PDMP TTAC
Prescription Drug Monitoring Program Training and Technical Assistance Center

Massachusetts

PDMP acronym:	MA Prescription Monitoring Program	Region:	East
Agency Responsible:	Department of Public Health		
Agency Type:	Department of Health		

PDMP Web Resources/Links

PDMP Website:	https://www.mass.gov/orgs/prescription-monitoring-program
PDMP Email:	mapmp.dph@MassMail.State.MA.US
PDMP Register Website:	https://massachusetts.pmpaware.net/identities/new
User Account Manual:	https://www.mass.gov/doc/prescriber-report-user-guide-0/download
PDMP Query Website:	https://massachusetts.pmpaware.net/login
PDMP Data Upload Website:	https://pmpclearinghouse.net/users/sign_in
Data Upload Manual:	https://www.mass.gov/doc/pmp-data-submission-dispenser-guide-version-51-0/download
Statute/Regulation Website:	https://www.mass.gov/regulations/105-CMR-70000-implementation-of-mgl-c94c
Opioid Guidelines Website:	
PDMP FAQs:	https://www.mass.gov/info-details/prescription-monitoring-program-frequently-asked-questions
Integration Guidance:	https://www.mass.gov/info-details/electronic-health-records-ehr-integration
PDMP Statistics Website:	https://www.mass.gov/info-details/prescription-monitoring-program-in-massachusetts
Opioid Dashboard Website:	https://chapter55.digital.mass.gov/
Training Website:	https://www.mass.gov/info-details/masspat-training-tutorials

PDMP Contact Information

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State Population and Number of Registrants

State population: 6,974,258   DEA Prescriber total: 54,994   DEA Dispenser total: 1,128

Data Transmitter(s)

Dispensing Practitioner
Pharmacy (In-State)
Pharmacy (Mail Order Out of State)

Long Term Care Facility Pharmacy
Pharmacy (Mail Order In-State)
Veterans Administration

Substances Monitored

Drugs of Concern

Schedules II - V

Alternate Data Sources

Medical Marijuana Dispensations
Naloxone/Narcan Administrations
Overdoses - Fatal

Mental Health Assessment Tools
Naloxone/Narcan Dispensations
Substance Use Disorder Treatment Options

Available Reports

Annual PDMP Reports
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
Patient Reports with Summary Data
Prescriber Report Cards
Prescription Drug Combinations
Registrant Query Lists to Licensing Boards
Statewide Statistics

Dispenser Reports to Law Enforcement
Geomapping of Prescription Data
MME Calculations
Patient Query Lists to Dispensers
Patient Query Lists to Licensing Boards
Patient Query Lists to Prescribers
Patient Reports to Law Enforcement
Patient Reports to Prescribers
PDMP Evaluation Reports
Prescriber Reports to Law Enforcement
Registrant Query Lists to Law Enforcement
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: 5-10%
% Out-of-State Prescribers: 5-10%

Data Analysis Resources Available:

Data Analyst; Epidemiologist;

Authorized PDMP Users

Dispenser Delegates - Licensed/Solicited In-State

Dispenser Delegates - Licensed/Solicited Out-of-State

Dispenser Delegates - Unlicensed/Solicited In-State

Dispenser Delegates - Unlicensed/Solicited Out-of-State

Dispensers - Pharmacies/Solicited In-State

Dispensers - Pharmacies/Unsolicited In-State

Dispensers - Pharmacists/Solicited In-State

Dispensers - Pharmacists/Solicited Out-of-State

Dispensers - Pharmacists/Unsolicited In-State

Law Enforcement - Federal/Solicited In-State

Law Enforcement - Federal/Unsolicited In-State

Law Enforcement - Local/Solicited In-State

Law Enforcement - State/Solicited In-State

Law Enforcement - State/Unsolicited 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 Interns/Solicited Out-of-State

Medical Residents/Solicited In-State

Medical Residents/Solicited Out-of-State

Nurse Practitioners/Solicited In-State

Nurse Practitioners/Solicited Out-of-State

Nurse Practitioners/Unsolicited In-State

Patients/Solicited In-State

Physician Assistants/Solicited In-State

Physician Assistants/Solicited Out-of-State

Physician Assistants/Unsolicited In-State

Prescriber Delegates - Licensed/Solicited In-State

Prescriber Delegates - Licensed/Solicited Out-of-State

Prescriber Delegates - Unlicensed/Solicited In-State

Prescriber Delegates - Unlicensed/Solicited Out-of-State

Prescribers/Solicited In-State

Prescribers/Solicited Out-of-State

Prescribers/Unsolicited In-State

Prosecutors/Solicited In-State

Regulatory and Licensing Boards/Solicited In-State

Regulatory and Licensing Boards/Unsolicited In-State

Researchers/Solicited In-State

State Health Departments/Solicited In-State

Engaged PDMP Users

Dispenser Delegates - Licensed/Solicited In-State

Dispenser Delegates - Licensed/Solicited Out-of-State

Dispenser Delegates - Unlicensed/Solicited In-State

Dispenser Delegates - Unlicensed/Solicited Out-of-State

Dispensers - Pharmacies/Solicited In-State

Dispensers - Pharmacists/Solicited In-State

Dispensers - Pharmacists/Solicited Out-of-State

Law Enforcement - Federal/Solicited In-State

Law Enforcement - Federal/Unsolicited In-State

Law Enforcement - Local/Solicited In-State

Law Enforcement - State/Solicited In-State

Law Enforcement - State/Unsolicited In-State

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Medicaid Fraud and Abuse/Solicited In-State

Medical Examiners and Coroners/Solicited In-State

Medical Interns/Solicited In-State

Medical Interns/Solicited Out-of-State

Medical Residents/Solicited In-State

Medical Residents/Solicited Out-of-State

Nurse Practitioners/Solicited In-State

Nurse Practitioners/Solicited Out-of-State

Nurse Practitioners/Unsolicited In-State

Patients/Solicited In-State

Physician Assistants/Solicited In-State

Physician Assistants/Solicited Out-of-State

Physician Assistants/Unsolicited In-State

Prescriber Delegates - Licensed/Solicited In-State

Prescriber Delegates - Licensed/Solicited Out-of-State

Prescriber Delegates - Unlicensed/Solicited In-State

Prescriber Delegates - Unlicensed/Solicited Out-of-State

Prescribers/Solicited In-State

Prescribers/Solicited Out-of-State

Prescribers/Unsolicited In-State

Prosecutors/Solicited In-State

Regulatory and Licensing Boards/Solicited In-State

Regulatory and Licensing Boards/Unsolicited In-State

Budget

Total Annual Budget:	$1,200,000.00	**PDMP Staff:**	12
# of Employees - Operational:	7	# of Employees - Other:	0
# of Employees - Technical:	2		
# of Employees - Analytical:	3		

Funding Source(s)

BJA Grant

CDC Grant

State General Fund

Technologies

Data Collection Entity:	Vendor	☑ State HIE in place
Data Collection Vendor name:	Bamboo Health	☑ RxCheck Integration Allowed
Data Storage Entity:	In-House	☑ VHA VISTA integration
Data Storage Vendor name:	In-House	☑ HL7 FHIR connectivity
Report Generation Entity:	In-House	ASAP Version Utilized: 4.2A
Report Generation Vendor name:	In-House	
Data Access Method:	Web Portal/On-Line	
Data Access Entity:	In-House	
Data Access Vendor name:	In-House	

Patient Matching

☑ Referential Matching   ☑ Exact Matching

☑ Deterministic Matching   ☑ Probablistic Matching

☑ Manual Matching   ☐ Probablistic and Manual Matching

☑ Other Matching

Wild card searching available. First 5 letters of first name plus asterisk and first 2 letters of last name plus asterisk.

☑ 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, Phone number is also used

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		Annual Fee		

☐ Data Downloaded/Stored   ☑ Data Manipulated for Analysis

☑ Data Incorporated with Interstate Data   ☑ Multistate Integrations Allowed

Integration Standards: Bamboo Health V5.1 API Bamboo Health Epic SSO API ASAP

Integration Type	% Providers	Hub Used	Paid by Fed Gov't	Paid by State Gov't	Paid by Facility	Paid by Provider
HIE Integration	50-74%	PMPi		Annual Fee		

☐ Data Downloaded/Stored   ☑ Data Manipulated for Analysis

☑ Data Incorporated with Interstate Data   ☑ Multistate Integrations Allowed

Integration Standards: Bamboo Health V5.1 API Bamboo Health Epic SSO API ASAP

Interstate Data Sharing Partner(s)

Alabama	PMPi Hub
Alaska	PMPi Hub
Arizona	PMPi Hub
Arkansas	PMPi Hub
Colorado	PMPi Hub
Connecticut	PMPi Hub
Delaware	PMPi Hub
Delaware	RxCheck Hub
District of Columbia	PMPi Hub
Florida	PMPi Hub
Georgia	PMPi Hub
Idaho	PMPi Hub
Illinois	PMPi Hub
Indiana	PMPi Hub
Kansas	PMPi Hub
Louisiana	PMPi Hub
Maine	PMPi Hub
Maryland	PMPi Hub
Michigan	PMPi Hub
Military Health Service	PMPi Hub
Minnesota	PMPi Hub
Mississippi	PMPi Hub
Nevada	PMPi Hub
New Hampshire	PMPi Hub
New Jersey	PMPi Hub
New Mexico	PMPi Hub
New York	PMPi Hub
North Carolina	PMPi Hub
North Dakota	PMPi Hub
Ohio	PMPi Hub
Oklahoma	PMPi Hub
Pennsylvania	RxCheck Hub
Puerto Rico	PMPi Hub
Rhode Island	PMPi Hub
South Carolina	PMPi Hub
South Dakota	PMPi Hub
Tennessee	PMPi Hub
Texas	PMPi Hub
Vermont	PMPi Hub
Virginia	PMPi Hub
West Virginia	PMPi Hub

PDMP Policies

Enabling legislation enacted:	1992	Data collection frequency:	Daily or next busines
PDMP operational:	1994	☑ Requirement for zero-reporting	
User access date (any method):		Frequency of zero-reporting:	Daily
User electronic access date:	2011		
Date received electronic data:	1994		
Interstate sharing start date:	2016		

Law/Statute citation: MA Gen Laws Chapter 94C §24A & 49; Chapter 66A §2

Regulation/Rule citation: MA Code Regs 105 - 700.006 and .012; 247 - 5.01 to .04

Dr Shopper law/statute: MA Gen Laws Chapter 94C § 33

Pill Mill law/statute:

Pain Clinic law/statute:

Unauthorized Use or Disclosure: MA Code Regs 105 700.012(3); Chapter 94c Section 38

Enacted 42 CFR Part 2:

42 CFR Part 2 Details:

☐ Required Notification to consumers	☐ Data Retention Policy
☑ Mandated Use of Advisory Group	Data Retention Time:
☑ Payment method captured	☐ All Information Purged
☑ Ability to id prescriber specialty	☐ Patient Information Purged
☐ Patient consent required before PDMP data release	☐ Prescriber Information Purged
☐ Ability for users to set thresholds for alert notices	☐ Dispenser Information Purged
☐ Ability for users to do user-led alert notices	☐ Drug Information Purged
☑ Mandatory E-Prescribing (EPCS)	☑ HIPAA Covered Entity
☑ Compliance Process for Enrollment Mandates	☑ Identifiable Data to State Health Dept
☑ Compliance Process for Query Mandate	☐ Identifiable Data to local Health Dept
☐ ICD-10 Codes Collected	☐ Certified as CMS Specialized Registry
☐ Deceased Patient Field	☑ PDMP Disaster Recovery Plan
☐ Engaged in Academic Detailing	

☑ Patient ID Required to be Presented to Dispenser   ID Types Reported: Patient

   Ability to de-id data   Person Dropping Off Prescription

   Person Picking Up Prescription

☑

☑ Authority to release de-id data

De-identified data sharing conditions:

De-Identified Data Retention Details:

☑ Retain De-Identified Data

Record Retention Details:

☑ Patient Notification of Breach   ☑ Written Notification of Breach

Patient Breach Notification Method: Other

Patient Breach Notification Method Other: Mail, Telephone

E-prescribing required substances: Controlled Substances and non-controlled prescription medications

E-prescribing exemptions/waivers:

Authority to enforce PDMP mandates: Regulatory/Licensing Board, PDMP, DEA has some authority

Enrollment and Accounts

☐ Superviser Review/audit of Delegate Accounts   Number of Delegates allows:

☐ Auto Enroll with License Renewal or App

Enrollment Method:

Online enrollment

Practitioner IDs for PDMP Account:

DEA controlled substance registration number; Licensing Board number; National Provider Identifier; State controlled substance registration number

2 Factor Authentication:

2 factor authentication not offered

Criteria for Dispensers to get account to upload data

Pharmacy DEA#

Criteria for Prescriber delegates to get account:

Must provide the supervising physician

Criteria for Dispenser delegates to get account:

Must provide the supervising pharmacist

Criteria for PAs to get account:

Prescribers must have a DEA Registration number, State Board License, and a Massachusetts Controlled Substances Registration number to register

Criteria for Nurse Practitioners to get account:

Prescribers must have a DEA Registration number, State Board License, and a Massachusetts Controlled Substances Registration number to register

Criteria for other users to get account:

Requirements for Patients to get PDMP Report:

Must provide a copy of drivers license or other valid ID

Requirements for others to get PDMP Report

Criteria for Online Non-healthcare accounts:

Licensing/regulatory Board investigators, Law Enforcement investigators (federal), 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:

Law Enforcement Access Requirements: Active Investigation

☐ 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

Prescriber - Mandatory PDMP Enrollment

Effective Date(s): January 1, 2013; February 3, 2023

Details:

Prescribers must register if they write a Schedule II or III opioid or prescribing a benzodiazepine every time.

(F) Automatic Authorization to Utilize the Prescription Monitoring Program.
(1) Every practitioner except a veterinarian will automatically, in a manner and form determined by the Department, be granted authority to utilize the prescription monitoring program, as established pursuant to 105 CMR 700.012(E).
(2) If the licensure or registration of a practitioner is suspended, the Department shall suspend he practitioner's access to the prescription monitoring program.
(3) If the licensure or registration of a practitioner is voided or terminated, the Department shall terminate the practitioner's access to the prescription monitoring program

Use Mandates

Prescriber - Mandatory PDMP Use

Effective Date(s): January 1, 2013; October 14, 2022 (excludes podiatrists); February 3, 2023

Details:

Prescribers, excluding podiatrists, must look up patients each time they write a Schedule II or III opioid or when prescribing a benzodiazepine every time to the patient. A practitioner must query the PDMP prior to prescribing, to a patient for the first time, a Schedule IV or V controlled substance, as designated in guidance to be issued by the Department. Before issuing a written certification for medical marijuana, a certifying healthcare provider must query the PDMP, unless otherwise specified by the Commission, to review the qualifying patient's prescription history.

(G) Requirement to Utilize the Prescription Monitoring Program.
(1) A practitioner must utilize the prescription monitoring program:
(a) prior to prescribing a Schedule IV or V controlled substance, as designated in guidance issued by the Department pursuant
to M.G.L. c. 94C, § 24A(c), and
(b) prior to prescribing any opoid in Secheule II or III or a benzodiazepine.
(2) A practitioner is not required to utilize the prescription monitoring program prior to prescribing any controlled substances, only in the following circumstances:
(a) A practitioner providing medical, dental, podiatric, pharmaceutical, or nursing care to hospice patients;
(b) An instance in which emergency care is required and in the professional opinion of the prescriber utilization of the prescription monitoring program is likely to result in patient harm;
(c) An instance in which it is not reasonably possible to utilize the prescription monitoring program, including when the system is not operational due to temporary technological or electrical failure;
(d) A practitioner granted a waiver pursuant to 105 CMR 700.012(I); and
(e) Other exceptions as defined in guidance issued by the Department.
(H) Waiver of Requirement to Utilize the Prescription Monitoring Program.
(1) The Department may temporarily waive the requirements established in 105 CMR 700.012(G)(1) and (2) for a participant who submits a request, in a manner and form determined by the Department, if the Department determines that a waiver is appropriate based on the criteria listed in 105 CMR 700.012(H)(2).
(2) A request for a waiver of the requirements in 105 CMR 700.012(G)(1) and (2) shall include a description of the following:
(a) The participant's history of compliance with laws and regulations related to controlled substances;
(b) A substantial hardship created by a natural disaster or other emergency beyond the control of the participant;
(c) Technological limitations not reasonably within control of the participant; or
(d) Temporary technological limitations within the control of the participant that will be rectified within six months.

Training on Enrollment and Use

Prescriber - Training Required

Prescriber - Training Provided

PDMP Queries

☐ Ability to search for multiple patients in one query   Maximum number of patients in one query:

Patient Query Date Range: 1 year   Other Query Date Range:

Minimum data elements to query for healthcare user: first name, last name, exact DOB

Query by partial data elements by healthcare user: Min of first 3 characters of both the first and last name

Optional data elements to query by healthcare user:

Minimum data elements to query for non-healthcare user: first name, last name, exact DOB

Query by partial data elements by non-healthcare user: Min of first 3 characters of both the first and last name

Optional data elements to query by non-healthcare user: Law Enforcement have the ability to search by customer ID

Unsolicited Reports/Push Notifications

Frequency unsolicited alerts/reports generated: Monthly

Delivery method for unsolicited alerts/reports: Notification sent via email, System provides notification to user dashboard

Delivery method for unsolicited alerts/reports - LE: Report mailed, Report sent via email, Law Enforcement does not have direct access, so PMP works with LE via secure email

Delivery method for unsolicited alerts/reports - Boards: Report sent via email, Regulatory Boards have direct access to the MassPAT system, and reports are generated via the MassPAT system.

☐ Unsolicited alerts/reports to practitioners not enrolled in PDMP

Veterinary Policies

Data transmission frequency for Veterinarians: Daily

Criteria for veterinarian queries:

☐ Veterinarian access to owner's prescription history   ☑ Veterinary Icon on PDMP Report

☐ Reporting Specifications

Reporting Method: Electronic

Reporting Specifications:

Data Fields: PAT07 - Last Name, PAT18 - Owner's Date of Birth, PAT20 - Species Code, PAT21 - Name of Animal

Reporting Description: Veterinarians are required to report

☑ Reporting Mandate Compliance

Reporting Compliance Details: Vets are included in general compliance reporting management and SOP

Reporting Mandate Actions:

Reporting Issues: Veterinarian does not have a DEA or NPI number, Veterinarians reports non-controlled substances to PDMPguidance on how to submit ASAP information on pet meds is not sufficient to date. We see a variety of inconsistent data coming across (pets name vs own

Reporting Misc Information: Veterinarian usage of PMP is an ongoing discussion concerning access and data submission consistency

☐ Enrollment Mandate Compliance

Enrollment Description: Veterinarians are not required to enroll, nor are they exempt. If a Vet MD wants to enroll, we do not have regs to deny their enrollment

Enrollment Mandate Compliance Details:

Enrollment Mandate Criteria:

☐ Query Mandate Compliance

Query Description:

Query Mandate Compliance Details:

Query Mandate Criteria:

PDMP Effectiveness Measures

Reduction in morphine milligram equivalents (MMEs) prescribed or dispensed

Reduction in number of fatal or non-fatal overdoses

Reduction in incidence of fraudulent prescriptions

Reduction in number of benzodiazepine dosage units dispensed

Reduction in number of benzodiazepine prescriptions issued

Reduction in number of opioid dosage units dispensed

Reduction in number of opioid prescriptions issued

Reduction in number of stimulant dosage units dispensed

Reduction in number of stimulant prescriptions issued

Substance Use Disorder Activities

Tools or Resources

☑ MAT Services   Other:

☑ MOUD Services

☑ Harm Reduction Strategies

☑ Mental Health Assistance Services

☑ Employee Assistance Programs

☐ Housing Assistance Programs

☐ Re-Entry Programs

Surveillance Activities

☐ Emergency Department Data   ☐ Medical Examiner/Coroner Data

Data Sources for Surveillance Activities:

Initiated Actions

☐ Resources to Affected Areas   Other Actions:

☐ Directed Training on Prescribing

☐ Prescription Drug Tool Kits

☐ Risk Evaluation/Analysis on PDMP Reports

☐ Referrals to SUD Organizations

☐ Referrals to OFR Teams