

# MAPS

Michigan Automated  
Prescription System



# **What Benefit will the Practitioner obtain from MAPS?**

**The ability to access data state wide to determine – all controlled substances – dispensed to a particular patient. Improve patient care.**

# Scripts Reported in 2006, 2007, 2008

- 15,989,785
- 16,803,988
- 17,254,281

# MAPS REQUESTS 2009

>500,000

CURRENTLY AVERAGING

> 1400 DAILY 24/7

42,000/month

OVER 99% ON LINE

# Reports

- Data reported twice monthly on 1<sup>st</sup> and 15<sup>th</sup>. May adjust up to 2 days in each direction. Errors can also delay data entry. Move to weekly eventually for NASPER next BOP ruleset.
- Real time reporting is the goal.

# Doctor Shoppers

Three main groups:

Substance Abuse

Generate Income

Abuse and Income

# Michigan Automated Prescription System

Monthly Patient Report for the Period : Aug 08

Patient Last Name	Patient First Name	Date Of Birth	No. Of Practitioner Visited
	EDWIN	05/07/1951	12
	MARIANNE	02/15/1956	9
	FELICIA	12/02/1974	12
	JAMES	12/10/1959	10
	MCKINLEY	01/09/1951	11
	JULIE	10/27/1979	9
	WILLIAM	10/12/1973	8
	ROBERT	01/08/1944	9
	GAYLE	10/18/1955	9
	EDWARD	06/12/1967	8
	NEIL	07/17/1978	8
	JOHN	06/10/1959	16
	DEBORAH	05/04/1953	11
	ANNETTE	09/01/1950	8
	LEROY	05/31/1949	9
	JENNIFER	09/06/1981	8
	BILL	01/19/1993	9
	NATHANIEL	04/10/1959	10
	CARL	06/18/1977	11
	FRED	02/28/1957	8
	ROCCO	07/10/1949	26
	SHARON	02/27/1955	9
	WILFORD	11/02/1948	8
	SHANNON	01/15/1970	8
	JANICE	09/26/1964	11
	STEPHANIE	12/15/1941	8
	WILLIE	06/21/1949	8
	PAUL	12/15/1969	9
	KRISTA	08/18/1976	9
	EARL	06/19/1951	8
	CYNTHIA	01/02/1964	13
	TOMAR	07/09/1952	10
	VALERIE	03/29/1956	12
	DIANNE	03/13/1960	8
	ROSALYN	03/05/1957	10
	RONNIE	05/12/1959	13
	MATTHEW	12/27/1940	8
	THURMAN	09/24/1938	9
	LEON	06/17/1948	8

# MAPS Running Reports

- Patients obtaining scripts >7 docs a month.
- Letters to practitioners.
- Surveys and outcomes for shoppers.
- Shoppers conceal or alter identity.
- Use multiple pharmacies.
- Multiple scripts on same day.
- 267 patients first month (July 08)
- 203 patients 2<sup>nd</sup> month (Aug 08)
- 228 patients 3<sup>rd</sup> month (Sept 08)

# Monthly Reports

- August 2009 total of 102 patients
- 30 patients at 10 or more.
- Compare to 104 patients July 2008
- Downside is many of the names repeat.

# Letters and Surveys

- Since August 2008. Monthly reports
- 4,475 letters and surveys since Oct. 1, 2008
- 1,745 returned
- 39% return rate

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.

# Letters to Practitioners

May resolve shoppers in group 1  
Shoppers in group 2 find new  
doctors and pharmacies.

# Surveys

- 72 y/o physician: 29 surveys returned.
- Answered yes to 6 and 7a
- Patient must see 10 docs / month or more.
- Question #1: yes 83%
- Question #2: yes 35%
- Question #3: yes 79%

# Surveys

- Question #4a: yes 31% NA 59%
- Question #4b: yes 13% NA 72%
- Question #4c: yes 13% NA 72%
- Question #4d: yes 29% NA 61%
- Question #5: yes 82%
- Question #6: yes 67%
- Question #7a: yes 68%

# Registered Users

- New Users: 395 in July 2009
- Total Users: 10,500
- Potential Users: 50,000 (All: 70,000)
- Out of state/practice type

# Balance: Diversion vs Access

- NASPER signed in 2005
- 30 million first 2 years based on stores.
- Harold Rogers Grants 8-10 million.
- BJA: Bureau of Justice Assistance
- Department of Justice.
- Law Enforcement.

# 2009 New Funding

- Stimulus Act 2009
- 2 million HHS (Health Human Services)
- SAMHSA
- Substance abuse and mental health
- Grant for intervention program.
- Office Drug Control Policy
- Medicaid patients.

# MAPS 2005

- Schedule 2 increased 7.7%
- Schedule 3 increased 5.3%
- **hydrocodone increased 10.09%**
- Schedule 4 increased 1.05%
- Schedule 5 increased 9.18% (Lyrica)
- Overall increase of 4.87%
- Stadol decreased 12.65%

# MAPS 2006

- Schedule 2 increased 21%
- Schedule 3 increased 10.7%
- hydrocodone increased 13.2%
- Schedule 4 increased 10.3%
- Schedule 5 increased 34.2% (Lyrica)
- Grand Total Increase of 11.4%
- Almost 16 million prescriptions.

# OxyContin 80mg

- Top physician: 72 y/o near Lansing
- 2,814 scripts in 6 months
- 15 daily. Next physician at 1,624 scripts
- Top Pharmacy 4,306 scripts
- 23 daily.
- Express Scripts: 495 scripts
- 3 daily

# MAPS 2007

- Schedule 2 increased 7.2%
- Schedule 3 increased 15.3% (Suboxone)
- **hydrocodone increased 6.8%**
- Schedule 4 increased 4.3%
- Schedule 5 increased 9.3% (Lyrica)
- Overall increase of 5.1%

# hydrocodone/acetaminophen

- Total 2005 prescriptions: 14,355,989  
hydrocodone accounts for 28.29%
- All prescriptions increased 9.5% in 2004
- All prescriptions increased 4.87% in 2005
- Hydrocodone increased 13.2% in 2006 to  
4,596,486 of 15,989,785 prescriptions  
28.7% of the total (more than 1 of 4)
- *hydrocodone increased at more than  
twice the rate of increase for all  
others in 2005 and 2006.*

# Hydrocodone 2007

- Total of 4,908,599
- Increase of 6.8%
- *Hydrocodone accounts for 29.2% of all controlled substance scripts dispensed in 2007. This is more than 1 in 4 and approaching 1 in 3 of all cs scripts.*

# Hydrocodone 2008

- Total of 5,161,390
- Increase of 5.14%
- *Hydrocodone now accounts for 29.9% of all controlled substance prescriptions.*
- *Increase every year since 2005*

## Schedule II MAPS Data

- 2004: 2.04 million (15.8%)
- 2005: 2.2 million (7.7%)
- 2006: 2,657,261 increase of 21%
- 2007: 2,865,784 increase of 7.2%
- 2008: 2,977,576 increase of 3.9%

Increase in Schedule 2 scripts  
linked to improved patient  
care regarding pain.

Diversion of Schedule 2  
doesn't appear to have  
increased with exception of  
OxyContin 80mg. Increased  
incidence of “prescription  
mills” of 1970's.

# Patient Benefits

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

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

\*Suboxone 2005: 25,798

Suboxone 2006: 50,259

Increase of 108%

Suboxone 2007: 91,079

Increase of 81.2%

# Suboxone 2008

- Suboxone 2008: 151,104
- Increase of 65.9%
- Patent expires late 2009



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Health Professional Recovery Program

- Health Professional Recovery Program

The Health Professional Recovery Program (HPRP) was established by the Legislature in 1993 as part of a disciplinary reform effort. The HPRP is a confidential, non-disciplinary program designed to assist licensed or registered health professionals recover from substance abuse/chemical dependency problems or a mental health problem.

The toll-free number for the HPRP is 800-453-3784.

The next HPRP meeting is scheduled for Monday, December 17, 2007, at 9:30 a.m. in the Ottawa Building, UL Conference Room 4.

For more information on the [Health Professional Recovery Program](#)

[HPRP Annual Report](#)

- [Health Professional Recovery Program Brochure](#)
- [Health Professional Recovery Committee](#)

Michigan Automated Prescription System

- [Notice to Patients Obtaining Controlled Substances Dispensed by a Pharmacy or Physician](#) PDF
- [Internet Prescribing and Prescription Warning](#) PDF
- [MADS Online](#)

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- Local Health Department Map
- GENDIS - Genealogical Data





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# State of Michigan

- Department of Community Health
- Bureau of Health Professions
- Health Investigation Division
- [mapsinfo@michigan.gov](mailto:mapsinfo@michigan.gov)
- [www.michigan.gov/healthlicense](http://www.michigan.gov/healthlicense)
- MAPS <https://sso.state.mi.us/>
- 517-373-1737