Maryland

PDMP acronym: Prescription Drug Monitoring Program (PDMP)
Agency Responsible: Maryland Department of Health, Office of Provider Engagement and Regulation
Agency Type: Department of Health
Website: https://health.maryland.gov/pdmp/Pages/Home.aspx
Email: mdh.pdmp@maryland.gov
Register Website: mdpdmp.rxgov.com; crisphealth.org
Query Website: mdpdmp.rxgov.com; crisphealth.org
Data Upload Website: mdpdmp.rxgov.com
Statistics Website: https://health.maryland.gov/pdmp/Pages/pdmp-updates.aspx
Opioid Dashboard Website:
Training Website: marylandpdmp.org; crisphealth.org
Statute/Regulation Website: https://health.maryland.gov/pdmp/Pages/PDMP-Regulations.aspx
Opioid Guidelines Website:

PDMP Contact Information

Contact Name: Lazarides, Ana - PDMP Provider Engagement and Policy Manager
Address: 1223 W. Pratt Street, 2nd Floor
City State Zip: Baltimore MD 21223
Telephone: 2404446249
Fax: Email: ana.lazarides@maryland.gov

Contact Name: Roberson, Sara - PDMP Coordinator
Address: 1223 W. Pratt Street, 2nd Floor
City State Zip: Baltimore MD 21223
Telephone: 4436870397
Fax: Email: sara.roberson1@maryland.gov

State Population and Number of Registrants

State population: 6,154,710 DEA Prescriber total: 42,419 DEA Dispenser total: 1,290
### Data Transmitter(s)
- Correctional Facility Pharmacy
- Dispensing Practitioner
- Pharmacy (In-State)
- Pharmacy (Mail Order Out of State)
- Veterans Administration
- Department of Defense
- Indian Health Services
- Pharmacy (Mail Order In-State)
- Tribal Pharmacy

### Substances Monitored

**Schedules II - V**

### Alternate Data Sources

<table>
<thead>
<tr>
<th>Naloxone/Narcan Dispensations</th>
<th>Overdoses - Non-fatal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overdoses - Fatal</td>
<td></td>
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</table>

### Available Reports

<table>
<thead>
<tr>
<th>Annual PDMP Reports</th>
<th>Data Dashboards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispenser Reports to Law Enforcement</td>
<td>Drug Trend Reports</td>
</tr>
<tr>
<td>Geomapping of Prescription Data</td>
<td>Licensee Reports to Licensing Board</td>
</tr>
<tr>
<td>MME Calculations</td>
<td>Multiple Provider Episode Reports</td>
</tr>
<tr>
<td>Overdose Reports</td>
<td>Patient Query Lists to Law Enforcement</td>
</tr>
<tr>
<td>Patient Query Lists to Licensing Boards</td>
<td>Patient Query Lists to Patients</td>
</tr>
<tr>
<td>Patient Query Lists to Prescribers</td>
<td>Patient Reports to Dispensers</td>
</tr>
<tr>
<td>Patient Reports to Law Enforcement</td>
<td>Patient Reports to Licensing Boards</td>
</tr>
<tr>
<td>Patient Reports to Prescribers</td>
<td>PDMP Evaluation Reports</td>
</tr>
<tr>
<td>Prescriber Reports to Law Enforcement</td>
<td>Registrant Reports to Prescribers</td>
</tr>
<tr>
<td>Statewide Statistics</td>
<td></td>
</tr>
</tbody>
</table>
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 Type
- # 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 Type
- # of Unsolicited Statistical Reports by Recipient Type
- # of Unique Requestors for Solicited Reports
- # of Unique Requestors by Requestor Type (sol. reports)
- # of Unique Requestors for Unsolicited Reports
- # of Unique Recipients by Recipient Type (unsol. reports)

% Out-of-State Patients:
% Out-of-State Prescribers:

Data Analysis Resources Available:
Epidemiologist
Authorized PDMP Users

Dispenser Delegates - Licensed/Solicited In-State
Dispenser Delegates - Unlicensed/Solicited In-State
Dispensers - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Dispensers - Pharmacists/Unsolicited In-State
Drug Treatment Providers/Solicited In-State
Healthcare Facilities and Institutions/Solicited In-State
Law Enforcement - Federal/Solicited In-State
Law Enforcement - Federal/Solicited Out-of-State
Law Enforcement - Local/Solicited In-State
Law Enforcement - State/Solicited In-State
Medicaid Drug Utilization and Review/Solicited In-State
Medicaid Fraud and Abuse/Solicited In-State
Medical Examiners and Coroners/Solicited In-State
Medical Interns/Solicited In-State
Medical Residents/Solicited In-State
Nurse Practitioners/Solicited In-State
Nurse Practitioners/Solicited Out-of-State
Patients/Solicited In-State
Patients/Solicited Out-of-State
Peer Review Committees/Solicited In-State
Physician Assistants/Solicited In-State
Physician Assistants/Solicited Out-of-State
Prescriber Delegates - Licensed/Solicited In-State
Prescriber Delegates - Unlicensed/Solicited In-State
Prescribers/Solicited In-State
Prescribers/Solicited Out-of-State
Prescribers/Unsolicited In-State
Prescribers/Unsolicited Out-of-State
Prosecutors/Solicited In-State
Regulatory and Licensing Boards/Solicited In-State
Researchers/Solicited In-State
Researchers/Solicited Out-of-State
Engaged PDMP Users

Dispenser Delegates - Licensed/Solicited In-State
Dispensers - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Dispensers - Pharmacists/Unsolicited In-State
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Prescribers/Unsolicited Out-of-State
Prosecutors/Solicited In-State
Regulatory and Licensing Boards/Solicited In-State
Researchers/Solicited In-State
Researchers/Solicited Out-of-State
**Budget**

<table>
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<th>Total Annual Budget:</th>
<th>PDMP Staff: 9</th>
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<tbody>
<tr>
<td># of Employees - Operational:</td>
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<tr>
<td># of Employees - Technical:</td>
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<tr>
<td># of Employees - Analytical:</td>
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**Funding Source(s)**

- BJA Grant
- CDC Grant
- State General Fund

**Technologies**

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

- ASAP Version Utilized: 4.2
- State HIE in place
- RxCheck Integration Allowed
- VHA VISTA integration
- HL7 FHIR connectivity

**Patient Matching**

- **✓ Referential Matching**
- **✓ Deterministic Matching**
- **✓ Manual Matching**
- **✓ Probabilistic Matching**
- **✓ Probabilistic and Manual Matching**
- **☐ Exact Matching**
- **☐ Other Matching**

- Access to patient matching algorithms

- Patient Matching Metrics Available:
  - Patient identification (i.e., driver license, social security number), Patient last name, Patient first name, Patient middle name or initial, Patient address, Patient date of birth, Patient gender

**Integration(s) Available**

- **EHR Integration** 75-100% PMPi
- **Paid by Fed Gov't** Paid by State Gov't Paid by Facility Paid by Provider
- **☐ Data Downloaded/ Stored**
- **☐ Data Manipulated for Analysis**
- **☐ Data Incorporated with Interstate Data**
- **☐ Multistate Integrations Allowed**

**Integration Standards:**
<table>
<thead>
<tr>
<th>State</th>
<th>Hub Type</th>
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</thead>
<tbody>
<tr>
<td>Alabama</td>
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</tr>
<tr>
<td>Alabama</td>
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<tr>
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<td>RxCheck Hub</td>
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<td>Illinois</td>
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<tr>
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<td>State</td>
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<td>Washington</td>
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</tr>
<tr>
<td>West Virginia</td>
<td>RxCheck Hub</td>
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<tr>
<td>Wisconsin</td>
<td>RxCheck Hub</td>
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## PDMP Policies

<table>
<thead>
<tr>
<th>Enabling legislation enacted:</th>
<th>2011</th>
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<tr>
<td>PDMP operational:</td>
<td>2013</td>
</tr>
<tr>
<td>User access date (any method):</td>
<td>2013</td>
</tr>
<tr>
<td>User electronic access date:</td>
<td>2013</td>
</tr>
<tr>
<td>Date received electronic data:</td>
<td>2013</td>
</tr>
<tr>
<td>Interstate sharing start date:</td>
<td>2015</td>
</tr>
<tr>
<td>Law/Statute citation:</td>
<td>MD Code Health Gen §§ 21-2A-01 to -10</td>
</tr>
<tr>
<td>Regulation/Rule citation:</td>
<td>MD Code Regs 10.47.07.01-.08</td>
</tr>
<tr>
<td>Dr Shopper law/statute:</td>
<td>MD Criminal Law §§ 5-601, 5-701, 8-610</td>
</tr>
<tr>
<td>Pill Mill law/statute:</td>
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<tr>
<td>Pain Clinic law/statute:</td>
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<tr>
<td>Unauthorized Use or Disclosure:</td>
<td>MD Code Health Gen § 21-2A-09(B)</td>
</tr>
<tr>
<td>Enacted 42 CFR Part 2:</td>
<td></td>
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<tr>
<td>42 CFR Part 2 Details:</td>
<td></td>
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</tbody>
</table>

- 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 Dispenser
- Ability to de-id data
- Authority to release de-id data
- Data Retention Policy
- Data Retention Time: 3 years
- All Information Purged
- Patient Information Purged
- Prescriber Information Purged
- Dispenser Information Purged
- Drug Information Purged
- HIPAA Covered Entity
- Identifiable Data to State Health Dept
- Identifiable Data to local Health Dept
- Certified as CMS Specialized Registry
- PDMP Disaster Recovery Plan
- ID Types Reported: Patient

De-identified data sharing conditions: Current DHMH policy requires that submission of all research requests for Department-controlled data to be approved by the DHMH IRB.

De-Identified Data Retention Details:
- Retain De-Identified Data

Record Retention Details:
- Patient Notification of Breach
- Written Notification of Breach

Patient Breach Notification Method:
- Patient Breach Notification Method Other:
- E-prescribing required substances:
- E-prescribing exemptions/waivers:

Authority to enforce PDMP mandates: Regulatory/Licensing Board, Law enforcement is not explicitly granted authority in PDMP statute to enforce mandates, but may be able to under their own authorities.
Enrollment and Accounts

- Supervisor Review/audit of Delegate Accounts
- Number of Delegates allows: multiple

- Auto Enroll with License Renewal or App

Enrollment Method:

Practitioner IDs for PDMP Account:
- DEA controlled substance registration number;
- Licensing Board number;
- State controlled substance registration number

2 Factor Authentication:
- Required to use 2 factor authentication

Criteria for Dispensers to get account to upload data
Criteria for Prescriber delegates to get account:
Criteria for Dispenser delegates to get account:
Criteria for PAs to get account:
Criteria for Nurse Practitioners to get account:
Criteria for other users to get account:

Requirements for Patients to get PDMP Report:
1) submit notarized Maryland PDMP Patient Data Request form;
2) copy of valid state or federal government-issued ID

Requirements for others to get PDMP Report
Criteria for Online Non-healthcare accounts:
- Medical Examiners/coroners

PDMP 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:
- Subpoena for data maintained by the Program.
- Record-level PDMP data is processed via secure email

Law Enforcement Access Requirements:
- Subpoena

- PDMP users validated with DEA Registration File
- PDMP users validated with NPI File
- PDMP users validated with State Licensing Board File

PDMP Access without DEA Number Validation Process for users without DEA #:
Enrollment Mandates

Dispenser - Mandatory PDMP Enrollment
Prescriber - Mandatory PDMP Enrollment

Effective Date(s): October 1, 2016 (must register by July 1, 2017)

Details:
Practitioners legally authorized to prescribe CDS in Maryland (with or without their own individual DEA and state-level CDS registrations). Dispensers in possession of an active Maryland pharmacist license

Use Mandates

Dispenser - Mandatory PDMP Use
Prescriber - Mandatory PDMP Use

Effective Date(s): July 1, 2018

Details:
Starting 7/1/2018, when prescribing a new course of treatment with an opioid or benzodiazepine, and if that course of treatment continues, at least every 90 days after. Starting 7/1/2018, when dispensing ANY CDS prescription, if they have reason to believe the prescription is being filled for something other than a legitimate medical diagnosis (corresponding responsibility under federal regulations).
### PDMP Queries

- **Ability to search for multiple patients in one query**
- **Patient Query Date Range:** >3 years
- **Minimum data elements to query for healthcare user:** first name, last name, DOB
- **Query by partial data elements by healthcare user:**
  - Optional data elements to query by healthcare user:
    - gender, SSN
- **Minimum data elements to query for non-healthcare user:**
- **Query by partial data elements by non-healthcare user:**
- **Optional data elements to query by non-healthcare user:**

### Unsolicited Reports/Push Notifications

- **Frequency unsolicited alerts/reports generated:** monthly
- **Delivery method for unsolicited alerts/reports:** Report mailed
- **Delivery method for unsolicited alerts/reports - LE:** not authorized by law presently (will be able to send notifications to our state CDS permit authority starting October 2019, but have not determined how this will be implemented yet)
- **Delivery method for unsolicited alerts/reports - Boards:**

- **Unsolicited alerts/reports to practitioners not enrolled in PDMP**
Veterinary Policies

Data transmission frequency for Veterinarians:
Criteria for veterinarian queries:
☐ Veterinarian access to owner's prescription history
☐ Veterinary Icon on PDMP Report

Reporting Method:
Reporting Specifications:
Data Fields:
Reporting Description:
☐ Reporting Mandate Compliance
Reporting Compliance Details:
Reporting Mandate Actions:
Reporting Issues: pharmacy reporting veterinary prescriptions dispensed by them do not complete species code.

Reporting Misc Information:
☐ Enrollment Mandate Compliance
Enrollment Description: Veterinarians are required to enroll as data requesters with the PDMP
Enrollment Mandate Compliance Details: If a veterinarian attempts to obtain a new or renewal state CDS permit, the state CDS Permit authority will not approve said application unless the veterinarian is PDMP-registered

Enrollment Mandate Criteria:
☐ Query Mandate Compliance
Query Description: Veterinarians are not permitted by statute/rule/policy to query
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:

Surveillance Activities

☑ Emergency Department Data

Data Sources for Surveillance Activities:

☑ Medical Examiner/Coroner Data

Vital Statistics Administration: death records Emergency Medical System data: just starting HSCRC: nonfatal overdoses

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

Other Actions: