

# **Michigan Automated Prescription System Drug Utilization Report – Year 2017**

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**Prepared by**

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

## **Summary:**

The information contained in this report provides the totals of controlled substances, schedules 2-5, dispensed between January 1, 2017 and December 31, 2017 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, 2017 and December 31, 2017 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 2017 Drug Utilization Report Overview

Report Generated: March 27, 2018



**Prescriptions**  
**19,943,203**



**Quantity**  
**1,264,366,171**

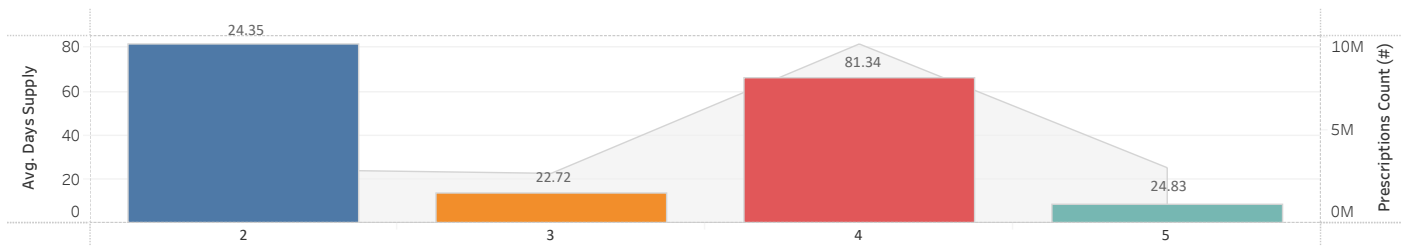


**Days Supply**  
**495,278,934**



**Total Opioid MME**  
**7,960,705,895**  
\*Excluding Buprenorphine

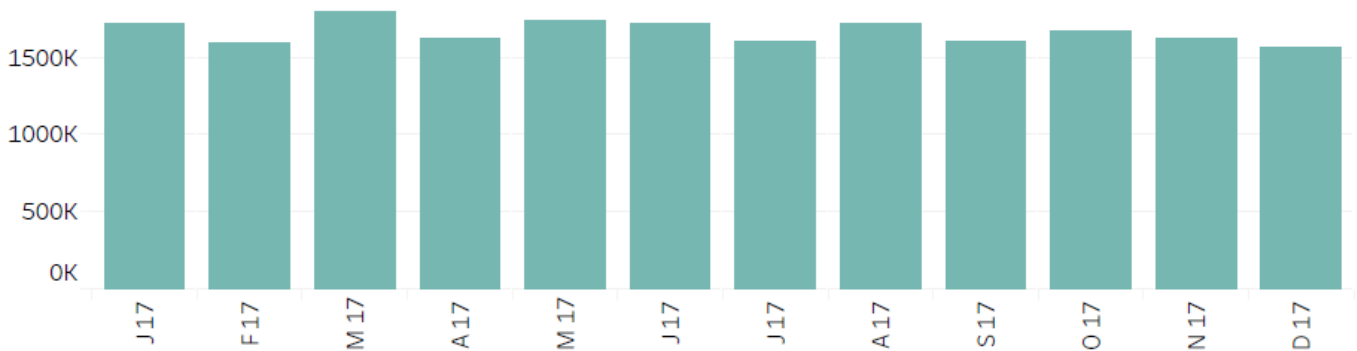
## Prescriptions by Drug Schedule vs. Avg. Days Supply



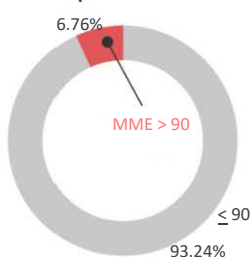
## Prescriptions by Drug Schedule Listing

Mon Year	FISCAL Year	Schedule 2	Schedule 3	Schedule 4	Schedule 5
JAN 2017	2017	818,289	131,738	670,224	96,274
FEB 2017	2017	764,674	121,229	616,014	91,455
MAR 2017	2017	866,998	136,735	697,128	98,846
APR 2017	2017	776,608	123,811	633,447	78,984
MAY 2017	2017	843,942	136,133	688,015	78,241
JUN 2017	2017	825,453	134,362	677,546	71,723
JUL 2017	2017	769,062	127,309	644,449	65,943
AUG 2017	2017	822,569	137,690	679,313	69,825
SEP 2017	2017	771,843	127,955	629,135	72,698
OCT 2017	2018	801,176	133,333	653,146	79,182
NOV 2017	2018	775,945	128,842	627,667	81,913
DEC 2017	2018	750,612	124,899	604,935	85,893
GRAND TOTAL		9,587,171	1,564,036	7,821,019	970,977

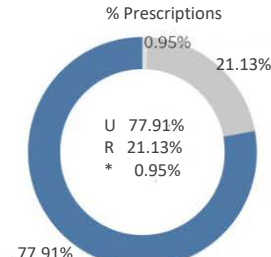
## Prescriptions by Month and Year



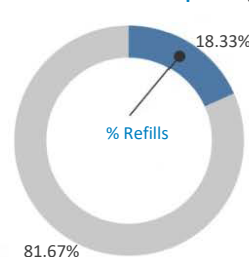
### % Prescriptions > 90 MME vs. All



### Patient Demographic Environment



### New vs. Refill Prescriptions (%)



### Opioids vs. Non-Opioids (%)

