



# MAPS

**Michigan Automated Prescription  
System**

**2012 Statistics/DEA Analysis  
/Board of Pharmacy Updates**

## Key Messages

- **What:** The Michigan Automated Prescription System (MAPS) is the prescription monitoring program for the State of Michigan. Prescription monitoring programs (PMP) are used to identify and prevent drug diversion at the prescriber, pharmacy and patient levels by collecting Schedule 2-5 controlled substances prescriptions dispensed by pharmacies and practitioners.
- **How:** Online registration to MAPS is required to request patient and practitioner controlled substance history reports. The supplied documents outline the process for online registration.
- **When:** Consider accessing MAPS when:
  - Patients are in possession of controlled substances and lack documentation.
  - Patients are selling, sharing or borrowing controlled substances.
  - Forged prescriptions appear. Altered prescriptions. Quantity, refills, add.
  - Practitioner issues (physician/pharmacy) based on DEA registration.
  - Red flags.

# Questions

- Updated rules and MAPS frequency of reporting
- Drug that accounts for 1/3 of MAPS data.
- How many states share PMP data?
- When state law, pharmacy rules and federal law conflict? Which to comply with?

# Rule Updates

- BOP Rules Committee/BOP meetings
- Office of Regulatory Reform
- Legislature
- Publish and Post
- Public Hearing/Written Comments
- If major changes back to ORR.
- Promulgated with SOS.

# Three years waiting

- Move from Department of Community Health to LARA
- Move to DCH from former LARA
- Two years to catch up.
- Published with MPA and website
- [www.michigan.gov/healthlicense](http://www.michigan.gov/healthlicense).
- Go to Administrative Rules link

# Major Changes

- Remove rules that were abused.
- Handwritten initials. Electronic
- Daily reporting for MAPS. Was weekly.
- Scan scripts after 3 years (Medicare).
- Stamped signature for non-controlled scripts. Bowel preps.
- Combine controlled and non controlled.

# Legislative Changes

- Emergency Rules
- Drug Take Back Program. All Drugs.
- Disposal of Controlled Substances.
- Compounding Pharmacies.
- Pharmacist in Charge (PIC).
- Pharmacy Technicians. 6 states.
- Rescinded Amphetamine Rule. 1970's

# Exempt From Reporting

- Medications administered directly to patients.
- Dispensing of up to a 48 hour supply from a medical facility.
- Schedule 5 exempt narcotics.
- Controlled substance samples.
- Veterans Administration. Changing
- Methadone treatment centers. CFR 42
- Practitioner dispensing Suboxone/Subutex

# MCLA 333.7333a Access to MAPS data

- Health Professional Boards. Investigation
- Employee or agent of the Department
- State, Federal, or Municipal employee or agent whose duty is to enforce drug laws.
- State operated Medicaid program.
- Practitioner or pharmacist who certifies info is for treatment of bona fide current patient.
- Info used for bona fide drug related criminal investigatory or evidentiary purposes.

# Access to MAPS Data

- Beginning in 2012 and until December 31, 2016, the health care payment or benefit provider for the purposes of ensuring patient safety and investigating fraud and abuse.
- Currently there are 27 PBM users.
- 23,759 Practitioner users. 1,159 LEO
- 5,000 Reports daily.

# Highlights

- MAPS created in 2003.
- Captured 20,991,020 Scripts in 2012
- One drug accounted for 6,758,828 scripts of this total in 2012. Similar results since 2003.
- Accounted for 32.19% in 2012.

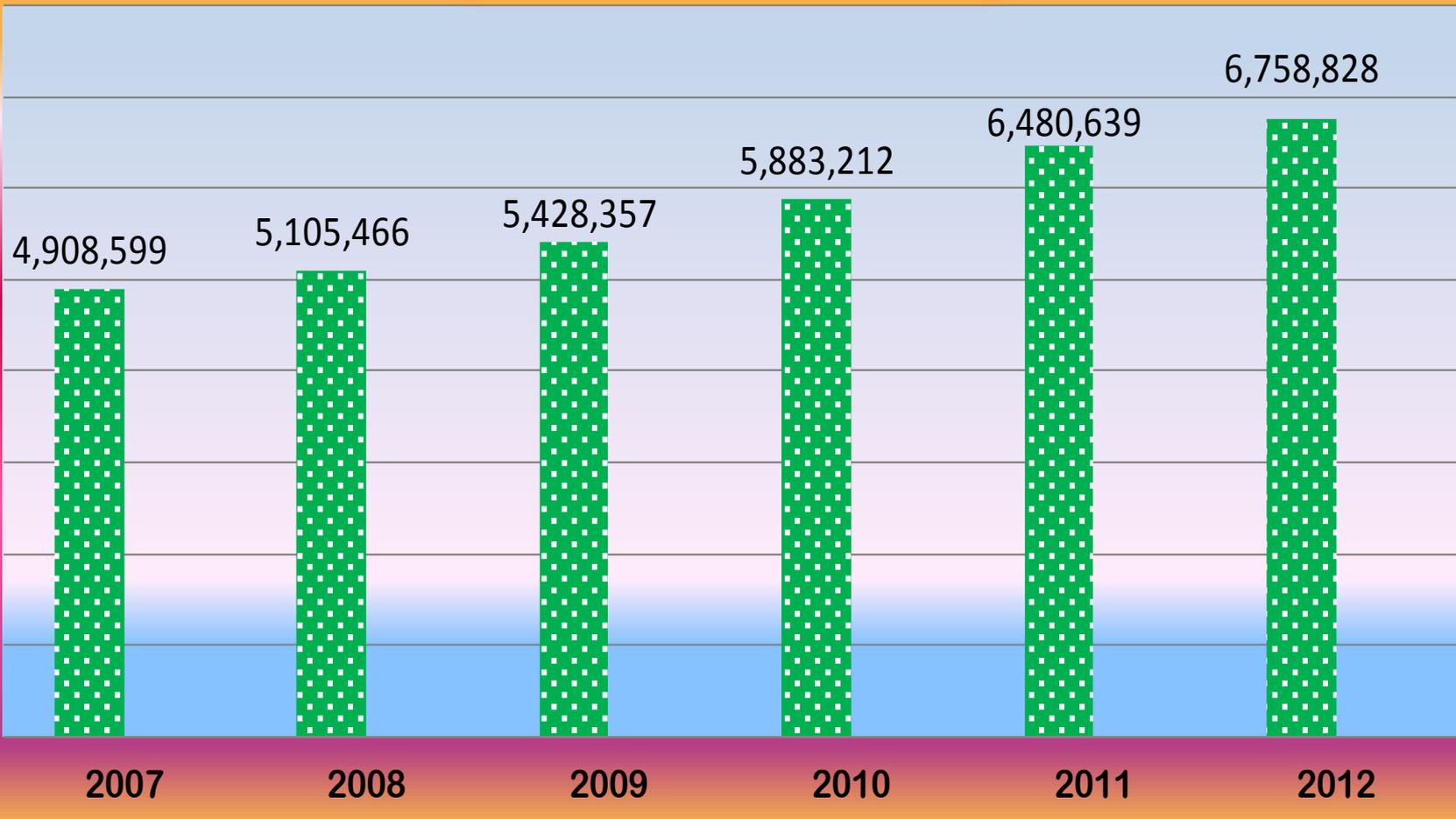
# Hydrocodone combos

- Hydrocodone combined with acetaminophen.
- Vicodin, Norco, Lortab, Lorcet, Xodol and Zydone. FDA reduce acetaminophen 2014
- All Schedule 3.
- Feds petitioned to move to Schedule 2.
- Comment period on Federal Register.

# Hydrocodone 2012

- Total Scripts: 19,479,071
- Scripts in 2011: 6,480,639
- Was: 33.26% of all scripts are hydrocodone.
- In 2012 6,758,828 for 32.19%
- Decrease as a percentage.

# Hydrocodone - All Total Prescriptions - 2012



# Doctor Shoppers 2012

- List in Excel: identified highest physicians at 50 shoppers. Some at 30 to 40.
- One physician claimed no responsibility.
- Combination of abuse and sales.
- Letters focused on groups 2 and 3.
- Legislation passed 12-22-10.

# Doctor Shoppers

- Also “Pharmacy Shoppers”.
- “Insurance Shoppers”.
- SUD. Substance Use Disorder
- Focus on prescriber not pharmacy.
- Physician doesn’t write script.
- Adding Pharmacies with better access.

# Controlled Substances Advisory Commission

- Past Recommendations 2007-2008
- License or registration for Pharmacy Technicians
- Studies of DEA 106 loss reports indicate Techs are major source of diversion in chain pharmacies regarding oxycodone and hydrocodone.
- Doctor Shopper Legislation.

# Doctor Shopper Legislation

- Act No. 354 Public Acts of 2010
- Signed by Governor 12-22-10
- MCL 333.7403
- “A person shall not fraudulently obtain or attempt to obtain a controlled substance or a prescription for a controlled substance from a health care provider.”

# Doctor Shopper Legislation

- Four year felony, \$5,000 fine or both.
- Physician-patient, dentist-patient privilege and any other health professional-patient privilege created or recognized by law do not apply.
- Court may place under 7411.
- Court may order screening and/or rehab.

# OxyContin

- New formulation by Purdue
- Patients calling for old formula. Canada
- Used callous shaver to “peel” tablets.
- Snorting new formula leaves a paste or gel.
- Oxy IR 30mg is popular. 50% to Florida
- Seeing Opana increase.
- Phenergan with Codeine (C-Syrup)

# OxyContin 80mg

- 93,533 Scripts in 2010
- Detroit identified by DEA as source city.
- 34,192 Scripts in 2011
- Decrease of 63.4%
- In 2012, 31,827 down 6.9%

# Opana 40mg

- Oxymorphone long acting
- Expensive
- 10,770 Scripts in 2010
- 47,979 scripts in 2011
- 15,108 scripts in 2012 down 68.5%
- Narcotics Overall up 10.9%

# Oxycodone 30mg IR

- 50% to Florida
- 31,689 Scripts in 2010.
- 113,973 Scripts in 2011.
- 159,423 Scripts in 2012.

# Alprazolam

- alprazolam 1mg 539,215 Scripts in 2010
- alprazolam 1mg 582,656 Scripts in 2011
- alprazolam 1mg 609,007 Scripts in 2012
- alprazolam 2mg 139,400 Scripts in 2010
- alprazolam 2mg 188,134 Scripts in 2011
- alprazolam 2mg 201,605 Scripts in 2012

# Phenergan with Codeine

- 264,210 Scripts in 2010
- 298,492 Scripts in 2011
- Most scripts are for a Pint (480ml)
- Sizzurp.
- Robitussin DM (OTC)

# Phenergan w Codeine

- Popular in street culture
- Purp, Spritz,
- Wholesale price \$11.00 Pint (480ml)
- Pharmacy sells for \$300.00 Pint
- Dealer sells for \$35-40 an ounce.
- Mixed with hydrocodone
- 278,358 Scripts 2012. Decreased 11.1%

# Soma (carisoprodol)

- Schedule IV in January 2012
- Reportable to MAPS
- Popular with hydrocodone combos.
- Higher dose appears to be alcohol.
- 312,009 Scripts in 2012.

# Increases

- Stimulants: Adderall, Concerta
- Buprenorphine: Subutex 8mg 41,480 and 88% increase in 2012. Suboxone generic
- Dilaudid (hydromorphone) 2mg, 4mg and 8mg Increase of 81.5%.
- Percodan/Percocet/Tylox combinations.
- MS Contin 30% Increases. Kadian down.

# Patient Benefits

Pain experts estimate as many as 20% of patients not honest about drug use.

But, that means that 80% are honest (majority)

# Resources Diminished

- Emergency visits with no dispensing.
- Multiple tests.
- Office visits. Pay cash, conceal insurance.
- Medication even when “locked in”.
- Other methods of payment.
- Social and addiction services.

October 15, 2008

«Company»

«FirstName» «Last Name»

«Address1»

«City», «State» «Postal Code»

Dear «Title»:

The Michigan Automated Prescription System (MAPS) program has identified your patient «Patient», «DOB», «Address2», who appears to be seeking treatment from multiple physicians and obtaining controlled substance prescriptions of a similar nature from these practitioners.

It is suggested that you obtain controlled substance prescription data on the patient identified above and communicate with other health care providers who are treating this patient. You may access MAPS data via a link on our website at: [www.michigan.gov/healthlicense](http://www.michigan.gov/healthlicense) and click on the MAPS link. Enclosed please find a listing of physicians in Michigan that provide an office based treatment program for opiate addiction that may be shared with the patient. There are other options available in addition to opiod treatment such as referral to a pain specialist, or requiring the patient to enter into an agreement which limits their treatment to a specific physician and pharmacy. Please consider all of the options that are available to you and your patient.

If you have any questions or need additional information, please contact our office at the phone number listed below, or at our e-mail address: [mapsinfo@michigan.gov](mailto:mapsinfo@michigan.gov).

Sincerely,

Bureau of Health Professions  
Health Investigation Division  
(517) 373-1737

Enc.

# Dr Shoppers 2011-2012

- Shoppers at 10 or more: 49
- Shoppers at 6 or more: 530
- Alerts Per month: 1846 August '11

# Dr. Shoppers 2013

- February of 2013: 993 Alerts
- Shoppers at 10 or more: 1
- 98% decrease
- Shoppers at 6 or more: 124
- 77% Decrease.

# Doctor Shoppers

- Automated for six or more docs/scripts monthly.
- Occasionally, family or practitioners become concerned for shopper hitting less than 6 docs/scripts.
- E-mail to: [mapsinfo@michigan.gov](mailto:mapsinfo@michigan.gov)
- Full name of patient, dob, address.

# When MAPS is not used

- Lack of knowledge.
- False beliefs (time consuming, staff)
- Stubborn. Practiced for years w/o database.
- Fear that knowledge will require action.
- Lack of reimbursement.
- Time consuming.

# New Law in Ohio

- Requires Boards to create rules for PMP.
- Will require practitioner to use when:
  - Evidence of diversion.
  - Respond to “Red Flags”
- OARRS does communicate with MAPS.
- Other states will be involved with data.
- Kentucky HB 1

# NABP Data “Hub”

- Eventually NABP wants to collect data.
- Leverage PMP’s with chains to run data reports automatically when script dispensed.
- Talk of adding non-controlled drugs for disasters and other emergencies such as visit to ER when unconscious.
- Integrate with HIE, EMR.

# Data Sharing

- AZ, KS, ND, CN, KY, OH, IL, SC, IN, NM, VA. 26 have committed to NABP.
- Twelve States Sharing. PMPi
- Nebraska PMP by HIE
- Hub operated by NABP (National Association of Boards of Pharmacy) located in Chicago Illinois.

# Electronic Medical Records

- EHR or HIE in each state.
- Dr. First Project in Michigan kept open.
- Indiana HIE project.
- Key to PMP usage is access.
- Even 1 minute in hospital ER, Urgent Care or busy Pharmacy is too long.

# Electronic CS Scripts

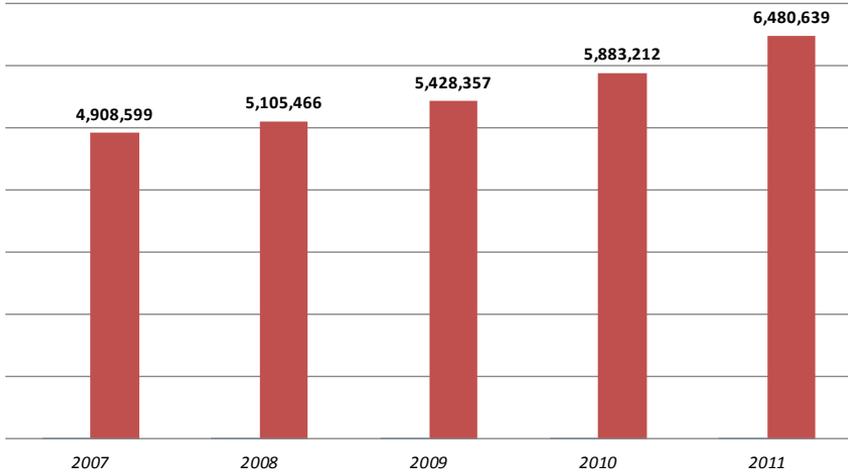
- DEA has approved some vendors.
- Pharmacies are being approved.
- Two factor identification with a pin and electronic key or card.
- ASAP 4.1 for MAPS reporting will allow electronic scripts to be reported directly after dispensing by pharmacy.

# Responsible Opioid Prescribing

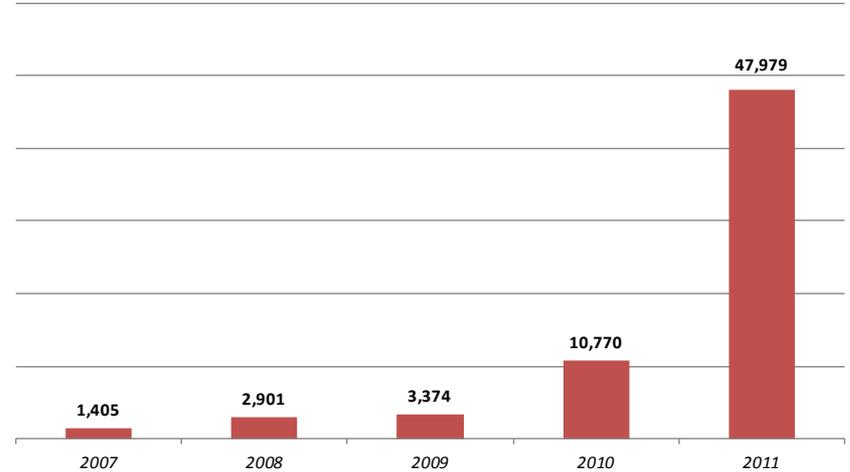
## A guide for Michigan Physicians by Scott M. Fishman, MD

- FSMB Model Policy.
- Mailed to all physicians with a Michigan address.  
M.D. and D.O. also Midlevel practitioners.
- Dentists, Pharmacists, Psychologists, Podiatrists.
- Opportunity for CME.
- Michigan guidelines on website.
- Measures pain by function rather than subjective  
number of 1 to 10.

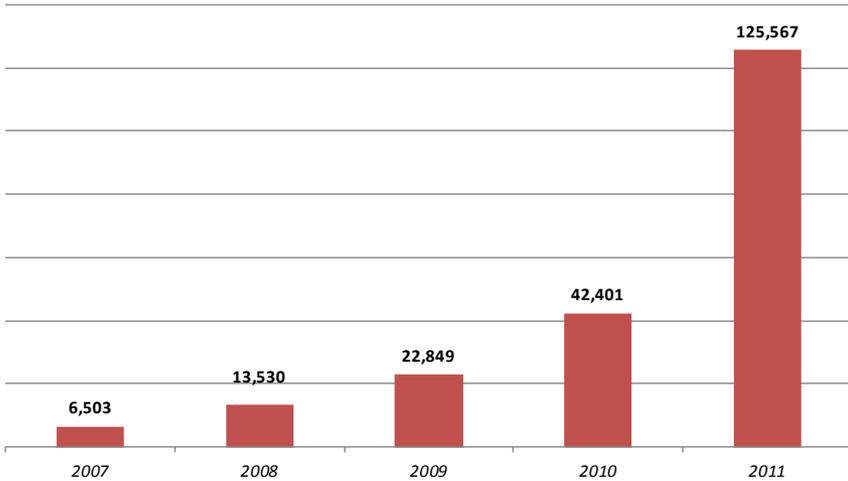
**Hydrocodone - All  
Number of Prescriptions**



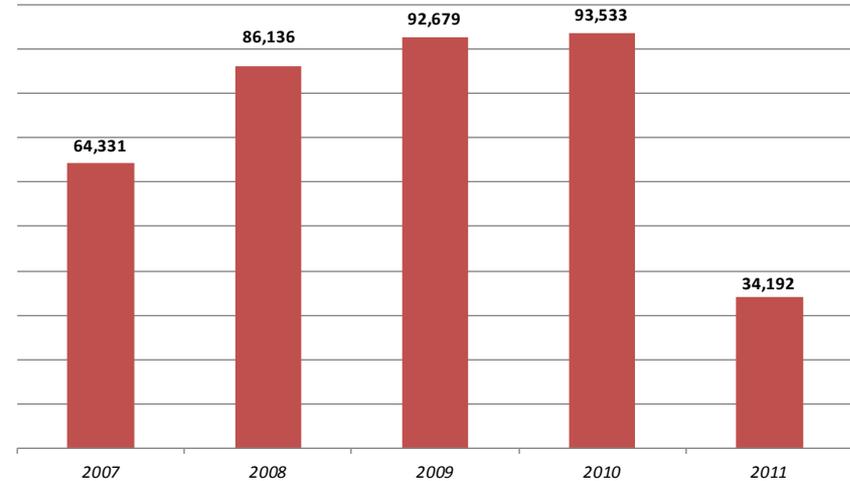
**Opana 40mg  
Number of Prescriptions**

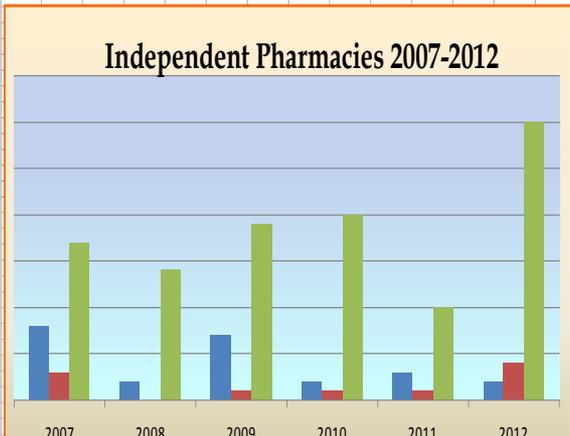
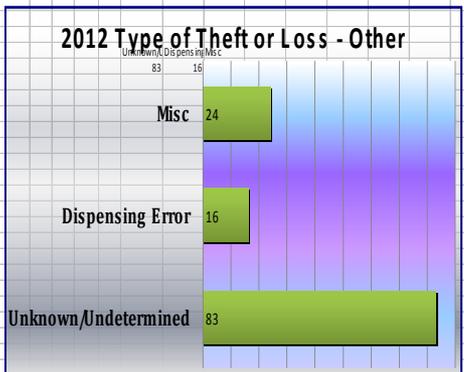
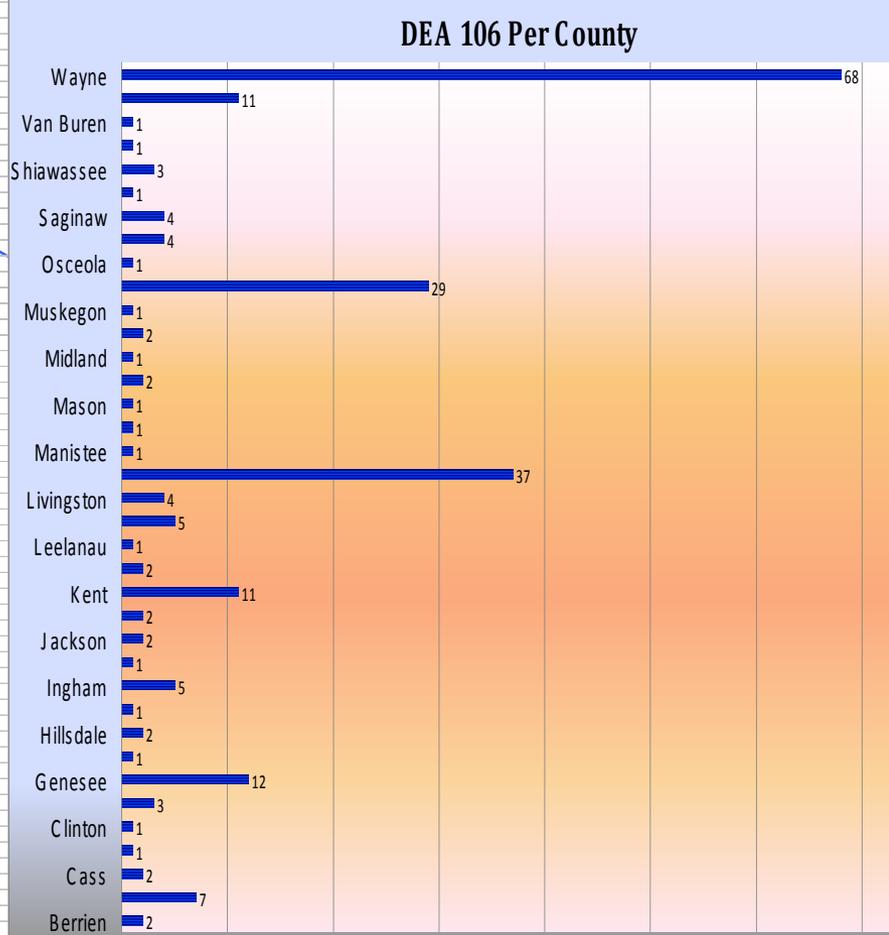
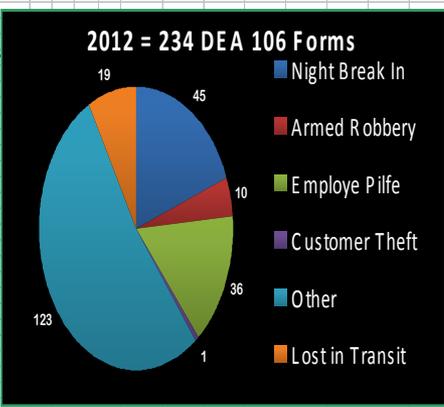


**OxyContin 30mg  
Number of Prescriptions**

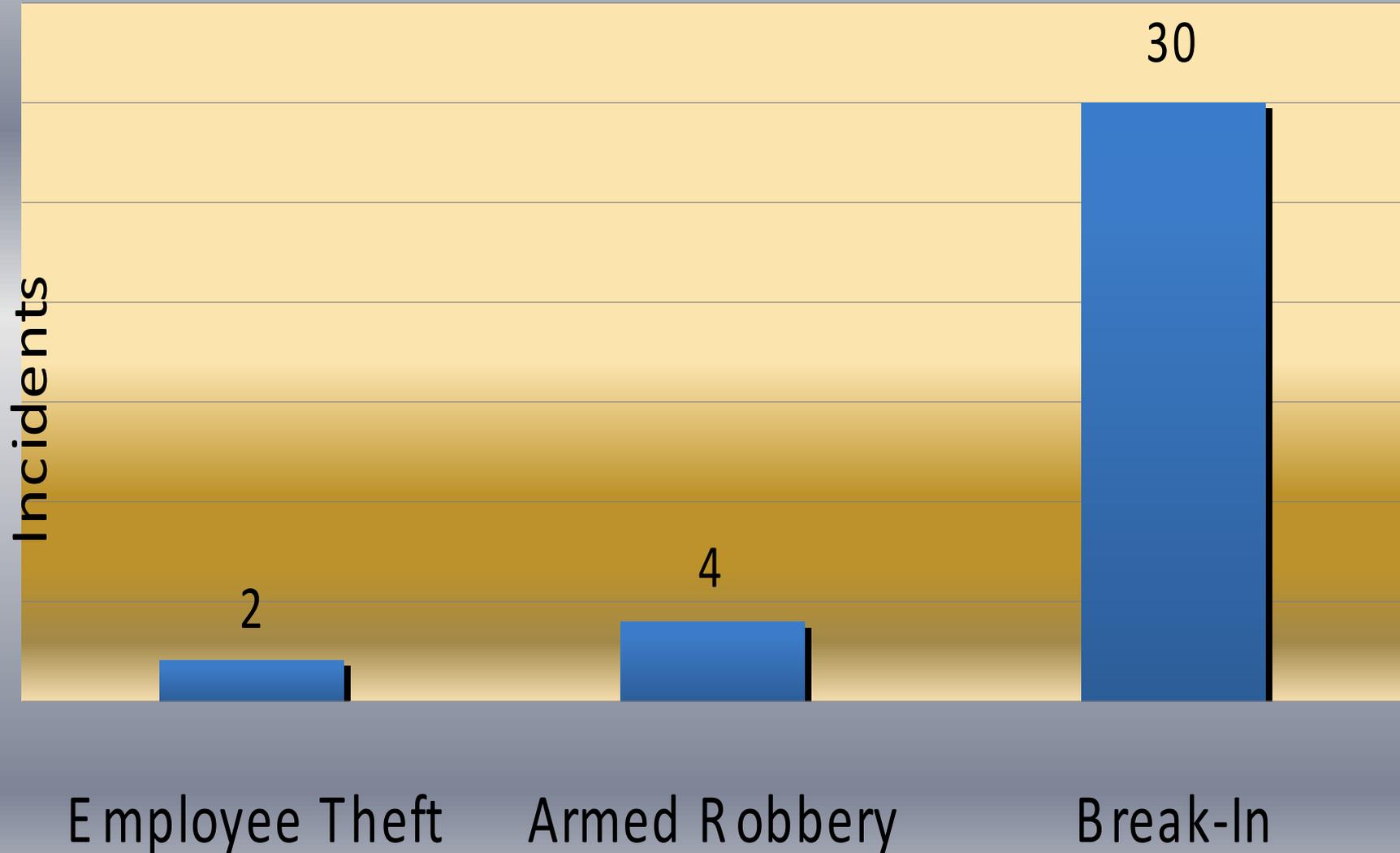


**OxyContin 80mg  
Number of Prescriptions**

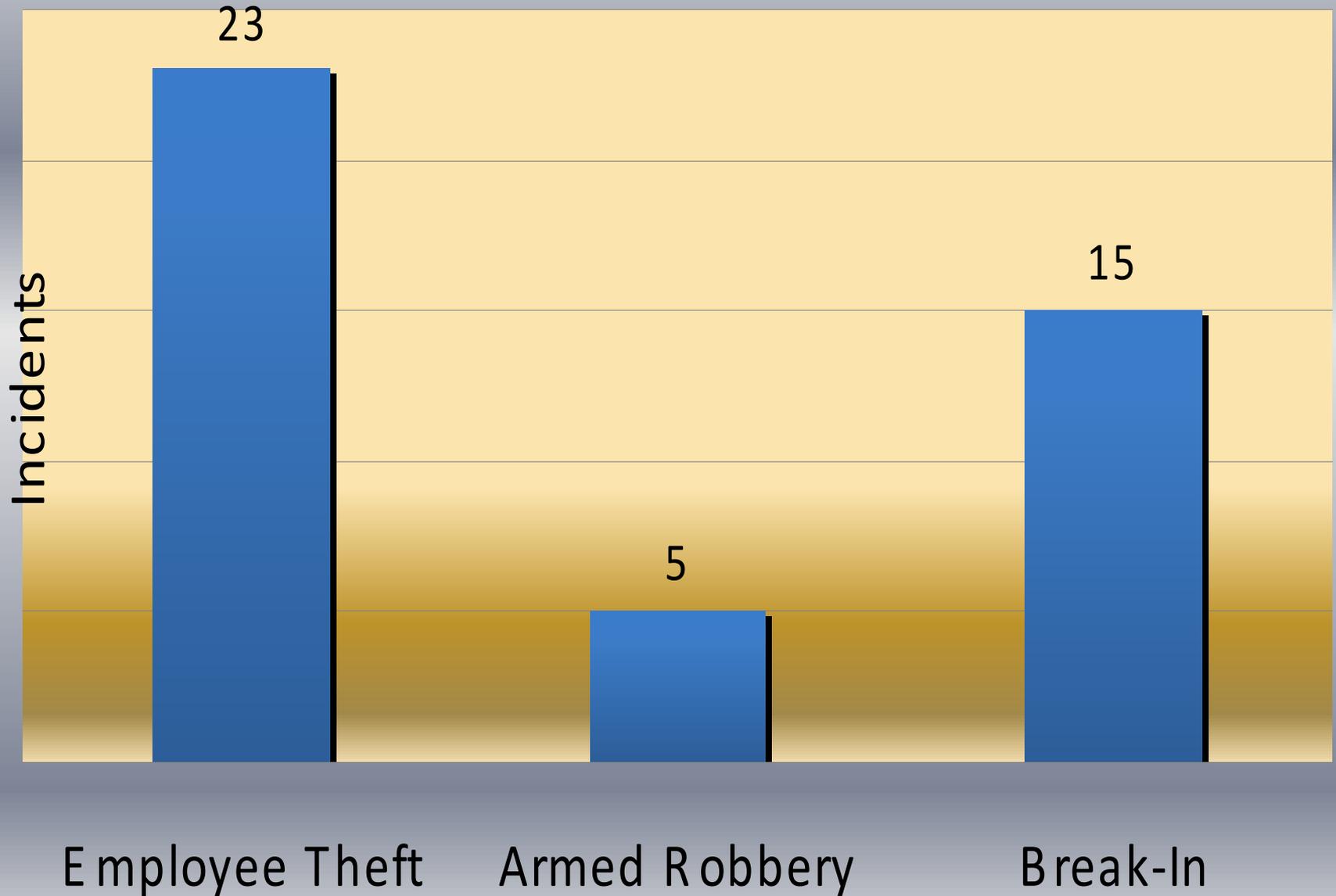




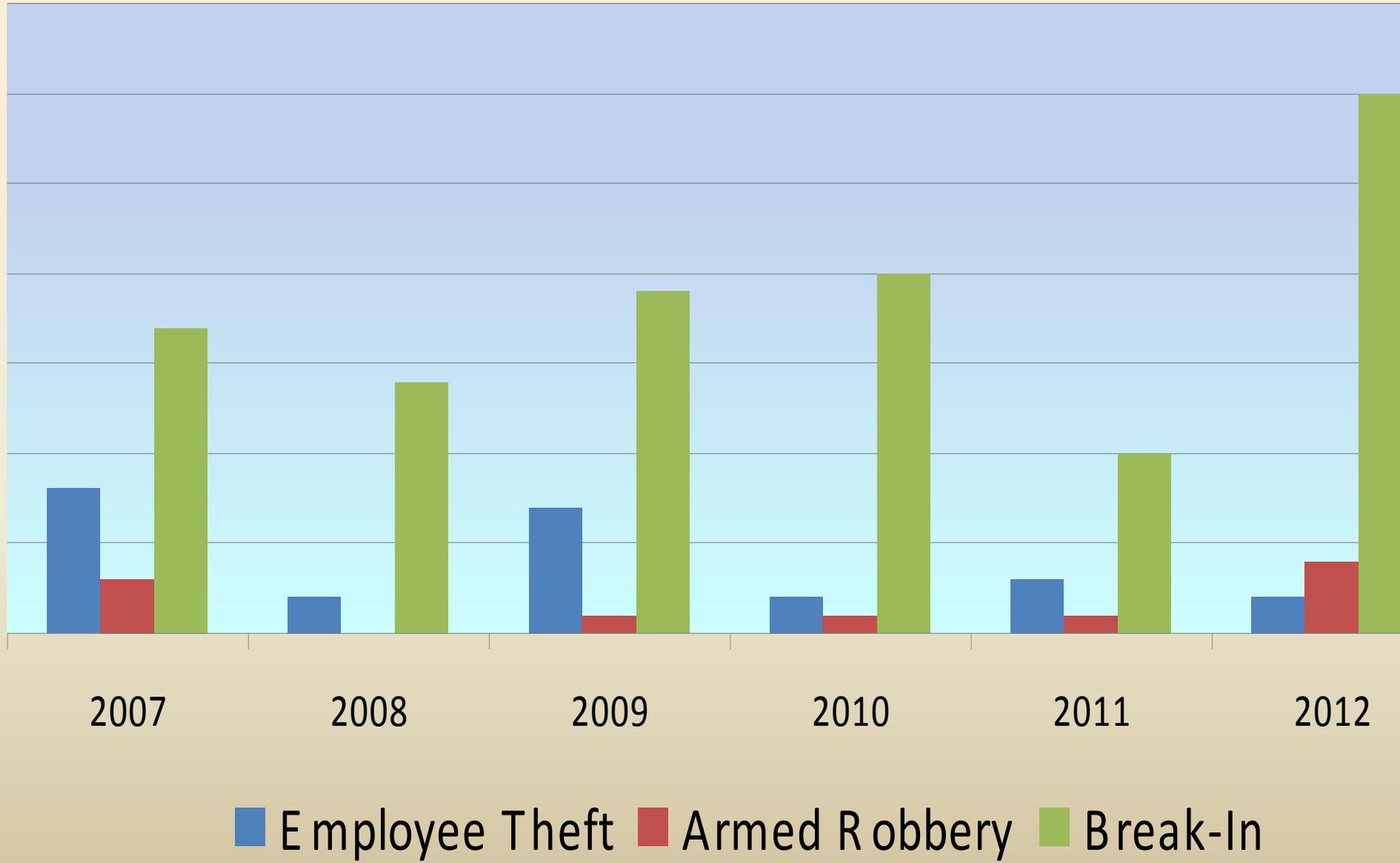
# Independent Pharmacies 2012



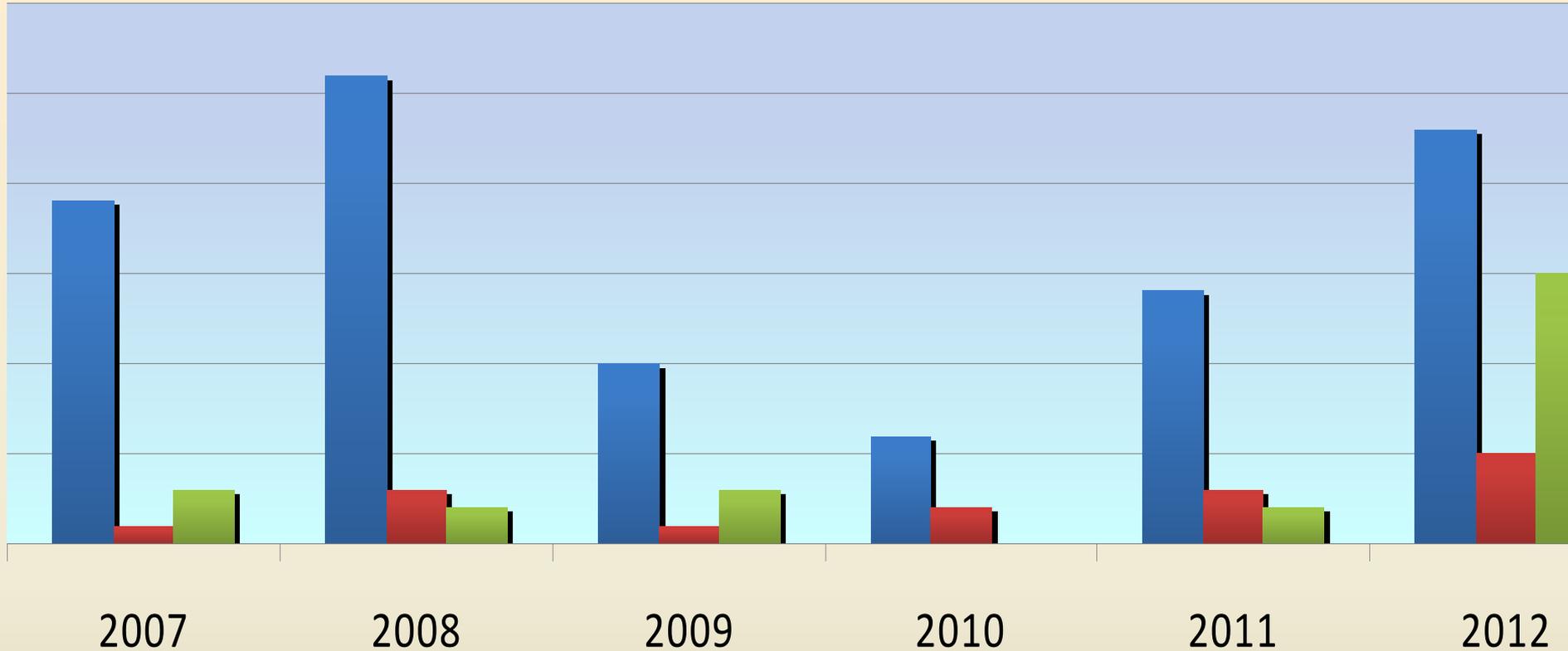
# Chain Pharmacies 2012



# Independent Pharmacies 2007-2012



# Chain Pharmacies 2007-2012



Employee Theft

Armed Robbery

Break-In

# MAPS

— This office utilizes the —  
**Michigan Automated Prescription System**

**IN PARTNERSHIP WITH  
THE STATE OF MICHIGAN AND**

MONROE ▲ COUNTY  
**SUBSTANCE ABUSE**  
— COALITION —

[WWW.MONROEDRUGFREE.ORG](http://WWW.MONROEDRUGFREE.ORG)

MICHIGAN.GOV

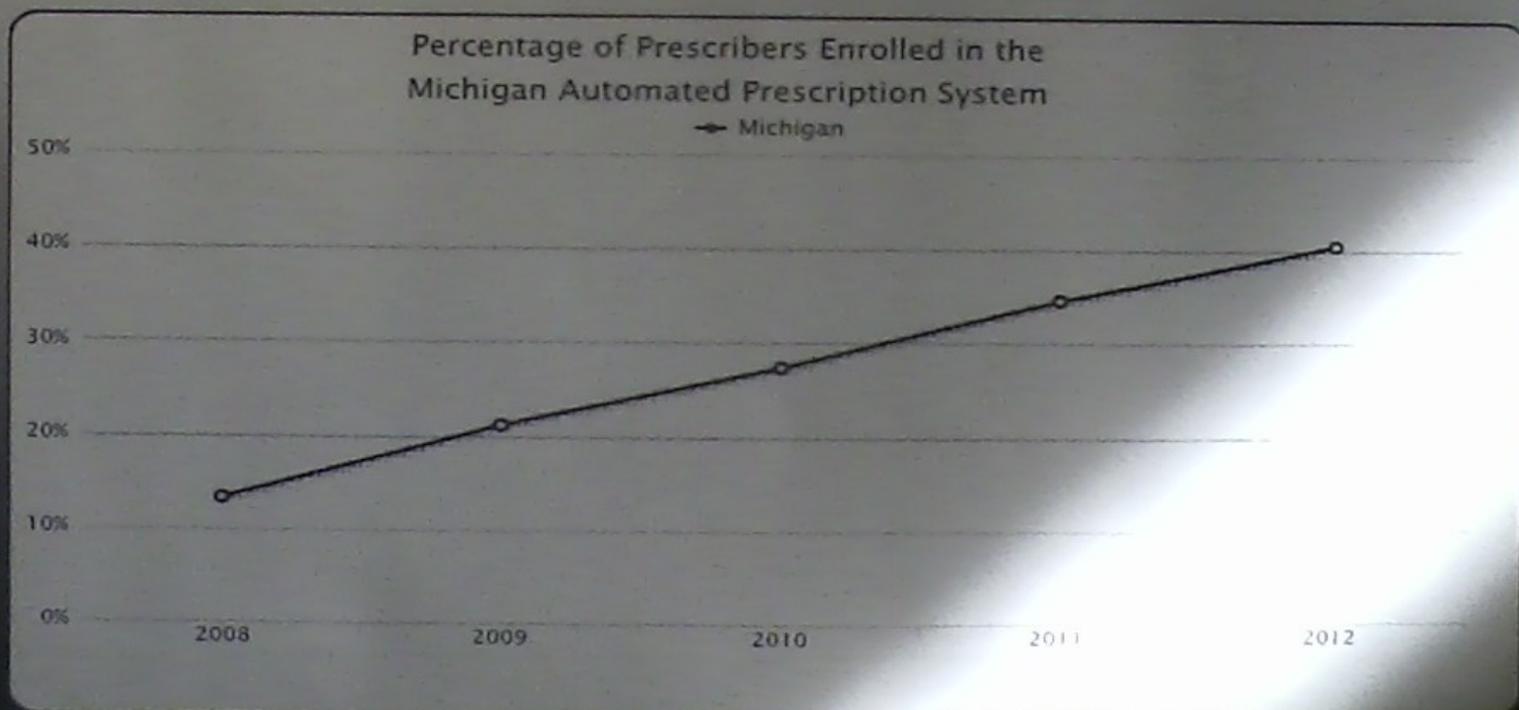
OPEN MICHIGAN

Mi Dashboard

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### Percentage of Prescribers Enrolled in the Michigan Automated Prescription System

**Why it Matters:** There are people identified as "doctor shoppers" that deceive doctors and pharmacists. They go to multiple doctors multiple prescriptions written for them, and get the prescriptions filled, so that they can use and sell drugs illegally. The prescribers and pharmacists that are enrolled in the Michigan Automated Prescription System are able to track what medications the individual has in the past and how often they have done so. This helps to prevent prescribers and pharmacists from giving prescriptions to people who abuse them or sell them to others.



Source: Michigan Automated Prescription System

Updated annually in January



# State of Michigan

- Department of Licensing and Reg. Affairs
- Bureau of Health Care Professions
- Health Investigation Section
- [mapsinfo@michigan.gov](mailto:mapsinfo@michigan.gov)
- [www.michigan.gov/healthlicense](http://www.michigan.gov/healthlicense)
- [www.michigan.gov/mimapsinfo](http://www.michigan.gov/mimapsinfo)
- 517-373-1737