# Guide for

# SMS - Medical Examiner and Coroner Survey

# Project Overview

Data pulled on: 2024-12-26 22:15:47
Total number of observations: 20

All fields are counted among field types below even if they contain no data and/or are omitted from this report

radio fields: 51
text fields: 25
notes fields: 6
checkbox fields: 4
descriptive fields: 4
yesno fields: 2
file fields: 1

Identifier fields: 18
hcs01_lam10_phone, hcs01_lam10_phone_na, hcs01_lam10_phone_ext, hcs01_lam10_poc_fname, hcs01_lam10_poc_lname, hcs01_lam10_poc_phone_1, hcs01_lam10_poc_phone1_na, hcs01_lam10_poc_phone1_ext, hcs01_lam10_poc_phone_2, hcs01_lam10_poc_phone2_na, hcs01_lam10_poc_phone2_ext, hcs01_lam28_poc_em, hcs01_lam10_poc_em_na, hcs01_lam10_address, hcs01_lam10_city, hcs01_lam10_zip, hcs01_lam10_zip_na, hcs_mec_consent_signature

Omitted fields (all blank): 20
hcs01_version, hcs01_lam10_poc_phone1_na, hcs01_lam10_poc_phone1_ext, hcs01_lam10_poc_phone_2, hcs01_lam10_poc_phone2_na, hcs01_lam10_poc_phone2_ext, hcs01_lam10_poc_em_na, hcs01_lam10_address, hcs01_lam10_city, hcs01_lam10_zip, hcs01_lam10_zip_na, hcs01_lam06_other, hcs_mec_consent_ans_verbal, hcs_mec_consent_subjname, hcs_mec_consent_intname, hcs_mec_consent_signature, hcs_mec_consent_date, hcs_mec07_oth, hcs_mec09_dnp, hcs_mec13

***Each field in this annotated codebook gets an entry structured like this:***

| **Field label** | **Field name** |
|---|---|

Field type: (radio, text, etc)
Observations with this field left blank: #
Number of unique values: ##
Branching logic: equation

| **Choice value** | **Label** | **Frequency** |
|---|---|---|
| value1 | Choice 1 label | # |
| value2 | Choice 2 label | # |
| value3 | Choice 3 label | # |

# 1. Instrument: contact_info

**Participant ID (text)** **participant_id**

Field type: text
Observations with this value left blank: 0
Number of unique values: 20

**Mode of Survey: (radio)** **hcs_mec_surveymode**

Required
Field type: radio
Observations with this value left blank: 1
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Verbal | 0 |
| 2 | Web | 19 |

**Organization Name (text)** **hcs01_lam10_org_name**

Field type: text
Observations with this value left blank: 0
Number of unique values: 20

**Organization Phone (text)** **hcs01_lam10_phone**

Identifier
Field type: text
Observations with this value left blank: 19
Number of unique values: 1

**(radio)** **hcs01_lam10_phone_na**

Identifier
Field type: radio
Observations with this value left blank: 10
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 8000000 | Don't Know | 10 |
| 7000000 | Prefer not to answer | 0 |

| Org Phone Extension (text) | hcs01_lam10_phone_ext |
|---|---|

Identifier
Field type: text
Observations with this value left blank: 19
Number of unique values: 1

| First Name (text) | hcs01_lam10_poc_fname |
|---|---|

Identifier
Field type: text
Observations with this value left blank: 0
Number of unique values: 18

| Last Name (text) | hcs01_lam10_poc_lname |
|---|---|

Identifier
Field type: text
Observations with this value left blank: 0
Number of unique values: 19

| Phone (text in matrix hcs01_lam10_poc_phone) | hcs01_lam10_poc_phone_1 |
|---|---|

Identifier
Field type: text
Observations with this value left blank: 1
Number of unique values: 19

| Email (text) | hcs01_lam28_poc_em |
|---|---|

Identifier
Field type: text
Observations with this value left blank: 0
Number of unique values: 20

| LAM05. Which state's HCS study are you entering data for? (radio) | hcs01_lam05 |
|---|---|

Field type: radio
Observations with this value left blank: 0
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Kentucky | 0 |
| 2 | Massachusetts | 0 |
| 3 | New York | 0 |
| 4 | Ohio | 20 |

**LAM06. Which HCS community does this facility/asset serve? (radio)** **hcs01_lam06**

Field type: radio
Observations with this value left blank: 0
Number of unique values: 19

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Bourbon | 0 |
| 2 | Boyd | 0 |
| 3 | Boyle | 0 |
| 4 | Campbell | 0 |
| 5 | Carter | 0 |
| 6 | Clark | 0 |
| 7 | Fayette | 0 |
| 8 | Floyd | 0 |
| 9 | Franklin | 0 |
| 10 | Greenup | 0 |
| 11 | Jefferson | 0 |
| 12 | Jessamine | 0 |
| 13 | Kenton | 0 |
| 14 | Knox | 0 |
| 15 | Madison | 0 |
| 16 | Mason | 0 |
| 17 | North Adams | 0 |
| 18 | Brockton | 0 |
| 19 | Plymouth | 0 |
| 20 | Gloucester | 0 |
| 21 | Lawrence | 0 |
| 22 | Salem | 0 |
| 23 | Holyoke | 0 |

| Choice value | Label | Frequency |
|---|---|---|
| 24 | Springfield | 0 |
| 25 | Lowell | 0 |
| 26 | Pittsfield | 0 |
| 27 | Weymouth | 0 |
| 28 | Barnstable (Bourne/Sandwich) | 0 |
| 29 | Bristol (Berkeley/Dighton/Freetown) | 0 |
| 30 | Franklin (Greenfield/Montague/Athol/Orange) | 0 |
| 31 | Hampshire (Belchertown/Ware) | 0 |
| 32 | Middlesex (Shirley/Townsend) | 0 |
| 33 | Broome | 0 |
| 34 | Cayuga | 0 |
| 35 | Chautauqua | 0 |
| 36 | Columbia | 0 |
| 37 | Cortland | 0 |
| 38 | Erie | 0 |
| 39 | Genesee | 0 |
| 40 | Greene | 0 |
| 41 | Lewis | 0 |
| 42 | Monroe | 0 |
| 43 | Orange | 0 |
| 44 | Putnam | 0 |
| 45 | Suffolk | 0 |
| 46 | Sullivan | 0 |
| 47 | Ulster | 0 |
| 48 | Yates | 0 |
| 49 | Allen | 1 |
| 50 | Ashtabula | 1 |
| 51 | Athens | 1 |
| 52 | Brown | 1 |
| 53 | Cuyahoga | 1 |
| 54 | Darke | 2 |
| 55 | Franklin (Ohio) | 1 |
| 56 | Greene (Ohio) | 1 |
| 57 | Guernsey | 1 |
| 58 | Hamilton | 1 |

| Choice value | Label | Frequency |
|---|---|---|
| 59 | Huron | 1 |
| 60 | Jefferson (Ohio) | 1 |
| 61 | Lucas | 1 |
| 62 | Morrow | 1 |
| 63 | Ross | 1 |
| 64 | Scioto | 1 |
| 65 | Stark | 1 |
| 66 | Williams | 1 |
| 67 | Wyandot | 1 |
| 4000000 | Other | 0 |

## 2. Instrument: medical_examiner_and_coroner_survey_consent

| | |
|---|---|
| **HEALing Communities StudyVerbal Informed Consent for the Toxicology Survey for Medical Examiners and Coroners Applicable to the following Survey: Toxicology Survey for Medical Examiners and Coroners Use this consent for data collection if the participant is not present in-person and the survey is conducted by phone or video conference. Hello. My name is NAME> and I work for the HEALing Communities Study (HCS) in your state that has the primary goal to reduce the opioid overdose deaths in high-burden communities. We are working with the National Institute on Drug Abuse (NIDA) and research sites in four states: Kentucky, Massachusetts, New York, and Ohio. We are asking you to participate because you are employed as a medical examiner or coroner in one of the HCS study communities. If you decide to participate, we will ask you to complete a survey that will ask you questions about the processes and barriers affecting the completion of death certificates for suspected drug overdose deaths. Up to 200 people will be asked to complete this survey. Your participation in this survey should take approximately 10 to 15 minutes. Your participation is voluntary, and you can stop participating at any time. There are no physical risks to participating in the study. You will not be asked to provide personal information and we will protect the confidentiality of your responses. There is a risk that someone could get access to the stored information. If you have questions about the study, please ask them now, or you may contact the study investigator. If you have any questions about your rights as a research participant, and/or concerns or complaints regarding this research study, you may contact Advarra's Institutional Review Board. The toll-free number is 877-992-4724 and the email address is adviser@advarra.com. Please reference the following number when contacting the Study Participant Adviser: Pro00038088. Do you have any questions before we begin the survey? (descriptive)** | **hcs_mec_consent_verbal** |
| Field type: descriptive<br>Observations with this value left blank: 0<br>Number of unique values: 0<br>Branching logic: [hcs_mec_surveymode]="1" | |

| | |
|---|---|
| **Online Informed Consent Toxicology Survey for Medical Examiners and Coroners Sponsor / Study Title: The National Institute on Drug** | **hcs_mec_consent_web** |

**Abuse / "The HEALing Communities Study (HCS)" Principal Investigator: Rebecca Jackson, MD Telephone: (614) 293-4041 (614) 293-8000 (24 Hours) Address: The Ohio State University-Pomerene Hall1760 Neil Avenue Suite 380Columbus, OH 43210 KEY INFORMATION We are asking you to choose whether to participate in the HEALing Communities Study (HCS) funded by the National Institute on Drug Abuse. The study's primary goal is to reduce opioid overdose deaths in high-burden communities. The HCS is being conducted by four academic institutions: Boston Medical Center, Columbia University, the University of Kentucky, and The Ohio State University. We are asking you to participate because you are employed as a medical examiner or coroner in one of our HCS study communities. If you decide to participate, we will ask you to complete a survey that will ask you questions about processes and barriers affecting the completion of death certificates for suspected drug overdose deaths. Up to 200 people will be asked to complete this survey. Your participation in this survey should take approximately 10 to 15 minutes. Your participation is voluntary, and you can stop participating at any time. RISK There are no physical risks to participating in the study. You will not be asked to provide personal information and we will protect the confidentiality of your responses. There is a risk that someone could get access to the stored information. WHOM TO CONTACT ABOUT THIS STUDY During the study, if you have questions or concerns about the study, please contact the Investigator at the telephone number listed at the beginning of this consent document. If you have any questions about your rights as a research participant, and/or concerns or complaints regarding this research study, contact: By mail: Study Participant Adviser Advarra IRB 6940 Columbia Gateway Drive, Suite 110 Columbia, MD 21046 or call toll free: 877-992-4724 or by email: adviser@advarra.com Please reference the following number when contacting the Study Participant Adviser: Pro00038088. (descriptive)**

Field type: descriptive
Observations with this value left blank: 0
Number of unique values: 0
Branching logic: [hcs_mec_surveymode]="2"

**CONSENT**

**I have read and understand this informed consent information. I have had an opportunity to ask questions if needed, and all of my questions have been answered to my satisfaction. I voluntarily**

**hcs_mec_consent_ans_web**

**agree to participate in this study until I decide otherwise. I do not give up any of my legal rights by agreeing to this consent information.**

**Once you have read this consent form, if you choose to participate and you are 18 years of age or older, click on I agree to begin the survey. You may print this page for your records. (radio)**

Required
Field type: radio
Observations with this value left blank: 9
Number of unique values: 1
Branching logic: [hcs_mec_surveymode]="2"

| Choice value | Label | Frequency |
|---|---|---|
| 1 | I agree to participate | 11 |
| 2 | I do not agree to participate | 0 |

## 3. Instrument: medical_examiner_and_coroner_survey

| Version # (text) | hcs_mec_version |
|---|---|
| Field type: text<br>Observations with this value left blank: 4<br>Number of unique values: 1 | |

| Introduction: Please answer the following questions about your office. (descriptive) | hcs_mec_intro |
|---|---|
| Field type: descriptive<br>Observations with this value left blank: 0<br>Number of unique values: 0 | |

| What other communities does your lab serve? (text) | hcs_mec02_oth |
|---|---|
| Required<br>Field type: text<br>Observations with this value left blank: 15<br>Number of unique values: 5<br>Branching logic: [hcs_mec02(4000000)]="1" | |

| How many toxicology laboratories does your jurisdiction utilize routinely for postmortem Toxicology testing? (text) | hcs_mec06 |
|---|---|
| Required<br>Field type: text<br>Observations with this value left blank: 4<br>Number of unique values: 4 | |

| What are the postmortem toxicology labs that you most frequently use? (notes) | hcs_med06a |
|---|---|
| Required<br>Field type: notes<br>Observations with this value left blank: 4<br>Number of unique values: 16 | |

| What is the average turnaround time for receiving | hcs_mec08 |
|---|---|

**a postmortem toxicology report from the time a toxicology sample is submitted to the lab? (radio)**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 5

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Less than 2 weeks | 2 |
| 2 | 2 weeks but less than 4 weeks | 0 |
| 3 | 4 weeks but less than 8 weeks | 6 |
| 4 | 8 weeks but less than 12 weeks | 5 |
| 5 | 12 weeks or longer | 2 |
| 8000000 | Don't Know | 1 |
| 7000000 | Prefer not to answer | 0 |

**In what percentage of cases does your jurisdiction perform postmortem toxicology testing on suspected drug overdose deaths? (text)** **hcs_mec09**

Required
Field type: text
Observations with this value left blank: 4
Number of unique values: 5
Branching logic: [hcs_mec09_dnp] = ''

**Please list the other reasons. (notes)** **hcs_mec10_oth**

Required
Field type: notes
Observations with this value left blank: 18
Number of unique values: 2
Branching logic: [hcs_mec10(4000000)]="1"

**What is the average turnaround time for the medical examiners/coroners in your jurisdiction to complete the investigation of a suspected drug overdose death and file the completed death certificate (including the time for the post-mortem toxicology testing)? (radio)** **hcs_mec11**

Required

Field type: radio
Observations with this value left blank: 4
Number of unique values: 6

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Less than 2 weeks | 1 |
| 2 | 2 weeks but less than 4 weeks | 1 |
| 3 | 4 weeks but less than 8 weeks | 2 |
| 4 | 8 weeks but less than 12 weeks | 9 |
| 5 | 12 weeks or longer | 2 |
| 8000000 | Don't Know | 1 |
| 7000000 | Prefer not to answer | 0 |

**If you suspect heroin involvement in a confirmed drug overdose death and the toxicology report lists morphine but does not list heroin or 6-MAM what would you record on the death certificate? (radio)** **hcs_mec14**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 4

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Heroin | 4 |
| 2 | Morphine | 8 |
| 3 | Both | 1 |
| 4000000 | Other | 3 |

**What would you record on the death certificate? (text)** **hcs_mec14_oth**

Required
Field type: text
Observations with this value left blank: 17
Number of unique values: 3
Branching logic: [hcs_mec14]="4000000"

**Is there ever a situation where an opioid will be positive on the toxicology report, but will not be listed on the death certificate?** **hcs_mec15**

**(radio)**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Yes | 10 |
| 0 | No | 6 |
| 7000000 | Prefer not to answer | 0 |

**Please elaborate on a situation where opioids will not be listed on the death certificate. (notes)** **hcs_mec15_mr**

Required
Field type: notes
Observations with this value left blank: 10
Number of unique values: 10
Branching logic: [hcs_mec15]="1"

**Heroin (radio in matrix hcs_mec16)** **hcs_mec16_01**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 13 |
| 2 | Sometimes (Special Order) | 1 |
| 3 | Never | 2 |
| 7000000 | Prefer not to answer | 0 |

**Morphine (radio in matrix hcs_mec16)** **hcs_mec16_02**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 15 |
| 2 | Sometimes (Special Order) | 1 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Oxycodone (radio in matrix hcs_mec16)** **hcs_mec16_03**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Oxymorphone (radio in matrix hcs_mec16)** **hcs_mec16_04**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Hydrocodone (radio in matrix hcs_mec16)** **hcs_mec16_05**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Hydromorphone (radio in matrix hcs_mec16)** **hcs_mec16_06**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Fentanyl (radio in matrix hcs_mec16)** **hcs_mec16_07**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Fentanyl analogs (e.g. Carfentanil, Acetylfentanyl) (radio in matrix hcs_mec16)** **hcs_mec16_08**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 9 |
| 2 | Sometimes (Special Order) | 7 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Methadone (radio in matrix hcs_mec16)** **hcs_mec16_09**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Buprenorphine (radio in matrix hcs_mec16)** **hcs_mec16_10**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Tramadol (radio in matrix hcs_mec16)** **hcs_mec16_11**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 12 |
| 2 | Sometimes (Special Order) | 3 |
| 3 | Never | 1 |
| 7000000 | Prefer not to answer | 0 |

**Cocaine (radio in matrix hcs_mec16)** **hcs_mec16_12**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 13 |
| 2 | Sometimes (Special Order) | 3 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Amphetamines (radio in matrix hcs_mec16)** **hcs_mec16_13**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 15 |
| 2 | Sometimes (Special Order) | 1 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Benzodiazepines (radio in matrix hcs_mec16)** **hcs_mec16_14**

Required
Field type: radio
Observations with this value left blank: 4
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Always (Standard Panel) | 14 |
| 2 | Sometimes (Special Order) | 2 |
| 3 | Never | 0 |
| 7000000 | Prefer not to answer | 0 |

**Has COVID-19 impacted suspected drug overdose death investigations, including delays in the death certification process? (yesno)** **hcs_mec17**

Field type: yesno
Observations with this value left blank: 4
Number of unique values: 2

**Increased lab time for completing postmortem toxicology (radio in matrix hcs_mec18)** **hcs_mec18_01**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 4

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 9 |
| 1 | Yes | 4 |
| 2 | Yes | 1 |
| 3 | Yes | 1 |
| 7000000 | Prefer not to answer | 0 |

**Increase in number of suspected overdose deaths (radio in matrix hcs_mec18)** **hcs_mec18_02**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 5 |
| 1 | Yes | 0 |

| Choice value | Label | Frequency |
|---|---|---|
| 2 | Yes | 9 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 1 |

**Increase in number of requested postmortem toxicology tests due to increase in the number of suspected drug overdose deaths (radio in matrix hcs_mec18)** **hcs_mec18_03**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 7 |
| 1 | Yes | 0 |
| 2 | Yes | 8 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Decrease in number of requested postmortem toxicology tests (e.g., due to budget/staff issues) (radio in matrix hcs_mec18)** **hcs_mec18_04**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 15 |
| 1 | Yes | 0 |
| 2 | Yes | 0 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Designer opioid panel ordered less frequently in suspected drug overdose deaths (radio in matrix** **hcs_mec18_05**

**hcs_mec18)**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 14 |
| 1 | Yes | 0 |
| 2 | Yes | 1 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Decline in the number of requested/performed autopsies for suspected drug overdose deaths (radio in matrix hcs_mec18)** **hcs_mec18_06**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 14 |
| 1 | Yes | 0 |
| 2 | Yes | 1 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Delays on completing the death investigation for suspected drug overdose deaths and submitting the death certificates to Vital Statistics (radio in matrix hcs_mec18)** **hcs_mec18_07**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 4

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 10 |
| 1 | Yes | 1 |

| Choice value | Label | Frequency |
|---|---|---|
| 2 | Yes | 3 |
| 3 | Yes | 1 |
| 7000000 | Prefer not to answer | 0 |

**Shorter time for completing death investigation for suspected drug overdose deaths and submitting the death certificates to Vital Statistics (e.g., due to new funding from the CDC, Dept of Justice, state) (radio in matrix hcs_mec18)** **hcs_mec18_08**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 15 |
| 1 | Yes | 0 |
| 2 | Yes | 0 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**More frequent requests for designer opioids testing due to new funding (e.g., from the CDC, Dept of Justice, state) (radio in matrix hcs_mec18)** **hcs_mec18_09**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 1

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 15 |
| 1 | Yes | 0 |
| 2 | Yes | 0 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Shortage of personnel/staffing during COVID-19** **hcs_mec18_10**

**(radio in matrix hcs_mec18)**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 10 |
| 1 | Yes | 4 |
| 2 | Yes | 1 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Shortage of funding during COVID-19 (radio in matrix hcs_mec18)** **hcs_mec18_11**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 14 |
| 1 | Yes | 0 |
| 2 | Yes | 1 |
| 3 | Yes | 0 |
| 7000000 | Prefer not to answer | 0 |

**Shortage of personal protective equipment (PPE) during COVID-19 (radio in matrix hcs_mec18)** **hcs_mec18_12**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 0 | No | 14 |
| 1 | Yes | 1 |
| 2 | Yes | 0 |
| 3 | Yes | 0 |

| Choice value | Label | Frequency |
|---|---|---|
| 7000000 | Prefer not to answer | 0 |

**Did you experience any other COVID-19 related challenges since March 2020 that affected postmortem testing for suspected drug overdose deaths? (radio)** **hcs_mec_18_oth**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Yes | 1 |
| 2 | Yes | 1 |
| 3 | Yes | 0 |
| 0 | No | 13 |
| 7000000 | Prefer not to answer | 0 |

**What were those challenges? (notes)** **hcs_mec18_oth2**

Field type: notes
Observations with this value left blank: 18
Number of unique values: 2
Branching logic: [hcs_mec_18_oth]="1" or [hcs_mec_18_oth]="2" or [hcs_mec_18_oth]="3"

**Fentanyl analogs involvement (radio in matrix hcs_mec19)** **hcs_mec19_01**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 4 |
| 2 | Decrease | 2 |
| 3 | No change | 9 |
| 7000000 | Prefer not to answer | 0 |

**Illicitly manufactured fentanyl (4-ANPP) (radio in matrix hcs_mec19)** **hcs_mec19_02**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 5 |
| 2 | Decrease | 1 |
| 3 | No change | 9 |
| 7000000 | Prefer not to answer | 0 |

**Fentanyl overall (regardless of type and origination) (radio in matrix hcs_mec19)** **hcs_mec19_03**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 10 |
| 2 | Decrease | 0 |
| 3 | No change | 5 |
| 7000000 | Prefer not to answer | 0 |

**Methamphetamine (radio in matrix hcs_mec19)** **hcs_mec19_04**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 7 |
| 2 | Decrease | 0 |
| 3 | No change | 8 |
| 7000000 | Prefer not to answer | 0 |

**Increased co-presence (positive test) for both opioids and stimulants (radio in matrix hcs_mec19)** **hcs_mec19_05**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 9 |
| 2 | Decrease | 0 |
| 3 | No change | 6 |
| 7000000 | Prefer not to answer | 0 |

**Increased co-presence (positive test) for both fentanyl and cocaine (radio in matrix hcs_mec19)** **hcs_mec19_06**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 6 |
| 2 | Decrease | 0 |
| 3 | No change | 9 |
| 7000000 | Prefer not to answer | 0 |

**Increased co-presence (positive test) for both fentanyl and methamphetamine (radio in matrix hcs_mec19)** **hcs_mec19_07**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 9 |
| 2 | Decrease | 0 |
| 3 | No change | 6 |

| Choice value | Label | Frequency |
|---|---|---|
| 7000000 | Prefer not to answer | 0 |

**Heroin (radio in matrix hcs_mec19)** **hcs_mec19_08**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 3

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 2 |
| 2 | Decrease | 5 |
| 3 | No change | 8 |
| 7000000 | Prefer not to answer | 0 |

**Buprenorphine (radio in matrix hcs_mec19)** **hcs_mec19_09**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 4

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 1 |
| 2 | Decrease | 1 |
| 3 | No change | 12 |
| 7000000 | Prefer not to answer | 1 |

**New designer drugs (radio in matrix hcs_mec19)** **hcs_mec19_10**

Required
Field type: radio
Observations with this value left blank: 5
Number of unique values: 2

| Choice value | Label | Frequency |
|---|---|---|
| 1 | Increase | 3 |
| 2 | Decrease | 0 |
| 3 | No change | 12 |

| Choice value | Label | Frequency |
|---|---|---|
| 7000000 | Prefer not to answer | 0 |

**Please clarify what new designer drugs you have been noticing this year. (notes)** **hcs_mec19_des**

Required
Field type: notes
Observations with this value left blank: 17
Number of unique values: 3
Branching logic: [hcs_mec19_10]="1"

**END. Thank you very much. That is the final question. (descriptive)** **hcs_mec_end**

Field type: descriptive
Observations with this value left blank: 0
Number of unique values: 0