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

Contact Name: Roberson, Sara - PDMP Operations Manager
Address: 1223 W. Pratt Street, 2nd Floor
City State Zip: Baltimore MD 21223
Telephone: 4104028686
Fax: 
Email: sara.roberson1@maryland.gov

State Population and Number of Registrants

State population: 6,185,278 DEA Prescriber total: 39,722 DEA Dispenser total: 1,313
### 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
- Naloxone/Narcan Dispensations
- Schedules II - V

### Alternate Data Sources
- Overdoses - Fatal
- 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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Law Enforcement - State/Solicited In-State
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Medical Interns/Solicited In-State
Medical Residents/Solicited In-State
Nurse Practitioners/Solicited In-State
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Patients/Solicited Out-of-State
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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
## 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></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>
<tr>
<td>Provider education through or related to the PDMP</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

## 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>NIC</td>
</tr>
<tr>
<td>Data Storage Entity:</td>
<td>Vendor</td>
</tr>
<tr>
<td>Data Storage Vendor name:</td>
<td>NIC</td>
</tr>
<tr>
<td>Report Generation Entity:</td>
<td>Vendor</td>
</tr>
<tr>
<td>Report Generation Vendor name:</td>
<td>NIC</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>NIC</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
- Probabilistic Matching
- Probabilistic and Manual 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

<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>50-74%</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:
<table>
<thead>
<tr>
<th>State</th>
<th>Service</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alabama</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Alabama</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Alaska</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Arizona</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Arizona</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Arkansas</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Arkansas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Colorado</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Colorado</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Connecticut</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Connecticut</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Delaware</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>District of Columbia</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Florida</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Illinois</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Iowa</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Iowa</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Kansas</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Kentucky</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Maine</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Massachusetts</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Military Health Service</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Minnesota</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Minnesota</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Nebraska</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Nevada</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Nevada</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>New Hampshire</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>New Jersey</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>New York</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>New York</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>North Carolina</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>North Carolina</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Puerto Rico</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Rhode Island</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>South Carolina</td>
<td>PMPi Hub</td>
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<td>South Carolina</td>
<td>RxCheck Hub</td>
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<td>South Dakota</td>
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<td>South Dakota</td>
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</tr>
<tr>
<td>Tennessee</td>
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<td>Tennessee</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Texas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>State</td>
<td>Hub Name</td>
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<td>-----------------</td>
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<tr>
<td>Utah</td>
<td>RxCheck Hub</td>
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<tr>
<td>Virginia</td>
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<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

<table>
<thead>
<tr>
<th>Enabling legislation enacted:</th>
<th>2011</th>
<th>Data collection frequency:</th>
<th>Daily or next business</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDMP operational:</td>
<td>2013</td>
<td>Requirement for zero-reporting</td>
<td>✓</td>
</tr>
<tr>
<td>User access date (any method):</td>
<td>2013</td>
<td>Frequency of zero-reporting:</td>
<td>24 hours</td>
</tr>
<tr>
<td>User electronic access date:</td>
<td>2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date received electronic data:</td>
<td>2013</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interstate sharing start date:</td>
<td>2015</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Law/Statute citation:</td>
<td>MD Code Health Gen §§ 21-2A-01 to -10</td>
<td></td>
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</tr>
<tr>
<td>Regulation/Rule citation:</td>
<td>MD Code Regs 10.47.07.01-.08</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr Shopper law/statute:</td>
<td>MD Criminal Law §§ 5-601, 5-701, 8-610</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pill Mill law/statute:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pain Clinic law/statute:</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Unauthorized Use or Disclosure:</td>
<td>MD Code Health Gen § 21-2A-09(B)</td>
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</tr>
</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**
**☐ 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
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

- Attorney General - Training Provided
- Dispenser - Training Provided
- Law Enforcement - Training Provided
- Licensing Board - Training Provided
- Prescriber - Training Provided
- Attorney General - Training Required
- Dispenser - Training Required
- Law Enforcement - Training Required
- Licensing Board - Training Required
- Prescriber - Training Required

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

- Maximum number of patients in one query:
- Other Query Date Range:
  - first name, last name, DOB

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)

- 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  
☑ Medical Examiner/Coroner Data

Data Sources for Surveillance Activities:

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: