



Prescription Drug Monitoring Program Training and Technical Assistance Center

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

PDMP Web Resources/Links

PDMP Website: <https://health.maryland.gov/pdmp/Pages/Home.aspx>
 PDMP Email: mdh.pdmp@maryland.gov
 PDMP Register Website: mdpdmp.rxgov.com; crisphealth.org
 User Account Manual: <https://health.maryland.gov/pdmp/Pages/-Clinical-Resources.aspx>
 PDMP Query Website: mdpdmp.rxgov.com; crisphealth.org
 PDMP Data Upload Website: mdpdmp.rxgov.com
 Data Upload Manual: <https://health.maryland.gov/pdmp/Documents/RxGov%20PDMP%20Data%20Submitter%20Guide.pdf>
 Statute/Regulation Website: <https://health.maryland.gov/pdmp/Pages/PDMP-Regulations.aspx>
 Opioid Guidelines Website:
 PDMP FAQs: <https://health.maryland.gov/pdmp/Pages/FAQ.aspx>
 Integration Guidance:
 PDMP Statistics Website:
 Opioid Dashboard Website:
 Training Website: <https://health.maryland.gov/pdmp/Pages/videos.aspx>

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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

[Naloxone/Narcan Dispensations](#)

[Overdoses - Non-fatal](#)

[Overdoses - 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](#)
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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

Total Annual Budget:

of Employees - Operational: 4
of Employees - Technical: 0
of Employees - Analytical: 3

PDMP Staff:

9

of Employees - Other: 2

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

☒ State HIE in place

☒ RxCheck Integration Allowed

☒ VHA VISTA integration

☒ HL7 FHIR connectivity

ASAP Version Utilized: 4.2B

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 matching data elements: 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
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EHR Integration	75-100%	PMPi				
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☐ 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	PMPi Hub
Arkansas	RxCheck 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

Utah	RxCheck Hub
Virginia	PMPi Hub
Washington	RxCheck Hub
West Virginia	RxCheck Hub
Wisconsin	RxCheck Hub

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:

Data collection frequency: Daily or next business day
☒ Requirement for zero-reporting
Frequency of zero-reporting: 24 hours

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

☒ PDMP users validated with State Licensing Board File 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 \(corresponding responsibility under federal regulations\).](#)

Training on Enrollment and Use

Prescriber - Training Required	Online video
Licensing Board - Training Required	Online video
Law Enforcement - Training Required	Online video
Dispenser - Training Required	Online video
Attorney General - Training Required	Online video

PDMP Queries

<input type="checkbox"/> Ability to search for multiple patients in one query	Maximum number of patients in one query:
Patient Query Date Range: >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:	
Delivery method for unsolicited alerts/reports - Boards:	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)
<input checked="" type="checkbox"/> 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:

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:

