



# The Role of Prescription Drug Monitoring Programs as Part of Improved Patient Care

Drug overdose deaths and opioid-involved deaths continue to increase in the United States. The majority of drug overdose deaths (more than six out of ten) involve an opioid.<sup>1</sup> Since 1999, the number of overdose deaths involving opioids (including prescription opioids and heroin) has quadrupled.<sup>2</sup> From 2000 to 2015, more than half a million people died from drug overdoses. Every day, 91 Americans die from an opioid overdose.

We now know that overdoses from prescription opioids are a driving factor in the 15-year increase in opioid overdose deaths. Since 1999, the amount of prescription opioids sold in the U.S. nearly quadrupled,<sup>2</sup> yet there has not been an overall change in the amount of pain that Americans report.<sup>3,4</sup> Deaths from prescription opioids—drugs like oxycodone, hydrocodone, and methadone—have more than quadrupled since 1999.<sup>5</sup>

## A Growing Problem

*“I am asking for your help to solve an urgent health crisis facing America: the opioid epidemic. Everywhere I travel, I see communities devastated by opioid overdoses.”* United States Surgeon General Vivek H. Murthy, M.D., M.B.A.

## WHAT SHOULD I CONSIDER WHEN PRESCRIBING OPIOIDS?



High Dosage



Multiple Providers



Drug Interactions

## The Role of Prescription Drug Monitoring Programs (PDMPs)

- PDMPs collect data from pharmacies on controlled substance prescriptions that have been dispensed and make it available to authorized users by means of a secure, electronically-accessible database.<sup>6</sup>
- Research demonstrates that PDMPs serve an essential function in combating prescription drug abuse.<sup>7,8,9,10,11</sup>
- PDMPs improve patient safety by allowing clinicians to identify patients who are obtaining opioids from multiple providers, calculate the total amount of opioids prescribed (MME), and identify patients who are being prescribed other substances that may increase the risk of opioid or adverse drug reactions.<sup>12</sup>



## How to Register

- Visit [missouri.pmpaware.net](http://missouri.pmpaware.net)
- Create an account using your name, DEA number, and NPI
- Upload your professional license as a validation document
- Verify your current e-mail address
- Review 'Quick Links' on [stlouisco.com/pdmp](http://stlouisco.com/pdmp)

## References

1. Rudd RA, Seth P, David F, Scholl L. Increases in Drug and Opioid-Involved Overdose Deaths — United States, 2010–2015. *MMWR Morb Mortal Wkly Rep.* ePub: 16 December 2016.
2. CDC. Wide-ranging online data for epidemiologic research (WONDER). Atlanta, GA: CDC, National Center for Health Statistics; 2016.
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4. Daubresse M, Chang H, Yu Y, Viswanathan S, et al. Ambulatory diagnosis and treatment of nonmalignant pain in the United States, 2000 – 2010. *Medical Care* 2013; 51(10): 870-878.
5. CDC. Wide-ranging online data for epidemiologic research (WONDER). Atlanta, GA: CDC, National Center for Health Statistics; 2016.
6. BJA. Briefing on PDMP Effectiveness. Waltham, MA: BJA, PDMP Center for Excellence at Brandeis University; 2014.
7. Wang, J. and Christo, P.J. The influence of prescription monitoring programs on chronic pain management. *Pain Physician*, 2009.
8. Morgan, L., Weaver, M., Sayeed, Z., Orr, R. The use of prescription monitoring programs to reduce opioid diversion and improve patient safety. *Journal of Pain & Palliative Care Pharmacology*, 2012.
9. Worley, J. Prescription drug monitoring programs, a response to doctor shopping: purpose, effectiveness, and directions for future research. *Issues in Mental Health Nursing*, 2012, 33:319-328.
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11. Darves, B. "Tracking Rx Misuse: State Programs Making Gains," *iHealthBeat*, September, 2012.
12. CDC. Prescription Drug Monitoring Programs (PDMPs). Atlanta, GA: CDC.





# ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

## REGISTRATION IS OPEN!

To register, visit [missouri.pmpaware.net](https://missouri.pmpaware.net).

### PDMP Registration

Users must create an account and upload validation documentation. Validation documentation requirements vary by user role, and users will be asked to upload one of the following:

- state professional license,
- employer-issued ID, or
- employment verification letter.

The PDMP will be fully operational on April 25, 2017. Before April 25, 2017, users will be able to review their user profile and dashboard.

### PDMP Resources

Visit [www.stlouisco.com/HealthandWellness/PDMP](http://www.stlouisco.com/HealthandWellness/PDMP) for:

- Registration Guide
- Registration Tutorial
- User Tutorial
- Additional Information

Please contact AWARe/Appriss Technical Support at 1-844-947-8526 with any questions or concerns about navigating the system. Technical Support is available 24 hours a day, 7 days a week.

Please contact the St. Louis County PDMP Coordinator at [PDMP.DPH@stlouisco.com](mailto:PDMP.DPH@stlouisco.com) or 314-615-0522 with any questions.



## ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

- To **register**, visit: [missouri.pmpaware.net](http://missouri.pmpaware.net).
  - Upload validation documentation.  
Requirements vary by user type but will be one of the following:
    - State Professional License,
    - Employer-issued ID, or
    - Employment Verification Letter.
- To **delegate access** to the PDMP, Supervisors and Delegates must register with the PDMP.
  - Supervisors must approve Delegates.
  - Delegates should review 'Delegate Access' information on [stlouisco.com/pdmp](http://stlouisco.com/pdmp).
- Review 'Quick Links' on [missouri.pmpaware.net](http://missouri.pmpaware.net).
- PDMP launches **April 25, 2017!**



## ST. LOUIS COUNTY PRESCRIPTION DRUG MONITORING PROGRAM

- To **login**, visit: [missouri.pmpaware.net](https://missouri.pmpaware.net).
- To review **Patient Rx** history click 'RxSearch-Patient Request.'
  - Search by patient name and date of birth.
  - NOTE: *Some* patient Rx history is available before April 10,2017.
- Review Patient Rx record
  - Review 'Suspected Prescriber/Pharmacy Shopper' alert, if applicable.
  - View patient's Prescriptions, Prescribers, Dispensers history.
  - Utilize 'Quick Links' for prescribing, referrals, and treatment information
- To **manage delegates**, visit 'User Profile-Delegate Management.'
- Questions? [stlouisco.com/pdmp](https://stlouisco.com/pdmp)

## Log In

Email

Password

[Reset Password](#)

Login

[Create an Account](#)

This tutorial walks you through how to **Register for access to PMP AWA<sub>R</sub>x<sub>E</sub>**.

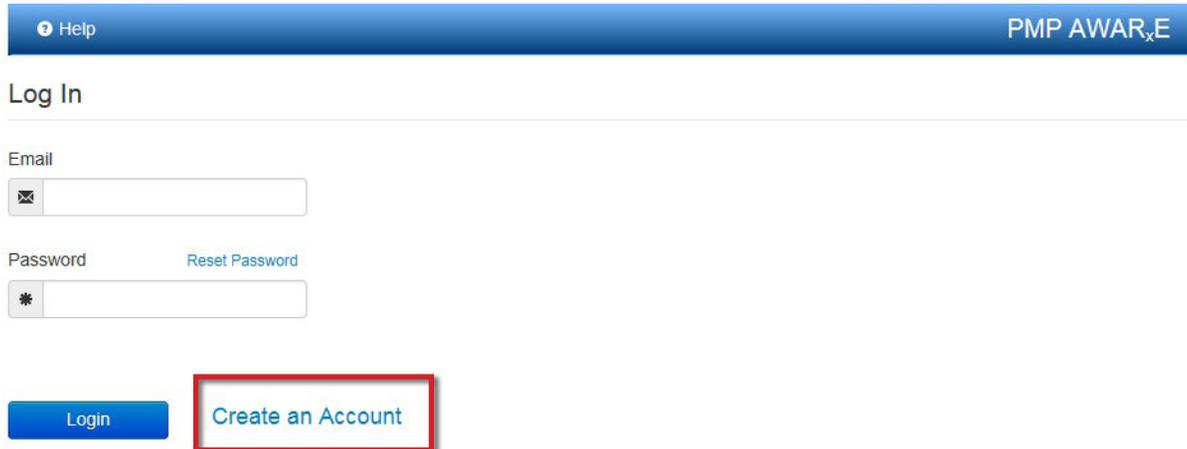
### Learn

- How to create an account
- About Role Selection and the Registration Form
- How Delegate registration and approval works

To register visit:

**[missouri.pmpaware.net](https://missouri.pmpaware.net)**

Figure 2.1



Help PMP AWARxE

Log In

Email

Password [Reset Password](#)

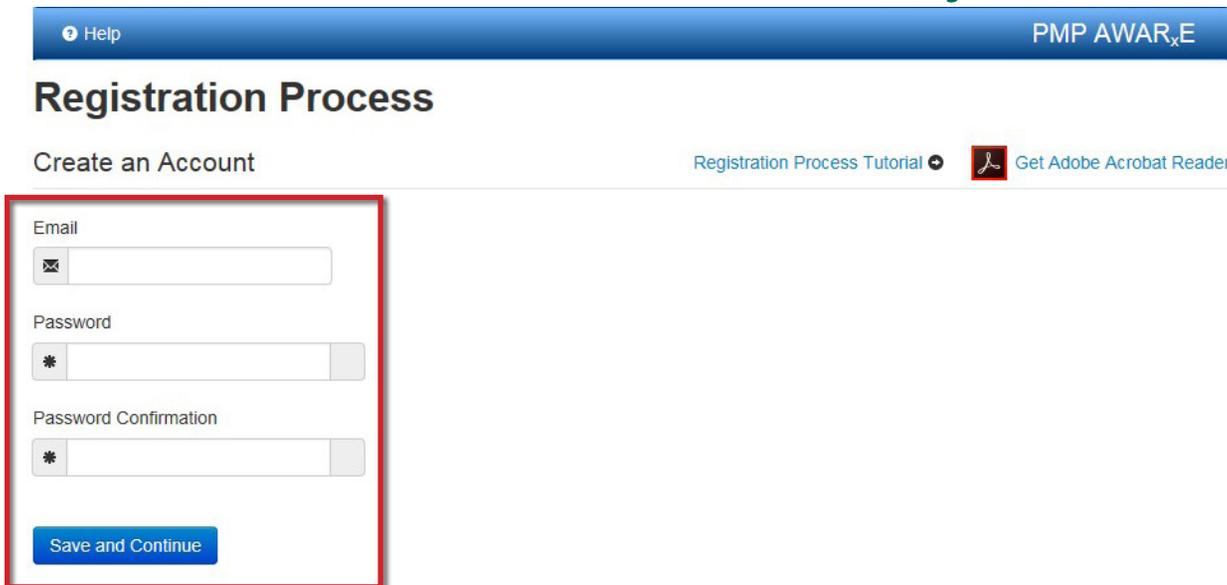
Login **Create an Account**

## How to create an account

1. Select *Create an Account* from the main login screen. **Figure 2.1**
2. You will be prompted to enter an email address and create a password. **Figure 2.2**
  - The email address you enter will be used as your login ID and as the primary email address for your account.
  - Password requires a minimum of 8 characters and must include one uppercase, one lowercase, and one symbol.

Click *Save and Continue* to create your account credentials and move on to the Role Selection screen.

Figure 2.2



Help PMP AWARxE

## Registration Process

Create an Account [Registration Process Tutorial](#)  [Get Adobe Acrobat Reader](#)

Email

Password

Password Confirmation

**Save and Continue**

## Registration Process

Select your User Roles

Registration Process Tutorial  Get Adobe Acrobat Reader

### ▼ Healthcare Professional

- Physician (MD, DO)
- Dentist
- Nurse Practitioner / Clinical Nurse Specialist
- Midwife with Prescriptive Authority
- Physician Assistant
- Podiatrist (DPM)
- Optometrist
- Pharmacist
- Pharmacist's Delegate - Unlicensed
- Pharmacist's Delegate - Licensed
- Prescriber Delegate - Unlicensed
- Prescriber Delegate - Licensed

### ▼ Law Enforcement

- ATF
- Corrections
- DEA
- Drug Court
- FBI
- FDA
- HHS
- Homeland Security
- Local
- Medicaid Fraud Units
- Military Police
- Multijurisdictional Task Force
- OIG
- Parole
- Probation
- State Attorney General
- State Criminal Justice Department
- State Drug Control Agent
- State Police
- State Prosecutor (District or Commonwealth Attorney)
- US Attorney
- VA Investigator

### ▼ Other

- State Medicaid Program
- Board of Medicine Investigator
- Board of Pharmacy Investigator
- Board of Nursing Investigator
- Board of Podiatry Investigator
- Board of Dentistry Investigator
- Board of Optometry Investigator

Save and Continue

## About Role Selection & the Registry Form

Select your role from a predefined, categorized list. There are three primary categories:

- Healthcare Professionals  
*Full access*
- Law Enforcement  
*Restricted/Limited access*
- Other  
*Restricted/Limited access*

1. Click the Category Name to expand it and see the roles.
2. Select only one, then click *Save and Continue*.

## Email Verification

When you arrive at the Registration Form, you will see a green banner message that says, "A link to verify your email address has been sent."

Go to your email account. Open the welcome email from your PMP and click the link that says, "**Verify your email.**" It should open the login screen and show a message that says, "Your email has been verified." That completes email verification. You can go back to your Registration Form and finish registering.

## Registration Process

Create an Account

[Registration Process Tutorial](#)

All fields with an asterisk (\*) are required.

### Personal

DEA Number(s) \*

A95024144 [+ Add](#)

DEA Numbers Added

A95024144 [AutoFill Form](#)

Controlled Substance ID \*

Professional License Number \*

License Type \*

ADM

First Name \*

Middle Name

Last Name \*

Date of Birth \*

Add a Healthcare Specialty

[Browse all Specialties](#)

Search by keyword (i.e. Allergy, Internal, Sports, Clinical, etc)

Your Specialties (Primary 1st)

Allopathic & Osteopathic Physicians  
Internal Medicine - Addiction Medicine

Allopathic & Osteopathic Physicians  
Allergy & Immunology - Clinical & Laboratory Immunology

### Employer

DEA Number \*

[AutoFill Form](#)

Name \*

Address \*

## The Registration Form: Personal & Employer Information

Enter your Personal and Employer information. Required fields vary depending on the role you chose.

- Red asterisks indicate required fields.
- Healthcare Specialty is the official Healthcare Taxonomy Code description.
- You can add multiple DEA numbers, if necessary.

## AutoFill Buttons

You can populate the form with information from the DEA number you entered by clicking the *AutoFill Form* button.

When you complete all required fields on the Registration Form, click *Submit Your Registration*.

## Employer

National Provider ID

National Provider IDs Added

Agency

Name \*

Address \*

Address Line 2

City \*

State \*

Zip Code \*

Phone \*

Fax

## Delegate

I am a delegate for...

...the following people

email:

 Paul Forst  forst12@specialist.com	<b>Appriss</b> P: 502-444-4343 F: 10401 Linn Station Rd, ; Louisville, KY 40223
 Neal A Lehman  nalehman@louisvilledoctor.com	<b>Appriss Inc</b> P: 5025551212 F: 10401 Linn Station Road, Suite 200; Louisville, KY 40223

## Delegate Registration

If you choose a delegate role, you will only have access to make patient requests on behalf of the supervisory prescriber or dispenser who authorizes you to request reports on their behalf.

You will have an additional Delegate section on the Registration Form.

**IMPORTANT:** Your supervisor must be registered and approved before you can register as their delegate. If you select a delegate role, you must specify the supervisor for whom you make requests. In the Delegate section, add each supervisor by the email address each used to register. Then click, *Submit Your Registration* to continue.

[Help](#)
[Log Out](#)
PMP AWAR<sub>x</sub>E

**Your Registration is Not Complete**

## Welcome

[Registration Process Tutorial](#)

[Get Adobe Acrobat Reader](#)

Based on the User Roles you've chosen, you may be required to submit additional documentation. You will receive an email with instructions and the necessary forms to be submitted. Once all validation documents are met, your registration will be reviewed for approval. Watch your email or log in for status updates.

## Your User Roles

Healthcare Professional	Validation Documents Required	Documentation Received
Physician (MD, DO)	<a href="#">licensed_healthcare_letter_04042017.pdf</a>	<b>Fill out the required form and upload it</b>

## Upload validation documents

Physician (MD, DO)



### Check for Validation Requirements

**Account Status** - appears in the upper right corner

- **Not Complete:** Means further documentation is required. Check the validation requirements in 'Your User Roles' section. Information on required documentation will be provided.

### Validation Requirements

Each user must upload validation documentation as part of the registration process. Validation documentation requirements vary by role type.

These requirements are displayed under 'Your User Roles' including links to necessary forms. You will also receive an email with instructions.

**“Fill out the required form and upload it” is a standard message within the system. You must upload the appropriate validation documentation as outlined in the 'Validation Documents Required' file; there is no form to fill out.**

[Home](#)
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PMP AWAR<sub>x</sub>E

[Home](#)
[Dashboard](#)
[PMP Announcements](#)
[Quick Links](#)

## My Dashboard

### Recent Requests

No Requests found.

### Supervisors

Supervisor Name	Active	Status	Request Date
John Doe	true	approved	01/23/2017

### PMP Announcements

No Announcements Available.

### Quick Links

[PDMP Website](#)

## How Delegate Approval Works

Your supervisor must approve you as their delegate to run reports on their behalf before the St. Louis County PDMP Administrator will approve your account.

When you log in, your delegate status appears on the dashboard under Supervisors. Your status will be "pending" until your supervisor approve your access. If your supervisor has already approved you, the status will be "approved."

**Your Account is Pending Approval**

## Welcome

[Registration Process Tutorial](#)  [Get Adobe Acrobat Reader](#)

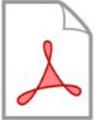
Based on the User Roles you've chosen, you may be required to submit additional documentation. You will receive an email with instructions and the necessary forms to be submitted. Once all validation documents are met, your registration will be reviewed for approval. Watch your email or log in for status updates.

## Your User Roles

Healthcare Professional	Validation Documents Required	Documentation Received
Physician (MD, DO)	<a href="#">licensed_healthcare_letter_04042017.pdf</a>	Documents Uploaded 

## Upload validation documents

**Physician (MD, DO)**



[state\\_license.pdf](#), 79.3 KB  
Uploaded 32 seconds ago

 Delete

## Registration Complete - Pending Approval

Once all documentation requirements are met, the account status will change to a 'Pending Approval' status until the St. Louis County PDMP Administrator approves the account. You will receive an email stating that your account is active. At that time, use your email and password created during this process to log in and begin using PMP AWARxE.