



# *Prescription Drug Abuse &* **Maine's PMP**

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*Office of Substance Abuse*  
*Department of Health and Human Services*

*John E. Baldacci, Governor*

*Brenda M. Harvey, Commissioner*



# Outline

- Overview of prescription drug abuse
- Development and goals of the PMP
- Use of patient-specific PMP data
- Aggregate PMP data

# Overview of prescription drug abuse



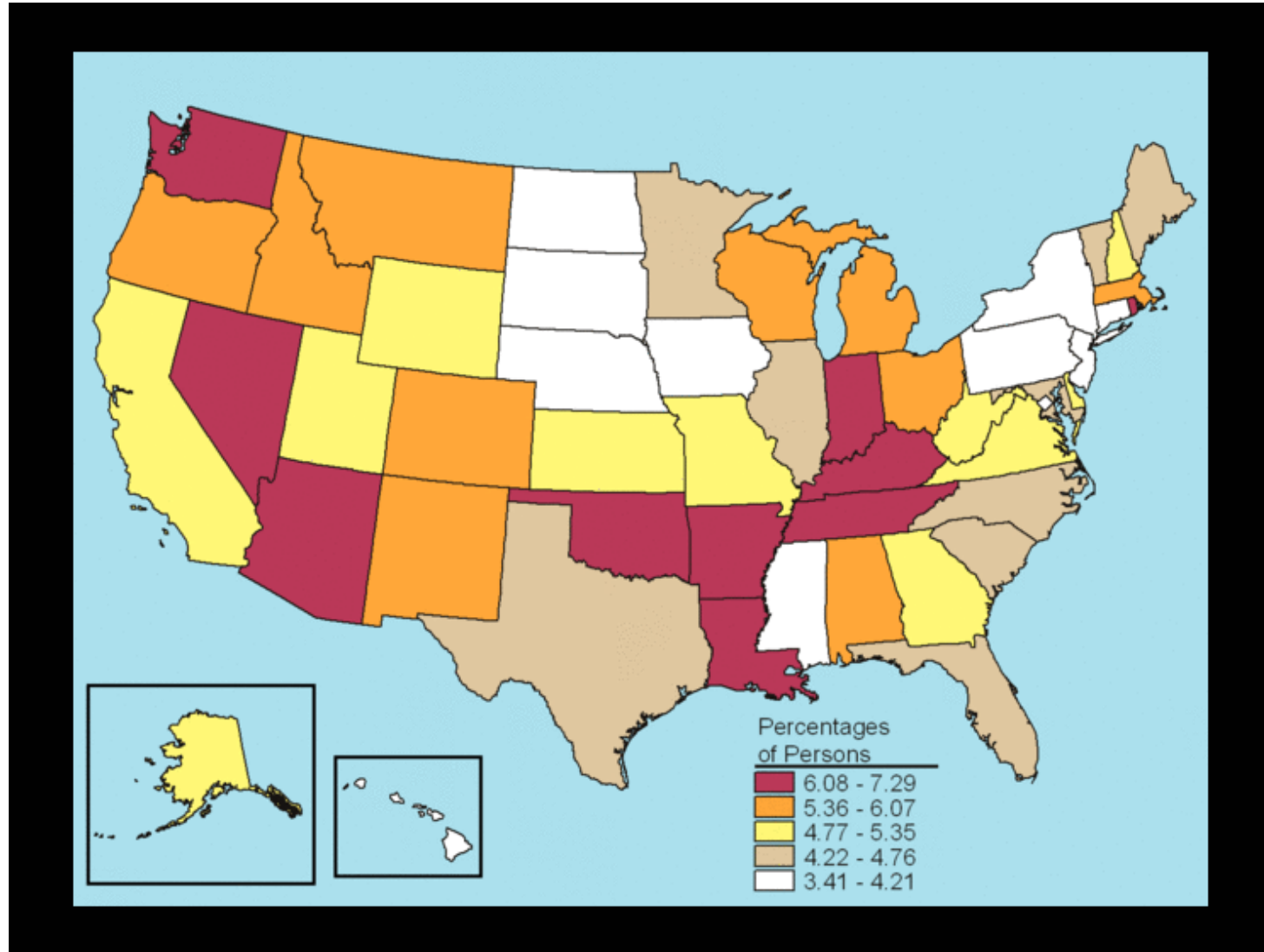
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# ***Non-medical use of pain relievers in past year among persons aged 12 or older, by state: Percentages***

Annual averages based on 2006 and 2007 NSDUHs





# Prescription misuse by youth

- **In 2009, 20% of U.S. high school students say they've misused prescription drugs**
- **Among Maine high school seniors, 23.6% reported misusing some type of prescription drug at least once in their lives**

Source: 2009 Youth Risk Behavior Survey  
<http://www.cdc.gov/HealthyYouth/yrbs/>

# Prescription drug diversion

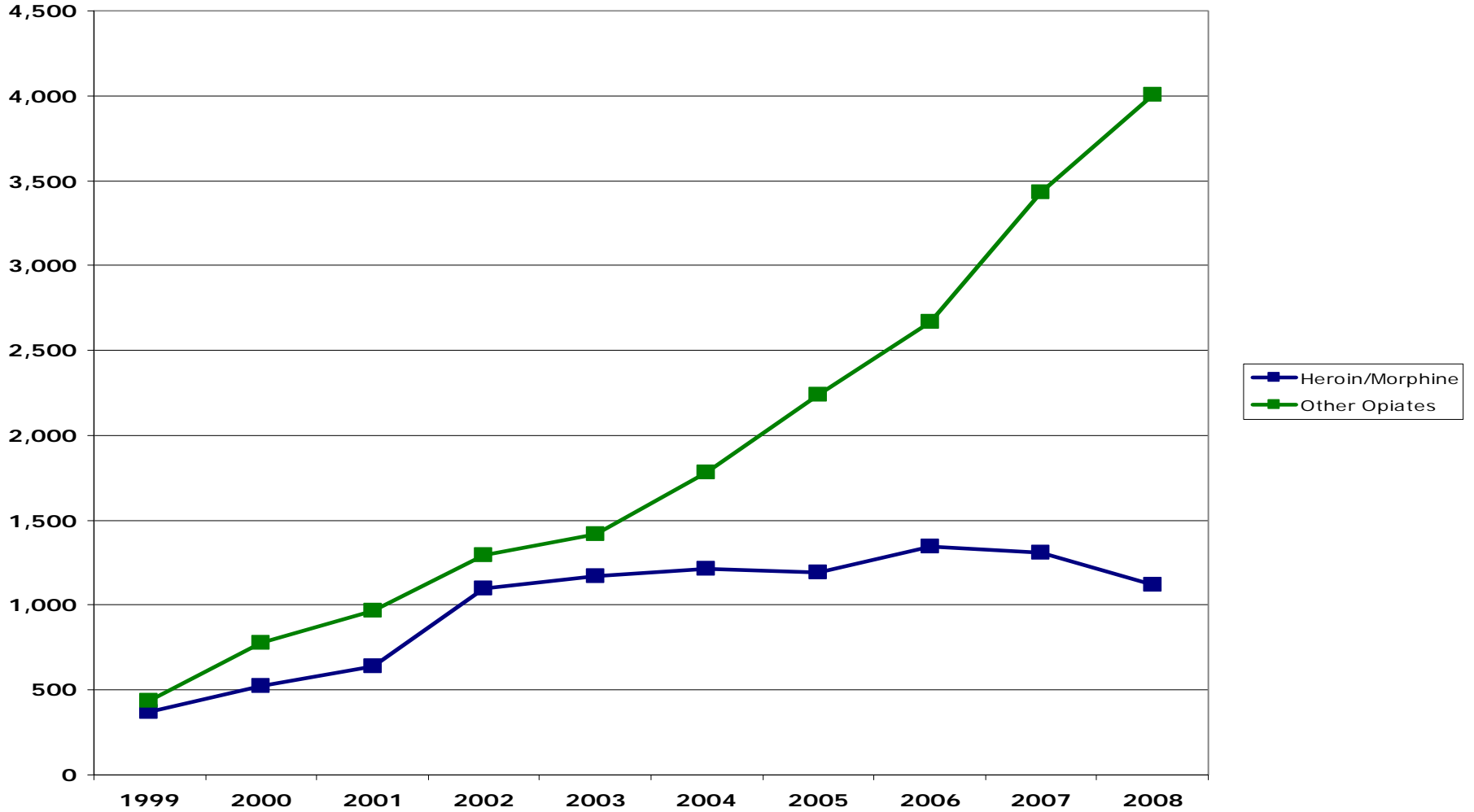
- Prescription drug diversion involved in 39% of Maine DEA arrests during 2008
- Street values:
  - OxyContin<sup>®</sup>: \$100 per 80 mg tablet
  - Vicodin<sup>®</sup>: \$5-6 per tablet
  - Ritalin<sup>®</sup>: \$5-6 per tablet

Source: Maine Drug Enforcement Agency (2007)



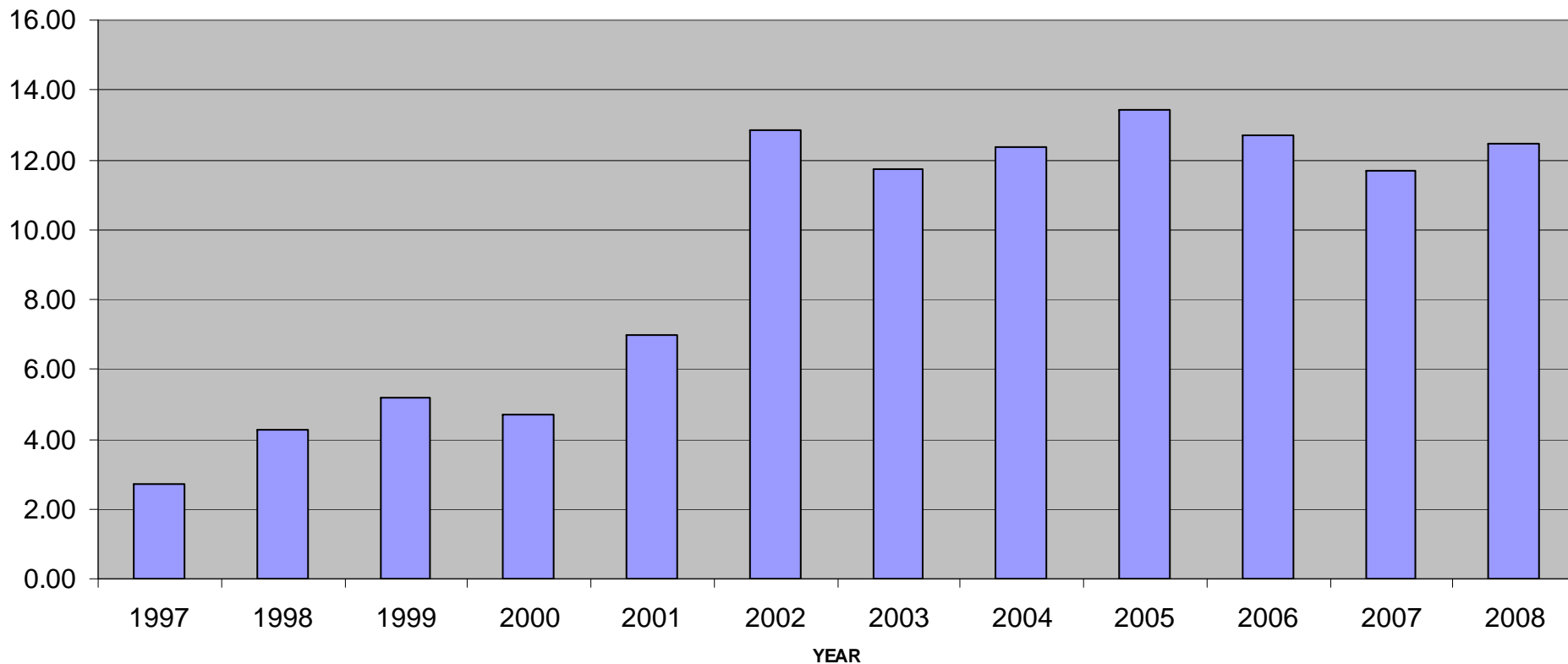
# Admissions to substance abuse treatment for opiate abuse

Maine: 1999-2008



# Maine: Drug-related deaths

Deaths/100,000 People



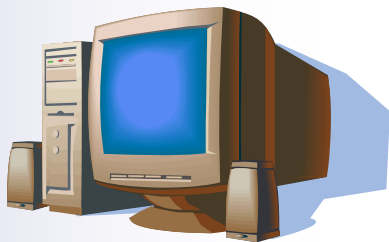
Source: Office of the Chief Medical Examiner; Marcella Sorg, UMaine  
[www.maine.gov/dhhs/osa](http://www.maine.gov/dhhs/osa)

# Maine PD Mortality Numbers

- In 2001, 78% of drug deaths caused by a pharmaceutical (70 of 90 drug deaths)
- In 2002, 89% of drug deaths caused by a pharmaceutical (148 of 166 drug deaths)
- In 2003, 94% of drug deaths – one or more pharmaceuticals the cause of death or a significant contributing factor (134 of 143 drug deaths)
- In 2004 - 2008, proportion ranging from 80% to 90% annually

Source: Marcella Sorg, Margaret Chase Smith Public Policy Center, The University of Maine

# Legislative response: PMP



*John E. Baldacci, Governor*

*Brenda M. Harvey, Commissioner*

# Overview of Maine's PMP

- **Legislation passed in 2003**
- **Data collection began July 2004, includes schedules II, III, IV**
- **Data submitted weekly by over 300 pharmacies**
- **All transactions saved in centralized database, available online to authorized data requesters**

# Goals for Maine's PMP

- Improve patient care by giving health care providers comprehensive information
- Curb misuse of prescription drugs
- Ensure that those who do need prescription medications still receive them
- Get those who are addicted into appropriate treatment
- Help stop prescription drug overdoses
- Educate the public on the dangers of prescription drug misuse and abuse



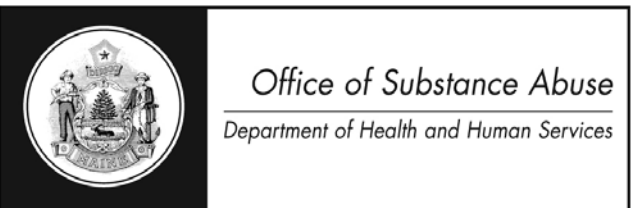
# Who has access to the data?

- Prescribers
- Dispensers
- Licensing boards
- Patients

# Who has access (cont.)

- OSA and contractor staff members
- Law enforcement (AG's office)
- MaineCare's Program Integrity Unit
- Office of the Chief Medical Examiner

# Online PMP database access



John E. Baldacci, Governor

Brenda M. Harvey, Commissioner

# Login page



The image shows a web browser window titled "Maine PMP". The window has a light blue background and a white border. At the top, there is a navigation bar with four buttons: "Login", "User Registration", "Password Recovery", and "Test Tool". The "Login" button is highlighted. Below the navigation bar, there are two input fields: "Username\*" and "Password\*", each with a corresponding text box. At the bottom right of the form area, there are two buttons: "Clear" and "Submit".

Maine PMP

Login User Registration Password Recovery Test Tool

Username\*

Password\*

Clear Submit

# How to register as a requester

1. Go to: <http://www.maine.gov/pmp>
2. Click on the OSA/DHHS logo in the center of the page.
3. Click on the “User Registration” tab.
4. Fill in the required information on the sequential forms (select “Data Requester” in the User Type section). Click “Submit.”
5. Wait for an approval email. The approval process can take up to 2 business days.

Questions: **866-749-7838**

# Sub-account set-up

1. Log in to PMP web (<http://www.maine.gov/pmp>).
2. Click the “Manage My Account” link.
3. Click the “My Sub-Account info” link.
4. Click the “Add” button.
5. Fill in the required fields (marked with \*).
6. The new user will be automatically sent an email with a password set-up link.

# Patient history

Maine PMP - Version 3.0.10 (Requester Status)

GPMP Resources

- Manage My Account
- Reports
  - Patient History**
  - Prescriber History
  - Search History
- Request Role
- Messaging (0)
- Log out

Messaging Patient History

Find Patients

Search Add to Report Preview Patient History

Patient ID Patient Patient State Patient Zip

According to Title 22, Chapter 1603, Prescribers may access the information in the database "insofar as the information relates to a patient under the Prescriber's care". Dispensers also may access information "insofar as the information relates to a customer of the dispenser seeking to have a prescription filled

Patient Last Name\*:

Exact Last Name\*:

Patient First Name\*:

Exact First Name\*:

Patient Date of Birth\*:

Patient City:

Patient State:  
ME

Clear Submit

Page:  Results/Page 10

Done Trusted sites

# Patient history report



Prescription Monitoring Program

Patient History



Patient Id	Name	Date of Birth	Address	City	State
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	ME
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	ME

Between 01/01/2005 and 07/28/2009

Patient Id	Date Filled	Rx Number	Refill Number	Drug Description	Drug Class	Metric Qty	Days Supply	Payment Method	Prescriber Id	Prescriber Name	Prescriber Locn	Pharmacy Name	Pharmacy Locn
[REDACTED]	03/1/2008	[REDACTED]	0	ZOLPIDEM TAB 5MG	C-IV	30.0	15	Commercial Insurance	[REDACTED]	[REDACTED]	[REDACTED] ME	[REDACTED]	[REDACTED] ME
[REDACTED]	01/1/2008	[REDACTED]	0	AMBIEN CR TAB 6.25MG	C-IV	30.0	30	Commercial Insurance	[REDACTED]	[REDACTED]	[REDACTED] ME	[REDACTED]	[REDACTED] ME

# Other uses for pt-spec. PMP data

- Notification reports (automatically sent)
  - Quarterly patient threshold reports
  - Monthly buprenorphine/narcotics concurrent usage reports
  - Quarterly acetaminophen threshold reports

# PMP patient threshold report



**PRESCRIPTION MONITORING PROGRAM**  
**Patient Threshold Report**  
**Quarter 4, 2007\***

DEA: [REDACTED]      DEA NAME: G. [REDACTED], R. [REDACTED]

PATIENT NAME: J. [REDACTED]      C: [REDACTED]      DOB: [REDACTED]      AGE: [REDACTED]

RX DATE	RX NUMBER	REFILL	NDC	PRODUCT DESCRIPTION	QTY	DAYS SUPPLY	PAY SOURCE	DRUG CLASS CODE	PRESCRIBER DEA	PRESCRIBER NAME	NABP	PHARMACY NAME	PHARMACY CITY/STATE
10/02/2007	[REDACTED]		0 00378232105	LORAZEPAM TAB 0.5MG	50	25	Commer Insur	C-IV	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/02/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	20	2	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/04/2007	[REDACTED]		0 00555095502	DEXTROAMPHET CAP 10MG CR	30	30	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/10/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	40	10	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/12/2007	[REDACTED]		1 66993071502	ZOLPIDEM TAB 5MG	10	30	Commer Insur	C-IV	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/19/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	20	2	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/23/2007	[REDACTED]		0 00378191210	CLONAZEPAM TAB 1MG	30	30	Commer insur	C-IV	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/23/2007	[REDACTED]		0 00406324301	DEXTROAMPHET CAP 15MG CR	30	30	Commer insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
10/26/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	20	2	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/01/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	50	50	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/03/2007	[REDACTED]		0 00555095502	DEXTROAMPHET CAP 10MG CR	30	30	Commer insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/19/2007	[REDACTED]		1 00378191210	CLONAZEPAM TAB 1MG	30	30	Commer Insur	C-IV	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/21/2007	[REDACTED]		0 00555097202	AMPHETAMINE TAB 10MG	30	30	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/28/2007	[REDACTED]		0 00591562005	DIAZEPAM TAB 10MG	5	5	Commer Insur	C-IV	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
11/29/2007	[REDACTED]		0 00603398128	HYDROCODIAPAP TAB 5-500MG	30	7	Commer Insur	C-III	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
12/08/2007	[REDACTED]		0 00406324301	HYDROMORPHON TAB 2MG	6	1	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
12/10/2007	[REDACTED]		0 00603499821	OXYCODIAPAP TAB 5-325MG	25	3	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
12/18/2007	[REDACTED]		0 00603499821	OXYCODIAPAP TAB 5-325MG	60	7	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME
12/27/2007	[REDACTED]		0 00603499821	OXYCODIAPAP TAB 5-325MG	60	7	Commer Insur	C-II	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] ME

TOTAL:      19 PRESCRIPTIONS      10 DISTINCT PRODUCTS      5 DISTINCT PRESCRIBERS      1 DISTINCT PHARMACIES

These reports differ from the MaineCare Chronic Narcotics Usage reports in two ways: the PMP reports have only one patient per page and include all pay sources.



# PMP Data

Aggregate counts



# Aggregate Data from ME PMP

- Total Counts
- Proportion of drugs by type
- Average prescription count per person by county
- Prescription counts for specific drugs
- Benzodiazepine trends

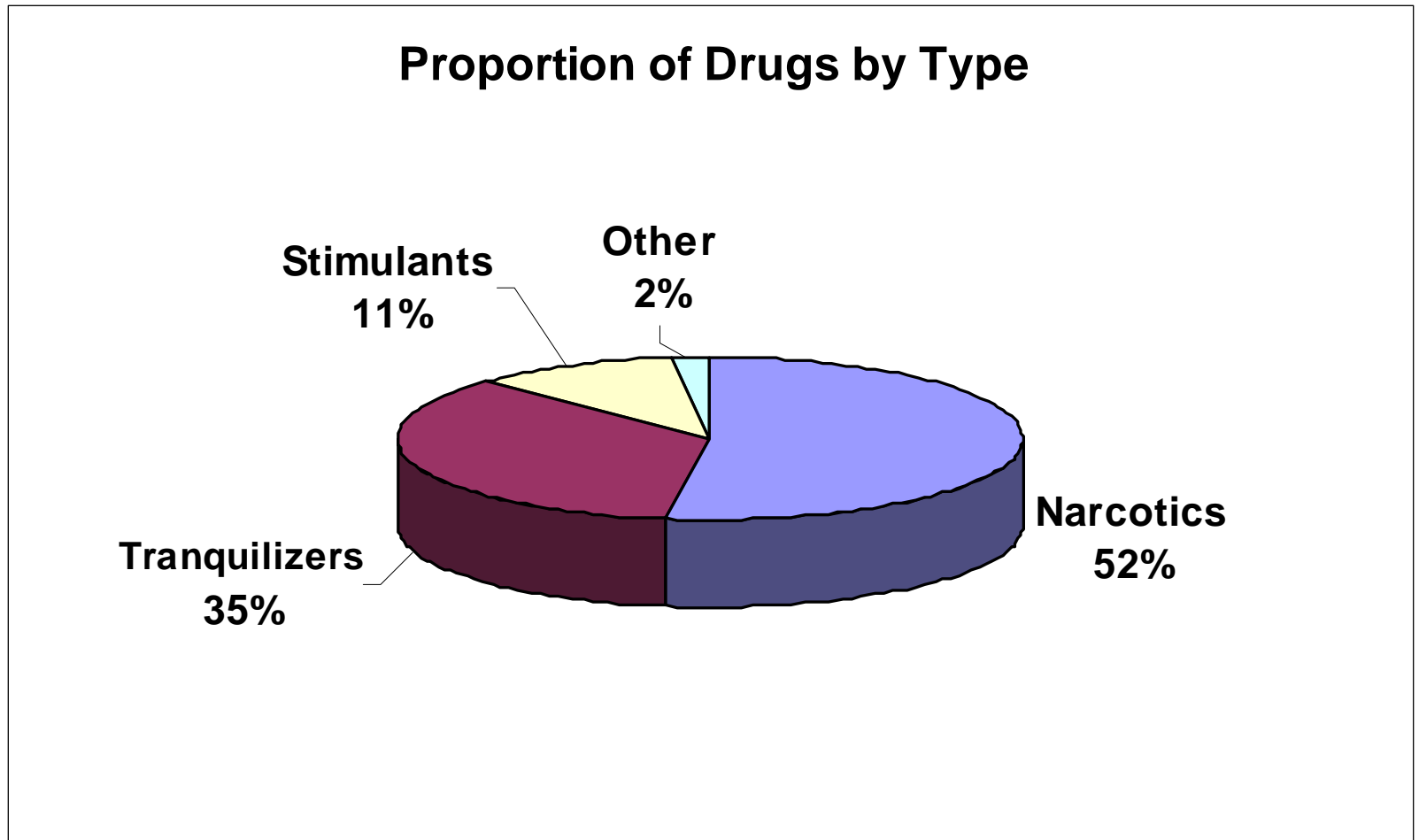
# Total Count of CS Rxs per Year

<u>Year</u>	<u>Total # of Rxs</u>	<u>Rxs/person</u>
2004	1.76 million	1.34
2005	1.85 million	1.41
2006	2.00 million	1.53
2007	2.12 million	1.61
2008	2.30 million	1.75
2009	2.40 million	1.82

Source: <http://www.maine.gov/dhhs/osa/index.htm>

# Drug Type Proportions

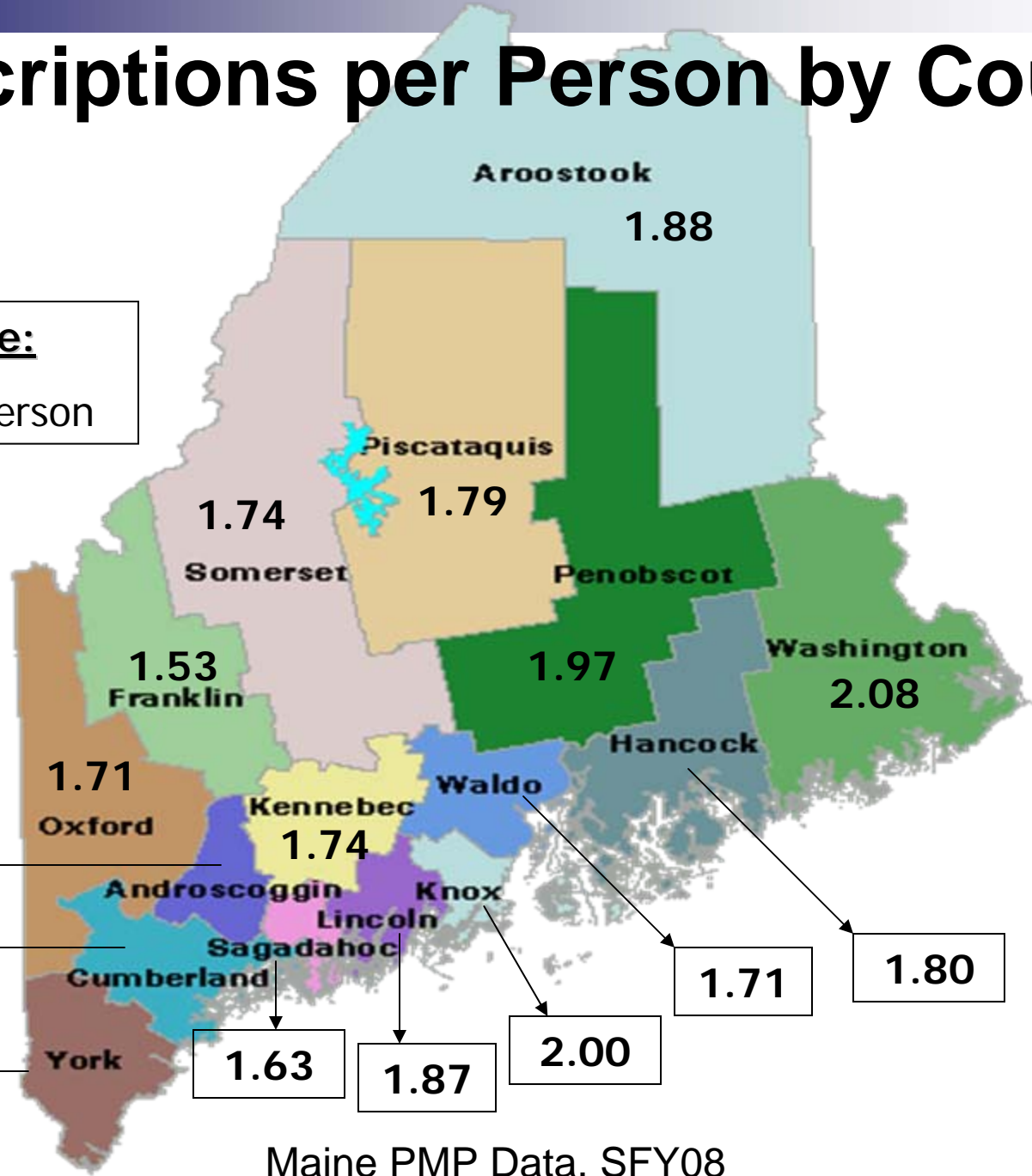
(State of Maine, PMP Data, SFY08)



Proportion: Rx count within therapeutic type divided by total Rx count.

# Prescriptions per Person by County

**State Average:**  
1.75 Scripts/Person



# Top Five Rx Drugs of Abuse

<b>Drug Name</b>	<b>Tablets Dispensed</b>
Hydrocodone/APAP	26.4 million
Oxycodone HCl	17.3 million
Oxycodone/APAP	10.6 million
Alprazolam	9.2 million
Diazepam	4.0 million

PMP Data, SFY 2009. According to the Maine Drug Enforcement Agency, these drugs are the top 5 of concern for law enforcement.

# Benzodiazepine Rx Count Trends

## Maine Patients, 2004 - 2008

<b>Drug Name (Generic)</b>	<b>SFY05</b>	<b>SFY06</b>	<b>SFY07</b>	<b>SFY08</b>
Lorazepam	146,108	163,184	171,823	188,788
Clonazepam	129,684	139,162	148,474	164,225
Alprazolam	128,573	132,787	136,573	144,107
Diazepam	69,355	70,947	73,241	78,532
Temazepam	22,120	22,678	22,971	23,141
All Benzodiazepines	495,840	528,758	553,082	598,793

# Conclusion

- Prescription drug abuse – a growing problem in Maine and nationally
- PMP – a tool to prevent and detect prescription drug abuse

# Questions?

## Office of Substance Abuse

[www.maine.gov/dhhs/osa](http://www.maine.gov/dhhs/osa)

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