Michigan Automated Prescription System
Drug Utilization Report – Year 2020

April 5, 2021

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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.

Summary:

The information contained in this report provides the totals of controlled substances, Schedules 2-5, dispensed between January 1, 2020 and December 31, 2020 that have been reported to MAPS at the time this report is generated. This report was generated April 5, 2021. Information contained in this report includes:

- Age groups
- American Hospital Formulary Service (AHFS) drug description
- Drug schedule
- Drug name, strength, and form
- Total prescriptions
- Total prescriptions quantity (dosage units)
- Aggregate patient counts
- Average Days Supply
- Total Days Supply
- Average Daily Morphine Milligram Equivalents (MMEs)
- Prescription counts equal to or greater than 90 MMEs

Additional tabs on the spreadsheet provide the above information, broken down by:

- All Schedules 2-5 controlled substance prescriptions reported to the system, without county, zip or patient age groups
- Prescriber county
- Prescriber zip code
- Dispenser county
- Dispenser zip code
- Patient county
- Patient zip code
- Patient summary by county

The following page provides an overview of the controlled substances, Schedules 2-5, dispensed between January 1, 2020 and December 31, 2020 that have been reported to MAPS at the time this report is generated. The overview provides the following:

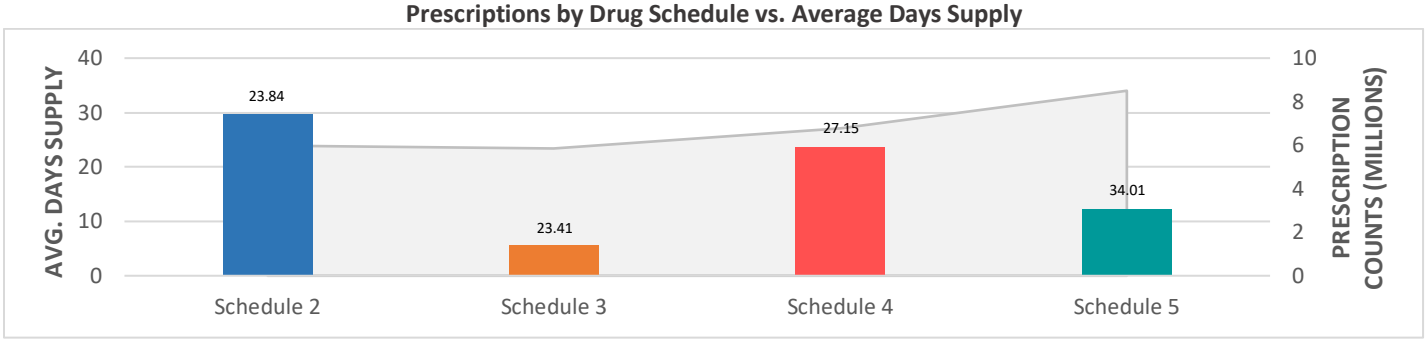
- Total prescriptions
- Total prescriptions quantity (dosage units)
- Total prescriptions days supply
- Total prescriptions opioid MMEs (excluding MAT opioids)
- Prescriptions by drug schedule vs. average days supply
- Total prescriptions by drug schedule for each month
- Total prescriptions by payment type
- Graph and table of prescriptions by drug schedule and age group
- Percentage of prescriptions equal to or greater than 90 MMEs
- Percentage of new prescriptions vs. refill prescriptions
- Percentage of opioid prescriptions, benzodiazepine prescriptions, stimulant prescriptions, and all other prescriptions

Michigan 2020
Drug Utilization Report Overview
Generated: April 5, 2021

Prescriptions	Quantity	Days Supply	Total Opioid MME
17,785,603	1,119,326,116	474,018,372	4,619,948,565

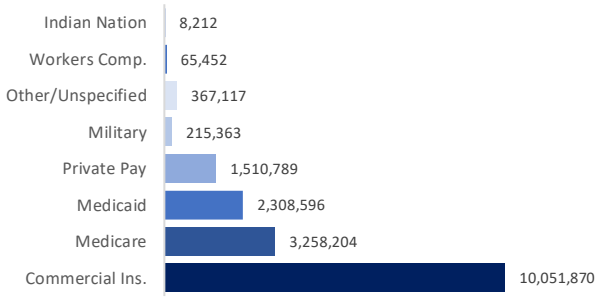
*Excluding MAT Opioids

Prescriptions by Drug Schedule vs. Average Days Supply

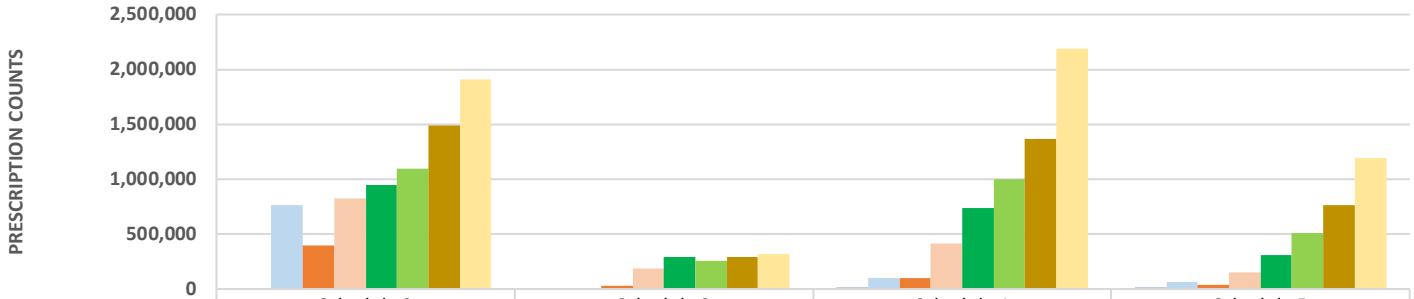


Prescriptions by Drug Schedule Listing

MONTH	SCHEDULE 2	SCHEDULE 3	SCHEDULE 4	SCHEDULE 5
JAN	661,913	121,644	514,538	270,069
FEB	605,477	109,716	462,670	242,546
MAR	630,923	118,725	526,237	268,044
APR	556,549	106,023	472,799	243,177
MAY	568,488	105,518	463,585	238,398
JUN	618,734	117,096	500,568	252,237
JUL	637,025	119,482	511,227	256,970
AUG	616,924	115,167	490,226	249,705
SEP	635,071	118,101	497,390	255,268
OCT	649,986	120,070	501,582	259,365
NOV	603,329	111,965	467,967	245,763
DEC	651,780	122,818	505,658	267,090
TOTAL	**7,436,199**	**1,386,325**	**5,914,447**	**3,048,632**

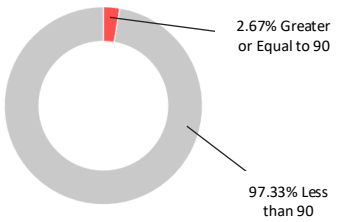


Prescriptions by Drug Schedule and Age

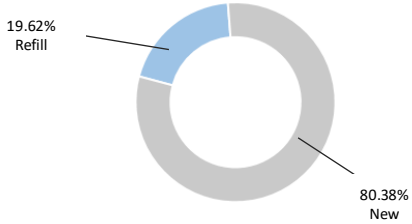
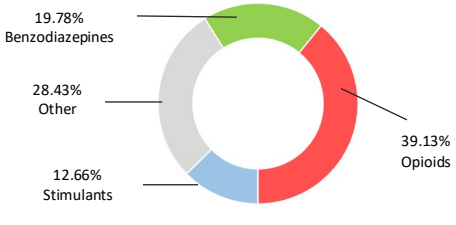


	Schedule 2	Schedule 3	Schedule 4	Schedule 5
Ages 4 and younger	3,706	643	14,705	13,686
Ages 5 to 17	763,516	7,273	95,225	64,696
Ages 18 to 24	398,859	31,696	102,449	41,780
Ages 25 to 34	822,387	189,698	414,963	155,871
Ages 35 to 44	949,899	292,972	736,406	311,061
Ages 45 to 54	1,098,436	256,107	998,935	507,017
Ages 55 to 64	1,490,548	290,852	1,365,153	766,360
Ages 65 and older	1,908,848	317,084	2,186,611	1,188,161

Prescriptions ≥ 90 MME vs. All (%)



New. Vs. Refill Prescriptions (%)



Drug Classification (%)