

Michigan Automated Prescription System Drug Utilization Report – Year 2014

April 11, 2018

Prepared by

Kimberly Gaedeke, Acting Deputy Director

Department of Licensing and Regulatory Affairs



**RICK SNYDER
GOVERNOR**



**SHELLY EDGERTON
DIRECTOR**

Table of Contents

Background.....	3
Summary.....	3
Overview.....	4

Background:

The Michigan Automated Prescription System (MAPS) is the State's controlled substance prescription monitoring program within the Bureau of Professional Licensing (BPL), Michigan Department of Licensing and Regulatory Affairs (LARA). Board of Pharmacy Administrative Rules 338.3162b and 338.3162d state all pharmacies, dispensing practitioners and veterinarians who dispense controlled substances, schedules 2-5, are required to electronically report this prescription data to MAPS on a daily basis, effective July 1, 2014. The Drug Utilization report is posted annually for statistical purposes.

The 2014 Drug Utilization Report is updated to reflect dispensed controlled substances, schedules 2-5, contained within MAPS post-migration to Appriss Health's PMP AWARxE software.

Summary:

The information contained in this report provides the totals of controlled substances, schedules 2-5, dispensed between January 1, 2014 and December 31, 2014 that have been reported to MAPS at the time this report is generated. Additional tabs on the spreadsheet provide the totals of controlled substances, schedules 2-5, dispensed by:

- Prescriber county
- Dispenser county
- Patient county

Please note "unspecified" drug names are prescriptions reported to MAPS with a drug schedule, but are associated to a new National Drug Code (NDC) or an NDC not found on the Food and Drug Administration's (FDA) website. At the time of reporting, the NDCs were not updated and/or not recognized on the FDA website, which represents less than 0.5%-1% of total dispensations.

The following page provides an overview of the controlled substances, schedules 2-5, dispensed between January 1, 2014 and December 31, 2014 that have been reported to MAPS at the time this report is generated. The overview provides the following:

- Total prescriptions
- Total prescriptions quantity
- Total prescriptions days supply
- Total prescriptions opioid MMEs (excluding buprenorphine)
- Prescriptions by drug schedule vs. average days supply
- Total prescriptions by drug schedule for each month
- Graph of prescriptions by month
- Percentage prescriptions greater than 90 MMEs
- Patient demographic environment, generated using Census data
 - Urban
 - Rural
 - *Unspecified
- Percentage new prescriptions vs. refill prescriptions
- Percentage opioid prescriptions vs. non-opioid prescriptions



Prescriptions
20,904,764



Quantity
1,374,422,288

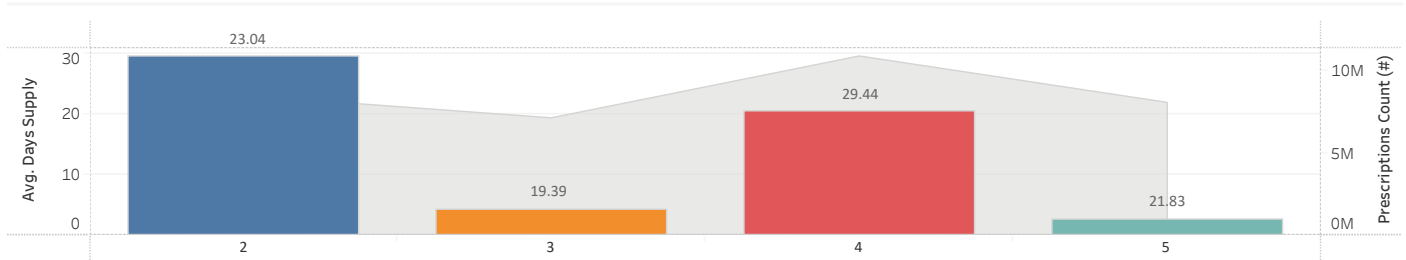


Days Supply
500,364,144



Total Opioid MME
9,485,095,959
*Excluding Buprenorphine

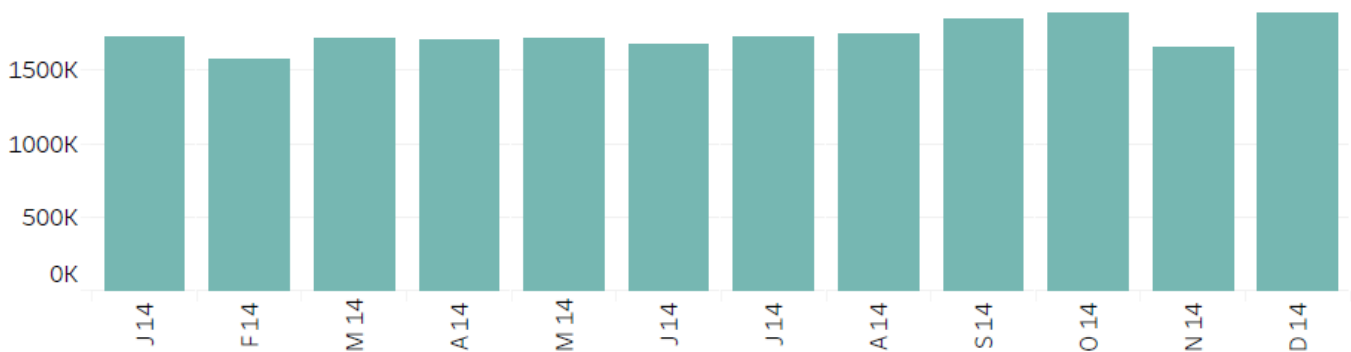
Prescriptions by Drug Schedule vs. Avg. Days Supply



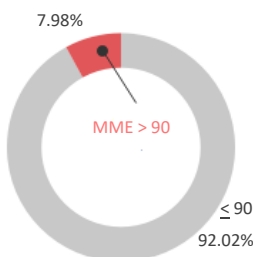
Prescriptions by Drug Schedule Listing

Mon Year	FISCAL Year	Schedule 2	Schedule 3	Schedule 4	Schedule 5
JAN 2014	2014	923,621	129,701	585,249	97,137
FEB 2014	2014	848,588	117,358	534,109	75,660
MAR 2014	2014	923,282	126,566	581,243	80,821
APR 2014	2014	924,349	126,675	579,450	78,682
MAY 2014	2014	940,242	126,992	580,326	74,734
JUN 2014	2014	908,655	123,748	568,594	67,667
JUL 2014	2014	948,407	127,641	597,422	66,468
AUG 2014	2014	921,280	122,171	636,498	65,531
SEP 2014	2014	928,521	124,077	715,819	78,566
OCT 2014	2015	907,338	146,747	748,931	85,814
NOV 2014	2015	792,447	133,437	659,600	78,677
DEC 2014	2015	892,703	148,843	741,666	112,711
GRAND TOTAL		10,859,433	1,553,956	7,528,907	962,468

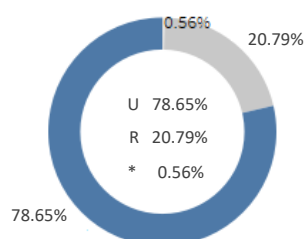
Prescriptions by Month and Year



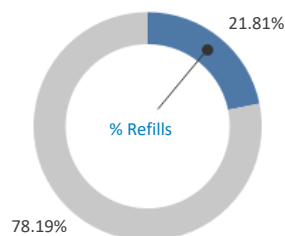
% Prescriptions > 90 MME vs. All



Patient Demographic Environment
% Prescriptions



New vs. Refill Prescriptions (%)



Opioids vs. Non-Opioids (%)

