Maryland

PDMP acronym: Prescription Drug Monitoring Program (PDMP)  Region: East
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; crispehealth.org
Query Website: mdpdmp.rxgov.com; crispehealth.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; crispehealth.org
Statute/Regulation Website: https://health.maryland.gov/pdmp/Pages/PDMP-Regulations.aspx
Opioid Guidelines Website:

PDMP Contact Information

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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
## Substances Monitored

Schedules II - V

## Alternate Data Sources

- Naloxone/Narcan Dispensations
- Overdoses - Non-fatal

## Available Reports

- Annual PDMP Reports
- Dispenser Reports to Law Enforcement
- Geomapping of Prescription Data
- MME Calculations
- Overdose Reports
- Patient Query Lists to Licensing Boards
- Patient Query Lists to Prescribers
- Patient Reports to Law Enforcement
- Patient Reports to Prescribers
- Prescriber Reports to Law Enforcement
- Statewide Statistics

- Data Dashboards
- Drug Trend Reports
- Licensee Reports to Licensing Board
- Multiple Provider Episode Reports
- Patient Query Lists to Law Enforcement
- Patient Query Lists to Patients
- Patient Reports to Dispensers
- Patient Reports to Licensing Boards
- PDMP Evaluation Reports
- Registrant Reports to Prescribers
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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Patients/Solicited Out-of-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>
<thead>
<tr>
<th>Total Annual Budget:</th>
<th>PDMP Staff:</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Employees - Operational:</td>
<td>4</td>
<td># of Employees - Other:</td>
</tr>
<tr>
<td># of Employees - Technical:</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td># of Employees - Analytical:</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

provider education through or related to the PDMP

## Funding Source(s)

| BJA Grant | CDC Grant | State General Fund |

## Technologies

<table>
<thead>
<tr>
<th>Data Collection Entity:</th>
<th>Vendor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Data Collection Vendor name:</td>
<td>Leap Orbit</td>
</tr>
<tr>
<td>Data Storage Entity:</td>
<td>Vendor</td>
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<tr>
<td>Data Storage Vendor name:</td>
<td>Leap Orbit</td>
</tr>
<tr>
<td>Report Generation Entity:</td>
<td>Vendor</td>
</tr>
<tr>
<td>Report Generation Vendor name:</td>
<td>Leap Orbit</td>
</tr>
<tr>
<td>Data Access Method:</td>
<td>Web Portal/On-Line</td>
</tr>
<tr>
<td>Data Access Entity:</td>
<td>Vendor</td>
</tr>
<tr>
<td>Data Access Vendor name:</td>
<td>Leap Orbit</td>
</tr>
</tbody>
</table>

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

## 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 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

<table>
<thead>
<tr>
<th>Integration Type</th>
<th>% Providers</th>
<th>Hub Used</th>
<th>Paid by Fed Gov't</th>
<th>Paid by State Gov't</th>
<th>Paid by Facility</th>
<th>Paid by Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td>EHR Integration</td>
<td>75-100%</td>
<td>PMPi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- ☐ Data Downloaded/Stored
- ☐ Data Manipulated for Analysis
- ☐ Data Incorporated with Interstate Data
- ☐ Multistate Integrations Allowed

Integration Standards:
Interstate Data Sharing Partner(s)

Alabama PMPi Hub
Alabama RxCheck Hub
Alaska RxCheck Hub
Arizona PMPi Hub
Arizona RxCheck Hub
Arkansas RxCheck Hub
Arkansas PMPi Hub
Colorado PMPi Hub
Colorado RxCheck Hub
Connecticut PMPi Hub
Connecticut RxCheck Hub
Delaware PMPi Hub
District of Columbia PMPi Hub
Florida RxCheck Hub
Illinois RxCheck Hub
Iowa PMPi Hub
Iowa RxCheck Hub
Kansas RxCheck Hub
Kentucky RxCheck Hub
Maine PMPi Hub
Massachusetts PMPi Hub
Military Health Service PMPi Hub
Minnesota PMPi Hub
Minnesota RxCheck Hub
Nebraska RxCheck Hub
Nevada PMPi Hub
Nevada RxCheck Hub
New Hampshire RxCheck Hub
New Jersey PMPi Hub
New York PMPi Hub
New York RxCheck Hub
North Carolina PMPi Hub
North Carolina RxCheck Hub
Oklahoma PMPi Hub
Oklahoma RxCheck Hub
Pennsylvania PMPi Hub
Pennsylvania RxCheck Hub
Puerto Rico PMPi Hub
Puerto Rico RxCheck Hub
Rhode Island PMPi Hub
Rhode Island RxCheck Hub
South Carolina PMPi Hub
South Carolina RxCheck Hub
South Dakota PMPi Hub
South Dakota RxCheck Hub
Tennessee PMPi Hub
Tennessee RxCheck Hub
Texas PMPi Hub
<table>
<thead>
<tr>
<th>State</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utah</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Virginia</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Washington</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>West Virginia</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Wisconsin</td>
<td>RxCheck Hub</td>
</tr>
</tbody>
</table>
PDMP Policies

Enabling legislation enacted: 2011  
Data collection frequency: Daily or next business
PDMP operational: 2013  
☑️ Requirement for zero-reporting
User access date (any method): 2013  
Frequency of zero-reporting: 24 hours
User electronic access date: 2013
Date received electronic data: 2013
Interstate sharing start date: 2015
Law/Statute citation: MD Code Health Gen §§ 21-2A-01 to -10
Regulation/Rule citation: MD Code Regs 10.47.07.01-.08
Dr Shopper law/statute: MD Criminal Law §§ 5-601, 5-701, 8-610
Pill Mill law/statute:
Pain Clinic law/statute:
Unauthorized Use or Disclosure: MD Code Health Gen § 21-2A-09(B)
Enacted 42 CFR Part 2: 42 CFR Part 2 Details:
☑️ 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 Access without DEA Number
- **PDMP users validated with NPI File**  Validation Process for users without DEA #:
- **PDMP users validated with State Licensing Board File**
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).
### Training on Enrollment and Use

<table>
<thead>
<tr>
<th>Role</th>
<th>Training Required</th>
<th>Delivery Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prescriber</td>
<td>Online video</td>
<td></td>
</tr>
<tr>
<td>Licensing Board</td>
<td>Online video</td>
<td></td>
</tr>
<tr>
<td>Law Enforcement</td>
<td>Online video</td>
<td></td>
</tr>
<tr>
<td>Dispenser</td>
<td>Online video</td>
<td></td>
</tr>
<tr>
<td>Attorney General</td>
<td>Online video</td>
<td></td>
</tr>
</tbody>
</table>

### 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
- [x] Emergency Department Data
- [x] Medical Examiner/Coroner Data

**Data Sources for Surveillance Activities:**
- [x] Vital Statistics Administration: death records
- Emergency Medical System data: just starting
- HSCRC: nonfatal overdoses

#### Initiated Actions
- [ ] Resources to Affected Areas
- [x] Directed Training on Prescribing
- [ ] Prescription Drug Tool Kits
- [ ] Risk Evaluation/Analysis on PDMP Reports
- [ ] Referrals to SUD Organizations
- [x] Referrals to OFR Teams

#### Other Actions:

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**Tools or Resources:**
- [ ] MAT Services
- [ ] MOUD Services
- [ ] Harm Reduction Strategies
- [ ] Mental Health Assistance Services
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**Other Actions:**