAT21 - Name of Animal](#)

Reporting Description: [Veterinarians are required to report](#)

Reporting Mandate Compliance

Reporting Compliance Details: [Prescription audit project.](#)

Reporting Mandate Actions:

Reporting Issues:

Reporting Misc Information:

Enrollment Mandate Compliance

Enrollment Description: [Required to register if prescribing controlled substances, effective June 1 2018.](#)

Enrollment Mandate Compliance Details: [Process to notify prescribers, including Veterinarians, that have issued controlled substance prescriptions and are not registered to the PDMP.](#)

Enrollment Mandate Criteria:

Query Mandate Compliance

Query Description: [Required to query the PDMP if prescribing in excess of a 3-days supply, except if a pharmacist will be dispensing the prescription.](#)

Query Mandate Compliance Details:

Query Mandate Criteria:

PDMP Effectiveness Measures

Substance Use Disorder Activities

Tools or Resources

- MAT Services
- MOUD Services
- Harm Reduction Strategies
- Mental Health Assistance Services
- Employee Assistance Programs
- Housing Assistance Programs
- Re-Entry Programs

Other:

Currently have NarxCare with information for users related to SUD/ODU, will be integrating OpenBeds into PDMP.

Surveillance Activities

- Emergency Department Data
- Medical Examiner/Coroner Data

Data Sources for Surveillance Activities:

Initiated Actions

- Resources to Affected Areas
 - Directed Training on Prescribing
 - Prescription Drug Tool Kits
 - Risk Evaluation/Analysis on PDMP Reports
 - Referrals to SUD Organizations
 - Referrals to OFR Teams
 - Prevent disruption of patient services
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Other Actions: