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](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](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](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

- Schedules II - V

### Alternate Data Sources

- Overdoses - Fatal
- Overdoses - Non-fatal

### 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 Requestor 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 Requestor 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
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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: 9</th>
</tr>
</thead>
<tbody>
<tr>
<td># of Employees - Operational: 4</td>
<td># of Employees - Other: 2</td>
</tr>
<tr>
<td># of Employees - Technical: 0</td>
<td>provider education through or related to the PDMP</td>
</tr>
<tr>
<td># of Employees - Analytical: 3</td>
<td></td>
</tr>
</tbody>
</table>

## Funding Source(s)

- BJA Grant
- CDC Grant
- State General Fund

## Technologies

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

- **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**
- **☐ 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

- **Integration Type** | % Providers | Hub Used | Paid by Fed Gov't | Paid by State Gov't | Paid by Facility | Paid by Provider
- **EHR Integration** | 50-74% | PMPi | |

- **☑ Data Downloaded/Stored**
- **☑ Data Incorporated with Interstate Data**

- **☐ Data Manipulated for Analysis**
- **☐ Multistate Integrations Allowed**

**Integration Standards:**
<table>
<thead>
<tr>
<th>State</th>
<th>Partner(s)</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>PMPi Hub</td>
</tr>
<tr>
<td>Arizona</td>
<td>PMPi Hub</td>
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</tr>
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<td>Connecticut</td>
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<td>Connecticut</td>
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</tr>
<tr>
<td>Delaware</td>
<td>PMPi Hub</td>
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<tr>
<td>District of Columbia</td>
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</tr>
<tr>
<td>Florida</td>
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<tr>
<td>Illinois</td>
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</tr>
<tr>
<td>Iowa</td>
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</tr>
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<td>Maine</td>
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<tr>
<td>Massachusetts</td>
<td>PMPi Hub</td>
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<tr>
<td>Military Health Service</td>
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</tr>
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</tr>
<tr>
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<tr>
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<td>South Carolina</td>
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</tr>
<tr>
<td>Texas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>State</td>
<td>Hub Type</td>
</tr>
<tr>
<td>----------------</td>
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</tr>
<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
PDMP operational: 2013
User access date (any method): 2013
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)

☑ 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

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

<table>
<thead>
<tr>
<th>Attorneys General - Training Provided</th>
<th>Attorneys General - Training Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispenser - Training Provided</td>
<td>Dispenser - Training Required</td>
</tr>
<tr>
<td>Law Enforcement - Training Provided</td>
<td>Law Enforcement - Training Required</td>
</tr>
<tr>
<td>Licensing Board - Training Provided</td>
<td>Licensing Board - Training Required</td>
</tr>
<tr>
<td>Prescriber - Training Provided</td>
<td>Prescriber - Training Required</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)

☑ 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 Specifications

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:
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: