

**Pharmacy Diversion Awareness Conference**  
**Knoxville, TN**  
March 22-23, 2014

# **CSMD Update: Recent Improvements and Data Discussion**

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# Disclosure Information

## Andrew Holt, PharmD

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- I have no financial relationships to disclose
- I will not discuss off label use and/or investigational use in my presentation

# Prescription Safety Act of 2012

- Pharmacies report at least every 7 days
- Required registration in CSMD
- Required checking of CSMD
- Required reporting of known doctor shoppers

# Prescriber CSMD Survey

- Sent via email to all prescribers registered in the CSMD
  - Over 900 responses
  - Purpose was to seek feedback about the CSMD and the Prescription Safety Act

# Prescriber CSMD Survey Results

- 71% changed a treatment plan after viewing a CSMD report
- 73% are more likely to discuss substance abuse issues or concerns with a patient
- 57% are more likely to refer a patient for substance abuse treatment
- 79% feel that the CSMD is useful for decreasing doctor shopping

# Notable statistics in 2013

- 0.4% reduction in number of opioid prescriptions
- 3.6% reduction in number of benzodiazepine prescriptions
- An approximate 50% reduction in doctor shopping from 2012 to 2013

# New Laws in 2013 - Public Chapter 396

- “Top 50” analysis
  - Inquire into prescribing habits of the top 50 prescribers of controlled substances in Tennessee
  - If a mid-level prescriber is identified, a letter also was sent to the supervisor
- Top 50 prescribers wrote prescriptions for approximately 15% of total state MME dispensed

# New Laws of 2013 - Public Chapter 430

- Chronic Pain Treatment Guidelines
  - First version submitted January 1, 2014
  - In public comment phase currently
  - Will be submitted to the licensing boards for review and application to their licensees
  - Review and update by September 30<sup>th</sup> annually

# New Laws of 2013 - Public Chapter 430

- Changes to pain clinic laws
  - Requires certification for anyone advertising pain management services
  - No more than 4 clinics per medical director
  - Check or credit card payment only, unless cash for a copay

# New Laws of 2013 - Public Chapter 430

- ARCOS data to be collected by BoP from manufacturers, wholesalers, and distributors
- Opioid or benzodiazepine prescribed to an inpatient of a nursing home or hospital does not require a check of the CSMD before prescribing

# New Laws of 2013 - Public Chapter

## 430

- Two (2) hour CE requirement for prescribers during each renewal cycle
  - “This section shall not apply to veterinarians, providers practicing at a registered pain management clinic as defined in § 63-1-301 or to medical doctors or osteopathic physicians board certified by the American Board of Medical Specialties (ABMS), or American Osteopathic Association (AOA), or the American Board of Physician Specialties (ABPS) in one or more of the following specialties or subspecialties:
    - (1) Pain management;
    - (2) Anesthesiology;
    - (3) Physical medicine and rehabilitation;
    - (4) Neurology; or
    - (5) Rheumatology.”

# Completed CSMD Enhancements- 2013

- Automated registration
- Interstate data exchange
- Pharmacy reporting every 7 days
  - Near real-time reporting interface built, tested, rolled out and expanding to other software vendors.
- Delegate accounts-extenders

# Completed CSMD Enhancements- 2013

- Automated username retrieval
- Multiple practice locations per user
- Enhanced linking of extenders to supervisors
- Extender runs report on supervisor behalf
- Supervisor can run report on extenders
  - Prescribing history and request history

# Completed CSMD Enhancements- 2013

- Clinical Notifications
  - Solicited
  - MME Calculator on report
- Enhanced Reports
  - Some visible to prescribers
    - “Practitioner vs. peers”
  - Some for CSMD administration use

# Patient Report



## TENNESSEE CONTROLLED SUBSTANCE MONITORING PROGRAM: BOARD OF PHARMACY - DEPARTMENT OF HEALTH

665 MAINSTREAM DRIVE NASHVILLE, TENNESSEE 37243

Phone: (615) 253-1305 Email: CSMD.admin@tn.gov Fax: (615) 253-8782

### Patient RX History Report

JOHN DOE



\*\* See explanation at end of report.

Date: 03-04-2014

Page: 1 of 8

Search Criteria: (( Last Name Begins 'DOE' AND First Name Contains 'John') AND ( D.O.B - '08/15/1954' AND State - 'TN')) AND Request Period - '03/04/2013' To '03/04/2014'

**Disclaimer:** Information contained in the report results from the search criteria entered and incorporated by the user and from the data entered by the dispenser. Any clinical notifications incorporated into this report are the result of information submitted by the dispenser. Therefore, the Tennessee Department of Health and the Board of Pharmacy do not express or imply any warranty regarding the accuracy, adequacy, completeness, reliability, or usefulness of the data provided. Additionally, neither the Tennessee Department of Health nor the Board of Pharmacy make recommendations, or give any legal advice, to the user as to actions, if any, that might be required as a result of viewing the report or the information contained in the report.  
For more information about a prescription, please contact the dispenser or prescriber identified in the report.

#### Patients that match search criteria

Pt ID	Name	DOB	Address
7100	DOE, JOHN	08/15/	
0373	DOE, JOHN	08/15/	
2697	DOE, JOHN	08/15/	
5968	DOE, JOHN	08/15/	
9342	DOE, JOHN	08/15/	
5103	DOE, JOHN	08/15/	
1290	DOE, JOHN	08/15/	
0081	DOE, JOHN	08/15/	

#### Active Cumulative Morphine Equivalent

\*\*See explanation provided at the end of the report\*\*

315

#### Prescriptions

Fill Date	Product, Str, Form	Quantity	Days	Pt ID	Prescriber	Written	Rx #	Daily MED <sup>1</sup>	Active <sup>2</sup>	N/R	Pharm	Pay
03/01/2014	OXYCODONE HYDROCHLORIDE, 30 MG, TAB	120.00	30	1290	ABC ST02	02/04/2014	2631759	180.00	Y	N	I	04
02/14/2014	OXYMORPHONE HYDROCHLORIDE, 15 MG, TER	90.00	30	81	ABC ST02	02/14/2014	2219987	135.00	Y	N	I	01

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#### Pharmacies that dispensed prescriptions listed

#### Morphine Equivalent Table

Drug	Morphine Equivalent Multiplier
Buprenorphine	10
Codeine	0.15
Fentanyl	7.2
Hydrocodone	1
Hydromorphone	4

Drug	Morphine Equivalent Multiplier
Methadone	3
Morphine	1
Oxycodone	1.5
Oxymorphone	3
Tramadol	0.1

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For more information about a prescription, please contact the dispenser or prescriber identified in the report.

US Department of Health and Human Services, Center for Disease Control

Rx#	Drug	Strength		Multiplier		Quantity		Days		Daily MED
2631759	OXYCODONE HYDROCHLORIDE, 30 MG, TAB	30 MG	X	1.5	X	120.00	÷	30	=	180.00
2219987	OXYMORPHONE HYDROCHLORIDE, 15 MG, TER	15 MG	X	3	X	90.00	÷	30	=	135.00
<b>Active Cumulative Morphine Equivalent</b>										<b>315.00</b>

= 3 Practitioners in last 60 days    
 = 3 Pharmacies in last 60 days    
 = 90 but < 120 Active Cumulative Morphine Equivalents per day  
 = 4 Practitioners in last 60 days    
 = 4 Pharmacies in last 60 days    
 = 120 Active Cumulative Morphine Equivalents per day

# Practitioner vs. Peers Report

**Search Criteria: DEA# = \_\_\_\_\_ and Rx Written between '11/01/2013' and '12/31/2013'**

Practitioner Name & Address	DEA Number	Occupation	Specialty Care	No Of Rx	Rank	Total No. Of Peers
		Medical Doctor	Physician - General, Internal, or Family Medicine	780	138	3016

# 2014 Enhancement - Clinical Notification (Unsolicited)

**TENNESSEE CSMD** Welcome,  [MY ACCOUNT](#) [LOGOUT](#)

Request Notification Help 

Home 

**Other Links**

- » Messages (24)
- » Info Center
- » FAQ
- » Related Links

**Latest News**

### Clinical Notifications

  
**You have unread Clinical Notifications**

Your Notification Summary:

- Morphine Equivalent - 143
- Multiple Practitioner - 17
- Multiple Pharmacies - 3

- Morphine  
Equivalents - 1/10/2014

- Morphine Equivalents -  
1/10/2014

- Morphine Equivalents -

[Click here to view all Clinical Notifications](#)

### Messages



My Account Change-1/16/2014  
New CSMD functionality...-11/20/2013  
My Account Change-9/27/2013  
Notification of Regist...-3/26/2013

[Click here to view all Messages](#)

### Requests



**No New Announcements**

[Click here to view all Requests](#)

### Announcements



**No New Announcements**

[Click here to view all Announcements](#)

### News



**No New News**

[Click here to view all News](#)

### Reports



- Unknown Pharmacy Report
- Unknown Pharmacy Report
- Unknown Practitioner Report
- Unknown Practitioner Report
- Unknown NDCCode Report



# NAS Messaging in CSMD

- Pink cautionary statement on patient report for females of childbearing age
  - “Please remember that narcotic prescriptions for women of child bearing age could result in Neonatal Abstinence Syndrome (NAS) should pregnancy occur; please discuss with your patient methods to prevent unintended pregnancy.”

# Discovery-Phase Enhancements

- Integration into EMR's / pharmacy software
  - Goal is to decrease time for sign-on to the CSMD
- More pharmacies submitting in near-real time
  - Expands 2013 pilot to other software vendors through grant program facilitated by TPA
- Additional interstate data sharing

# Statistical Review

**Table 2. Number of Controlled Substances Prescriptions (by class) Reported to CSMD, 2010 - 2013\***

Year	Opioids	% Change	Benzodiazepines	% Change	Other	% Change
2010	8,150,946	-	3,951,144	-	4,423,662	-
2011	9,018,139	10.6	4,152,587	5.1	5,001,445	13.1
2012	9,265,450	2.7	4,061,418	-2.2	5,125,142	2.5
2013	9,227,456	-0.4	3,913,356	-3.6	5,433,347	6

\* Classes of controlled substances were defined based on CDC guidance document.

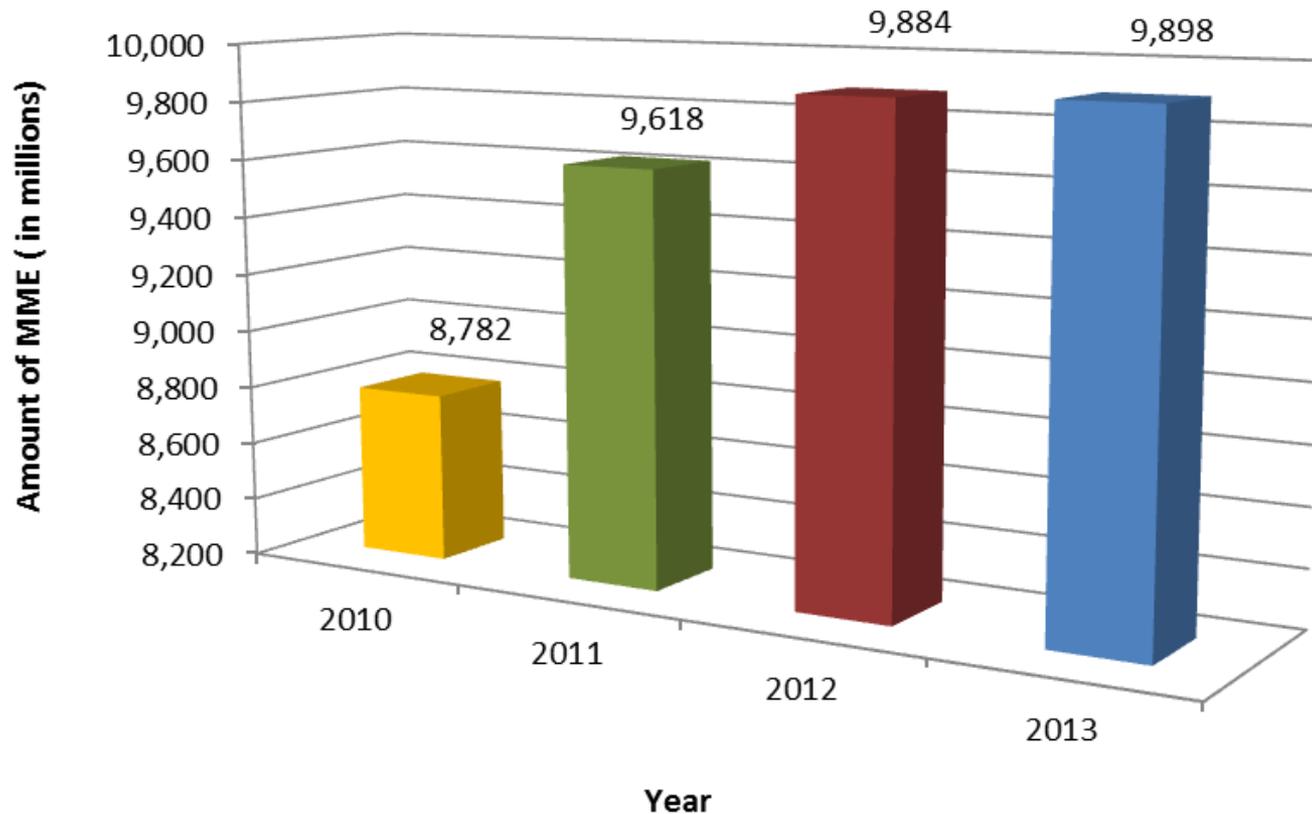
# Statistical Review

*Table 3. Comparison of the 10 most frequently prescribed products in 2012 and 2013 in CSMD*

Rank	2013	2012
1	Hydrocodone products	Hydrocodone products
2	Alprazolam	Alprazolam
3	Oxycodone products	Oxycodone products
4	Zolpidem	Zolpidem
5	Tramadol	Tramadol
6	Clonazepam	Clonazepam
7	Lorazepam	Lorazepam
8	Diazepam	Diazepam
9	Morphine products	Buprenorphine products
10	Buprenorphine products	Morphine products

# Statistical Review

*Figure 1. Overall Morphine Milligram Equivalent (MME) Dispensed and Reported to CSMD, 2010-2013*



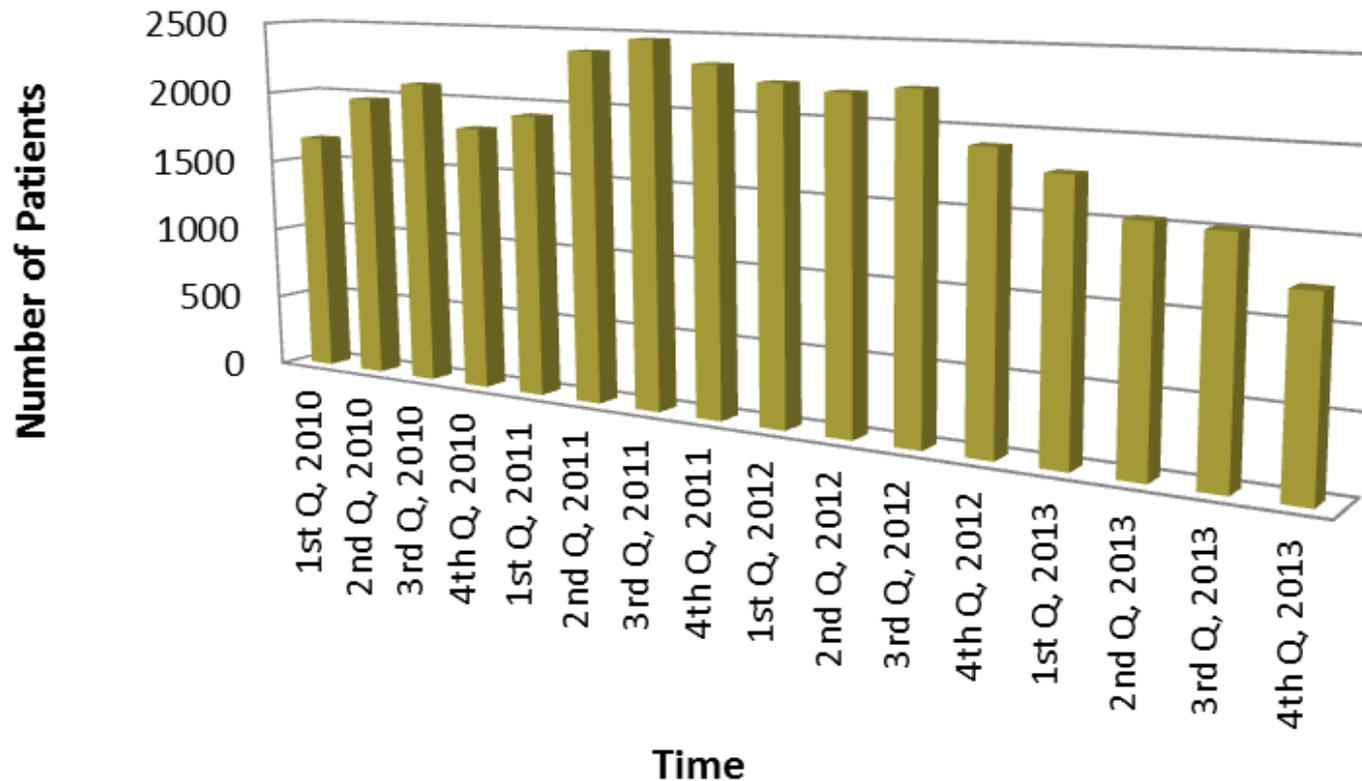
# Statistical Review

***Table 6. Number of Patient Requests from CSMD, 2010 - 2013***

Year	Healthcare Providers	Law Enforcement
2010	1,200,435	N/A
2011	1,486,932	551
2012	1,861,485	2,565
2013	4,497,866	1,938

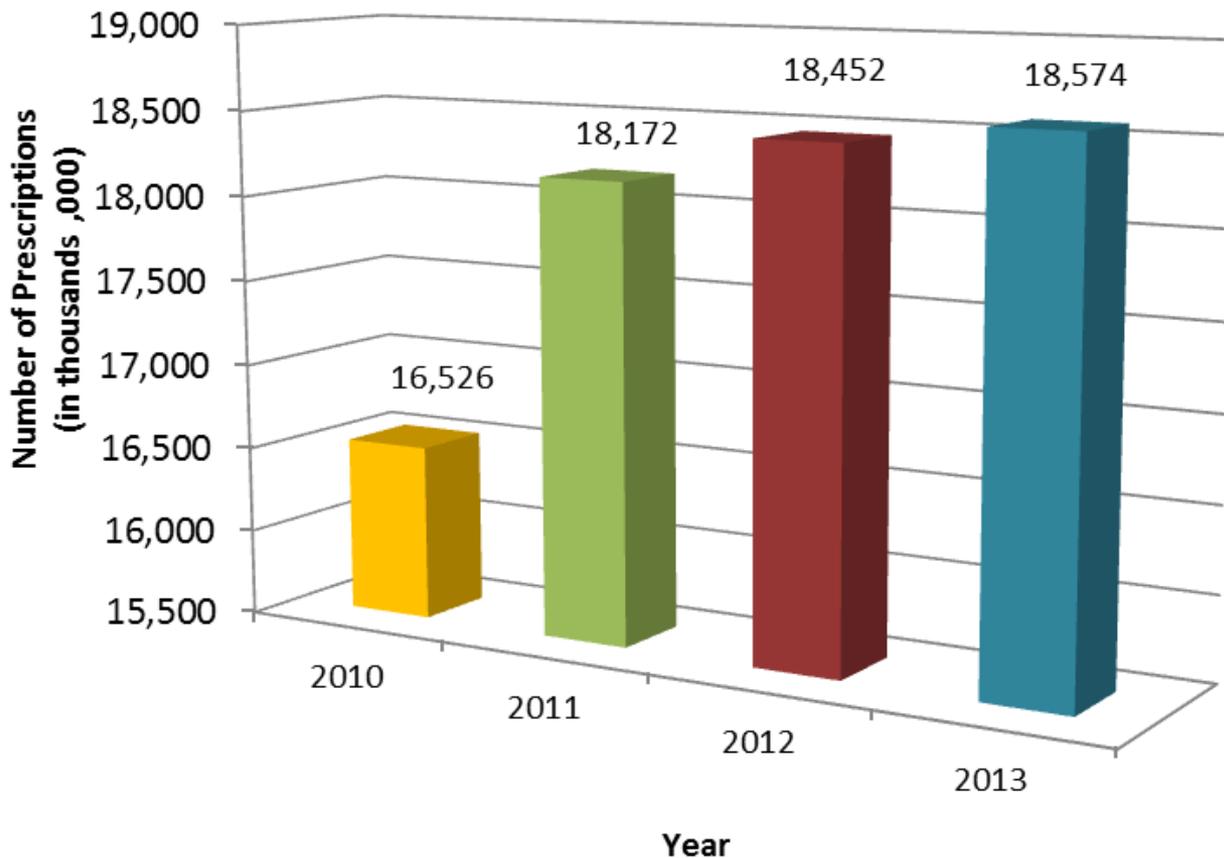
# Statistical Review

Figure 2. Trend of Number of High Utilization Patients by Quarter in CSMD, 2010-2013



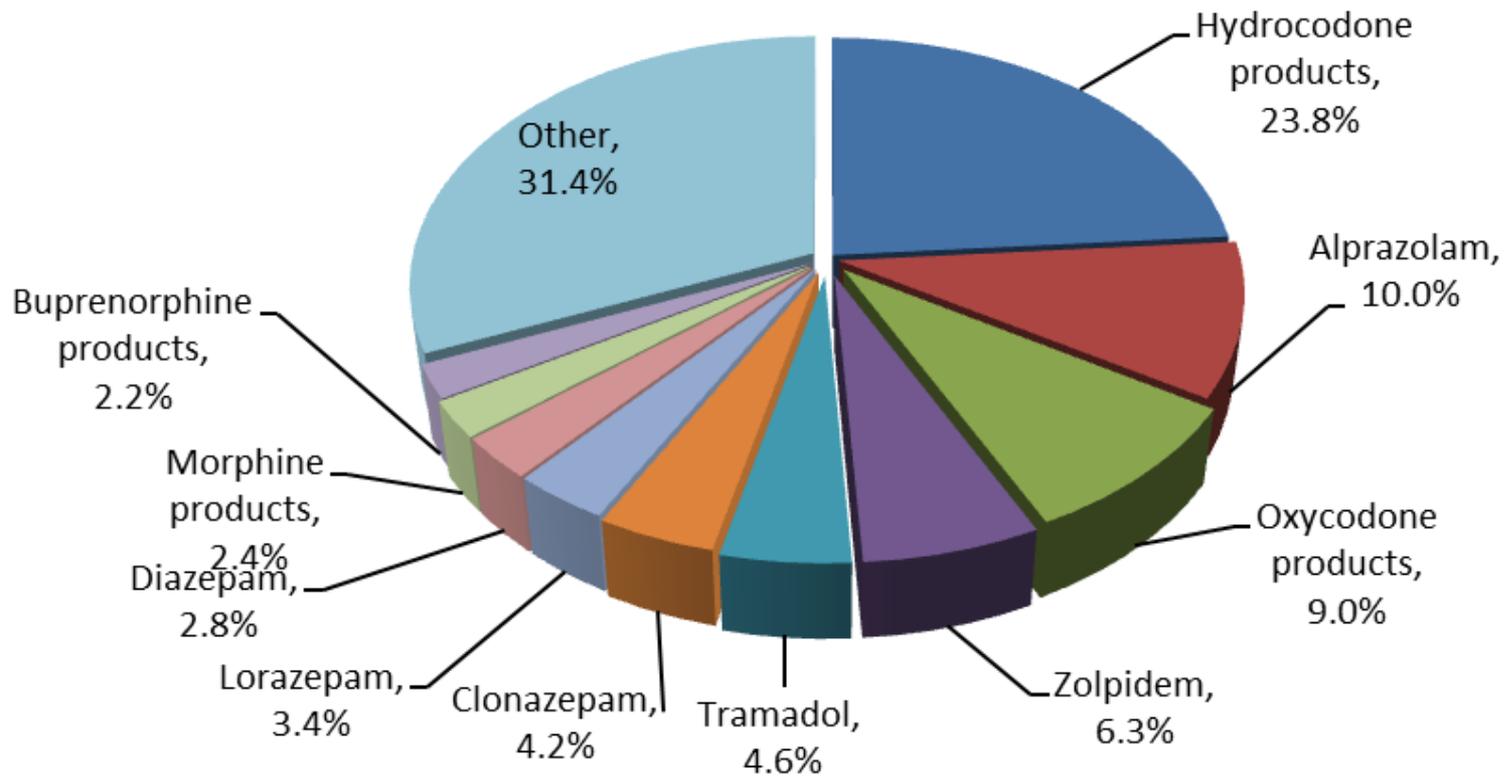
# Statistical Review

*Figure 4. Number of Prescriptions Reported to CSMD, 2010-2013*



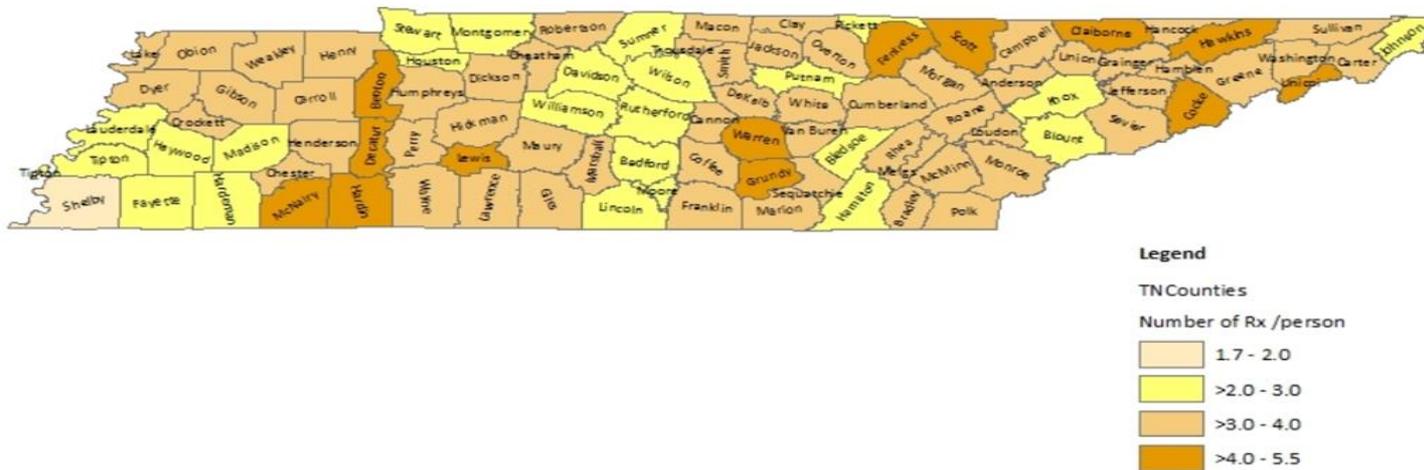
# Statistical Review

*Figure 6. Distribution of Number of Prescriptions by Products Reported to CSMD, 2013*



# Statistical Review

Figure 10. Rate of Prescriptions Dispensed (per capita) Among Tennessee Residents Reported to CSMD, 2013



# Reporting a Doctor Shopper to Law Enforcement

- If you have actual knowledge that a patient is a doctor shopper, fill out a form found at:

<http://health.state.tn.us/boards/Controlledsubstance/PDFs/PH-4152.pdf>

- Send the form to local law enforcement or call the state Meth and Pharmaceutical Task Force at 423-752-1479 to find appropriate contact information for your local drug task force.

# Staff

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