



**Board of
Pharmacy**

Medical Marijuana in Ohio

What we've learned in five years of collecting medical marijuana



BACKGROUND

- Ohio House Bill 523 established the Medical Marijuana Control Program effective September 8, 2016
- First Ohio dispensaries opened January 16, 2019
- Initially regulated by multiple agencies (Department of Commerce, Board of Pharmacy, Medical Board). Effective January 2024, Board of Pharmacy duties moved to Department of Commerce
- Dispensaries required to report dispensations to the PMP within 5 minutes of dispensing

LESSON 1: PRODUCT IDENTIFICATION

- PDMPs typically identify drugs by National Drug Code (NDC)
- NDC is specific to drug ingredient(s), strength, quantity, form and manufacturer
- NDC is assigned by FDA
- FDA does not regulate medical marijuana
- Ohio's solution: Pseudo-NDC numbers assigned by seed-to-sale program for each unique product sold by each processor
 - Numbers begin with "M" to avoid NDC conflicts
 - Information published Daily

LESSON 1 EXAMPLES

NDC#	Product Name
M00000014207	Bud – Peanut Butter N Chocolate – Grow Ohio
M00000015206	Tier 1 Vap-SATIVA-22.3_2.83_MGHM
M00000015214	Tier 1 Vap-HYBRID-15-2.5_2.83_RIPLEY
M00000017801	Tin Oral Admin – 1.83 – 0 - 120
M00000017904	Tier 2 Vap-SATIVA-26.5-.3_2.83_92 COOKIES
M00000026619	Budder

LESSON 2: DISPENSARY IDENTIFICATION

- PDMPs typically identify dispensaries (pharmacies) by DEA Number and/or NPI Number
- DEA Numbers assigned by DEA
- NPI Numbers assigned by CMS
- DEA and CMS do not regulate medical marijuana dispensaries
- Ohio's (current) Solution: PDMP vendor assigns pseudo-DEA number
 - Pseudo-DEA Number begins with "OM" to avoid DEA conflicts
 - Exploring change to use State License Number

LESSON 2 EXAMPLES

DEA Number	Dispensary Name	Address
OM0040155	STRAWBERRY FIELDS MONROE	300 N Main St Monroe, OH 45050
OM0040167	STRAWBERRY FIELDS MARIETTA	414 Greene Street Marietta , OH 45750
OM0215132	HARVEST OF COLUMBUS	2950 N High Street Columbus, OH 43202
OM0271457	VERDANT CREATIONS CINCINNATI	5149 Kennedy Avenue Cincinnati, OH 45213
OM0300258	GREENLEAF APOTHECARIES LLC AKRON	46 South Summit St Akron, OH 44308
OM0302163	SUNNYSIDE CINCINNATI	5149 Kennedy Ave Cincinnati, OH 45213
OM0304066	BLOOM MEDICINALS	737 E North Rd Akron, OH 44305
OM0500214	GREENLEAF APOTHECARIES LLC	3865 Lakeside Ave East Cleveland, OH 44114
OM0500327	GREENLEAF APOTHECARIES LLC	115 Vine St Columbus, OH 43215
OM0501141	SUNNYSIDE CHILLICOTHE	1641 N. Bridge St. Chillicothe, OH 45601



LESSON 3: DISPENSARY EMPLOYEES

- Dispensary employees are typically not pharmacists or pharmacy technicians
 - Perform similar tasks to pharmacists and pharmacy technicians, but no similar education requirement
 - Less familiar with typical pharmaceutical practices
 - High turnover
 - Higher number of data entry errors

LESSON 4: DISPENSARY SOFTWARE

- Dispensaries do not use traditional pharmacy dispensing systems
 - Software not designed to capture information in a traditional manner (seems to be improving)
 - Software not designed for reporting to PDMPs (also improving as more states require reporting)
 - Frequently require customization due to lack of standardization from state-to-state
 - Different lingo sometimes causes confusion (example: PDMP data reporting referred to as “integration”)

LESSON 5: PATIENTS, CAREGIVERS AND EMPLOYEES

- A caregiver may care for multiple medical marijuana patients
- A caregiver may be a medical marijuana patient themselves
- A dispensary employee may be a caregiver and/or a medical marijuana patient
- Patients and/or caregivers getting medical marijuana from a dispensary for multiple patients (including self) can cause confusion. Additional confusion if they are also an employee

LESSON 5 EXAMPLES






















- Annie Jenkins, 3/6/2018 has a medical marijuana recommendation for her epilepsy
- Martha Jenkins, 6/3/1981 is Annie's mother, and since Annie is a minor, she is Annie's caregiver
- Martha also has a medical marijuana recommendation for fibromyalgia
- At the PMP, we receive a record from a dispensary for Annie Jenkins, 3/6/1981 for Tier 1 Vap=HYBRID-15.2.5_2.83_RIPLEY
- Who does the dispensation belong to?

*Fictitious data

LESSON 6: VOLUME OF DISPENSATIONS

- With medical marijuana, the pharmaceutical model breaks down when it comes to equating dispensing a medication in accordance with a prescription to dispensing medical marijuana in accordance with a recommendation
- When a patient presents a prescription at a pharmacy for dextroamphetamine 15mg BID #60, they are dispensed a bottle with 60 pills in it to last them 30 days.
- When a patient has a medical marijuana recommendation, they have a recommendation for one year up to 90 days' supply. They might get the full 90 days at once, or they may get it 3 days at a time (or anywhere in between). They might get some as flower, some as vape, some as edibles, etc. They might leave with one product, or a bag with many products.
- This can have a big impact on a PDMP report (see example)
- This lesson may be applicable for states considering collecting treatment data from Opioid Treatment Programs

LESSON 6 EXAMPLE

Filled ▾	Written ⇅	ID ⇅	Drug ⇅	QTY ⇅	Days ⇅
04/19/2024	04/19/2024	5*	Edb Oral Admin - 5 - 20 - Sour Green Apple - Gummies - Nano Jams	 100.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 11-10 Good News Blue Raspberry Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 11-10 Good News Blue Raspberry Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edb For Oral Admin 11-11-10 Good News Peach Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edb For Oral Admin 11-11-10 Good News Peach Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 11-0-10 Good News Watermelon Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 11-0-10 Good News Watermelon Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 11-0-10 Good News Watermelon Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 5.5-5.5-20 Mindy's Lush Black Cherry Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Edible For Oral Admin 5.5-5.5-20 Mindy's Lush Black Cherry Gummies	 110.00	1
04/19/2024	04/19/2024	5*	Oil Vap - 35 - 20 - Rso Syringe	 1000.00	2
04/17/2024	04/17/2024	2	Gabapentin 100 Mg Capsule	 42.00	21
04/16/2024	04/16/2024	2	Oxycodone Hcl (Ir) 5 Mg Tablet	 90.00	14
04/07/2024	04/07/2024	5*	Edb Oral Admin-5.50-20-Kiva-Churro Milk Chocolate	 100.00	1
04/07/2024	04/07/2024	5*	Edb For Oral Admin 11-11-10 Good News Peach Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edb For Oral Admin 11-11-10 Good News Peach Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edible For Oral Admin 11-0-10 Good News Watermelon Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edible For Oral Admin 11-0-10 Good News Watermelon Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edible For Oral Admin 5.5-5.5-20 Mindy's Lush Black Cherry Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edible For Oral Admin 5.5-5.5-20 Mindy's Lush Black Cherry Gummies	 110.00	1
04/07/2024	04/07/2024	5*	Edible For Oral Admin 5.5-5.5-20 Mindy's Lush Black Cherry Gummies	 110.00	1
04/05/2024	04/05/2024	2	Tramadol Hcl 50 Mg Tablet	28.00	7



ONGOING CHALLENGES

- Data accuracy – an issue for all PDMPs, but medical marijuana can add to the complexity
- Data comprehension – providers may not understand the data or not know what to do with it. This is likely even more acute for interstate data sharing, especially in states that don't have medical marijuana
- Report readability – ensure that providers are able to see what is important to their decision making

QUESTIONS?

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