



Codebook for Medical Marijuana Product Safety

Prepared by Legal Science, LLC

August 2017



MEDICAL MARIJUANA PRODUCT SAFETY

August 2017

Codebook

This codebook describes the variables in a dataset that examines variation in state laws that regulate product safety for medical marijuana products. This dataset is longitudinal displaying laws effective as of September 1, 2014 through February 1, 2017. The jurisdictions selected for measurements are the 50 states and the District of Columbia.

There are six standard variables in every PDAPS dataset. They are:

ID:

An identification code generated by the MonQcle.

FIPS CODE:

The Federal Information Processing Standard (FIPS) codes are a standardized set of numeric codes issued by the National Institute of Standards and Technology to ensure uniform identification of geographic entities through all federal government agencies.

JURISDICTION:

This is a dropdown selection in each coding form. It includes the jurisdictions coded in the dataset.

EFFECTIVE DATE:

This date (MM/DD/YYYY) is the most recent effective date of the legal text captured for this place. The effective date represents the date the policy coded was put into effect. This dataset began as a cross-sectional study intended to capture present day law as of September 1, 2014. The states' record effective date is the effective date of the most recent statute or regulation within the state record. Thus, there are laws within this dataset that were enacted prior to September 1, 2014, however they are still effective so they are included in the state record and assigned the appropriate states' record effective date.

VALID THROUGH DATE:

This date (MM/DD/YYYY) is the last date the policy was in effect as reflected by the legal text captured to code this policy.

LEGAL TEXT:

This is a text box that captures all legal text relevant to the coding questions. This will not download into Microsoft Excel.

Questions

Question 1:	Does the state have a law authorizing adults to use medical marijuana?
Question Type:	Categorical - mutually exclusive
Variable Name:	mmmps-state
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 2:	What is the effective date of the first medical marijuana law?
Question Type:	Date Field
Variable Name:	date-first-law
Question 3:	Does the state have medical marijuana product testing?
Question Type:	Categorical - mutually exclusive
Variable Name:	mmmps-pst
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 4:	When is medical marijuana product testing required?
Question Type:	Categorical - mutually exclusive
Variable Name:	mmmps-test
Variable Values:	0, 1
Value Label:	0 = Mandatory for all medical marijuana products before sold
Value Label:	1 = At the request of state department following complaint or reason to believe contamination has occurred
Question 5:	Who is required to perform the quality analysis?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cpa_Cultivators
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 6:	Who is required to perform the quality analysis?
Question Type:	Categorical - check all that apply

Variable Name:	mmmps-cpa_Dispensaries
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 7:	Who is required to perform the quality analysis?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cpa_Independent third parties
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 8:	Who is required to perform the quality analysis?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cpa_Department of Health
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 9:	Who is required to perform the quality analysis?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cpa_Other state agency
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 10:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Contaminants (General)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 11:	Which contaminants does the state require to be tested?

Question Type: Categorical - check all that apply

Variable Name: mmmps-cont_Mold

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 12: Which contaminants does the state require to be tested?

Question Type: Categorical - check all that apply

Variable Name: mmmps-cont_Microbiological contaminants

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 13: Which contaminants does the state require to be tested?

Question Type: Categorical - check all that apply

Variable Name: mmmps-cont_Bacteria

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 14: Which contaminants does the state require to be tested?

Question Type: Categorical - check all that apply

Variable Name: mmmps-cont_Fungus

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 15: Which contaminants does the state require to be tested?

Question Type: Categorical - check all that apply

Variable Name: mmmps-cont_Mycotoxins

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 16:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Mildew
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 17:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Heavy metals
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 18:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Plant growth regulators
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 19:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Nonorganic pesticides
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 20:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_Pesticide chemical residue
Variable Values:	0, 1
Value Label:	0 = No

Value Label:	1 = Yes
Question 21:	Which contaminants does the state require to be tested?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cont_The state does not explicitly require testing for contaminants
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 22:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_Cannabinoids (General)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 23:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_THC
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 24:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_THCA
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 25:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_CBD
Variable Values:	0, 1

Value Label:	0 = No
Value Label:	1 = Yes
Question 26:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_CBDA
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 27:	Which cannabinoids must be profiled?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-cann_The state does not explicitly require testing
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 28:	What types of pesticides may not be present in medical marijuana products?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-pest_Organic
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 29:	What types of pesticides may not be present in medical marijuana products?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-pest_Non-organic
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 30:	What types of pesticides may not be present in medical marijuana products?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-pest_Must comply with federal or state pesticide law(s)

Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 31:	What types of pesticides may not be present in medical marijuana products?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-pest_The state does not explicitly require testing
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 32:	Which products does the state prohibit from being distributed?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-proprod_Marijuana
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 33:	Which products does the state prohibit from being distributed?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-proprod_The state does not prohibit the sale of any products
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 34:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_Plain packaging
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 35:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply

Variable Name:	mmmps-packag_Opaque packaging
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 36:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_Child-proof (or child-resistant) packaging
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 37:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_Tamper-proof packaging
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 38:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_Re-closable packaging
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 39:	What does the state require of medical marijuana packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_Compliance with other federal or state law(s)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 40:	What does the state require of medical marijuana packaging?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-packag_No packaging requirements exist
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 41: What does the state require on medical marijuana labels?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Proof of contaminant testing
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 42: What does the state require on medical marijuana labels?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Ingredients for edibles
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 43: What does the state require on medical marijuana labels?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Lack of FDA approval
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 44: What does the state require on medical marijuana labels?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Hazardous health risks
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 45:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Warning to abstain from operating machinery
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 46:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Instructions for use
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 47:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Amount of usable marijuana
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 48:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Product potency
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 49:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Warning for medical use only
Variable Values:	0, 1
Value Label:	0 = No

Value Label:	1 = Yes
Question 50:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Dispensary identification
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 51:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Strain of marijuana
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 52:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_Compliance with other federal or state law(s)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 53:	What does the state require on medical marijuana labels?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-label_No labeling restrictions exist
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 54:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Anything typically designed to attract minors
Variable Values:	0, 1

Value Label:	0 = No
Value Label:	1 = Yes
Question 55:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Cartoons
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 56:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Depictions of minors
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 57:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Pictures of marijuana
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 58:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Must not resemble candy
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 59:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Must not make "false or misleading" statements

Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 60:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_Anything prohibited by state health or safety code
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 61:	What does the state prohibit from appearing on medical marijuana product packaging?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-ppr_No packaging prohibitions
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 62:	Does the state law address media advertising?
Question Type:	Binary - mutually exclusive
Variable Name:	mmmps-mediares
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 63:	What media types does the state law address?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-media_On-site advertisement
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 64:	What media types does the state law address?
Question Type:	Categorical - check all that apply

Variable Name:	mmmps-media_Print media
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 65:	What media types does the state law address?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-media_Internet
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 66:	What media types does the state law address?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-media_Radio
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 67:	What media types does the state law address?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-media_Television
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 68:	What features does the state require medical marijuana distribution sites to have?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_Hand washing stations
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 69:	What features does the state require medical marijuana distribution sites to have?

Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_Enclosed spaces
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 70:	What features does the state require medical marijuana distribution sites to have?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_Locked spaces
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 71:	What features does the state require medical marijuana distribution sites to have?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_Security system
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 72:	What features does the state require medical marijuana distribution sites to have?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_Ventilation system
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 73:	What features does the state require medical marijuana distribution sites to have?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-sitefea_State does not require explicit site features
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 74:	Does the state prohibit cultivation and distribution of medical marijuana within the same site?
Question Type:	Categorical - mutually exclusive
Variable Name:	mmmps-siteact
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 75:	What specific protocol does the state have in place for disposing medical marijuana waste?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-waste_Destroy waste
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 76:	What specific protocol does the state have in place for disposing medical marijuana waste?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-waste_Give waste to state agency
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 77:	What specific protocol does the state have in place for disposing medical marijuana waste?
Question Type:	Categorical - check all that apply
Variable Name:	mmmps-waste_Give waste to state-approved waste facility
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 78:	What specific protocol does the state have in place for disposing medical marijuana waste?
Question Type:	Categorical - check all that apply

Variable Name: mmmps-waste_Give waste to law enforcement

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 79: **What specific protocol does the state have in place for disposing medical marijuana waste?**

Question Type: Categorical - check all that apply

Variable Name: mmmps-waste_Keep record of waste disposal

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes

Question 80: **What specific protocol does the state have in place for disposing medical marijuana waste?**

Question Type: Categorical - check all that apply

Variable Name: mmmps-waste_The state has no waste protocol

Variable
Values: 0, 1

Value Label: 0 = No

Value Label: 1 = Yes