Missouri

PDMP acronym: SLCPDMP
Agency Responsible: St Louis County Department of Public Health
Agency Type: Department of Health
Website: https://pdmp-stlcogis.hub.arcgis.com/
Email: PDMP.DPH@stlouisco.com
Register Website: https://missouri.pmpaware.net/
Query Website: https://missouri.pmpaware.net/
Data Upload Website: https://pmpclearinghouse.net
Statistics Website: www.stlouisco.com/PDMP
Opioid Dashboard Website: https://health.mo.gov/data/opioids/
Training Website: www.stlouisco.com/PDMP
Opioid Guidelines Website:

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>Kohne, Troy - PDMP Coordinator</td>
<td>6121 North Hanley Road</td>
<td>Berkeley, MO 63134</td>
<td>3146155842</td>
<td>3146150507</td>
<td><a href="mailto:tkohne@stlouiscountymo.gov">tkohne@stlouiscountymo.gov</a></td>
</tr>
<tr>
<td>Varner, Emily - Director, Office of Health Informatics</td>
<td>6121 North Hanley Road</td>
<td>Berkeley, MO 63134</td>
<td>3146151658</td>
<td>3146150507</td>
<td><a href="mailto:evarner@stlouiscountymo.gov">evarner@stlouiscountymo.gov</a></td>
</tr>
</tbody>
</table>

State Population and Number of Registrants

| State population: 6,186,091 | DEA Prescriber total: 29,067 | DEA Dispenser total: 1,355 |
### Data Transmitter(s)

<table>
<thead>
<tr>
<th>Department of Defense</th>
<th>Dispensing Practitioner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indian Health Services</td>
<td>Pharmacy (In-State)</td>
</tr>
<tr>
<td>Pharmacy (Mail Order In-State)</td>
<td>Tribal Pharmacy</td>
</tr>
<tr>
<td>Veterans Administration</td>
<td></td>
</tr>
</tbody>
</table>

### Substances Monitored

Schedules II - IV

### Alternate Data Sources

Naloxone/Narcan Administrations

### Available Reports

<table>
<thead>
<tr>
<th>Annual PDMP Reports</th>
<th>Clinical Alerts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispenser Reports to Law Enforcement</td>
<td>Geomapping of Prescription Data</td>
</tr>
<tr>
<td>Licensee Reports to Licensing Board</td>
<td>MME Calculations</td>
</tr>
<tr>
<td>Multiple Provider Episode Reports</td>
<td>Patient Query Lists to Law Enforcement</td>
</tr>
<tr>
<td>Patient Query Lists to Licensing Boards</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>Peer Comparison Reports</td>
<td>Prescriber Report Cards</td>
</tr>
<tr>
<td>Prescriber Reports to Law Enforcement</td>
<td>Registrant Query Lists to Law Enforcement</td>
</tr>
<tr>
<td>Registrant Query Lists to Licensing Boards</td>
<td>Registrant Reports to Prescribers</td>
</tr>
<tr>
<td>Statewide Statistics</td>
<td></td>
</tr>
</tbody>
</table>
Statistical Capabilities

Data Analysis Resources Available:

- # of Unique Requestors for Unsolicited Reports
- # of Unique Requestors for Solicited Reports
- # of Unsolicited Patient Reports
- # of Solicited Patient Reports
- # of Unsolicited Dispenser Reports
- # of Solicited Dispenser Reports
- # of Unsolicited Prescriber Reports
- # of Solicited Prescriber Reports
- # of Registrants in SDTC by Practice/License Type
- # of Registrants in SDTC
- # of Authorized PDMP Users Enrolled
- Statistics Filtered by Geographic Location
- Statistics Filtered by Gender Identification
- Statistics Filtered by Ethnicity or Race
- Statistics Filtered by Age or Age Range
- # of Data Errors by Error Type
- # of Data Errors Corrected
- # of At-Risk Patients by Risk Factor
- Risk Factor Statistics by Time Frame
- # of Dosage Units Dispensed
- # of Dosage Units Dispensed by CS Schedule
- # of Dosage Units Dispensed 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 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 for Unsol. Reports
- # of Unique Recipients by Recipient Type (unsol. reports)
- # of Unsol. Patient Reports
- # of Unique Requestors for Solicited Reports
- # of Unique Requestors for Unsol. Reports
- # of Unique Recipients by Recipient Type (unsol. reports)
- # of Unsol. Patient Reports
- % Out-of-State Patients: <5%
- % Out-of-State Prescribers: <5%
- Data Analysis Resources Available:
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 - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Law Enforcement - Federal/Solicited In-State
Law Enforcement - Federal/Solicited Out-of-State
Law Enforcement - Federal/Unsolicited In-State
Law Enforcement - Local/Solicited In-State
Law Enforcement - Local/Solicited Out-of-State
Law Enforcement - Local/Unsolicited In-State
Law Enforcement - State/Solicited In-State
Law Enforcement - State/Solicited Out-of-State
Law Enforcement - State/Unsolicited In-State
Medicaid Drug Utilization and Review/Solicited In-State
Medicaid Fraud and Abuse/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
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
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
Prosecutors/Unsolicited In-State
Regulatory and Licensing Boards/Solicited In-State
Regulatory and Licensing Boards/Solicited Out-of-State
Regulatory and Licensing Boards/Unsolicited 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 - Pharmacists/Solicited In-State
Dispensers - Pharmacists/Solicited Out-of-State
Law Enforcement - Federal/Solicited In-State
Law Enforcement - Federal/Solicited Out-of-State
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Medical Residents/Solicited Out-of-State
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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
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
Regulatory and Licensing Boards/Solicited In-State
Regulatory and Licensing Boards/Solicited Out-of-State
## Budget

<table>
<thead>
<tr>
<th>Total Annual Budget:</th>
<th>$700,000.00</th>
<th>PDMP Staff:</th>
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<tr>
<td># of Employees - Operational:</td>
<td>1</td>
<td># of Employees - Other:</td>
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<tr>
<td># of Employees - Technical:</td>
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<td></td>
<td></td>
</tr>
<tr>
<td># of Employees - Analytical:</td>
<td>.5</td>
<td></td>
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</tr>
</tbody>
</table>

## Funding Source(s)

- CDC Grant

## Technologies

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

- **ASAP Version Utilized:** 4.2
- **State HIE in place**
- **VHA VISTA integration**
- **HL7 FHIR connectivity**
- **Access to patient matching algorithms**

## Patient Matching

- **Referential Matching**
- **Deterministic Matching**
- **Manual Matching**
- **Other Matching**
- **Exact Matching**
- **Probabilistic Matching**
- **Probabilistic and Manual Matching**

**Patient Matching Metrics Available:**

**Patient matching data elements:**

## Integration(s) Available

### Integration Standards:

<table>
<thead>
<tr>
<th>Integration Type</th>
<th>% Providers</th>
<th>Hub Used</th>
<th>Paid by Fed Gov't</th>
<th>Paid by State Gov't</th>
<th>Paid by Facility</th>
<th>Paid by Provider</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EHR Integration</strong></td>
<td>0-24%</td>
<td>PMPi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Downloaded/Stored</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Incorporated with Interstate Data</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Integration Type</th>
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<th>Paid by State Gov't</th>
<th>Paid by Facility</th>
<th>Paid by Provider</th>
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</thead>
<tbody>
<tr>
<td><strong>HIE Integration</strong></td>
<td>0-24%</td>
<td>PMPi</td>
<td></td>
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<tr>
<td><strong>Data Downloaded/Stored</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Data Incorporated with Interstate Data</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Integration Type</td>
<td>% Providers</td>
<td>Hub Used</td>
<td>Paid by Fed Gov't</td>
<td>Paid by State Gov't</td>
<td>Paid by Facility</td>
<td>Paid by Provider</td>
</tr>
<tr>
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<td>-----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>PDS Integration</td>
<td>0-24%</td>
<td>PMPi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Integration Standards:
<table>
<thead>
<tr>
<th>State</th>
<th>Partner Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Arkansas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Colorado</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Delaware</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Florida</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Illinois</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Indiana</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Iowa</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Kansas</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Kentucky</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Michigan</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>North Carolina</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Ohio</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>South Carolina</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Tennessee</td>
<td>PMPi Hub</td>
</tr>
<tr>
<td>Texas</td>
<td>PMPi Hub</td>
</tr>
</tbody>
</table>
PDMP Policies

Enabling legislation enacted: 2016
PDMP operational: 2017
User access date (any method): 2017
User electronic access date: 2017
Date received electronic data: 2017
Interstate sharing start date: 2018
Law/Statute citation: https://library.municode.com/mo/st_louis_county/codes/code_of_ordinances?nodeId=TI
Regulation/Rule citation:
Pill Mill law/statute:
Pain Clinic law/statute:
Unauthorized Use or Disclosure:
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:
☐ 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
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: Mail
Patient Breach Notification Method Other:
E-prescribing required substances: Controlled Substances
Authority to enforce PDMP mandates:
### Enrollment and Accounts

- Supervisor Review/audit of Delegate Accounts
- Number of Delegates allows:

#### Enrollment Method:
- Practitioner IDs for PDMP Account:

#### 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:

To request dispensation information, contact PDMP.DPH@stlouisco.com or 314-615-0522 to make an appointment and complete the Authorization to Release Protected Health Information (PHI) Form. Requests must be made in-person at the address below. Requestors

#### Requirements for others to get PDMP Report

- Criteria for Online Non-healthcare accounts:
- Licensing/regulatory Board investigators, Law Enforcement investigators (federal, state, and local)

#### 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:

- Court Order/Approval

#### PDMP Access without DEA Number

- Validation Process for users without DEA #:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Validation Process</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDMP users validated with DEA Registration File</td>
<td></td>
</tr>
<tr>
<td>PDMP users validated with NPI File</td>
<td></td>
</tr>
<tr>
<td>PDMP users validated with State Licensing Board File</td>
<td></td>
</tr>
</tbody>
</table>
Enrollment Mandates

Dispenser - Mandatory PDMP Enrollment
Prescriber - Mandatory PDMP Enrollment

Effective Date(s): 12-31-2021; 7-3-2023

Details:

9 CSR 30-3.132. Opioid Treatment Programs
(2) Medication Administration, Dispensing, and Use. OTPs shall only utilize medications approved by the FDA for the treatment of opioid use disorder.
(C) If a prescription drug monitoring program (PDMP) is available, the program physician and other staff, as permitted, shall register and utilize the PDMP in accordance with federal, state, and local regulations. Policies and procedures shall be maintained regarding use of the PDMP information for diversion control planning.

MO 1 CSR 60-1.010 (2023)
(1) As used in this section, the following terms shall mean—
(A) "Prescriber," a licensed health care professional with controlled substance authority per section 195.070, RSMo;
(B) "Dispenser," as defined in section 195.600.1(2), RSMo; and
(C) "Other Health Care Provider" or "Delegate," a health care professional licensed, accredited, or certified by the state of Missouri acting under the supervision of a prescriber or dispenser, employed by, or under the same professional practice as the prescriber or dispenser.
(2) Prescribers and dispensers include the following:
(A) Advanced Practice Registered Nurse;
(B) Assistant Physician;
(C) Dentist;
(D) Optometrist;
(E) Pharmacist;
(F) Physician;
(G) Physician Assistant; and
(H) Podiatrist.
(3) Other health care providers or delegates include the following:
(A) Clinical Nurse Specialist;
(B) Dental Hygienist;
(C) Licensed Practical Nurse;
(D) Medical Assistant;
(E) Medical Intern;
(F) Medical Resident;
(G) Pharmacy Intern;
(H) Pharmacy Technician; and
(I) Registered Nurse.
(4) Each dispenser required by section 195.600.5, RSMo, to submit dispensation information for Schedules II, III, and IV controlled substances shall register with the PDMP.
(5) All prescribers may register with the PDMP.
(6) Registration is to be completed by following the process provided by the Joint Oversight Task Force for Prescription Drug Monitoring.
(7) Prescribers and dispensers with approved access to the PDMP may authorize other health care providers or delegates to utilize their access to the PDMP.
(8) Prescribers, dispensers, and delegates with access to the PDMP shall follow all applicable state and federal laws, including but not limited to the Health Insurance Portability and Accountability Act (HIPAA) as provided for under section 195.600.7(1), RSMo, and the Health Information Technology for Economic and Clinical Health Act (HITECH).
Use Mandates

Prescriber - Mandatory PDMP Use

Effective Date(s): 12-31-2021

Details:

9 CSR 30-3.132. Opioid Treatment Programs
(2) Medication Administration, Dispensing, and Use. OTPs shall only utilize medications approved by the FDA for the treatment of opioid use disorder.
(C) If a prescription drug monitoring program (PDMP) is available, the program physician and other staff, as permitted, shall register and utilize the PDMP in accordance with federal, state, and local regulations. Policies and procedures shall be maintained regarding use of the PDMP information for diversion control planning.
Training on Enrollment and Use

Prescriber - Training Provided
Dispenser - Training Provided

PDMP Queries

- Ability to search for multiple patients in one query
- Patient Query Date Range: 2 years
- Maximum number of patients in one query:
- Other Query Date Range:
- First Name, Last Name, Date of Birth, Date Range
- Minimum data elements to query for healthcare user:
- Query by partial data elements by healthcare user:
- Optional data elements to query by healthcare user:
- 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:
- Delivery method for unsolicited alerts/reports:
- Delivery method for unsolicited alerts/reports - LE:
- 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  ☐ 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:
Reporting Misc Information:

☐ Enrollment Mandate Compliance
Enrollment Description: Veterinarians are exempted from enrollment as data requesters
Enrollment Mandate Compliance Details:
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