Michigan Automated Prescription System
Drug Utilization Report – Year 2016

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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. The Drug Utilization report is posted annually for statistical purposes.

The 2016 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, 2016 and December 31, 2016 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, 2016 and December 31, 2016 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

Michigan 2016
Drug Utilization Report Overview

Report Generated: March 26, 2018

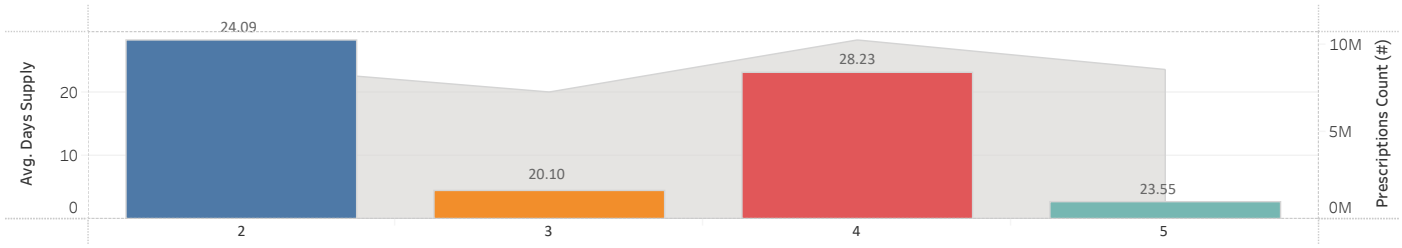
Prescriptions
21,092,674

Quantity
1,374,501,494

Days Supply
514,295,608

Total Opioid MME
9,183,983,146
*Excluding Buprenorphine

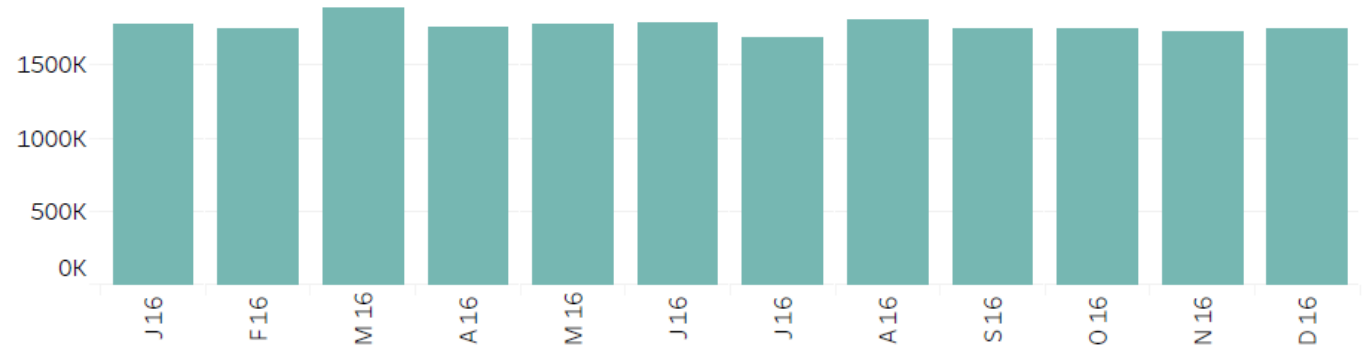
Prescriptions by Drug Schedule vs. Avg. Days Supply



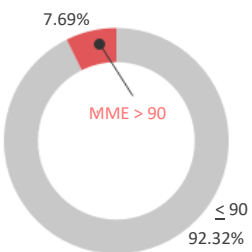
Prescriptions by Drug Schedule Listing

Mon Year	FISCAL Year	Schedule 2	Schedule 3	Schedule 4	Schedule 5
JAN 2016	2016	854,800	130,676	694,201	91,441
FEB 2016	2016	837,600	128,756	678,277	95,250
MAR 2016	2016	906,170	139,841	737,516	100,686
APR 2016	2016	844,843	132,316	690,482	82,733
MAY 2016	2016	851,140	133,323	697,873	76,703
JUN 2016	2016	858,348	136,840	713,187	70,885
JUL 2016	2016	809,432	128,337	675,152	64,323
AUG 2016	2016	867,704	139,618	722,277	69,622
SEP 2016	2016	844,339	132,348	688,094	74,168
OCT 2016	2017	833,593	132,409	682,536	81,562
NOV 2016	2017	832,068	130,390	675,159	86,180
DEC 2016	2017	838,487	132,429	675,568	92,992
GRAND TOTAL		10,178,524	1,597,283	8,330,332	986,545

Prescriptions by Month and Year

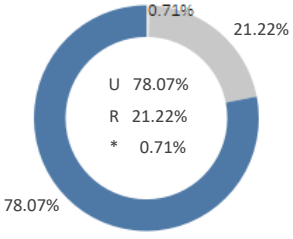


% Prescriptions > 90 MME vs. All

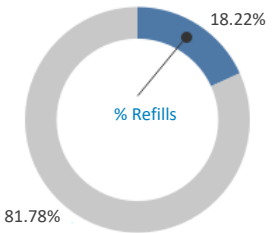
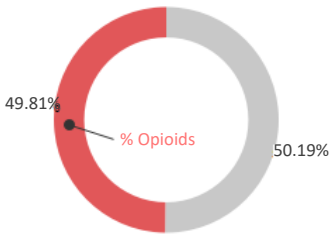


Patient Demographic Environment

% Prescriptions



New vs. Refill Prescriptions (%)



Opioids vs. Non-Opioids (%)