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-52-pdf/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: 7,020,058   DEA Prescriber total: 57,009   DEA Dispenser total: 1,107

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 Typ

- ☐ # 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 Typ
- ☑ # 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 Patien   5-10%
% Out-of-State Prescribe 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

Telemedicine Prescribers/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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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

Telemedicine Prescribers/Solicited 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   ☐ Delegate access via integration
Report Generation Vendor name   In-House   ☑ SMART on FHIR apps
Data Access Method: Web Portal/On-Line   ASAP Version Utilized: 4.2A
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

Alternate data available:

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
District of Columbia	PMPi Hub
Florida	PMPi Hub
Georgia	PMPi Hub
Idaho	PMPi Hub
Illinois	PMPi Hub
Indiana	PMPi Hub
Kansas	PMPi Hub
Kentucky	RxCheck 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

PDMP operational: 1994

User access date (any method):

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:

Data collection frequency: Daily or next busin

☑ Requirement for zero-reporting

Frequency of zero-reporting: Daily

☐ 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 Dispense

☐ Data Retention Policy
Data Retention Time:
☐ 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
☐ Qualified PDMP with CMS
☑ PDMP Disaster Recovery Plan
ID Types Reported: Patient
Person Dropping Off Prescription
Person Picking Up Prescription

☑ Ability to de-id data
☑ Authority to release de-id data
De-identified data sharing conditions:

De-Identified Data Retention Details:
☑ Retain De-Identified Data

Record Retention Detai
☑ Patient Notification of Breach   ☑ Written Notification of Breach
Patient Breach Notification Method: Other
Patient Breach Notification Method Oth Mail, Telephone
E-prescribing required substan   Controlled Substances and non-controlled prescription medications
E-prescribing exemptions/waive
Authority to enforce PDMP mandat   Regulatory/Licensing Board, PDMP, DEA has some authority

Enrollment and Accounts

☐ Superviser Review/audit of Delegate Account Number of Delegates allowed:

☐ 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

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 Fil   ☐ PDMP Access without DEA Number

☐ PDMP users validated with NPI File   Validation Process for

☐ PDMP users validated with State Licensing Board users without DEA #:

Enrollment Mandates

Prescriber - Mandatory PDMP Enrollment

Statute/Regulation Citation:
105 CMR 700.003
105 CMR 700.012
94C § 7A

Use Mandates

Prescriber - Mandatory PDMP Use

Statute/Regulation Citation:
105 CMR 164.302
105 CMR 164.308
105 CMR 700.012
234 CMR 5.06
243 CMR 2.07
244 CMR 4.07
247 CMR 9.04
249 CMR 4.02
935 CMR 501.010
94C § 24A

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 Ran 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 SOF

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
- ☑ 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:

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: