Michigan Automated Prescription System
Drug Utilization Report – Year 2021

January 31, 2023

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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 through 338.3162d outline reporting requirements and state all pharmacies, dispensing practitioners and veterinarians who dispense Schedules 2-5 controlled substances are required to 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 Schedules 2-5 controlled substances dispensed between January 1, 2021 and December 31, 2021 that have been reported to MAPS at the time this report is generated. This report was generated January 31, 2023. 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 worksheets within the workbook 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 zip code, county, and state
- Dispenser zip code, county, and state
- Patient zip code, county, and state

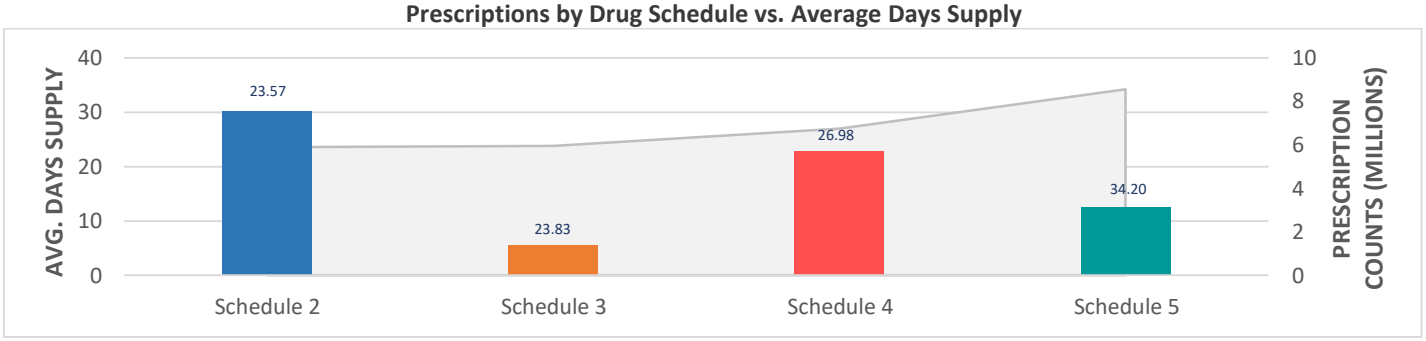
The following page provides an overview of the Schedules 2-5 controlled substances dispensed between January 1, 2021 and December 31, 2021 that have been reported to MAPS at the time this report is generated. The overview provides the following:

- Total prescriptions
- Total prescriptions quantity (dosage units)
- Total prescriptions days supply
- Total prescriptions opioid MMEs (excluding buprenorphine)
- 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 2021
Drug Utilization Report Overview
Generated: January 31, 2023

Prescriptions	Quantity	Days Supply	Total Opioid MME
17,724,380	1,094,101,561	470,470,763	4,281,678,241
			Excluding buprenorphine

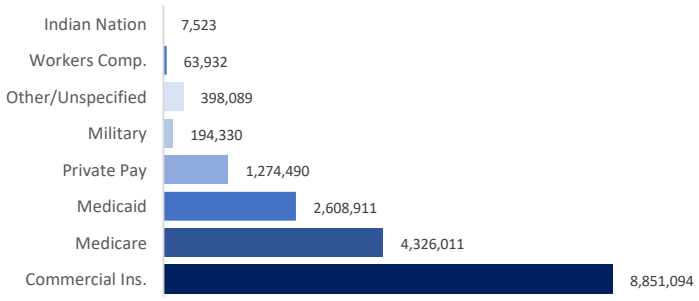
Prescriptions by Drug Schedule vs. Average Days Supply



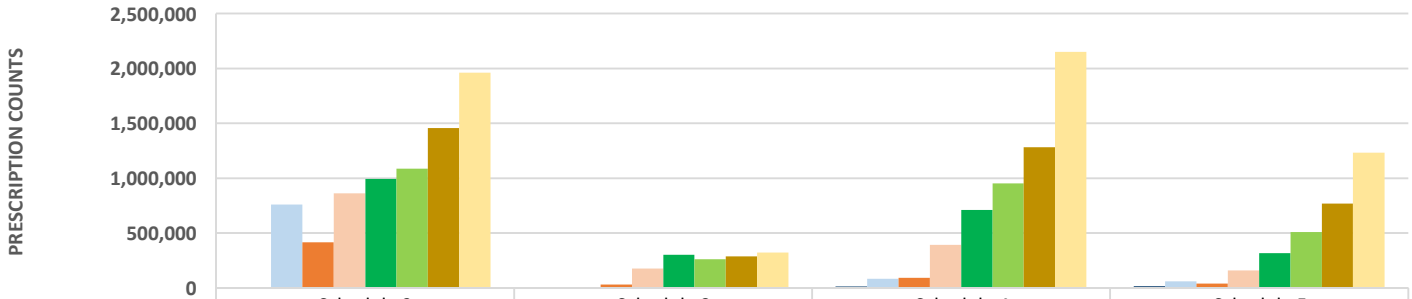
Prescriptions by Drug Schedule Listing

MONTH	SCHEDULE 2	SCHEDULE 3	SCHEDULE 4	SCHEDULE 5
JAN	609,266	113,219	473,642	250,223
FEB	586,136	108,012	443,180	236,794
MAR	670,568	123,676	508,953	269,840
APR	632,732	116,308	478,507	258,591
MAY	610,775	112,392	459,142	249,319
JUN	649,754	122,169	496,613	268,021
JUL	630,775	118,123	479,621	261,681
AUG	635,341	118,641	480,432	263,465
SEP	632,012	116,644	469,547	259,808
OCT	625,473	113,685	461,818	260,049
NOV	625,101	113,687	457,197	261,789
DEC	637,034	116,513	469,681	268,431
TOTAL	**7,544,967**	**1,393,069**	**5,678,333**	**3,108,011**

Prescription Counts by Payment Type

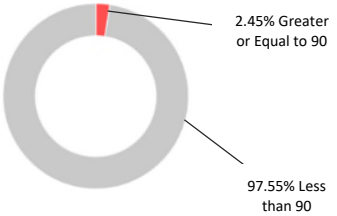


Prescriptions by Drug Schedule and Age

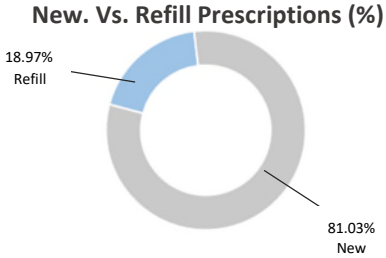
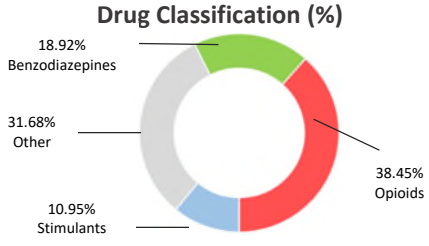


	Schedule 2	Schedule 3	Schedule 4	Schedule 5
Ages 4 and younger	3,819	791	13,375	16,520
Ages 5 to 17	760,666	7,442	83,956	61,744
Ages 18 to 24	417,505	32,881	92,306	42,063
Ages 25 to 34	862,590	178,073	392,264	159,206
Ages 35 to 44	994,765	302,528	711,691	318,039
Ages 45 to 54	1,088,064	261,657	952,001	509,494
Ages 55 to 64	1,456,247	287,398	1,281,448	768,685
Ages 65 and older	1,961,311	322,299	2,151,292	1,232,260

Prescriptions ≥ 90 MME vs. All (%)



New. Vs. Refill Prescriptions (%)



Drug Classification (%)