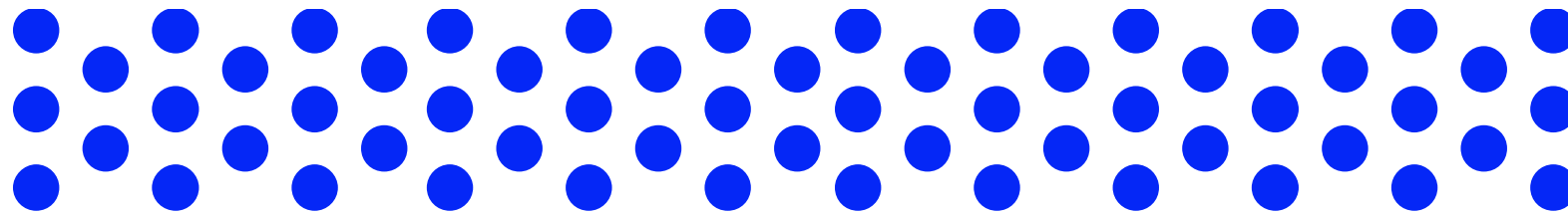


# Innovations in Prescription Drug Monitoring Programs

## Nebraska's Approach



Kevin C. Borchert, PharmD  
PDMP Program Director  
NEHII, Inc.

Harold Rogers Prescription Drug Monitoring  
Program National Meeting  
June 26, 2019

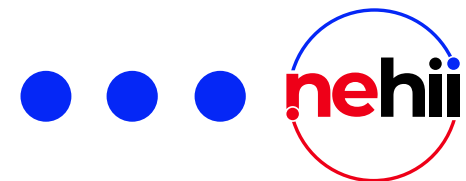


# Nebraska PDMP Legislative Summary

- **LB 471 (2016)**
  - Prevents opting out
  - Allow prescribers and dispensers to access the system at no cost
  - Designee [e.g., pharmacy technician] may act as an agent when authorized by dispenser [pharmacist] to submit or access PDMP data
  - Report all dispensed controlled substance prescriptions by January 1, 2017
  - Report ALL dispensed prescriptions by January 1, 2018

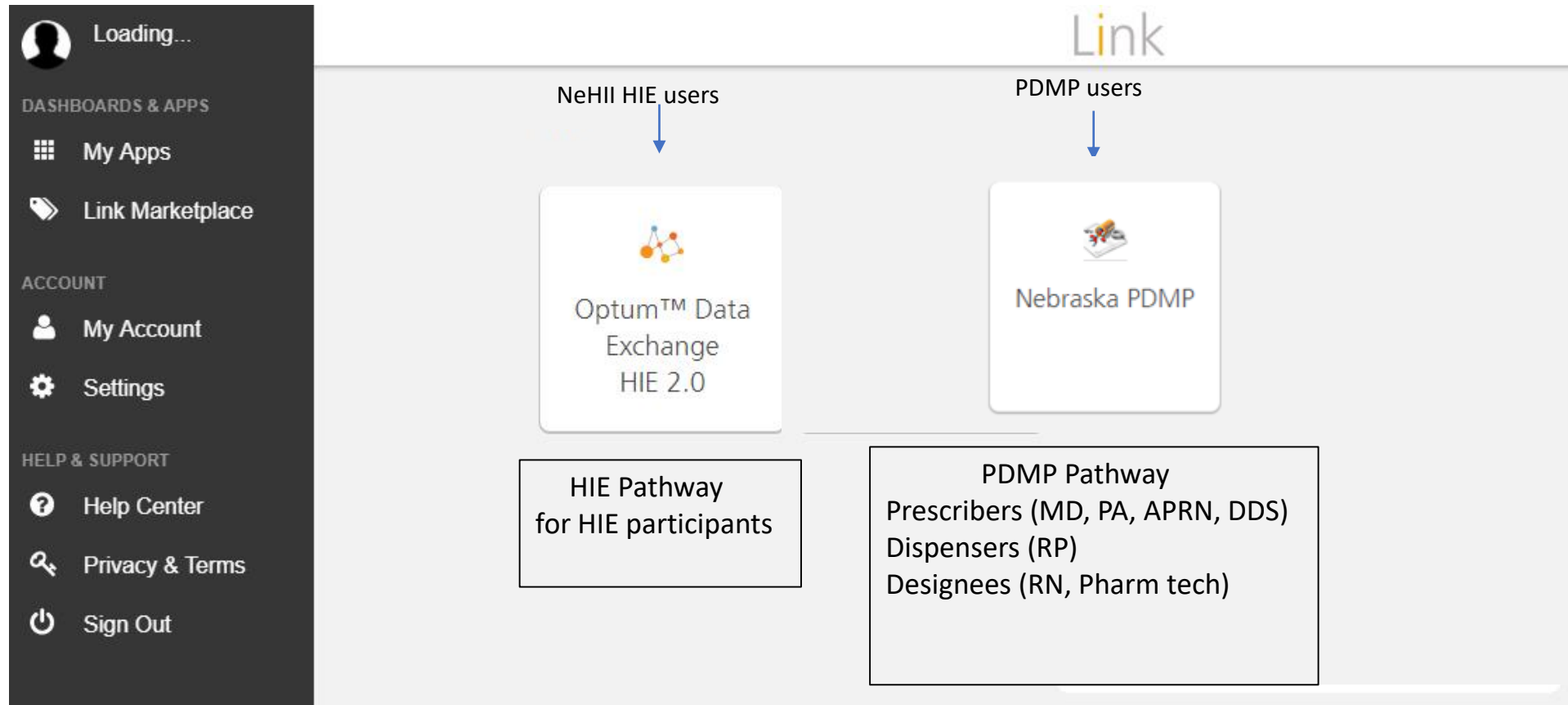
# Nebraska PDMP Legislative Summary

- **LB 556 (2019)**
  - Interstate data sharing
  - Workflow integration
  - Improved data quality and use
  - Medicaid access
- Neb. Rev. Stat § § 71-2454 through 71-2455
- Neb. Rev. Stat § 84-712.05(19)
- Supports SUPPORT Act
  - Medicaid PARTNERSHIP Act
  - Qualified PDMP



# Who Can Access?

Website url: [www.nehii.org](http://www.nehii.org)



# Improved Name Search

Medication History

Enter Patient Information Need help? Call us at (866) 263-6512

Last Name\*  First Name\*  DOB  Gender  City  Zip Code

Cross Search Names  Add Alias to Search  Include Unknown  Include Unknown

First Name Alias

Allows a second name or nickname to be searched (e.g., Richard and Dick, Robert and Bob)

Patient Search Results

6 patient records found.  
Select up to 15 patient records for viewing medication history.

Name	DOB	Gender	Species	Address	City	Zip	Phone	
Wayne, Anthony	08/15/1972	M		1 Wayne Manor	Gotham	68111	(111) 112-3355	<input type="button" value="+ Add"/>
Wayne, Bruce	08/15/1972	M		1 Wayne Manor	Gotham	68111	(111) 112-3355	<input type="button" value="+ Add"/>
Wayne, Bruce (dog)	08/15/1972	M		1 Wayne Manor	Gotham	68111	(111) 112-3355	<input type="button" value="+ Add"/>
Wayne, Bryce	08/15/1972	M		1 Wayne Manor	Gotham	68111	(111) 112-3355	<input type="button" value="+ Add"/>
Bruce Wayne	08/15/1972	M		12 Hickory Lane	Smallville	66605	(111) 112-3355	<input type="button" value="+ Add"/>
	08/15/1972	M		1 Wayne Manor	Gotham	68111	(111) 112-3355	<input type="button" value="+ Add"/>

**Selected Patients 0**

No patients are selected

**Disclaimer:** You are selecting one or more patient records to combine together into a single patient query. Please note any selection of multiple patient records and use of query results are at the discretion of the user. Selections may or may not include all aliases for a particular patient.

- 1 Wayne, Anthony 08/15/1972, M, 1 Wayne Manor, Gotham, 68111, 1111123355
- 2 Wayne, Bruce 08/15/1972, M, 1 Wayne Manor, Gotham, 68111, 1111123355
- 3 Wayne, Bruce (dog) 08/15/1972, M, 1 Wayne Manor, Gotham, 68111, 1111123355
- 4 Wayne, Bryce 08/15/1972, M, 1 Wayne Manor, Gotham, 68111, 1111123355
- 5 Bruce, Wayne 08/15/1972, M, 12 Hickory Lane, Smallville, 66605, 1111123355
- 6 Bruce, Wayne 08/15/1972, M, 1 Wayne Manor, Gotham, 68111, 1111123355

Patient Note: Patient known to provide fictitious information

Save Patient List to Dashboard    Modify Patient Selections    Hide Patient Notes

DISPLAY    Last 6 Months    Controlled and Non-Controlled

View/Print PDF    Download PDF

## Clinical Patient Safety Alerts

**66.04**  
 MME Assessment  
\* 30 day average

**8**  
 Multiple Provider Episodes  
\* Last 6 Months

**Overlapping Prescriptions**  
\* Last 45 Days

**6**  
 Risk Score  
Max Score = 7

### Controlled Substances

Patient	Fill Date	Sold Date	Drug	Qty	Days	Refills	Prescriber	Pharmacy	Payment
2	05/04/2019		alprazolam (Xanax XR) 1 mg tablet extended release 24 hr	90	30	0	Welby, Marcus	Kevin s Pharmacy PH#: 4025599992	Commercial Insurance
2	05/03/2019	05/05/2019	alprazolam (Xanax) 1 mg tablet	90	30	5	Howser, Doogie	Hometown Pharmacy PH#: 4025599992	Commercial Insurance
6	05/02/2019		hydrocodone-acetaminophen (Vicodin ES) 7.5-300 mg tablet	100	10	0	Howser, Doogie	Test Pharmacy PH#: 4025599999	Commercial Insurance
2	05/01/2019	05/02/2019	alprazolam (Xanax XR) 3 mg tablet extended release 24 hr	90	30	0	McCoy, Leonard	Out Of Town Pharmacy PH#: 7125599932	Private Pay
2	05/01/2019	05/04/2019	hydrocodone-acetaminophen (Vicodin) 5-300 mg tablet	180	30	0	House, Gregory	Hometown Pharmacy PH#: 4025599992	Private Pay
5	05/01/2019	05/01/2019	morphine (morphine) 30 mg tablet	17	17	0	Potter, Sherman T	Test Pharmacy PH#: 4025599999	Commercial Insurance
2	05/01/2019	05/01/2019	oxycodone (oxycodone) 10 mg tablet	50	8	0	Crusher, Beverly	Kevin s Pharmacy PH#: 4025599992	Private Pay
2	04/24/2019	04/24/2019	morphine (morphine) 30 mg tablet extended release	14	14	0	Pierce, Hawkeye	Out Of Town Pharmacy PH#: 7125599932	Commercial Insurance

### Non-Controlled Substances

Patient	Fill Date	Sold Date	Drug	Qty	Days	Refills	Prescriber	Pharmacy	Payment
2	05/04/2019	05/04/2019	warfarin (warfarin) 5 mg tablet	10	5	0	Pierce, Hawkeye	Out Of Town Pharmacy PH#: 7125599932	Commercial Insurance
2	05/02/2019	05/03/2019	ciprofloxacin HCl (ciprofloxacin HCl) 500 mg tablet	10	10	0	Rong-Bones, S.T.	Kevin s Pharmacy PH#: 4025599992	Commercial Insurance
2	05/02/2019		simvastatin (simvastatin) 40 mg tablet	60	30	6	Crusher, Beverly	Kevin s Pharmacy PH#: 4025599992	Commercial Insurance
2	05/01/2019	05/02/2019	enalapril maleate (enalapril maleate) 10 mg tablet	30	30	0	House, Gregory	Big Box Pharmacy PH#: 4025599942	Commercial Insurance
2	05/01/2019	05/01/2019	esomeprazole magnesium (Nexium) 40 mg capsule, delayed release (DR/EC)	30	30	0	Howser, Doogie	Hometown Pharmacy PH#: 4025599992	Commercial Insurance
4	05/01/2019	05/01/2019	omeprazole (omeprazole) 20 mg tablet, delayed release (DR/EC)	30	30	0	House, Gregory	Hometown Pharmacy PH#: 4025599992	Commercial Insurance

# Nebraska Pain Management Guidance Document



## More Info for MME

Morphine milligram equivalent (MME) is the amount of morphine an opioid dose is equal to when prescribed, often it is used as a gauge of the abuse or overdose potential of the amount of opioid that is being given at a particular time.

For additional information please visit the *Nebraska Pain Management Guidance Document: A Provider and Community Resource*, [Introduction](#) Section. The Guidance Document also contains helpful information regarding [Tapering](#), Treating [Acute](#) and [Chronic Pain](#), and [Difficult Conversations](#) with patients.

The CDC has developed a [CDC Opioid Guideline App](#) for free download that can help with MME calculations.

## Nebraska Pain Management Guidance Document

A Provider and Community Resource



Developed by the Department of Health and Human Services in collaboration with an expert advisory task force, actively practicing providers, and senior state officials. Written for Clinicians who are helping people live better lives.

[www.dhhs.ne.gov/PDMP](http://www.dhhs.ne.gov/PDMP)

1<sup>st</sup> Edition, October 2017

"Helping People Live Better Lives"

pg. 1

# Multiple Provider Episode Alert Detail

Clicking on the alert will display a list of the prescribers who issued an opioid prescription and pharmacies which dispensed opioid prescriptions in the last 6 months.



7 
Multiple Provider Episodes i

5 
\* Last 3 Months >

## Multiple Provider Episodes

7 
Multiple Provider Episodes i

8 
Multiple Provider Episodes i

**Select Time Range:**

6 Months



**Pharmacies (5):**

Name	Fills	Phone
Test Pharmacy	15	(402) 550-9990
Out Of Town Pharmacy	4	(712) 550-9932
Kevin's Pharmacy	4	(402) 550-9902

Drug	Qty	Days	Sold	Filled	Prescriber
oxycodone 10 mg tablet	50	8	05/01/2019	05/01/2019	Crusher, Beverly
oxycodone 10 mg tablet	50	8	04/01/2019	04/01/2019	Crusher, Beverly
oxycodone 10 mg tablet	50	8	03/01/2019	03/01/2019	Crusher, Beverly
oxycodone 10 mg tablet	50	8	02/01/2019	02/01/2019	Crusher, Beverly

Hometown Pharmacy	4	(402) 550-9902
Perfect Pet Pharmacy	1	(422) 550-9942

**Prescribers (8):**

Name	Fills	Phone
Howser, Doogie	7	(999) 111-2225
Potter, Sherman T	4	(999) 111-1225
Crusher, Beverly	4	(999) 111-1225
Pierce, Hawkeye	4	(999) 111-5265
House, Gregory	4	(999) 111-1235
Bailey, Miranda	3	(999) 111-1285
Greene, Hershel	1	(999) 111-1233
Grey, Meredith	1	(999) 111-2275



# Provider Patient Dashboard

Provider Patient Dashboard

Search Medication History

Collapse Navigation

Name	DOB	Last Updated	MME 30-Day	MME 7-Day	Overlap	MPE	Risk Score	Actions																												
+ Kent, Clark	02/12/2000	03/04/2019	0	0	No	Yes	2	View Medications Edit Delete																												
+ McTest, Marshall	03/27/1950	12/27/2018 ⚠️	0	0	--	Yes	2	View Medications Edit Delete																												
- Stark, Tony	05/29/1970	05/16/2019	0	0	--	Yes	2	View Medications Edit Delete																												
<table border="1"> <thead> <tr> <th>Name</th> <th>DOB</th> <th>Gender</th> <th>Species</th> <th>Address</th> <th>Phone</th> <th>Note</th> </tr> </thead> <tbody> <tr> <td>Stark, Anthony (dog)</td> <td>01/01/1999</td> <td>F</td> <td>🐾</td> <td>Stark Tower, Lincoln, NE 69501</td> <td>(111) 112-3355</td> <td></td> </tr> <tr> <td>Stark, Tony</td> <td>05/29/1970</td> <td>M</td> <td>👤</td> <td>Stark Tower, Lincoln, NE 69501</td> <td>(111) 112-3355</td> <td></td> </tr> <tr> <td>Stark, Anthony</td> <td>05/29/1970</td> <td>M</td> <td>👤</td> <td>Stark Tower, Lincoln, NE 69501</td> <td>(111) 112-3355</td> <td></td> </tr> </tbody> </table>									Name	DOB	Gender	Species	Address	Phone	Note	Stark, Anthony (dog)	01/01/1999	F	🐾	Stark Tower, Lincoln, NE 69501	(111) 112-3355		Stark, Tony	05/29/1970	M	👤	Stark Tower, Lincoln, NE 69501	(111) 112-3355		Stark, Anthony	05/29/1970	M	👤	Stark Tower, Lincoln, NE 69501	(111) 112-3355	
Name	DOB	Gender	Species	Address	Phone	Note																														
Stark, Anthony (dog)	01/01/1999	F	🐾	Stark Tower, Lincoln, NE 69501	(111) 112-3355																															
Stark, Tony	05/29/1970	M	👤	Stark Tower, Lincoln, NE 69501	(111) 112-3355																															
Stark, Anthony	05/29/1970	M	👤	Stark Tower, Lincoln, NE 69501	(111) 112-3355																															
+ Watson, John	07/04/1980	10/30/2018 ⚠️	0	0	--	Yes	2	View Medications Edit Delete																												
+ Wayne, Bruce	08/15/1972	03/04/2019	15	0	Yes	Yes	4	View Medications Edit Delete																												
+ Yellow, Judy	07/04/1973	12/13/2018 ⚠️	176.5	188.57	Yes	Yes	7	View Medications Edit Delete																												

Add New Profile

- Allows multiple patients to be saved
- Displays clinical safety alerts for saved patients on one screen
- Follow patients who may need frequent monitoring
- Quicker, easier access

# Reporting All Dispensed Prescriptions

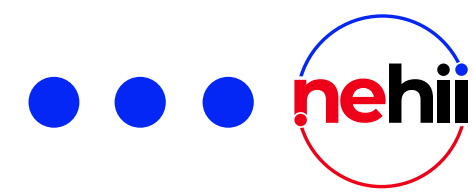
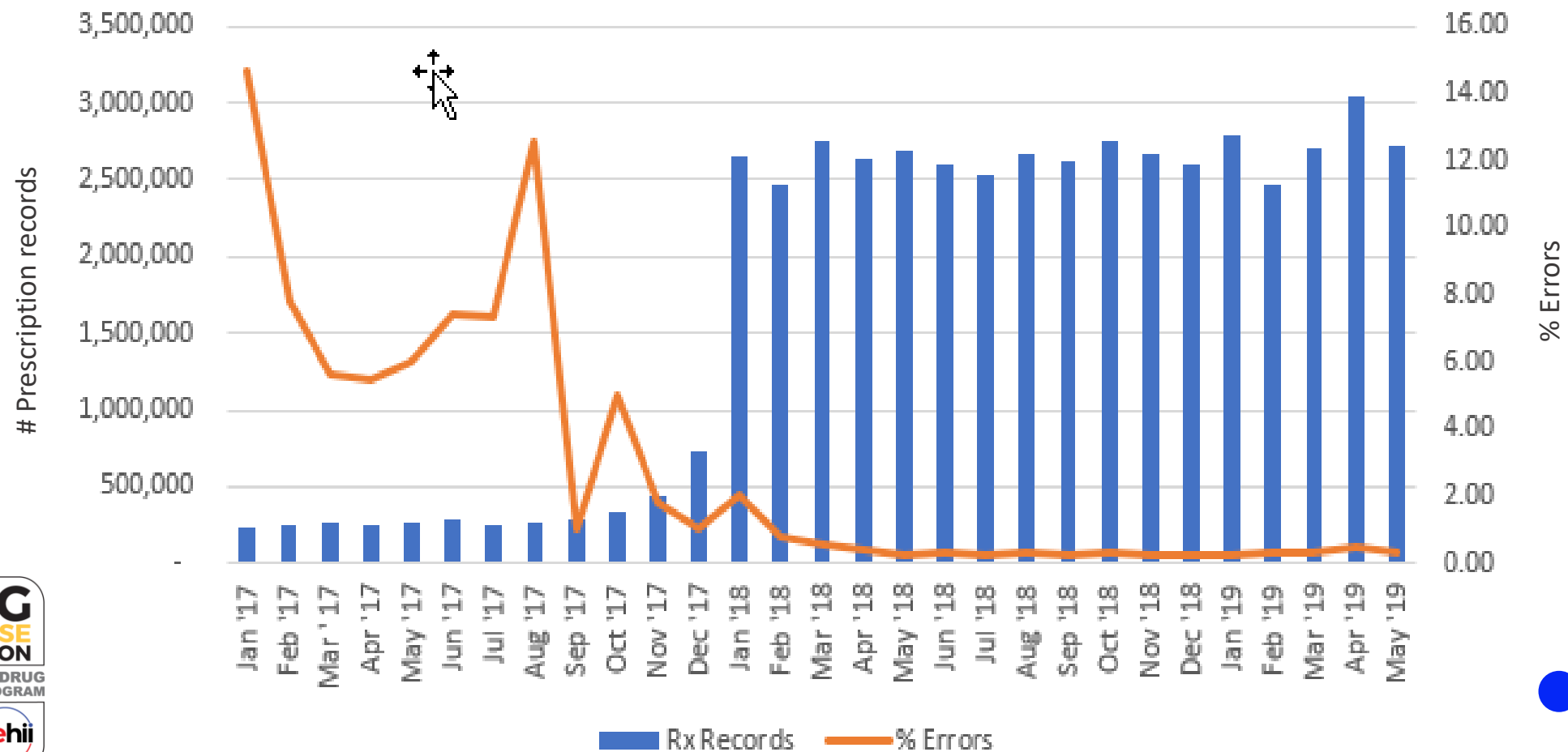
- Required reporting as of January 1, 2018
- Comprehensive medication history
  - 10 x more data than traditional PDMP's that include controlled substances only

## *Patient Safety Tool*

- Allows clinicians to make better informed decisions
- Identify medications from multiple prescribers and pharmacies
- Identify potential drug interactions, allergies
- Provides a valuable resource in the event of natural disasters, system power interruptions
- Tool for medication reconciliation

# Data Quantity and Quality

Monthly Prescription Records and Error Rate  
January 2017 - May 2019



DISPLAY Last 8 Months

Controlled and Non-Controlled  
Controlled Only  
All

Re-sort for easier medication reconciliation

View/Print PDF Download PDF

66.04 MME Assessment \* 30 day average

8 Multiple Provider Episodes \* Last 8 Months

5 Overlapping Prescriptions \* Last 46 Days

6 Risk Score Max Score = 7

All Substances

Patient	Fill Date	Sold Date	Drug	Qty	Days	Refills	Prescriber	Pharmacy	Payment
+ 2	05/04/2019		alprazolam (Xanax XR) 1 mg tablet extended release 24 hr	90	30	0	Welby, Marcus	Kevin s Pharmacy PH#: 4025599992	Commercial Insurance
+ 2	05/04/2019	05/04/2019	warfarin (warfarin) 5 mg tablet	10	5	0	Pierce, Hawkeye	Out Of Town Pharmacy PH#: 7125599932	Commercial Insurance
- 2	05/03/2019	05/05/2019	alprazolam (Xanax) 1 mg tablet	90	30	5	Howser, Doogie	Hometown Pharmacy PH#: 4025599992	Commercial Insurance
1	04/28/2019	04/28/2019	alprazolam (alprazolam) 1 mg tablet	15	15	0	Greene, Hershel	Hometown Pharmacy PH#: 4025599992	Commercial Insurance
2	04/27/2019	04/27/2019	alprazolam (alprazolam) 1 mg tablet	90	30	5	Bailey, Miranda	Newbie Pharmacy PH#: 4025599992	Commercial Insurance
3	04/20/2019	04/20/2019	alprazolam (alprazolam) 1 mg tablet	15	15	3	Greene, Hershel	Perfect Pet Pharmacy PH#: 4225599942	Commercial Insurance
2	03/27/2019	03/27/2019	alprazolam (alprazolam) 1 mg tablet	90	30	5	Bailey, Miranda	Newbie Pharmacy PH#: 4025599992	Commercial Insurance
2	03/20/2019	03/20/2019	alprazolam (alprazolam) 1 mg tablet	15	15	3	Greene, Hershel	Perfect Pet Pharmacy PH#: 4225599942	Commercial Insurance
1	02/28/2019	02/28/2019	alprazolam (alprazolam) 1 mg tablet	15	15	0	Greene, Hershel	Hometown Pharmacy PH#: 4025599992	Commercial Insurance
2	02/27/2019	02/27/2019	alprazolam (alprazolam) 1 mg tablet	90	30	0	Bailey, Miranda	Newbie Pharmacy PH#: 4025599992	Commercial Insurance
2	02/20/2019	02/20/2019	alprazolam (alprazolam) 1 mg tablet	15	15	0	Greene, Hershel	Perfect Pet Pharmacy PH#: 4225599942	Commercial Insurance
2	02/01/2019	02/03/2019	alprazolam (alprazolam) 1 mg tablet	15	15	0	Greene, Hershel	Perfect Pet Pharmacy PH#: 4225599942	Commercial Insurance
2	01/27/2019	01/27/2019	alprazolam (alprazolam) 1 mg tablet	90	30	0	Bailey, Miranda	Newbie Pharmacy PH#: 4025599992	Commercial Insurance
+ 2	05/02/2019	05/03/2019	ciprofloxacin HCl (ciprofloxacin HCl) 500 mg tablet	10	10	0	Rong-Bones, S.T.	Kevin s Pharmacy PH#: 4025599992	Commercial Insurance
+ 6	05/02/2019		hydrocodone-acetaminophen (Vicodin ES) 7.5-300 mg tablet	100	10	0	Howser, Doogie	Test Pharmacy PH#: 4025599999	Commercial Insurance

# Upcoming Changes

- New PDMP Vendor/platform
  - Expected to go-live: September, 2019
- Interstate data sharing
- Workflow integration
  - Query-based
  - Ingestion/storage
- Analytics
- Alignment with federal policy
  - SUPPORT Act

# Contact Information

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