# PDMP Contact Information

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Address</th>
<th>City State Zip</th>
<th>Telephone</th>
<th>Fax</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hager, Andi - PDMP Operations Manager</td>
<td>1223 W. Pratt Street, 2nd Floor</td>
<td>Baltimore MD 21223</td>
<td>4436831281</td>
<td></td>
<td><a href="mailto:andrea.hager@maryland.gov">andrea.hager@maryland.gov</a></td>
</tr>
<tr>
<td>Lazarides, Ana - PDMP Provider Engagement and Policy Manager</td>
<td>1223 W. Pratt Street, 2nd Floor</td>
<td>Baltimore MD 21223</td>
<td>2404446249</td>
<td></td>
<td><a href="mailto:ana.lazarides@maryland.gov">ana.lazarides@maryland.gov</a></td>
</tr>
</tbody>
</table>
## State Population and Number of Registrants

<table>
<thead>
<tr>
<th>State population:</th>
<th>DEA Prescriber total:</th>
<th>DEA Dispenser total:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6,196,525</td>
<td>44,382</td>
<td>1,261</td>
</tr>
</tbody>
</table>

### 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

- 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 Requestor Type
- # of Solicited Dispenser Reports
- # of Solicited Dispenser Reports by Requestor Type
- # of Unsolicited Dispenser Reports
- # of Unsolicited Dispenser Reports by Requestor Type
- # of Solicited Patient Reports
- # of Solicited Patient Reports by Requestor Type
- # of UnSolicited Patient Reports
- # of UnSolicited Patient Reports by Requestor 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. rep
- # of Unique Requestors for UnSolicited Rep
- # of Unique Recipients by Recipient Type (unsol. rep

- % Out-of-State Patient
- % Out-of-State Prescribe

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
Drug Treatment Providers/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 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
Physician Assistants/Solicited In-State
Physician Assistants/Solicited Out-of-State
Prescriber Delegates - Licensed/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
**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># of Employees - Other:</td>
<td>2</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**

- 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: 4.2B

- State HIE in place  
- RxCheck Integration Allowed  
- VHA VISTA integration  
- HL7 FHIR connectivity  
- Delegate access via integration  
- SMART on FHIR apps

**Patient Matching**

- Referential Matching  
- Deterministic Matching  
- Manual 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 | 75-100% | PMPi | | | |

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

Alternate data available:
<table>
<thead>
<tr>
<th>State</th>
<th>Hub Type</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>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>PMPi Hub</td>
</tr>
<tr>
<td>Arkansas</td>
<td>RxCheck 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>
</tr>
<tr>
<td>South Carolina</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>South Dakota</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>South Dakota</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Tennessee</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Tennessee</td>
<td>RxCheck Hub</td>
</tr>
<tr>
<td>Texas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>State</td>
<td>Hub Type</td>
</tr>
<tr>
<td>---------------</td>
<td>---------------</td>
</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>
<tr>
<td>Enabling legislation enacted:</td>
<td>2011</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>------</td>
</tr>
<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>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>42 CFR Part 2 Details:</td>
<td></td>
</tr>
<tr>
<td>✓ Required Notification to consumers</td>
<td>Data Retention Policy</td>
</tr>
<tr>
<td>✓ Mandated Use of Advisory Group</td>
<td></td>
</tr>
<tr>
<td>✓ Payment method captured</td>
<td>All Information Purged</td>
</tr>
<tr>
<td>✓ Ability to id prescriber specialty</td>
<td>Patient Information Purged</td>
</tr>
<tr>
<td>Patient consent required before PDMP data release</td>
<td>Prescriber Information Purged</td>
</tr>
<tr>
<td>Ability for users to set thresholds for alert notices</td>
<td>Dispenser Information Purged</td>
</tr>
<tr>
<td>Ability for users to do user-led alert notices</td>
<td>Drug Information Purged</td>
</tr>
<tr>
<td>Mandatory E-Prescribing (EPCS)</td>
<td>HIPAA Covered Entity</td>
</tr>
<tr>
<td>Compliance Process for Enrollment Mandates</td>
<td>Identifiable Data to State Health Dept</td>
</tr>
<tr>
<td>Compliance Process for Query Mandate</td>
<td>Identifiable Data to local Health Dept</td>
</tr>
<tr>
<td>ICD-10 Codes Collected</td>
<td>Certified as CMS Specialized Registry</td>
</tr>
<tr>
<td>Deceased Patient Field</td>
<td>Qualified PDMP with CMS</td>
</tr>
<tr>
<td>Engaged in Academic Detailing</td>
<td>PDMP Disaster Recovery Plan</td>
</tr>
<tr>
<td>Patient ID Required to be Presented to Dispense</td>
<td>ID Types Reported: Patient</td>
</tr>
<tr>
<td>✓ Ability to de-id data</td>
<td></td>
</tr>
<tr>
<td>✓ Authority to release de-id data</td>
<td></td>
</tr>
<tr>
<td>De-identified data sharing conditions:</td>
<td>Current DHMH policy requires that submission of all research requests for Department-controlled data to be approved by the DHMH IRB.</td>
</tr>
<tr>
<td>De-identified Data Retention Details:</td>
<td></td>
</tr>
<tr>
<td>Retain De-Identified Data</td>
<td></td>
</tr>
<tr>
<td>Patient Notification of Breach</td>
<td>Written Notification of Breach</td>
</tr>
<tr>
<td>Patient Breach Notification Method:</td>
<td></td>
</tr>
<tr>
<td>Patient Breach Notification Method Oth</td>
<td></td>
</tr>
<tr>
<td>E-prescribing required substan</td>
<td></td>
</tr>
<tr>
<td>E-prescribing exemptions/waive</td>
<td></td>
</tr>
<tr>
<td>Authority to enforce PDMP mandate</td>
<td>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.</td>
</tr>
</tbody>
</table>
Enrollment and Accounts

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

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
- PDMP Access without DEA Number
- PDMP users validated with State Licensing Board
- Validation Process for users without DEA Number:
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
### PDMP Queries

- **Ability to search for multiple patients in one query**: ✓
- **Maximum number of patients in one query**: 
- **Patient Query Date Ran**: >3 years
- **Other Query Date Range**: 
- **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
☐ 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:
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
- Prevent disruption of patient services
- Other Actions: