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Update Changes

Update Summary Version 11

| PHD Dataset | Changes | Notes |
|---|---|-------|
| PHDBSAS.BSAS | removed BSAS_CLIENT_ID and CLIENT_ID. PDM_PRV_ID is n longer proxied. RACE_BSAS variable added back into the DD. | |
| PHDBSAS.HOCMOUD, PHDBSAS.HOCMoud_DIS, PHDBSAS.HOCSURV | updated mat_enrol_a_7 and surveil_a_7a with values for Bristol HOC updated county variables to include Bristol and Berkshire added notes about missing values to data dictionary For HOC MOUD- removed mat_enrol_27e13 from data dictionary For HOC SURV- added value of 77 to surveil_14 to indicate errant value & removed surveil_a_4_99 as it no longer exists, adde variables surveil_20a17, surveil_20a18, surveil_20a19, surveil_20a20, added values to values 12,13,14,15 to surveil_4b | |
| PHDFETAL.FETALDEATH | Added expanded description of FETAL_DEATH_LINK_ID | |
| PHDSPINE.DEMO | Updated the following spine variables: Disability_DD, Disability_ID, Disability_Mobility, Disability_Cancer, Disability_Uncat, Disability_Combo, Final_RE, Final_sex, Raceeth_many, Raceeth_never, Sex_many, Sex_ever, foreign born, education, NON_MA, language, HOMELESS, HOMELESS_HISTORY, OTHER_LANG1-OTHER_LANG3, WRITTEN_LANG1, WRITTEN_LANG2 OTHER_LANG1-OTHER_LANG3 WRITTEN_LANG1-WRITTEN_LANG2 category 52 (other) merged with 0 (missing/unknown), and duplicates removed | |
| PHDBIRTH.BIRTH_MOM | Added additional values for PRENATAL_PAY and PRENATAL_CARE_COUNT | |
| phdhoc.hoc | added notes about missing values to age_hoc and adj_status_hoc | |

Update Summary Version 10

| PHD Dataset | Changes | Notes |
|---|---|-------|
| PHDBSAS.BSAS | PDM_PRV_ID variable added | |
| PHDBSAS.HOCMOUD, PHDBSAS.HOCMoud_DIS, PHDBSAS.HOCSURV | Updated Essex county data | |
| PHDDIA.DIA | 1) Added 2021 data 2) Data dictionary reformatted (alphabetized) | |

| PHD Dataset | Changes | Notes |
|-------------------|---|-------|
| PHDDOC.DOC | Fixed typo for admit_initial_date_doc, revised name from admit_inital_doc to admit_initial_doc | |
| PHDDTA.DTA | Added 2021 data | |
| PHHOC.HOC | 1) Added Berkshire 2021-2022 data and Middlesex 2021-2022 | |
| PHDEMS.MATRIS | 2) Added SECOND_COMPLAINT12 to the data dictionary (previously only had SECOND_COMPLAINT1-SECOND_COMPLAINT11) 3) Revised 2021 data, added 2022 data | |
| PHDSPINE.DEMO | New variables LANGUAGE (1=English, 2=English and another language, 3=Another language) and OTHER_LANG1-OTHER_LANG3 (individual languages spoken other than English) and WRITTEN_LANG1-WRITTEN_LANG2 ADDED | |
| PHDSPINE.MOUD | 1) Added the following variables to the MOUD dataset: DATE_END_MONTH_MOUD, DATE_END_YEAR_MOUD, DATE_START_MONTH_MOUD, DATE_START_YEAR_MOUD. Previously the MOUD dataset only had the masked dates (DATE_END_MOUD, DATE_START_MOUD), now it has the unmasked month and year for each date variable | |
| PHDSPINE.OVERDOSE | Revised code to add in Spine demographics for missing race and sex values | |

Update Summary Version 9

| PHD Dataset | Changes | Notes |
|---------------|--|-------|
| PHDSPINE.DEMO | Updated the following spine variables: DISABILITY_DD, DISABILITY_HEAR, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_UNCAT, DISABILITY_COMBO, FINAL_RE, FINAL_SEX, LANGUAGE, NON_MA, RACEETH_MANY, RACEETH_NEVER, SELF_FUNDED, SEX_MANY, | |

| PHD Dataset | Changes | Notes |
|---------------|---|-------|
| | SEX_NEVER, VETERAN , FOREIGN-BORN, EDUCATION, HOMELESS, OVERDOSE | |
| PHDSPINE.MOUD | Created this dataset to cover all MOUD found in the PHD. Contains ID, MOUD type, start date, and end date | |
| PHDBSAS.BSAS | <p>The following variables were added: PDM_PRV_ID, BSAS_ID BSAS_CLIENT_ID ENR_STATUS, CLT_TYPE_SECTION35_DERIVED DIS_REFERRAL_1, DIS_REFERRAL_2 DIS_REFERRAL_3, CLT_DIS_EMPLOYMENT CLT_ENR_HOUSING, CLT_DIS_HOUSING. Three variables were removed: PREG_ENH_ID POSTPARTUM_ENH_ID POSTPARTUM_ENH_MBHP_ID</p> <p>METHADONE_BSAS has new category (4) 1=Likely methadone 2=Buprenorphine 3=Naltrexone 4= Buprenorphine AND Naltrexone Blank = NA</p> | |
| PHDHEPC.HCV | <p>Clarifications were added to the following variables:</p> <ol style="list-style-type: none"> 1) For DISEASE_STATUS_HCV, we added the following information - "Please note, in individuals between 0-3 years, a value of probable indicates that they need follow up testing. Probable is not a valid final case status in these ages, although it may appear given the extract processes for the PHD" 2) For DISEASE_TYPE_HCV, we added the following information - "Please note that, beginning with the 2018 perinatal HCV case definition, neither the acute nor the chronic classification can be applied to individuals under the age of 3 years old. Perinatal HCV cases can be identified in this dataset by identifying those cases where DISEASE_STATUS_HCV is "Confirmed" and age is between 0 and 3 years." | |
| PHDDMH.DMH | <ol style="list-style-type: none"> 1) Added several new categories for: EMPLOYMENT_STATUS_DMH, ETHNICITY_DMH, | |

| PHD Dataset | Changes | Notes |
|---------------------|--|---------------------|
| | <p>LIVING_ARRANGEMENT_CLIENT_DMH and SITE_DMH.</p> <p>2) Expanded description for SERVICE_DMH.</p> <p>3) Added a new variable: SERVICE_TYPE_DMH.</p> <p>4) The variable RAP_DMH was dropped.</p> <p>5) The RAP variable in the DMH dataset will be deleted. A new dataset that will include all DMH clients that receive RAP services will be added later this year. RAP includes WRAP and the new program that will include men-“Recovery from Addiction” or “RAP” to be inclusive of this anticipated expansion</p> <p>6) Added 2021-2022 data, Refreshed 2011-2020 data</p> | |
| PHDDOC.DOC | updated admit date variables, added 2021 and 2022 data | |
| PHDHOC.HOC | <p>1) Federal hold category added to adj_status_hoc</p> <p>2) Added Plymouth 2011-2022, Added Hampshire 2021 and 2022</p> | |
| PHDHIV.HIV_PREV_CD4 | Variable CD4 "9=Missing/unknown" added | PHDHIV.HIV_PREV_CD4 |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

Birth Records Infant/Child: Registry of Vital Records and Statistics (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------------|---|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_Birth | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| BIRTH_LINK_ID | Project specific ID that links a mother and infant | ID linking mother and infant for each delivery | Num |
| ANOMALY_ADACTYLY | Congenital anomalies - Adactyly | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_ANENCEPHALY | Congenital anomalies - Anencephaly | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_CHD_CYANOTIC | Congenital anomalies - Cyanotic congenital heart disease | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHROM_DISORDER | Congenital anomalies - Suspected chromosomal disorder | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHROM_DISORDER_CONFIRMED | Congenital anomalies - suspected chromosomal disorder: Karyotype confirmed (chromosomal disorder) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------------|---|---|--------|
| ANOMALY_CHROM_DISORDER_PENDING | Congenital anomalies - suspected chromosomal disorder: Karyotype pending (chromosomal disorder) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CLEFT | Congenital anomalies - Cleft lip with or without cleft palate | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_CLEFT_P | Congenital anomalies - Cleft palate alone | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_CLUB_FT | Congenital anomalies - Club foot | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_DIAPHRAGMATIC_HERNIA | Congenital anomalies - Congenital diaphragmatic hernia | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_DOWN | Congenital anomalies - Down syndrome | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_DOWN_CONFIRMED | Congenital anomalies - Down syndrome: Karyotype confirmed | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_DOWN_PENDING | Congenital anomalies - Down syndrome: Karyotype pending | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_GASTRO | Congenital anomalies - Gastroschisis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_HYDROCEPH | Congenital anomalies - Hydrocephaly | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_HYPO | Congenital anomalies - Hypospadias | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_LIMB_REDUCTION | Congenital anomalies - Limb reduction defect (excluding dwarfing syndrome) | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_MENI_SB | Congenital anomalies - Meningomyelocele/Spina bifida | 0=No 1=Yes 9=Unknown | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|---|---|--------|
| ANOMALY_MICROCEPH | Microcephaly Added on 08/01/2017 | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_NONE | Congenital anomalies - None of the above | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_OMPH | Congenital anomalies - Omphalocele | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_OTHER_HEART | Congenital anomalies - Other heart malformations | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_OTHER_MUSC | Congenital anomalies - Other musculoskeletal anomalies | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_POLYDAC | Congenital anomalies - Polydactyly | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_RECTAL_ATRESIA | Congenital anomalies - Rectal atresia/stenosis | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_RENAL_AGENESIS | Congenital anomalies Renal agenesis | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_SYNDACTYLY | Congenital anomalies - Syndactyly | 0=No 1=Yes 9=Unknown | Num |
| ANOMALY_TEF_EA | Congenital anomalies - Tracheoesophageal fistula/esophageal atresia | 0=No 1=Yes 9=Unknown | Num |
| APGAR1 | Apgar at 1 minute | 1-10 99=unknown | Num |
| APGAR10 | Apgar at 10 minutes | 1-10 99=unknown | Num |
| APGAR5 | Apgar at 5 minutes | 1-10 99=unknown | Num |
| BIRTH_LENGTH | Birth length (inches) | XX.XX 99.99=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|---|--------|
| BIRTH_ORDER | Birth order of this infant | 0= Singleton 1= First 2= Second 3= Third 4= Fourth 9= Unknown | Num |
| BIRTH_WEIGHT | Infant birthweight in grams | Grams 9999=Unknown | Num |
| CERT_TITLE_BIRTH | Certifier Title | 1=MD 2=DO 3=CNM 4=OTHER MIDWIFE 5=OTHER 6=HOSPITAL ADMIN 8=NONE 9=Missing | Num |
| DISCH_DATE_BIRTH | Infant Discharge date | Date Proxy – count of days between discharge date and randomly chosen date in the past NOTE: The smaller the date proxy, the more recently the event occurred | Num |
| DISCH_YEAR_BIRTH | Year of Discharge | Years (2011-2019) | Num |
| DISCH_MONTH_BIRTH | Month of Discharge | Month (1-12) | Num |
| DISCH_WITH_MOM | Is child being discharged home with mother? | 0=No 1=Yes 9=Unknown | Num |
| DOB | Infant Date of birth | Date Proxy – count of days between birth date and randomly chosen date in the past NOTE: The smaller the date proxy, the more recently the event occurred | Num |
| MONTH_BIRTH | Month of birth (1-12) | Months 1-12 | Num |
| YEAR_BIRTH | Year of birth | Years, YYYY format (starts 2011) | Num |
| FACILITY_ID_BIRTH | Facility I.D. | 4 digit number 0000-9999 2000s = Massachusetts hospitals 3000s = birthing centers 0000 = home births 0050 = doctor's office/clinic 0070 = enroute 0090 = other facility 9999 = unknown | Char |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|---|--------|
| FACILITY_TYPE_BIRTH | Type of birthing facility | 1=MA hospital 2=Birthing center 3=Home birth 4=Doctor's office/clinic 5=En route 6=Other facility 9=Unknown 10=Out of state hospital | Num |
| FATHER_ETH_AFRICAN | Father's Ethnicity - African | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_AFRICAN_AMER | Father's Ethnicity - African American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_AMER | Father's Ethnicity - American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_AMER_NATIVE | Father's Ethnicity - Native American/American Indian/Alaskan Native | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_ASIAN_INDIAN | Father's Ethnicity - Asian Indian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_BRAZILIAN | Father's Ethnicity - Brazilian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_CAMBODIAN | Father's Ethnicity - Cambodian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_CAPE_VERDEAN | Father's Ethnicity - Cape Verdean | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_CARIBBEAN | Father's Ethnicity - Caribbean Islander | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_CEN_AMERICAN | Father's Ethnicity - Other Central American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_CHINESE | Father's Ethnicity - Chinese | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_COLOMBIAN | Father's Ethnicity - Colombian | 0=No 1=Yes 9=Unknown | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|---|---|--------|
| FATHER_ETH_CUBAN | Father's Ethnicity - Cuban | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_DOMINICAN | Father's Ethnicity - Dominican | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_EUROPEAN | Father's Ethnicity - European | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_FILIPINO | Father's Ethnicity - Filipino | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_GUATEMALAN | Father's Ethnicity - Guatemalan | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_ETH_HAITIAN | Father's Ethnicity - Haitian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_HISP_OTH | Father's Ethnicity - Hispanic/Latino/Other | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_HONDURAN | Father's Ethnicity - Honduran | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_ETH_JAPANESE | Father's Ethnicity - Japanese | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_KOREAN | Father's Ethnicity - Korean | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_LAOTIAN | Father's Ethnicity - Laotian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_MEX | Father's Ethnicity - Mexican, Mexican American, Chicano | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_MID_EASTERN | Father's Ethnicity - Middle Eastern | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_OTHER | Father's Ethnicity - Other | 0=No 1=Yes 9=Unknown | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|---|---|--------|
| FATHER_ETH_PAC_ISL_OT | Father's Ethnicity - Other Pacific Islander | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_PORTUGUESE | Father's Ethnicity - Portuguese | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_PORTUGUESE_OTH | Father's Ethnicity - Other Portuguese | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_PR | Father's Ethnicity - Puerto Rican | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_REFUSED | Father's Ethnicity - Refused | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_RUSSIAN | Father's Ethnicity - Russian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_ETH_S_AMER_OTH | Father's Ethnicity - Other South American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_SAL | Father's Ethnicity - Salvadoran | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_UNK | Father's Ethnicity - Unknown | 0=No 1=Yes 9=Unknown | Num |
| FATHER_ETH_VIET | Father's Ethnicity - Vietnamese | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_AMER_NATIVE | Father's Race - American Indian/Alaska Native/Native American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_ASIAN | Father's Race - Asian | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_ASIAN_OTH | Father's Race - Other Asian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|---|--|--------|
| FATHER_RACE_BIRTH | Single race/Hispanic ethnicity for father | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = unknown | Num |
| FATHER_RACE_BLACK | Father's Race - Black or African American | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_BLACK_HISP | Father's Race - Hispanic/Latino/Black | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_RACE_GUAM_CHAM | Father's Race - Guamanian or Chamorro | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_RACE_HAWAIIAN | Father's Race - Native Hawaiian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_RACE_OTH | Father's Race - Other | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_PI_OTH | Father's Race - Other Pacific Islander | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_RACE_REFUSED | Father's Race - Refused | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_SAMOAN | Father's Race - Samoan | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FATHER_RACE_UNK | Father's Race - Unknown | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_WHITE | Father's Race - White | 0=No 1=Yes 9=Unknown | Num |
| FATHER_RACE_WHITE_HISP | Father's Race - Hispanic/Latino/White | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|--|--------|
| FETAL_PRESENTATION | Fetal presentation at delivery | 1=Cephalic 2=Breech 3=Other 9=Unknown | Num |
| GESTATIONAL_AGE | Obstetric estimate of gestation at delivery (completed weeks) | Age in weeks 99=unknown | Num |
| HEAD_CIRC | Head circumference (centimeters) | 99.9=Unknown Blank=N/A (MF Record) | Num |
| HEARING_NOT_SCREENED | Hearing not screened because | 1=DECEASED 2=MISSED 3=PARENTS REFUSED 4=TRANSFERRED 5=OTHER (SPECIFY) Blank=N/A (MF Record) | Num |
| HEARING_RESULTS | Hearing screening results | 1=BOTH EARS DID NOT PASS 2=LEFT EAR DID NOT PASS 3=PASSED BOTH EARS 4=RIGHT EAR DID NOT PASS 5=SCREENED, RESULTS INCONCLUSIVE 6=NOT SCREENED 9=UNKNOWN | Num |
| HEAR_FOLLOW_UP_BC | Additional Hearing Screening info was added on 11/20/2019: In some cases, a baby who passes both ears still needs a follow-up due to a given risk condition. If passed, was a follow-up made? This field only applies if Hearing screening results is PASSED BOTH EARS. | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|---|--------|
| HEAR_RISK_BC | Risk condition New variable added on 11/20/2019 | 1 = Atresia or Microtia 2 = Bacterial meningitis 3 = Charge association 4 = Cleft lip 5 = Cleft palate 6 = Cytomegalovirus 7 = ECMO 8 = Family history of permanent hearing loss in childhood 9 = HIE 10 = Hyperbilirubinemia (>20 md/dl) 11 = Other conditions 12 = Other craniofacial anomaly 13 = Other syndrome associated with hearing loss 14 = Perinatal asphyxia 15 = Pierre Robin Syndrome 16 = Treacher Collins Syndrome 17 = Trisomy 21 (Down Syndrome) 18 = Zika | Num |
| ICOND_ACID | Abnormal conditions of the newborn - Acidosis | 0=No 1=Yes 9=Unknown | Num |
| ICOND_ANEMIA | Abnormal conditions of the newborn -Anemia | 0=No 1=Yes 9=Unknown | Num |
| ICOND_ANTIBIO | Abnormal conditions of the newborn -Antibiotics received by newborn for suspected neonatal sepsis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICOND_CYAN | Abnormal conditions of the newborn - Cyanosis | 0=No 1=Yes 9=Unknown | Num |
| ICOND_FAS | Abnormal conditions of the newborn - Fetal alcohol syndrome | 0=No 1=Yes 9=Unknown | Num |
| ICOND_HYPOT | Abnormal conditions of the newborn - Hypotonia | 0=No 1=Yes 9=Unknown | Num |
| ICOND_HYPOX | Abnormal conditions of the newborn - Hypoxia | 0=No 1=Yes 9=Unknown | Num |
| ICOND_INFECT | Abnormal conditions of the newborn - Congenital infection | 0=No 1=Yes 9=Unknown | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|--|---|--------|
| ICOND_INTRA_HEM | Abnormal conditions of the newborn - Intracranial hemorrhage | 0=No 1=Yes 9=Unknown | Num |
| ICOND_INTUB | Abnormal conditions of the newborn - Intubation | 0=No 1=Yes 9=Unknown | Num |
| ICOND_JAUND | Infant condition - Jaundice (bilirubin>10) | 0=No 1=Yes 9=Unknown | Num |
| ICOND_MAS | Abnormal conditions of the newborn - Meconium aspiration syndrome | 0=No 1=Yes 9=Unknown | Num |
| ICOND_NONE | Abnormal conditions of the newborn - None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICOND_OTHER | Abnormal conditions of the newborn - Other | 0=No 1=Yes 9=Unknown | Num |
| ICOND_RDS | Abnormal conditions of the newborn - Hyaline membrane disease/RDS | 0=No 1=Yes 9=Unknown | Num |
| ICOND_SEIZ | Abnormal conditions of the newborn - Seizure or serious neurologic dysfunction | 0=No 1=Yes 9=Unknown | Num |
| ICOND_TACH | Abnormal conditions of the newborn - Tachypnea | 0=No 1=Yes 9=Unknown | Num |
| ICOND_TOX | Abnormal conditions of the newborn - Positive toxicology screen | 0=No 1=Yes 9=Unknown | Num |
| INC_CODE_BIRTH | City/town that birth occurred | 1-351 888= Out of state 999=Unknown | Num |
| INF_BREAST_FED | Was infant breastfed during hospital stay? | 0=No 1=Yes 9=Unknown | Num |
| INF_VAC_HBIG | HBIG vaccine given | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| INF_VAC_HEPB | HEPB vaccine given | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------|---|--|--------|
| INF_VAC_NONE | No vaccines given | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| INTERNAL_TRANSFER_BIRTH | Was infant transferred internally? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| INTERNAL_TRANSFER_TO_BIRTH | Transferred internally to? | 1=NICU 2=SCN 3=SCU 8=N/A (not transferred) Blank=N/A (MF Record) | Num |
| NAS_BC | NAS indicated on birth certificate? This flag is based on searches on 3 birth certificates fields: Other infant condition, Other congenital anomaly, Other complication) for: Text search for: NEONATAL ABSTINENCE SYNDROME or NAS And codes for: 779.5, 760.62, 760.73, 760.72, P96.1, P04.49 | 0=No 1=Yes | Num |
| NAS_BC_NEW | Neonatal abstinence syndrome-new flag added to birth certificates on 11/20/2019 VIP birth manual (description): Neonatal abstinence syndrome (NAS) is defined as a group of conditions caused when a baby withdraws from certain drugs he's exposed to in the womb before birth. NAS should be checked off as an abnormal condition of the newborn if the infant is diagnosed with NAS based on the results of the hospital's standard screening policy for maternal drugs of abuse and newborn NAS screening. | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS**Analytic Data Dictionary
(PHDBIRTH.BIRTH_INFANT)**

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|---|--------|
| NEONAT_AVEN1 | Neonatal procedures - Assisted ventilation required immediately following delivery | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| NEONAT_AVEN6 | Neonatal procedures - Assisted ventilation required for more than six hours | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| NEONAT_PROC_NONE | Neonatal procedures - None of the above | 0=No 1=Yes 9=Unknown | Num |
| NEONAT_PROC_OTHER | Neonatal procedures - Other | 0=No 1=Yes 9=Unknown | Num |
| NEONAT_PROC_PHOTO | Neonatal procedures - Phototherapy | 0=No 1=Yes 9=Unknown | Num |
| NEONAT_PROC_SURF | Neonatal procedures - Newborn given surfactant replacement therapy | 0=No 1=Yes 9=Unknown | Num |
| PLURALITY | Plurality | Count 99=Unknown | Num |
| Res_Code_Birth | City/town | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_BIRTH | Zip code | 5 digit zip code 99999=Unknown | Char |
| SEX_BIRTH | Infant Sex | 1=M 2=F 9=Unknown | Num |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

Hospital list as of 4/29/2022

| <u>FACILITY ID BIRTH</u> | Name of MA Hospital | Address | City |
|--------------------------|--|--------------------------|----------------|
| 2001 | Somerville Hospital | 230 Highland Avenue | Somerville |
| 2003 | Carney Hospital | 2100 Dorchester Avenue | Boston |
| 2004 | Mary A. Alley Hospital | Widger Road | Marblehead |
| 2006 | Anna Jaques Hospital | Highland Avenue | Newburyport |
| 2007 | Beverly Hospital | Herrick And Heather St. | Beverly |
| 2008 | Union Hospital | 500 Lynnfield | Lynn |
| 2010 | St. Luke's Hospital | 101 Page Street | New Bedford |
| 2011 | St. Anne's Hospital | 795 Middle Street | Fall River |
| 2013 | Winthrop Community Hospital | 40 Lincoln Street | Winthrop |
| 2014 | North Shore Medical Center - Salem Hospital | 81 Highland Avenue | Salem |
| 2016 | Addison Gilbert Hospital | 298 Washington Street | Gloucester |
| 2018 | Emerson Hospital | Old Road | Concord |
| 2020 | Metrowest Med. Ctr.- Framingham Union Campus | 25 Evergreen Street | Framingham |
| 2022 | Morton Hospital | 88 Washington Street | Taunton |
| 2029 | Saints Memorial Medical Ctr. | Hospital Drive | Lowell |
| 2031 | Brookline Hospital | 165 Chestnut Street | Brookline |
| 2034 | Burbank Hospital | Nichols Road | Fitchburg |
| 2036 | Heywood Hospital | 242 Green Street | Gardner |
| 2038 | Lawrence Mem Hosp Of Medford | 170 Governors Avenue | Medford |
| 2039 | Metrowest Med. Ctr.- Leonard Morse Campus | 67 Union Street | Natick |
| 2040 | Lowell General Hospital | 295 Varnum Avenue | Lowell |
| 2041 | Malden Hospital | Hospital Road | Malden |
| 2042 | Martha's Vineyard Hospital | Linton Lane | Oak Bluffs |
| 2043 | Mass. Osteopathic Hospital | 222 S. Huntington Avenue | Boston |
| 2044 | Nantucket Cottage Hospital | South Prospect Street | Nantucket |
| 2046 | Whidden Memorial Hospital | 103 Garland Street | Everett |
| 2048 | Faulkner Hospital | 1153 Centre Street | Boston |
| 2052 | Fairview Hospital | 29 Lewis Avenue | Gt. Barrington |
| 2053 | Farren Memorial Hospital | Main Street | Montague |
| 2054 | Glover Memorial Hospital | 148 Chestnut Street | Needham |
| 2057 | Harvard Comm Health Plan Hosp | Parker Hill Medical Ctr | Boston |
| 2058 | Melrose-Wakefield Hospital | 585 Lebanon Street | Melrose |
| 2059 | New England Baptist Hospital | 91 Parker Hill Avenue | Boston |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| | | | |
|------|---|---------------------------|-------------|
| 2060 | Boston Regional Medical Center | 5 Woodland Road | Stoneham |
| 2061 | North Adams Regional Hospital | Hospital Avenue | North Adams |
| 2063 | Saints Memorial Med. Ctr. | 220 Pawtucket Street | Lowell |
| 2065 | St. Elizabeth's Medical Center | 90 Cushing Avenue | Boston |
| 2067 | Deaconess/Waltham Hospital | Hope Avenue | Waltham |
| 2069 | Beth Israel Deaconess Medical Ctr | 330 Brookline Avenue | Boston |
| 2071 | Mount Auburn Hospital | 330 Mount Auburn Street | Cambridge |
| 2073 | Atlanticare Medical Center | 212 Boston Street | Lynn |
| 2075 | Newton Wellesley Hospital | 2014 Washington Street | Newton |
| 2076 | Noble Hospital Inc. | 115 West Silver Street | Westfield |
| 2077 | UMASS Memorial Health Care | 281 Lincoln Street | Worcester |
| 2078 | Amesbury Hospital | Morrill Place | Amesbury |
| 2082 | Beth Israel Deaconess Hospital-Plymouth | Sandwich Road | Plymouth |
| 2084 | UMASS Memorial Health Care | 750 Harrison Avenue | Boston |
| 2085 | St. Elizabeth's Hospital | 736 Cambridge Street | Boston |
| 2089 | Choate/Symmes Hospital | 21 Warren Avenue | Woburn |
| 2091 | Hahnemann Hospital | 1515 Commonwealth Avenue | Boston |
| 2092 | New England Deaconess Hospital | 185 Pilgrim Road | Boston |
| 2093 | Hunt Memorial Hospital | Lindall Street | Danvers |
| 2094 | Winchester Hospital | 41 Highland Avenue | Winchester |
| 2098 | Fairlawn Hospital | 169 May Street | Worcester |
| 2099 | Lawrence General Hospital | One General Street | Lawrence |
| 2100 | Sturdy Memorial Hospital | 211 Park Street | Attleboro |
| 2101 | Caritas Good Samaritan Medical Center | 909 Sumner Street | Stoughton |
| 2102 | Youville Hospital | 1575 Cambridge Street | Cambridge |
| 2103 | Marlborough Hospital | 57 Union Street | Marlborough |
| 2105 | Milford Regional Medical Center | Main And Prospect Streets | Milford |
| 2106 | Tobey Hospital | 43 High Street | Wareham |
| 2107 | South Shore Hospital | 55 Fogg Road | Weymouth |
| 2108 | Cambridge Hospital | 1493 Cambridge Street | Cambridge |
| 2110 | Holden District Hospital | Boyden Avenue | Holden |
| 2113 | North Shore Childrens Hospital | 57 Highland Avenue | Salem |
| 2114 | Caritas Norwood Hospital | 800 Washington Street | Norwood |
| 2118 | Brockton Hospital | 680 Centre Street | Brockton |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| | | | |
|------|-----------------------------------|---------------------------|-------------|
| 2119 | Central Hospital | 26-28 Central Street | Somerville |
| 2120 | Franklin Medical Center | 164 High Street | Greenfield |
| 2124 | Umass Memorial Medical Center | 119 Belmont Street | Worcester |
| 2125 | Worcester City Hospital | 26 Queen Street | Worcester |
| 2126 | Clinton Hospital | 201 Highland Street | Clinton |
| 2127 | Healthalliance-Leominster Campus | Hospital Road | Leominster |
| 2128 | St. Vincent Hospital | 25 Winthrop Street | Worcester |
| 2131 | Hale/Haverhill Municipal Hospital | 140 Lincoln Avenue | Haverhill |
| 2132 | Jewish Memorial Hospital | 59 Townsend Street | Boston |
| 2135 | Cape Cod Hospital | 27 Park Street | Barnstable |
| 2139 | Children's Hosp Medical Center | 300 Longwood Avenue | Boston |
| 2143 | Harrington Memorial Hospital | 100 South Street | Southbridge |
| 2145 | Holyoke Hospital | 575 Beech Street | Holyoke |
| 2148 | Mary Lane Hospital | 85 South Street | Ware |
| 2149 | Mercy Medical Center | 233 Carew Street | Springfield |
| 2150 | Providence Hospital | 1233 Main Street | Holyoke |
| 2151 | Quincy Hospital | 114 Whitwell Street | Quincy |
| 2152 | Shriner's Hospital | 516 Carew Street | Springfield |
| 2155 | Cooley Dickinson Hospital | 30 Locust Street | Northampton |
| 2157 | Hubbard Regional Hospital | Thompson Road | Webster |
| 2160 | Ludlow Hospital Society | 14 Chestnut Place | Ludlow |
| 2167 | Mass. Eye And Ear Infirmary | 243 Charles Street | Boston |
| 2168 | Massachusetts General Hospital | 32 Fruit Street | Boston |
| 2171 | J.B. Thomas Hospital | 15 King Street | Peabody |
| 2181 | Wing Memorial Hospital | Wright Street | Palmer |
| 2202 | Doctors Hospital Of Worcester | 107 Lincoln Street | Worcester |
| 2213 | Sancta Maria Hospital | 799 Concord Avenue | Cambridge |
| 2221 | J.P. Kennedy Jr. Memorial Hosp | 50 Warren Street | Boston |
| 2223 | Springfield Municipal Hospital | 1400 State Street | Springfield |
| 2225 | Steward Holy Family Hospital | 70 East Street | Methuen |
| 2226 | Athol Memorial Hospital | 2033 Main Street | Athol |
| 2227 | Milton Hospital | 92 Highland Street | Milton |
| 2231 | Hillcrest Hospital | 165 Tor Court, Po Box 115 | Pittsfield |
| 2235 | Grover Manor Hospital | 405 Washington Street | Revere |
| 2242 | Barnstable County Hospital | County Road | Bourne |
| 2250 | New England Sinai Hospital | P.O. Box 647, York St9 | Stoughton |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

| | | | |
|------|--------------------------------|--------------------------|-------------|
| 2260 | Parkwood Hospital | 4499 Acushnet Avenue | New Bedford |
| 2269 | St. John Of God Hospital | 296 Allston Street | Boston |
| 2271 | Otis Hospital | 85 Otis Street | Cambridge |
| 2272 | Bethany Hospital | Bethany Road | Framingham |
| 2276 | Naukeag Hospital | Lake Road | Ashburnham |
| 2278 | Plymouth County Hospital | High Street | Hanson |
| 2280 | Hampshire County Chronic Hosp | Off River Road - Leeds | Northampton |
| 2281 | Worcester County Hospital | Dr. Paul Ware Drive | Boylston |
| 2282 | Norfolk County Hospital | 2001 Washington Street | Braintree |
| 2284 | Middlesex County Hospital | 775 Trapelo Road | Waltham |
| 2289 | Falmouth Hospital | Ter Heun Drive | Falmouth |
| 2290 | Hebrew Rehab Center For Aged | 1200 Center Street | Boston |
| 2292 | Whittier Rehabilitation Hosp | 76 Sumner Street | Haverhill |
| 2293 | St. Camillus Hospital | 307 Hill Street | Northbridge |
| 2298 | Nashoba Community Hospital | 200 Groton Road | Ayer |
| 2299 | Tufts Medical Center | 171 Harrison Avenue | Boston |
| 2303 | Mount Pleasant Hospital | 60 Granite Street | Lynn |
| 2304 | Cushing Hospital | Dudley Road P.O. Box 150 | Framingham |
| 2307 | Boston Medical Center | 818 Harrison Avenue | Boston |
| 2310 | Notre Dame Chronic Dis. Hosp. | 355 Plantation Street | Worcester |
| 2311 | Good Samaritan Medical Center | 235 North Pearl Street | Brockton |
| 2312 | Frances P. Memorial Hospital | 1074 Pleasant Street | New Bedford |
| 2313 | Berkshire Medical Center | 725 North Street | Pittsfield |
| 2316 | Shriner's Burn Institute | 50 Blossom Street | Boston |
| 2321 | Spaulding Rehabilitation Hosp | 125 Nashua Street | Boston |
| 2323 | Fuller Memorial Hospital | 231 Washington Street | Attleboro |
| 2324 | Austen Riggs Center, Inc. | Main Street | Stockbridge |
| 2325 | Westwood Lodge Hospital | 45 Clapboardtree Street | Westwood |
| 2326 | Baldpate, Inc. | Baldpate Road | Georgetown |
| 2327 | Human Resource Inst. Of Boston | 227 Babcock Street | Brookline |
| 2328 | Eric Lindemann Mentl Hlth Cntr | Government Center | Boston |
| 2329 | New England Rehab Hospital | 1 Rehabilitaiton Way | Woburn |
| 2330 | Corrigan Mental Health Center | 49 Hillside Street | Fall River |
| 2333 | Braintree Hospital | 250 Pond Street | Braintree |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS**Analytic Data Dictionary
(PHDBIRTH.BIRTH_INFANT)**

| | | | |
|------|----------------------------------|---------------------------|-------------|
| 2335 | Dana Farber Cancer Center | 44 Binney Street | Boston |
| 2336 | Shaughnessy Rehab. Hospital | Dove Street | Salem |
| 2337 | Charlton Memorial Hospital | Highland Avenue | Fall River |
| 2339 | Baystate Medical Center | 759 Chestnut Street | Springfield |
| 2341 | Brigham and Women's Hospital | 75 Francis Street | Boston |
| 2342 | Lahey Clinic Hospital | 41 Mall Road | Burlington |
| 2347 | Southwood Community Hospital | 111 Dedham Street | Norfolk |
| 2803 | Danvers State Hospital | Po Box 50 | Danvers |
| 2807 | H.C. Solomon Mental Health Ctr | 391 Varnum Avenue | Lowell |
| 2808 | Mass. Mental Health Center | 74 Fenwood Road | Boston |
| 2809 | Medfield State Hospital | Hospital Road | Medfield |
| 2810 | Metropolitan State Hospital | 475 Trapelo Road | Waltham |
| 2812 | Northampton State Hospital | Prince And West Streets | Northampton |
| 2817 | Westborough State Hospital | Lyman Street | Westborough |
| 2818 | Worcester State Hospital | 305 Belmont Street | Worcester |
| 2820 | Lakeville Hospital | Main Street | Lakeville |
| 2821 | Lemuel Shattuck Hospital | 170 Morton Street | Boston |
| 2822 | Massachusetts Hospital School | Randolph Street | Canton |
| 2824 | Rutland Heights Hospital | Maple Avenue | Rutland |
| 2825 | Tewksbury Hospital | East Street | Tewksbury |
| 2826 | Western Massachusetts Hospital | 91 East Mountain Road | Westfield |
| 2827 | L.F. Quigley Mem. Hosp | Soldier's Home | Chelsea |
| 2828 | Soldier's Home In Holyoke | Cherry Street | Holyoke |
| 2835 | Charles River Hospital | 203 Grove Street | Wellesley |
| 2836 | The Arbour Hospital | 49 Robinswood Avenue | Boston |
| 2837 | Bournewood Hospital | 300 South Street | Brookline |
| 2840 | Bridgewater State Hospital | Administration Rd. Po Box | Bridgewater |
| 2841 | UMASS Memorial Health Care | 55 Lake Avenue North | Worcester |
| 2910 | Mattapan Hospital | 249 River Street | Boston |
| 2911 | Long Island Hospital | Boston Harbor | Boston |
| 2920 | McLean Hospital | 115 Mill Street | Belmont |
| 2984 | Bedford Va Hospital | 200 Spring Road | Bedford |
| 2985 | Boston V.A. Hospital | 150 S. Huntington Avenue | Boston |
| 2986 | Brockton/W.Roxbury V.A. Hospital | Belmont Street | Brockton |

BIRTH RECORDS INFANT/CHILD - REGISTRY OF VITAL RECORDS AND STATISTICS**Analytic Data Dictionary
(PHDBIRTH.BIRTH_INFANT)**

| | | | |
|------|---|------------------------|-------------|
| 2987 | Northampton V.A. Hospital | | Northampton |
| 2989 | Brighton Marine Pub Health Ctr | 77 Warren Street | Boston |
| 2991 | Cutler Army Hospital | Fort Devens | Ayer |
| 2992 | Pocasset Mental Health Center | Drawer Do | Bourne |
| 2993 | Brockton Area Facility | Taunton State Hospital | Taunton |
| 2994 | New Bedford Facility | Hodges Avenue | Taunton |
| 3001 | North Shore Birth Center | Hennick Street | Beverly |
| 3005 | Birthplace At Wellesley | 173 Worcester (Rt 9) | Wellesley |
| 3006 | Cambridge Birth Center | | |
| 2PW2 | Outpatient Center Of Marylane Hospital | | |
| 4S4R | Seven Sisters Medwifery And Birthing Ctr | | |
| 2I6I | LAHEY MEDICAL CTR, PEADODY, | | Peabody |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Birth Records MOM: Registry of Vital Records and Statistics (PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_Birth | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| BIRTH_LINK_ID | Project specific ID that links a mother and infant | ID linking mother and infant for each delivery | Num |
| AGE_BIRTH | Maternal age in years | Age in years 9999=Unknown | Num |
| ALC_BEFORE | Did mother drink three months before or during pregnancy? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ALC_DURING | Any alcohol consumption during pregnancy? | 0=No 1=Yes 9=Unknown | Num |
| ALC_NUM_TRI1 | First three months of pregnancy - number of drinks | # of drinks 99=Unknown Blank=N/A (MF Record) | Num |
| ALC_NUM_TRI2 | Second three months of pregnancy - number of drinks | # of drinks 99=Unknown Blank=N/A (MF Record) | Num |
| ALC_NUM_TRI3 | Third trimester of pregnancy - number of drinks | # of drinks 99=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|--|--------|
| BMI_BIRTH | Mother's pre-pregnancy BMI | XX.X 99.99 = Unknown Blank=N/A (MF Record) | Num |
| CENSUS_IND_BIRTH | Bureau of census industry code (mother) | 4 digit bureau of census industry code | Num |
| CENSUS_OCC_BIRTH | Bureau of census occupation code (mother) | 4 digit bureau of census occupation code | Num |
| CIG_DURING_PREG | Any tobacco use during pregnancy? | 0=No 1=Yes 9=Unknown | Num |
| CIG_NUM_TRI1 | First three months of pregnancy - # of cigarettes | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| CIG_NUM_TRI2 | Second three months of pregnancy - # of cigarettes | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| CIG_NUM_TRI3 | Third trimester of pregnancy - # of cigarettes | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| DELIV_METHOD | Final route and method of delivery | 1= Vaginal 2= VBAC 3= Primary CS 4= Repeated CS 9= Unknown | Num |
| DENTAL_CLEANING | Teeth cleaned by a dentist or dental hygienist during this pregnancy? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_AI_HOSP | Pregnancy resulted from Artificial insemination | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_AI_MOM | Mother reported artificial insemination during month of conception | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_ART_HOSP | Pregnancy resulted from Assisted reproductive technology | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_ART_MOM | Mother reported use of Assisted Reproductive Technology during month of conception | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|----------------|---|---|--------|
| FERT_DRUG_HOSP | Pregnancy resulted from Fertility-enhancing drugs | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_DRUG_MOM | Mother reported use of fertility enhancing drugs during month of conception | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_EGG_MOM | Mother reported that "anonymous egg donor" applied during this pregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_HOSP | Did this pregnancy result from infertility treatment | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_IUI_HOSP | Pregnancy resulted from Intrauterine insemination | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_IUI_MOM | Mother reported intrauterine insemination during month of conception | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_MOM | Mother reported fertility drugs/medical procedures | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_MONTH_MOM | Mother checked the box, "I was not using fertility treatment during the month that I got pregnant" | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_NONE_MOM | Mother reported "None of these" (anonymous egg donor, anonymous sperm donor, surrogacy) apply during this pregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_OTHER_MOM | Mother reported Other fertility-related medical treatment during month of conception | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|---|--------|
| FERT_SPERM_MOM | Mother reported that "anonymous sperm donor" applied during this pregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_SURROGATE_MOM | Mother reported that "surrogacy" applied during this pregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FETAL_PRESENTATION | Fetal presentation at delivery | 1=Cephalic 2=Breech 3=Other 9=Unknown | Num |
| FIRST_PRENATAL_DATE | Date of first prenatal care | Proxy Date – count of days between first prenatal visit date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred Blank = No PNC | Num |
| FIRST_PRENATAL_YEAR | Year of first prenatal care | YYYY | Num |
| FIRST_PRENATAL_MONTH | Month of first prenatal care | Months (1-12) | Num |
| FOREIGN_BORN_BIRTH | Mother's country of birth | 0=US born 1=Foreign born 9=Unknown | Num |
| GRAVIDITY | Total number of times a woman has been pregnant, including the index birth. GRAVIDITY CALCULATION IS NUMBER OF LIVE BIRTHS LIVING + NUMBER OF LIVE BIRTHS NOW DEAD + NUMBER OF TERMINATIONS + 1. | Count 99=Unknown/Blanks | Num |
| HOME_BIRTH_PLANNED | Planned to deliver at home? | 0=No 1=Yes 8=N/A 9=Unknown | Num |
| KOTELCHUCK | Adequacy of Prenatal Care Utilization Index | 0=Missing/Unknown 1= Inadequate 2= Intermediate 3= Adequate 4=Intensive | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary (PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------------|---|---|--------|
| LAD_COMP_ABRUPTIO | Complications of Labor & Delivery - Abruptio placenta | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_ANESTHETIC | Complications of Labor & Delivery - Anesthetic complications | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_ANTIBIOTIC | Complications of Labor & Delivery - Antibiotics received by the mother during labor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP_BLEED | Complications of labor & delivery - Other excessive bleeding | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_CEPHALOPELVIC_DISP | Complications of Labor & Delivery - Cephalo pelvic disproportion | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_CHORIOAMNIONITIS | Complications of Labor & Delivery - Clinical chorioamnionitis/maternal temp.>= 38C (100.4F) | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_CORD_PROLAPSE | Complications of Labor & Delivery - Cord prolapse | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_DYSFUNC | Complications of Labor & Delivery - Dysfunctional labor | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_LONGSTAGE2 | Complications of labor & delivery - Prolonged 2nd stage | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_NONE | Complications of labor & delivery - None of the above | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_OTHER | Complications of labor & delivery - Other | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_PLACENTAPREVIEW | Complications of labor & delivery - Placenta previa | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_RUPTUREPROLONG | Complications of labor & delivery - Rupture of membrane - prolonged (>24 hours) | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------------|--|---|--------|
| LAD_COMP_SEIZURE | Complications of labor & delivery - Seizures during labor | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_ECV_F | Labor and delivery procedures - External cephalic version: Failed | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_ECV_S | Labor and delivery procedures - External cephalic version: Successful | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_ECV | Labor and delivery procedures - External cephalic version | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_ESAN | Labor & Delivery procedures - Epidural or spinal anesthesia during labor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_FETAL_MON_E | Labor & Delivery procedures - Electronic fetal monitoring (external) | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_FETAL_MON_I | Labor & Delivery procedures - Electronic fetal monitoring (internal) | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_HYS | Labor & Delivery procedures - Unplanned hysterectomy | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_ICU | Labor & Delivery procedures - Admission to intensive care unit | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_INDUCION | Labor & Delivery procedures - Induction of labor | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_LACERATE | Labor & Delivery procedures - Third or fourth degree perineal laceration | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_MATERNAL_TRANFUSION | Labor & Delivery procedures - Maternal transfusion | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|--|--------|
| LAD_PROC_NONE | Labor & Delivery procedures - None of the above | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_OTHER | Labor & Delivery procedures - Other | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC RUPT UTERUS | Labor & Delivery procedures - Ruptured uterus | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_STEROID | Labor & Delivery procedures - Steroids (glucocorticoids) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_PROC_STIM LABOR | Labor & Delivery Procedures Stimulation/augmentation of labor | 0=No 1=Yes 9=Unknown | Num |
| LANGUAGE_SPOKEN | Language preferred for speaking about health | 1=English 2=Spanish 3=Portuguese 4=Cape Verdean Creole 5=Haitian Creole 6=Khmer, 7=Vietnamese 8=Cambodian 9=Somali 10=Arabic 11=Albanian 12=Chinese 13=Russian 14=American Sign Language 15=Other 88=Refused 99=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|---|--------|
| LANGUAGE_WRITTEN | Language preferred for reading about health | 1=English 2=Spanish 3=Portuguese 4=Cape Verdean Creole 5=Haitian Creole 6=Khmer, 7=Vietnamese 8=Cambodian 9=Somali 10=Arabic 11=Albanian 12=Chinese 13=Russian 14=Other 88=Refused 99=Unknown Blank=N/A (MF Record) | Num |
| LAST_LIVE_BIRTH_DATE | Date of last live birth | Date Proxy – count of days between last live birth date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| LAST_LIVE_BIRTH_YEAR | Year of last live birth | YYYY | Num |
| LAST_LIVE_BIRTH_MONTH | Month of last live birth | Months (1-12) | Num |
| LAST_MENSES_DATE | Date last normal menses began | Date Proxy – count of days between last menses date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| LAST_MENSES_YEAR | Year of last normal menses | YYYY | Num |
| LAST_MENSES_MONTH | Month of last normal menses | Months (1-12) | Num |
| LAST_OTHER_OUTCOME_DATE | Date of last other pregnancy outcome | Date Proxy – count of days between last menses date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred Blank = No other birth outcomes | Num |
| LAST_OTHER_OUTCOME_YEAR | Year of last other pregnancy outcome | YYYY | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|--|---|--------|
| LAST_OTHER_OUTCOME_MONTH | Month of last other pregnancy outcome | Months (1-12) | Num |
| LD_PAY | N/A | 1=Public 2=Private 9=Unknown | Num |
| MARITAL_BIRTH | Marital status at time of birth | 1 = Unmarried 2 = Married 9 = Missing/Unknown | Num |
| MATINF_CHLAM | Maternal infections - Chlamydia | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_GON | Maternal infections - Gonorrhea | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_HEPB | Maternal infections - Hepatitis B | 0=No 1=Yes 9=Unknown | Num |
| MATINF_HEPC | Maternal infections - Hepatitis C | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_NONE | Maternal Infections - None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_RUBELLA | Maternal Infections - Rubella infection during pregnancy | 0=No 1=Yes 9=Unknown | Num |
| MATINF_SYPH | Maternal Infections - Syphilis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_DIABETES_G | Maternal risk factors - Gestational diabetes | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_DIABETES_P | Maternal risk factors - Diabetes, prepregnancy | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_ANEMIA | Maternal risk factors - Anemia (HCT < 30, HGB < T10) | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--------|
| MATRISK_C_SEC | Maternal risk factors - Previous cesarean delivery | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_C_SEC_NUM | Maternal risk factors - If previous cesarean, how many? | Count 99=Unknown 88 = Not applicable Blank=N/A (MF Record) | Num |
| MATRISK_CANCERS | Maternal risk factors - Maternal cancers | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_CARDIAC | Maternal risk factors - Cardiac disease | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_CERVIX | Maternal risk factors - Incompetent cervix | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_HEMOGLOB | Maternal risk factors - Hemoglobinopathy, non-sickle cell anemia | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_HYDRAMNIO S | Maternal risk factors - Hydramnios | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_E | Maternal risk factors - Hypertension, eclampsia | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_HYPER_G | Maternal risk factors - Hypertension, gestational | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_HYPER_P | Maternal risk factors - Hypertension, prepregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_C | Maternal risk factors - Hypercoagulable conditions | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_PRE_ E | Maternal risk factors - Hypertension, pre-eclampsia | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary (PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------|--|---|--------|
| MATRISK_LARGE_INF | Maternal risk factors - Previous infant 4000+ grams | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_LUNG | Maternal risk factors -Acute or chronic lung disease | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_NONE | Maternal risk factors - None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_OLIGOHYDRA MNIO | Maternal risk factors - Oligohydramnios | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_OTHER | Maternal Risk Factors - Other | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_PKU | Maternal Risk Factors - Maternal PKU | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_PRE_DIABETE S | Maternal Risk Factors - Pre- diabetes | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_PRE_LABOR | Maternal Risk Factors - Pre- term labor this pregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_PREV_PRETE RM | Maternal Risk Factors - Previous preterm birth | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_PREV_BD | Maternal Risk Factors - Previous infant with birth defects | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_RENAL | Maternal Risk Factors - Renal disease | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_RH | Maternal Risk Factors - RH sensitization | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_SEIZURE | Maternal Risk Factors - Seizure disorders | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--------|
| MATRISK_SICKLE | Maternal Risk Factors - Sickle cell anemia | 0=No 1=Yes 9=Unknown | Num |
| MATRISK_WT_GAIN | Maternal Risk Factors - Weight gain inappropriate for mother | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_WT_LOSS | Maternal Risk Factors - Weight loss inappropriate for mother | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_LUPUS | Maternal risk factors -Lupus erythematosus | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_EDU | Highest grade of elementary or secondary school that the mother completed. | 1=No HS degree 2=HS degree or GED 3=Associate or Bachelor degree 4=Post graduate 5=Other 8=Refused 9=Unknown/Unobtainable 10=Special Education | Num |
| MOTHER_ETH_AFRICAN | Mother's Ethnicity - African | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_AFRICAN_AMER | Mother's Ethnicity - African American | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_AMER | Mother's Ethnicity - American | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_ASIAN_INDIAN | Mother's Ethnicity - Asian Indian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_BRAZILIAN | Mother's Ethnicity - Brazilian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_CAMBODIAN | Mother's Ethnicity - Cambodian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_CAPE_VERDEAN | Mother's Ethnicity - Cape Verdean | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|---|---|--------|
| MOTHER_ETH_CARIBBEAN | Mother's Ethnicity - Caribbean Islander | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_CEN_AMER | Mother's Ethnicity - Other Central American | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_CHINESE | Mother's Ethnicity - Chinese | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_COLOMBIAN | Mother's Ethnicity - Colombian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_CUBAN | Mother's Ethnicity - Cuban | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_DOMINICAN | Mother's Ethnicity - Dominican | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_EUROPEAN | Mother's Ethnicity - European | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_FILIPINO | Mother's Ethnicity - Filipino | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_GUATEMALAN | Mother's Ethnicity - Guatemalan | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_ETH_HAITIAN | Mother's Ethnicity - Haitian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_HISP_OTHER | Mother's Ethnicity - Hispanic/Latina/Other | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_HONDURAN | Mother's Ethnicity - Honduran | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_ETH_JAPANESE | Mother's Ethnicity - Japanese | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_KOREAN | Mother's Ethnicity - Korean | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|---|---|--------|
| MOTHER_ETH_LAOTIAN | Mother's Ethnicity - Laotian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_MEX | Mother's Ethnicity - Mexican, Mexican American, Chicana | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_MID_EASTERN | Mother's Ethnicity - Middle Eastern | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_OTHER | Mother's Ethnicity - Mother's Ethnicity - Other | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_PAC_ISLAND_OT | Mother's Ethnicity - Other Pacific Islander | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_PORTUGUESE | Mother's Ethnicity - Portuguese | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_PORTUGUESE_OTH | Mother's Ethnicity - Other Portuguese | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_PR | Mother's Ethnicity - Puerto Rican | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_REFUSED | Mother's Ethnicity - Refused | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_RUSSIAN | Mother's Ethnicity - Russian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_ETH_S_AMER_OTH | Mother's Ethnicity - Other South American | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_SAL | Mother's Ethnicity - Salvadoran | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_UNK | Mother's Ethnicity - Unknown | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_ETH_VIET | Mother's Ethnicity - Vietnamese | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|--|--------|
| MOTHER_HEIGHT | Mother's height (feet) | One digit integer Blank=N/A (MF Record) | Num |
| MOTHER_HEIGHT_IN | Mother's height (inches) | Two digit integer Blank=N/A (MF Record) | Num |
| MOTHER_RACE_AMER_NATIVE | Mother's Race - American Indian/Alaska Native/Native American | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_ASIAN | Mother's Race - Asian | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_ASIAN_OTH | Mother's Ethnicity - Other Asian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_BIRTH | Single race/Hispanic ethnicity for mother | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = unknown | Num |
| MOTHER_RACE_BLACK | Mother's Race - Black | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_BLACK_HISP | Mother's Race - Hispanic/Latina/Black | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_GUAM_CHAM | Mother's Race - Guamanian or Chamorro | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_HAWAIIAN | Mother's Ethnicity - Native Hawaiian | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_OTH | Mother's Race - Other | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_PI_OTH | Mother's Race - Other Pacific Islander | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|---|--------|
| MOTHER_RACE_REFUSED | Mother's Race - Refused | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_SAMOAN | Mother's Race - Samoan | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_UNK | Mother's Race - Unknown | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_WHITE | Mother's Race - White | 0=No 1=Yes 9=Unknown | Num |
| MOTHER_RACE_WHITE_HISP | Mother's Race - Hispanic/Latina/White | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_WEIGHT_NOW | Weight at admission for delivery (pounds) | Integer 999=Missing Blank=N/A (MF Record) | Num |
| MOTHER_WEIGHT_PRIOR | Pre-pregnancy weight (pounds) | Integer 999=Missing Blank=N/A (MF Record) | Num |
| NAICS_BIRTH | North American Industry Classification System | 6 digit North American Industry code | Char |
| NAICS_YEAR_BIRTH | Coding year for NAICS | 4 digit year | Num |
| OTHER_OUTCOME_NUM | Total number of other pregnancy outcomes | Count 99=Unknown | Num |
| PARITY | PARITY CALCULATION IS NUMBER OF LIVE BIRTHS LIVING+NUMBER OF LIVE BIRTHS NOW DEAD+1 | Count 99=Unknown | Num |
| PRENAT_AMNIO | Prenatal tests of procedures - Amniocentesis | 0=No 1=Yes 9=Unknown | Num |
| PRENAT_CVS | Prenatal tests of procedures - CVS (Chorionic villus sampling), a procedure for first-trimester prenatal diagnosis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| PRENAT_FETAL_SURG | Prenatal tests of procedures -Fetal surgery | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|---|--------|
| PRENAT_HOSP | Prenatal tests of procedures - Hospitalization (prenatal for this pregnancy) | 0=No 1=Yes 9=Unknown | Num |
| PRENAT_NONE | Prenatal Tests and Procedures - None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| PRENAT_OTHER | Prenatal Tests and Procedures - Other | 0=No 1=Yes 9=Unknown | Num |
| PRENAT_SITE | Primary prenatal care site | 1 = Private Physician's Office 2 = Community Health Center 3 = HMO 4 = Hospital Clinic 5 = Other 9 = Unknown | Num |
| PRENAT_ULTRAS | Prenatal Tests and Procedures - Ultrasound | 0=No 1=Yes 9=Unknown | Num |
| PRENATAL_CARE | Prenatal care? | 0=No 1=Yes 8=Refused 9=Unknown Blank=N/A (MF Record) | Num |
| PRENATAL_CARE_COUNT | Total number of prenatal care visits | Count 88=no prenatal care 99=Unknown | Num |
| PRENATAL_PAY | Source of payment for prenatal care | 1=Public 2=Private 3=Other 9=Unknown | Num |
| PREVIOUS_LIVE_DEAD | Number of live births now dead | Count 88 = Refused 99=Unknown | Num |
| PREVIOUS_LIVE_LIVING | Number now living | Count 88 = Refused 99=Unknown | Num |
| RES_CODE_BIRTH | City/town | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_BIRTH | Zip code | 5 digit zip code 99999=Unknown | Char |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|---|--|--------|
| SPOUSE_IS_FATHER | Is the spouse or deceased spouse the father/parent? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| SOC_BIRTH | SOC code | XX-XXXX | Char |
| WIC_BIRTH | Did mother receive WIC food for herself? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| SYSTEM | Is the record from MainFrame or VIP? | 1=MF 2=VIP | Num |
| YEAR_BIRTH | Year of birth | YYYY | Num |
| INFANT_DOB | Date of infant birth | Date Proxy – count of days between infant birth and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| MONTH_BIRTH | Month of birth | 1-12 | Num |
| | | | |
| LAD_COMP_ARRIVE_EARLY | <p>Started being collected on 07/16/2018</p> <p>New Progesterone section on 12 Parent Confidential: In any prior pregnancy, did the baby arrive more than 3 weeks early as mother went into labor or her water broke?</p> | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|---|--|--------|
| LAD_COMP_SHORT_CERVIX | Started being collected on 07/16/2018. New Progesterone section on 12 Parent Confidential: Was mother told she had short cervix during this pregnancy? | 0=No 1=Yes 9=Unknown | Num |
| LAD_COMP_OFFERED_PROG | Started being collected on 07/16/2018 New Progesterone section on 12 Parent Confidential: Was mother offered progesterone during this pregnancy? | 0=No 1=Yes, due to a short cervix during this pregnancy 2=Yes, due to an early delivery in a prior pregnancy 9=Unknown | Num |
| LAD_COMP_RECEIVED_PROG | Started being collected on 07/16/2018 New Progesterone section on 12 Parent Confidential: Did mother receive progesterone during this pregnancy? | 1=Yes, progesterone shots 2=Yes, vaginal progesterone 3=Yes, oral progesterone, pills 4=No 5=No, insurance would not cover 6= No, mother declined; 9=Unknown | Num |
| LAD_COMP_DENTAL_CONDITION | Started being collected on 07/16/2018 New Other Self-Reported Items on tab 12 Parent Confidential: Oral health conditions (e.g. swollen or bleeding gums, dental decay, signs of infection) | 0=No 1=Yes 9=Unknown | Num |

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary (PHDBIRTH.BIRTH_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|--|----------------------------|--------|
| LAD_COMP_DENTAL_REFER | Started being collected on 07/16/2018. New Other Self-Reported Items on tab 12 Parent Confidential: If dental visit is more than 6 months or if any oral health problems identified, were you referred to a dentist? | 0=No 1=Yes 9=Unknown | Num |
| LAD_ELECTIVE_CONVENIENCE | Started being collected on 07/16/2018 New Item added to Method of Delivery section of tab 15 Labor and Delivery:Was this an elective delivery that was scheduled for convenience of patient or obstetrical provider? | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_TDAP_VAC | Started being collected on 07/16/2018 New items added in Test and Procedures section on tab 14 Prenatal 2 Tdap Vaccine | 0=No 1=Yes 9=Unknown | Num |
| LAD_PROC_FLU_VAC | Started being collected on 07/16/2018 New items added in Test and Procedures section on tab 14 Prenatal 2 Influenza (Flu) Vaccine | 0=No 1=Yes 9=Unknown | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

Bureau of Substance Addiction Services (PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---|---|--------|
| ID | Project specific ID | 9 character alphanumeric ID | Char |
| Match_level_BSAS | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness.</p> | Num |
| AGE_BSAS | Client's age in years at enrollment (calculated from DOB and enrollment date) | Age in years (from 12 yrs old) Blank=missing | Num |
| BIRTH_MONTH_BSAS | Month of birth | 1-12 99=Missing/unknown | Num |
| BIRTH_YEAR_BSAS | Year of birth | YYYY 9999=Missing/unknown | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|------------------------------------|---|--------|
| CLT_DIS_EMPLOYMENT_BSAS | Employment status at disenrollment | 1 = Working Full Time 2 = Working Part Time 3 = Unemployed - Looking 4 = Unemployed - Not Looking 5 = Not In Labor Force - Student 6 = Not In Labor Force - Retired 7 = Not In Labor Force - Disabled 8 = Not In Labor Force - Homemaker 9 = Not In Labor Force - Other 10 = Not In Labor Force - Incarcerated 11 = Volunteer 13 = Maternity/Family Leave 14 = Refused 15 = Unable to Work 94 = Other 95 = Unknown 99 = Missing | Num |
| CLT_DIS_HOUSING_BSAS | Housing at disenrollment | 1= House / Apartment 2= Room / Boarding House 3= Institution 4= Group Home 5= Shelter / Mission 6= Streets 7= Foster Care 8= Refused 9= Missing/Unknown | Num |
| CLT_ENR_EDUCATION | Education level at enrollment | 1 = Not of School Age 2 = No Formal Education 3 = Some Schooling 4 = Some High School 5 = High School Diploma / GED 6 = Some College 7 = Associates Degree 8 = College Degree or Higher 9 = Other Credentials 95 = Unknown 99 = Missing | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|---|--------|
| CLT_ENR_EMPLOYMENT | Employment status at enrollment | 1 = Working Full Time 2 = Working Part Time 3 = Unemployed - Looking 4 = Unemployed - Not Looking 5 = Not In Labor Force - Student 6 = Not In Labor Force - Retired 7 = Not In Labor Force - Disabled 8 = Not In Labor Force - Homemaker 9 = Not In Labor Force - Other 10 = Not In Labor Force - Incarcerated 11 = Volunteer 13 = Maternity/Family Leave 14 = Refused 15 = Unable to Work 94 = Other 95 = Unknown 99 = Missing | Num |
| CLT_ENR_HAS_CHILDREN | Does the client have children at enrollment? | 0 = Does Not Have Children 1 = Has Children 8 = Refused 9 = Missing | Num |
| CLT_ENR_HEAR_IMPAIR | Did client have hearing impairment at enrollment? | 0 = None 1 = Slight 2 = Moderate 3 = Severe 9 = Missing | Num |
| CLT_ENR_LIVES_6TO18 | Client lives with children 6 - 18 years of age at Enrollment? | 0 = Does Not Live with a Child 6-18 1 = Lives with a Child 6-18 9 = Missing | Num |
| CLT_ENR_LIVES_OVER18 | Client lives with children over 18 years of age at enrollment? | 0 = Does Not Live with a Child over 18 1 = Lives with a Child over 18 9 = Missing | Num |
| CLT_ENR_LIVES_UNDER6 | Client lives with children under 6 years of age at enrollment? | 0 = Does Not Live with a Child Under 6 1 = Lives with a Child Under 6 9 = Missing | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|---|--|--------|
| CLT_ENR_MARITAL_STATUS | Marital status at enrollment | 1 = Never Married 2 = Married 3 = Separated 4 = Divorced 5 = Widowed 6 = Partnership 9 = Missing | Num |
| CLT_ENR_DEVEL_DIS | Did client have a developmental disability at enrollment? | 0 = None 1 = Slight 2 = Moderate 3 = Severe 9 = Missing | Num |
| CLT_ENR_MHTX | Reported prior mental health treatment at enrollment | 0 = No Prior History 1 = Prior Counseling 2 = One Prior Hospitalization 3 = Two or More Prior Hospitalizations 9 = Missing | Num |
| CLT_ENR_MOB_AID_CRUTCHES | Was client using a mobility aid at enrollment? crutches | 0 = Not Using Crutches at Enrollment 1 = Using Crutches at Enrollment 9 = Missing | Num |
| CLT_ENR_MOB_AID_MAN_WC | Was client using a mobility aid at enrollment? manual wheelchair | 0 = Not Using a Manual Wheelchair at Enrollment 1 = Using a Manual Wheelchair at Enrollment 9 = Missing | Num |
| CLT_ENR_MOB_AID_NONE | Was client using a mobility aid at enrollment? none | 0 = Using Some Mobility Aid at Enrollment 1 = Not Using Any Mobility Aid at Enrollment 9 = Missing | Num |
| CLT_ENR_MOB_AID_WALKER | Was client using a mobility aid at enrollment? Walker | 0 = Not Using a Walker at Enrollment 1 = Using a Walker at Enrollment 9 = Missing | Num |
| CLT_ENR_MOB_AID_WC | Was client using a mobility aid at enrollment? electric wheelchair | 0 = Not Using an Electric Wheelchair at Enrollment 1 = Using an Electric Wheelchair at Enrollment 9 = Missing | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|---|---|--------|
| CLT_ENR_OVERDOSES_LIFE | Number of drug overdoses in the client's lifetime | This is a continuous variable with values ≥ 0 . 999 = SAS system missing values | Num |
| CLT_ENR_PRIMARY_DRUG | client's self-identified primary substance at enrollment | See code list | Num |
| CLT_ENR_SECONDARY_DRUG | Client's self-identified secondary substance at enrollment | See code list | Num |
| CLT_ENR_SECTION35_BSAS | Is the client enrolled through Section 35 | 0= Not Section 35 Client 1 = Section 35 Client 8= Other 9= Unknown | Num |
| CLT_ENR_SELF_CARE_IMPAIR | Did client have self-care/activities of daily living (ADL) skills impairment at enrollment? | 0 = None 1 = Slight 2 = Moderate 3 = Severe 9 = Missing | Num |
| CLT_ENR_TERTIARY_DRUG | Client's self-identified tertiary substance at enrollment | See code list | Num |
| CLT_ENR_VISION_IMPAIR | Did Client have vision impairment at enrollment? | 0 = None 1 = Slight 2 = Moderate 3 = Severe 9 = Missing | Num |
| CLT_ENR_ZIP_CODE | Client's zip code at enrollment | 5 digit zip code | Char |
| CLT_HOMELESS_AT_ENR | Identifies if client is homeless at enrollment? | 0 = No 1 = Yes 8 = Unable to Determine 9 = Missing | Num |
| CLT_ENR_CHRONIC_HOMELESS | Is client chronically homeless? | 0 = No 1 = Yes 9 = Missing/invalid/not collected | Num |
| CLT_TYPE_VETERAN_BSAS | Client type at enrollment: Veteran | 0 = No 1 = Yes 9 = Missing | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|---|--------|
| DIS_DATE_BSAS | Number representing days between event and random date in the future | Date Proxy – count of days between disenrollment date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DIS_MONTH_BSAS | Month of the end date for the enrollment | Month, 1-12 Missing 99 | Num |
| DIS_REASON_TYPE | Reason for disenrollment | 1= Completed 2= Dropout 3= Administrative Discharge 4= Hospitalized 6= Moved 7= Assessment Only 8= Incarcerated 9= Active/Expired Enrollments 10= AMA 11= ACA 12= Relapsed 13= Parent 14= ACA/AMA 15= Transferred 16= Deceased 17= EAR Disenrollment Reasons 94= Other 99= Missing/Unknown | Num |
| DIS_REFERRAL1_BSAS | Primary referral at disenrollment | See DIS_REFERRAL1 code list | Num |
| DIS_REFERRAL2_BSAS | Secondary referral at disenrollment | See DIS_REFERRAL2 code list | Num |
| DIS_REFERRAL3_BSAS | Tertiary referral at disenrollment | See DIS_REFERRAL3 code list | Num |
| DIS_YEAR_BSAS | Calendar year of the end date for the enrollment | Year, yyyy Missing 9999 | Num |
| ENR_STATUS_BSAS | What is the client's enrollment status? | 1 Closed 2 Active 3 Expired | Num |
| ENR_YEAR_BSAS | Calendar year of the start date for the enrollment | Year, yyyy Missing 9999 | Num |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|---|--------|
| ENR_MONTH_BSAS | Month of the start date for the enrollment | Month, 1-12 Missing 99 | Num |
| ENR_DATE_BSAS | Number representing days between event and random date in the future | Date Proxy – count of days between enrollment date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| METHADONE_BSAS | Treatment provided for participants in PDM_PRV_SERV_TYPE of 6 (methadone treatment), 26 (OBOT) and 63 (Project MAT) | 1=Likely methadone 2=Buprenorphine 3=Naltrexone 4= Buprenorphine or Naltrexone Blank = Not applicable | Num |
| PDM_PRV_ID | Treatment provider ID | number | Num |
| PDM_PRV_SERV_CAT | Treatment service category, <i>please verify type of treatment using medical, Rx records</i> | See code list | Num |
| PDM_PRV_SERV_TYPE | Treatment program type <i>please verify treatment provided using medical and Rx records.</i> | See code list | Num |
| RACE_BSAS | Client race(derived) | 1=White non-Hispanic 2=Black non-Hispanic 3=Asian/PI non-Hispanic 4=Hispanic 5=American Indian or Other 9= Missing | Num |
| RES_CODE_BSAS | Client's city/town at enrollment (Boston neighborhoods collapsed into Boston) | 1-351 for valid MA city/town 999=Unknown | Num |
| SEX_BSAS | Intake reported gender | 1 = Male 2 = Female 9 = Missing | Num |

Bureau of Substance Addiction Services (BSAS)

Analytic Data Dictionary

(PHDBSAS.BSAS)

| clt_enr_drug (all types) |
|--|
| 0=None |
| 1=Alcohol |
| 2=Cocaine |
| 3=Crack |
| 4=Marijuana |
| 5=Heroin |
| 6=Non-Rx Methadone |
| 7=Other Opiates |
| 8=PCP |
| 9=Other Hallucinogens |
| 10=Methamphetamine |
| 11=Other Amphetamines |
| 12=Other Stimulants |
| 13=Benzodiazepines |
| 14=Other Tranquilizers |
| 15=Barbiturates |
| 16=Other Sedatives |
| 17=Inhalants |
| 18=OTC |
| 19=Club Drugs |
| 21=Oxycodone |
| 22=Non-Rx Suboxone |
| 23=Rx Opiates |
| 24=Non-Rx Opiates |
| 25=K2marij |
| 26=Fentanyl |
| 94=Other/refused |
| 99=Missing |

| | DIS_REFERRAL1 DIS_REFERRAL2 DIS_REFERRAL3 |
|----|---|
| 0 | Referral Not Needed - Assessment Indicates that Client Does Not Require to Enter Formal Treatment |
| 1 | Self, Family, Non Medical Professionals |
| 2 | BMC Central Intake |
| 3 | ATS - Level A |
| 4 | Transitional Support Services |
| 5 | Clinical Stabilization Services |
| 6 | Residential Treatment |
| 7 | Outpatient SA Counseling |
| 8 | Opioid Treatment |
| 9 | Drunk Driving Program |
| 10 | Acupuncture |
| 11 | Gambling Program |
| 12 | Section 35 (WATC / MATC) |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| | |
|----|--|
| | <u>DIS_REFERRAL1</u> <u>DIS_REFERRAL2</u> <u>DIS_REFERRAL3</u> |
| 13 | Youth Program |
| 14 | Sober House |
| 15 | Information and Referral |
| 16 | Recovery Support Center |
| 17 | Second Offender Aftercare |
| 18 | Family Intervention Programs |
| 19 | Other SA Treatment |
| 20 | Healthcare Professional, Hospital |
| 21 | Emergency Room |
| 22 | HIV/AIDS Program |
| 23 | Needle Exchange Program |
| 24 | Section 35 Framingham MCI |
| 26 | Mental Health Care Professional |
| 30 | School Personnel, School Systems |
| 31 | Recovery High School |
| 40 | Supervisor / Employee Counselor |
| 50 | Shelter |
| 51 | Community and Religious Organizations |
| 59 | Drug Court |
| 60 | Court - Section 35 |
| 61 | Court - DUI |
| 62 | Court - Drugs |
| 63 | Court - Other |
| 64 | Pre-Release, Legal Aid, Police |
| 65 | County House of Correction/Jail |
| 66 | Office of Community Corrections |
| 67 | Dept. of Corrections |
| 68 | Dept. of Probation |
| 69 | Massachusetts Parole Board |
| 70 | Dept. of Youth Services |
| 71 | Dept. of Children and Families |
| 72 | Dept. of Mental Health |
| 73 | Dept. of Developmental Services |
| 74 | Dept. of Public Health |
| 75 | Dept. of Transitional Assistance |
| 76 | Office for Child Care Services |
| 77 | Mass. Rehab. Commission |
| 78 | Mass. Commission for the Blind |
| 79 | Mass. Comm. For Deaf and Hard of Hearing |
| 80 | Other State Agency |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| | |
|-----|---|
| | DIS_REFERRAL1 DIS_REFERRAL2 DIS_REFERRAL3 |
| 81 | Division of Medical Assistance (MassHealth) |
| 82 | Community Behavioral Health |
| 83 | Afterschool Program |
| 84 | YMCA |
| 85 | Boys and Girls Club |
| 88 | Refused |
| 95 | Referral Not Needed - Appropriate Mental Health Clinical Services Already in Place |
| 96 | Referral Not Needed - Appropriate Substance Abuse Clinical Services Already in Place |
| 97 | Referral Not Made - Client Dropped Out |
| 98 | Referral Attempted - Not Wanted by Client |
| 99 | Early Intervention |
| 100 | Family Support Program |
| 101 | Early Intervention |
| 102 | Family Support Program |
| 994 | Other |
| 995 | Unknown |

| |
|--|
| pdm_prv_serv_cat |
| 2=Post Detox Stabilization |
| 3=Outpatient |
| 4=Residential |
| 5=Case Management |
| 6=Recovery Support Services |
| 7=Opioid Treatment |
| 8=Statewide Services and Coordination |
| 10=Youth Treatment Programs |
| 11=Family Treatment Services |
| 13=Acute Treatment Services |
| 14=County Corrections |
| 15=Intervention |
| 16=Recovery High School |
| 17=Youth Program |
| 18=Recovery Support |
| 19=Engagement, Assessment and Referral |
| 20=Re-entry services |
| 94=Other |
| 99=Missing |

| |
|-----------------------------------|
| pdm_prv_serv_type |
| 1=1st Offender Drunk Driver |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| |
|--|
| <u>pdm_prv_serv_type</u> |
| 2=2nd Offender Aftercare |
| 3=2nd Offender Residential |
| 4=Acupuncture Detoxification |
| 5=Acute Treatment Services |
| 6=Methadone Treatment |
| 8=ATR-Recovery Support Services |
| 10=Case Management |
| 12=Clinical Stabilization Services |
| 13=Community Based Case Management |
| 14=Compulsive Gambling |
| 15=County Corrections |
| 16=Day Treatment |
| 17=Drug Court Program |
| 18=Drug Court Case Management |
| 19=Expanded Treatment Services |
| 20=Family Intervention |
| 21=Family Oriented Case Management |
| 22=Family Residential |
| 24=Intensive Outpatient Treatment |
| 26=Office Based Opioid Treatment Services |
| 28=Outpatient Case Management |
| 29=Outpatient Counseling |
| 30=Outpatient Detox |
| 31=Outpatient Services |
| 32=Partnership For Success |
| 33=Permanent Housing SCM |
| 34=Prevention Services |
| 35=Recovery High Schools |
| 36=Recovery Home |
| 37=Recovery Support Centers |
| 38=Recovery Support Outpatient Services |
| 39=Social Model House |
| 40=Statewide Housing Support |
| 41=Statewide Services and Coordination |
| 42=Street Outreach/ Housing Stabilization |
| 43=Substance Abuse Prevention Collaborative (SAPC) |
| 44=Tewksbury Stabilization |
| 45=Therapeutic Community |
| 46=Transitional Housing SCM |
| 47=Transitional Support Services |
| 48=Young Adult Residential |
| 49=Youth Intervention |
| 50=Youth Residential |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
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| |
|---|
| <u>pdm_prv_serv_type</u> |
| 52=Youth Stabilization |
| 53=Section 35 |
| 54=Jail Diversion - Residential Component |
| 55=CHINS - Substance Abuse Services |
| 56=Housing Options Program |
| 57=Crim Just Collab-Youth |
| 58=ATARP |
| 59=Opioid Urgent Care Centers |
| 61=Low Threshold Housing SCM |
| 62=SYT-I Project A-CRA |
| 63=SYT-I Project MAT |
| 64=Supportive Case Management |
| 65=Crim Just Collab-Adult |
| 66=Young Adult Residential Case Management |
| 67=Family Intervention - Clinical Support |
| 68=CJ Diversion |
| 69=State Parole Board |
| 70=Jail Diversion - Case Management Component |
| 71=DYS Residential |
| 72=ER Visit |
| 73=Inpatient Hospital Stay |
| 76=Observation |
| 80=Death Record |
| 81=Youth Program |
| 82=BSAS-STR-HOC |
| 83=Heroin Education Aware Task |
| 84=Post Detox Pre-Recovery |
| 85=Family Intervention - Family Support |
| 86=State Funded Earmarks |
| 87=Enhanced OBOT |
| 88=Medication Assisted Re-Entry Initiative and BSAS-STR-HOC |
| 89=Collaborative and Transitional Models for MAT |
| 90=Moms Do Care |
| 91=Transitional Addiction Treatment |
| 92=SOR Home Visit Initiative |
| 93=Co-Occurring Enhanced Residential Rehab Services |
| 94=Low Threshold |
| 95=School Based Intervention Long Term |
| 96= Project AMP |
| 97= Opioid Urgent Care Center Bridge Program |
| 98= Correctional MAT |
| 99= PPW Intensive Day Treatment |
| 100= STR - RSC |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
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| <u>pdm_prv_serv_type</u> |
|---|
| 101= MOUD Surveillance |
| 102= Rapid Rehousing |
| 103= Enhanced Srvcs for Stimulant Use Disorder |
| 104= High School Co-occurring Disorder - ACRA |
| 105= High School Co-occurring Disorder - Project AMP |
| 106= High School Co-occurring Disorder - Diversion |
| 107=Mobile Addiction Services |
| 108 Recovery Based Re-entry services for Black and Latino Men |
| 109=Pre-Release Re-Entry Services for Black and Latino Men |
| 110=Overflow Youth Stabilization |
| 111=Intensive Services for Women |
| 112=Green Care - Intervention |
| 113=Green Care - Treatment |
| 114=Low Threshold Housing Services |
| 999 Missing/unknown |

| <u>clt_enr_nbhd</u> |
|---------------------|
| 1=Abington |
| 2=Acton |
| 3=Acushnet |
| 4=Adams |
| 5=Agawam |
| 6=Alford |
| 7=Amesbury |
| 8=Amherst |
| 9=Andover |
| 10=Arlington |
| 11=Ashburnham |
| 12=Ashby |
| 13=Ashfield |
| 14=Ashland |
| 15=Athol |
| 16=Attleboro |
| 17=Auburn |
| 18=Avon |
| 19=Ayer |
| 20=Barnstable |
| 21=Barre |
| 22=Becket |
| 23=Bedford |
| 24=Belchertown |
| 25=Bellingham |
| 26=Belmont |
| 27=Berkley |
| 28=Berlin |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
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| |
|------------------------------|
| clt_enr_nbhd |
| 29=Bernardston |
| 30=Beverly |
| 31=Billerica |
| 32=Blackstone |
| 33=Blandford |
| 34=Bolton |
| 35=Boston |
| 36=Bourne |
| 37=Boxboro |
| 38=Boxford |
| 39=Boylston |
| 40=Braintree |
| 41=Brewster |
| 42=Bridgewater |
| 43=Brimfield |
| 44=Brockton |
| 45=Brookfield |
| 46=Brookline |
| 47=Buckland |
| 48=Burlington |
| 49=Cambridge |
| 50=Canton |
| 51=Carlisle |
| 52=Carver |
| 53=Charlemont |
| 54=Charlton |
| 55=Chatham |
| 56=Chelmsford |
| 57=Chelsea |
| 58=Cheshire |
| 59=Chester |
| 60=Chesterfield |
| 61=Chicopee |
| 62=Chilmark |
| 63=Clarksburg |
| 64=Clinton |
| 65=Cohasset |
| 66=Colrain |
| 67=Concord |
| 68=Conway |
| 69=Cummington |
| 70=Dalton |
| 71=Danvers |
| 72=Dartmouth |
| 73=Dedham |
| 74=Deerfield |
| 75=Dennis |
| 76=Dighton |
| 77=Douglas |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| |
|------------------------------|
| clt_enr_nbhd |
| 78=Dover |
| 79=Dracut |
| 80=Dudley |
| 81=Dunstable |
| 82=Duxbury |
| 83=East Bridgewater |
| 84=East Brookfield |
| 85=East Longmeadow |
| 86=Eastham |
| 87=Easthampton |
| 88=Easton |
| 89=Edgartown |
| 90=Egremont |
| 91=Erving |
| 92=Essex |
| 93=Everett |
| 94=Fairhaven |
| 95=Fall River |
| 96=Falmouth |
| 97=Fitchburg |
| 98=Florida |
| 99=Foxboro |
| 100=Framingham |
| 101=Franklin |
| 102=Freetown |
| 103=Gardner |
| 104=Aquinnah |
| 105=Georgetown |
| 106=Gill |
| 107=Gloucester |
| 108=Goshen |
| 109=Gosnold |
| 110=Grafton |
| 111=Granby |
| 112=Granville |
| 113=Great Barrington |
| 114=Greenfield |
| 115=Groton |
| 116=Groveland |
| 117=Hadley |
| 118=Halifax |
| 119=Hamilton |
| 120=Hampden |
| 121=Hancock |
| 122=Hanover |
| 123=Hanson |
| 124=Hardwick |
| 125=Harvard |
| 126=Harwich |

Bureau of Substance Addiction Services (BSAS)
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| |
|------------------------------|
| clt_enr_nbhd |
| 127=Hatfield |
| 128=Haverhill |
| 129=Hawley |
| 130=Heath |
| 131=Hingham |
| 132=Hinsdale |
| 133=Holbrook |
| 134=Holden |
| 135=Holland |
| 136=Holliston |
| 137=Holyoke |
| 138=Hopedale |
| 139=Hopkinton |
| 140=Hubbardston |
| 141=Hudson |
| 142=Hull |
| 143=Huntington |
| 144=Ipswich |
| 145=Kingston |
| 146=Lakeville |
| 147=Lancaster |
| 148=Lanesboro |
| 149=Lawrence |
| 150=Lee |
| 151=Leicester |
| 152=Lenox |
| 153=Leominster |
| 154=Leverett |
| 155=Lexington |
| 156=Leyden |
| 157=Lincoln |
| 158=Littleton |
| 159=Longmeadow |
| 160=Lowell |
| 161=Ludlow |
| 162=Lunenburg |
| 163=Lynn |
| 164=Lynnfield |
| 165=Malden |
| 166=Manchester |
| 167=Mansfield |
| 168=Marblehead |
| 169=Marion |
| 170=Marlborough |
| 171=Marshfield |
| 172=Mashpee |
| 173=Mattapoisett |
| 174=Maynard |
| 175=Medfield |

Bureau of Substance Addiction Services (BSAS)
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| |
|------------------------------|
| clt_enr_nbhd |
| 176=Medford |
| 177=Medway |
| 178=Melrose |
| 179=Mendon |
| 180=Merrimac |
| 181=Methuen |
| 182=Middleboro |
| 183=Middlefield |
| 184=Middleton |
| 185=Milford |
| 186=Millbury |
| 187=Millis |
| 188=Millville |
| 189=Milton |
| 190=Monroe |
| 191=Monson |
| 192=Montague |
| 193=Monterey |
| 194=Montgomery |
| 195=Mount Washington |
| 196=Nahant |
| 197=Nantucket |
| 198=Natick |
| 199=Needham |
| 200=New Ashford |
| 201=New Bedford |
| 202=New Braintree |
| 203=New Marlboro |
| 204=New Salem |
| 205=Newbury |
| 206=Newburyport |
| 207=Newton |
| 208=Norfolk |
| 209=North Adams |
| 210=North Andover |
| 211=North Attleboro |
| 212=North Brookfield |
| 213=North Reading |
| 214=Northampton |
| 215=Northboro |
| 216=Northbridge |
| 217=Northfield |
| 218=Norton |
| 219=Norwell |
| 220=Norwood |
| 221=Oak Bluffs |
| 222=Oakham |
| 223=Orange |
| 224=Orleans |

Bureau of Substance Addiction Services (BSAS)
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(PHDBSAS.BSAS)

| |
|------------------------------|
| clt_enr_nbhd |
| 225=Otis |
| 226=Oxford |
| 227=Palmer |
| 228=Paxton |
| 229=Peabody |
| 230=Pelham |
| 231=Pembroke |
| 232=Pepperell |
| 233=Peru |
| 234=Petersham |
| 235=Phillipston |
| 236=Pittsfield |
| 237=Plainfield |
| 238=Plainville |
| 239=Plymouth |
| 240=Plympton |
| 241=Princeton |
| 242=Provincetown |
| 243=Quincy |
| 244=Randolph |
| 245=Raynham |
| 246=Reading |
| 247=Rehoboth |
| 248=Revere |
| 249=Richmond |
| 250=Rochester |
| 251=Rockland |
| 252=Rockport |
| 253=Rowe |
| 254=Rowley |
| 255=Royalston |
| 256=Russell |
| 257=Rutland |
| 258=Salem |
| 259=Salisbury |
| 260=Sandisfield |
| 261=Sandwich |
| 262=Saugus |
| 263=Savoy |
| 264=Scituate |
| 265=Seekonk |
| 266=Sharon |
| 267=Sheffield |
| 268=Shelburne |
| 269=Sherborn |
| 270=Shirley |
| 271=Shrewsbury |
| 272=Shutesbury |
| 273=Somerset |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| |
|------------------------------|
| clt_enr_nbhd |
| 274=Somerville |
| 275=South Hadley |
| 276=Southampton |
| 277=Southboro |
| 278=Southbridge |
| 279=Southwick |
| 280=Spencer |
| 281=Springfield |
| 282=Sterling |
| 283=Stockbridge |
| 284=Stoneham |
| 285=Stoughton |
| 286=Stow |
| 287=Sturbridge |
| 288=Sudbury |
| 289=Sunderland |
| 290=Sutton |
| 291=Swampscott |
| 292=Swansea |
| 293=Taunton |
| 294=Templeton |
| 295=Tewksbury |
| 296=Tisbury |
| 297=Tolland |
| 298=Topsfield |
| 299=Townsend |
| 300=Truro |
| 301=Tyngsboro |
| 302=Tyringham |
| 303=Upton |
| 304=Uxbridge |
| 305=Wakefield |
| 306=Wales |
| 307=Walpole |
| 308=Waltham |
| 309=Ware |
| 310=Wareham |
| 311=Warren |
| 312=Warwick |
| 313=Washington |
| 314=Watertown |
| 315=Wayland |
| 316=Webster |
| 317=Wellesley |
| 318=Wellfleet |
| 319=Wendell |
| 320=Wenham |
| 321=West Boylston |
| 322=West Bridgewater |

Bureau of Substance Addiction Services (BSAS)
Analytic Data Dictionary
(PHDBSAS.BSAS)

| |
|------------------------------|
| clt_enr_nbhd |
| 323=West Brookfield |
| 324=West Newbury |
| 325=West Springfield |
| 326=West Stockbridge |
| 327=West Tisbury |
| 328=Westboro |
| 329=Westfield |
| 330=Westford |
| 331=Westhampton |
| 332=Westminster |
| 333=Weston |
| 334=Westport |
| 335=Westwood |
| 336=Weymouth |
| 337=Whatley |
| 338=Whitman |
| 339=Wilbraham |
| 340=Williamsburg |
| 341=Williamstown |
| 342=Wilmington |
| 343=Winchendon |
| 344=Winchester |
| 345=Windsor |
| 346=Winthrop |
| 347=Woburn |
| 348=Worcester |
| 349=Worthington |
| 350=Wrentham |
| 351=Yarmouth |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

BSAS MOUD Disenrollment (PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|----------------------------|----------------------|--|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | char |
| Match_level_hocmoud dis | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | num |
| mat_dis_disenroll_date | Disenrollment Date | <p>Date Proxy: Count of days between disenrollment and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | num |
| mat_dis_disenroll_month | Disenrollment month | Months, 1-12 | num |
| mat_dis_disenroll_year | Disenrollment year | Years, YYYY format | num |
| mat_dis_age | Disenrollment age | Age in years | num |
| dis_county | County | <p>1= Berkshire</p> <p>2= Bristol</p> <p>3= Essex</p> <p>4= Franklin</p> <p>5= Hampden</p> <p>6= Hampshire</p> <p>7= Middlesex</p> <p>8= Norfolk</p> <p>9= Suffolk</p> | num |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|----------------|---|--|--------|
| mat_dis_reason | Disenrollment Reason | 1= Administrative/non-compliant 2= Deceased 3= Inappropriate 4= Completed 5= Hospitalized, Medical 6= Transferred to another DOC/HOC 7= Drop Out 8= Hospitalized, Mental Health 9= Released from DOC/HOC 88= Unknown 99= Refused Note: if missing, question was leaving blank during assessment | num |
| mat_dis_gender | Gender | 1= Male 2= Female 3= Transgender | num |
| mat_dis_3 | Re-entry treatment plan includes medication-assisted treatment | 1= Yes 0= No 77= Not Applicable 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_dis_4a | 4a. Referred to Self Help | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_dis_4b | 4b. Frequency of attendance at self-help programs in the last 30 days or since admission if in treatment less than 30 days. | 1= No attendance in the past month 2= 1-3 times in past month (less than once per week) 3= 4-7 times in past month (about once per week) 4= 8-15 times in past month (2 or 3 times per week) 5= 16-30 times in past month (4 or more times per week) 6= Some attendance, but frequency unknown 88=Unknown 99= Refused | num |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|--|--|--------|
| | | Note: if missing, question was left blank during assessment | |
| mat_dis_5a | 5. Referral #1 - Client referrals at disenrollment | 0= Referral Not Needed - Assessment Indicates that Client Does Not Require Entering Formal Treatment 95= Referral Not Needed - Appropriate Mental Health Clinical Services Already in Place 96= Referral Not Needed - Appropriate Substance Abuse Clinical Services Already in Place 97= Referral Not made - Client Dropped Out 98= Referral Attempted - Not Wanted by Client 1= Self, Family, Non-medical Professional 2= BMC Central Intake/Room 5 3= ATS/Detox 4= Transitional Support Services/TSS 5= Clinical Stabilization Services/CSS-CMID 6= Residential Treatment 7= Outpatient SA Counseling 8= Medication Assisted Treatment 9= Drunk Driving Program 10= Acupuncture 11= Gambling Program 14= Sober House 16= New Recovery Support Center 17= Second Offender Aftercare 18= Family Intervention Programs 19= Other Substance Abuse Treatment 20= Health Care Professional, Hospital 21= Emergency Room 22= HIV/AIDS Program 23= Needle Exchange Program 26= Mental Health Care Professional 30= School Personnel, School System/College 31= Recovery High School | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|--|--|--------|
| | | 40= Supervisor/employee Counselor 50= Shelter 51= Community or Religious Organization 59= Drug Court 64= Prerelease, Legal Aid, Police 68= Office of the Commissioner of Probation 69= Massachusetts Parole Board 70= Dept. of Youth Services 71= Dept. of Children and Families 72= Dept. of Mental Health 73= Dept. of Developmental Services 74= Dept. of Public Health 75= Dept. of Transitional Assistance 76= Dept. of Early Education and Care 77= Mass. Rehab. Commission 78= Mass. Commission for the Blind 79= Mass. Comm. For Deaf & Hard of Hearing 80= Other State Agency 81= Division of Medical Assistance/MassHealth 88=Unknown 99= Refused Note: if missing, question was left blank during assessment | |
| Mat_dis_5b | 5. Referral #2 – Client referrals at disenrollment | 0= Referral Not Needed - Assessment Indicates that Client Does Not Require Entering Formal Treatment 95= Referral Not Needed - Appropriate Mental Health Clinical Services Already in Place 96= Referral Not Needed - Appropriate Substance Abuse Clinical Services Already in Place 97= Referral Not made - Client Dropped Out 98= Referral Attempted - Not Wanted by Client | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|----------------------|--|--------|
| | | 1= Self, Family, Non-medical Professional 2= BMC Central Intake/Room 5 3= ATS/Detox 4= Transitional Support Services/TSS 5= Clinical Stabilization Services/CSS-CMID 6= Residential Treatment 7= Outpatient SA Counseling 8= Medication Assisted Treatment 9= Drunk Driving Program 10= Acupuncture 11= Gambling Program 14= Sober House 16= New Recovery Support Center 17= Second Offender Aftercare 18= Family Intervention Programs 19= Other Substance Abuse Treatment 20= Health Care Professional, Hospital 21= Emergency Room 22= HIV/AIDS Program 23= Needle Exchange Program 26= Mental Health Care Professional 30= School Personnel, School System/College 31= Recovery High School 40= Supervisor/employee Counselor 50= Shelter 51= Community or Religious Organization 59= Drug Court 64= Prerelease, Legal Aid, Police 68= Office of the Commissioner of Probation 69= Massachusetts Parole Board 70= Dept. of Youth Services 71= Dept. of Children and Families 72= Dept. of Mental Health 73= Dept. of Developmental Services 74= Dept. of Public Health 75= Dept. of Transitional Assistance | |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|--|--|--------|
| | | 76= Dept. of Early Education and Care 77= Mass. Rehab. Commission 78= Mass. Commission for the Blind 79= Mass. Comm. For Deaf & Hard of Hearing 80= Other State Agency 81= Division of Medical Assistance/MassHealth 99= Unknown Note: if missing, question was left blank during assessment | |
| mat_dis_5c | 5. Referral #3 – Client referrals at disenrollment | 0= Referral Not Needed - Assessment Indicates that Client Does Not Require Entering Formal Treatment 95= Referral Not Needed - Appropriate Mental Health Clinical Services Already in Place 96= Referral Not Needed - Appropriate Substance Abuse Clinical Services Already in Place 97= Referral Not made - Client Dropped Out 98= Referral Attempted - Not Wanted by Client 1= Self, Family, Non-medical Professional 2= BMC Central Intake/Room 5 3= ATS/Detox 4= Transitional Support Services/TSS 5= Clinical Stabilization Services/CSS-CMID 6= Residential Treatment 7= Outpatient SA Counseling 8= Medication Assisted Treatment 9= Drunk Driving Program 10= Acupuncture 11= Gambling Program 14= Sober House 16= New Recovery Support Center 17= Second Offender Aftercare 18= Family Intervention Programs | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|----------------------|--|--------|
| | | 19= Other Substance Abuse Treatment 20= Health Care Professional, Hospital 21= Emergency Room 22= HIV/AIDS Program 23= Needle Exchange Program 26= Mental Health Care Professional 30= School Personnel, School System/College 31= Recovery High School 40= Supervisor/employee Counselor 50= Shelter 51= Community or Religious Organization 59= Drug Court 64= Prerelease, Legal Aid, Police 68= Office of the Commissioner of Probation 69= Massachusetts Parole Board 70= Dept. of Youth Services 71= Dept. of Children and Families 72= Dept. of Mental Health 73= Dept. of Developmental Services 74= Dept. of Public Health 75= Dept. of Transitional Assistance 76= Dept. of Early Education and Care 77= Mass. Rehab. Commission 78= Mass. Commission for the Blind 79= Mass. Comm. For Deaf & Hard of Hearing 80= Other State Agency 81= Division of Medical Assistance/MassHealth 99= Unknown Note: if missing, question was left blank during assessment | |
| Mat_dis_6h | Housing | 0= Not Provided 1= Provided by Your Agency 2= Provided by Another Agency 3= Provided by Both Your Agency and Another Agency | num |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|--|--|--------|
| | | 88= Unknown Note: if missing, question was left blank during assessment | |
| Mat_dis_6n | English as a 2 nd language | 0= Not Provided 1= Provided by Your Agency 2= Provided by Another Agency 3= Provided by Both Your Agency and Another Agency 88= Unknown Note: if missing, question was left blank during assessment | num |
| Mat_dis_6q | Prenatal care | 0= Not Provided 1= Provided by Your Agency 2= Provided by Another Agency 3= Provided by Both Your Agency and Another Agency 88= Unknown Note: if missing, question was left blank during assessment | num |
| mat_dis_6r | Post-partum care | 0= Not Provided 1= Provided by Your Agency 2= Provided by Another Agency 3= Provided by Both Your Agency and Another Agency 88= Unknown Note: if missing, question was left blank during assessment | num |
| mat_dis_6s | Medication for withdrawal | 0= Not Provided 1= Provided by Your Agency 2= Provided by Another Agency 3= Provided by Both Your Agency and Another Agency 88= Unknown Note: if missing, question was left blank during assessment | num |
| mat_dis_7_1 | Currently receiving services from a state agency: Check all that apply None | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|---|---|--------|
| mat_dis_7_2 | Currently receiving services from a state agency: Check all that apply DCF: Dept Children and Families | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_3 | Currently receiving services from a state agency: Check all that apply DYS: Dept Youth Services | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_4 | Currently receiving services from a state agency: Check all that apply MPB: Parole | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_5 | Currently receiving services from a state agency: Check all that apply OCP: Probation | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_6 | Currently receiving services from a state agency: Check all that apply DMH: Dept Mental Hlth | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_7 | Currently receiving services from a state agency: Check all that apply DDS: Dept DevelopmentalSrvs | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_8 | Currently receiving services from a state agency: Check all that apply DPH: e.g. HIV, WIC not BSAS | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_9 | Currently receiving services from a state agency: Check all that apply DTA: food stamps, TANF | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_10 | Currently receiving services from a state agency: Check all that apply DMA: MassHealth | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|---------------|--|--|--------|
| mat_dis_7_11 | Currently receiving services from a state agency: Check all that apply MRC: Mass Rehab | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_12 | Currently receiving services from a state agency: Check all that apply MCB: Comm for the Blind | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_13 | Currently receiving services from a state agency: Check all that apply MCDHH: Comm Deaf & Hard of Hearing | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_14 | Currently receiving services from a state agency: Check all that apply Other | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_88 | Currently receiving services from a state agency: Check all that apply Unknown | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_7_99 | Currently receiving services from a state agency: Check all that apply Refused | 1= Yes 0= No 88= Unknown 99= Refused | num |
| mat_dis_8 | 8. Living arrangement at Disenrollment: | 1= House or apartment 2= Room/board or sober house 3= Institution 4= Group home/Treatment 5= Shelter/mission 6= On the streets 7= Foster Care 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|-----------------|--|---|--------|
| mat_dis_h1 | H1. Was the client homeless at Intake/Enrollment (whether or not chronic?) | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_dis_h2 | H2. Detailed living arrangement at Disenrollment (ONLY if [mat_dis_h1]='1') | 1= Emergency Shelter 2= Transitional Housing for Homeless 3= Permanent housing for formerly homeless 4= Psychiatric Hospital or Facility 5= Substance abuse/detox center 6= Hospital 7= Jail; Prison or Juvenile Facility 8= Don't know 9= Refused 10= Rental room/house/apartment 11= Apartment or House that you own. 12= Living With Family 13= Living With Friends 14= Hotel/Motel: no emergency shelter voucher 15= Foster care/group home 16= Place not meant for habitation 17= Other Note: if missing, question was left blank during assessment | num |
| Mat_dis_h3 | H3. Permanence of living situation at disenrollment (ONLY if [mat_dis_h1]='1') Note: there are values when this is NOT true | 1= Permanent 2= Transitional 99= Refused 88= Unknown Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_1 | 1.Does/Did client have a current prescription for opiate(s) upon leaving the DOC/HOC? | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|-------------------------|---|--|--------|
| | | Note: if missing, question was left blank during assessment | |
| Mat_dis_mtqas_2 | 2. Does/did the client have a current prescription for Benzodiazepine(s) upon leaving the program? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3a_screen | Urinalysis results received over the past 3 months not including client's initial urine screen Cocaine screens | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3a_pos | Cocaine positives (ONLY if [mat_dis_mtqas_3a_screen >0]) Note: there are values when this is NOT true | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3b_screen | Urinalysis results received over the past 3 months not including client's initial urine screen Opiates screens | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3b_pos | Opiates positives (ONLY if [mat_dis_mtqas_3b_screen >0]) Note: there are values when this is NOT true | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_3c_screen | Urinalysis results received over the past 3 months not including client's initial urine screen Methadone screens | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|-------------------------|---|---|--------|
| mat_dis_mtqas_3c_pos | Methadone positives (ONLY if [mat_dis_mtqas_3c_screen >0) Note: there are values when this is NOT true | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_3d_screen | Urinalysis results received over the past 3 months not including client's initial urine screen Benzodiazepines screens | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_3d_pos | Benzodiazepines positives (ONLY if [mat_dis_mtqas_3d_screen >0) Note: there are values when this is NOT true | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3e_screen | Urinalysis results received over the past 3 months not including client's initial urine screen Other drug screens | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| Mat_dis_mtqas_3e_pos | Other drug positives (ONLY if [mat_dis_mtqas_3d_screen >0) Note: there are values when this is NOT true | (unknown = 88; refused = 99) Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_4 | 4. Which medication-assisted treatment is the client currently using? | 1= Methadone 2= Buprenorphine 3= Naltrexone 88= Unknown Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_4a | 4a. By what route is this medication between administered? (ONLY if | 1= Oral 2= Injection 3= Patch 4= Implant | num |

BSAS MOUD Disenrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_DIS)

| Variable Name | Variable description | Meta Data | Format |
|------------------|---|--|--------|
| | [mat_dis_mtqas_4] = '2' or '1' Note: there are values when this is NOT true | 88= Unknown Note: if missing, question was left blank during assessment | |
| mat_dis_mtqas_5a | 5a. Client's last dose before disenrollment (mg)? (ONLY if [mat_dis_mtqas_4] = '2' or '1' Note: there are values when this is NOT true | 888= Unknown Note: if missing, question was left blank during assessment | num |
| mat_dis_mtqas_6 | 6. In what phase of treatment was the client? | 0= Assessment 1= Active treatment 2= Stabilization treatment 3= Medically supervised withdrawal 4= Medical maintenance 88= Unknown Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

BSAS MOUD Enrollment (PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|---------------------|----------------------|--|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | char |
| Match_level_hocmoud | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | num |
| Enroll_date | Enrollment date | <p>Date Proxy: Count of days between enrollment date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | date |
| enroll_month | Enrollment month | Months, 1-12 | num |
| enroll_year | Enrollment year | Years, YYYY format | num |
| enroll_age | Age at enrollment | Age in years | num |
| enroll_county | County | <p>1= Berkshire</p> <p>2= Bristol</p> <p>3= Essex</p> <p>4= Franklin</p> <p>5= Hampden</p> <p>6= Hampshire</p> <p>7= Middlesex</p> <p>8= Norfolk</p> <p>9= Suffolk</p> | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|--------------------|------------------------|---|--------|
| mat_enrol_a5 | Gender | 1= Male 2= Female 3= Transgender | num |
| Mat_enrol_a6 | Date of jail/HOC entry | Date Proxy: Count of days between entry date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred | date |
| mat_enrol_a6_month | Jail entry month | Months, 1-12 | num |
| mat_enrol_a6_year | Jail entry year | Years, YYYY format | num |
| mat_enrol_a6_age | Age at jail entry | Age in years | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|--------------|---|--|--------|
| mat_enrol_a7 | HOC facility where individual is currently detained: | 1= Essex - Middleton House of Correction (Main Institution) 2= Essex - Pre-release and Re-entry Center 3= Essex - Women in Transition 4= Franklin - Jail and House of Correction (Main Institution) 5= Hampden - All Inclusive Support Services (AISS) 6= Hampden - Correctional Center (Main Institution) 7= Hampden - Pre-Release Center 8= Hampden - Stonybrook Stabilization and Treatment Centers 9= Hampden - Western Massachusetts Recovery and Wellness Center 10= Hampden - Western Massachusetts Regional Women's Correctional Center 11= Hampshire - Jail and House of Correction (Main Institution) 12= Middlesex - Jail & House of Correction (Main Institution) 13= Norfolk - Jail and House of Correction 14= Suffolk - South Bay House of Correction (Main Institution) 15= Suffolk County - Nashua Street Jail 16= Bristol County House Of Correction and Jail | num |
| mat_enrol_3 | Is this assessment occurring in the client's pre-release period? (The pre-release period tor HOCs is 30 days before release. The pre-release period for DOCs is 90 days before release.) | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|--------------|---|---|--------|
| Mat_enrol_4 | What is the client's current adjudication status? | 1. Pre-trial 2. Sentenced 3. Safekeep 4. Regional lockup 88. Unknown 99. Refused | num |
| Mat_enrol_5 | Do you own or rent a house, apartment, or room? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_5a | Are you chronically homeless (HUD definition) (ONLY if [mat_enrol_5] = '0') *Please note, there are values even when this is not true | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_6 | Zip code of Last Permanent Address | 5-digit zip code 99999=Refused 88888 = Unknown Note: if missing, question was left blank during assessment | num |
| Mat_enrol_7 | Do you consider yourself to be transgender? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_7a | Please specify: (ONLY if [mat_enrol_7] = '1') | 1= Male to Female 2= Female to Male 3= Other 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|---------------|---|---|--------|
| Mat_enrol_8 | Do you consider yourself to be: | 1= Heterosexual 2= Gay/Lesbian 3= Bisexual 4= Other 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_9 | Number of days between entry into current DOC/HOC and enrollment on Medication Assisted Treatment | 88= Unknown 99= Refused | num |
| Mat_enrol_11b | Pregnant | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11c | Postpartum | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11d | Veteran/Any military service | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11e | Prison | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|---------------|---|--|--------|
| Mat_enrol_11f | Probation | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11g | Parole | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11h | Federal probation | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_11i | Federal parole | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_12 | Do you have children? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_13 | Are you the primary caregiver for any children? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|----------------|---|--|--------|
| Mat_enrol_14 | Number of days worked in the past 30? | 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_15 | Where do you usually live? (Where has client spent/slept most of the time over the last 12 months?) | 1= House or Apartment 2= Room/boardings or sober house 3= Institution 4= Group home/treatment 5= Shelter/mission 6= On the streets 7= Foster Care 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_16_1 | Who do you live with? (Check all that apply) Alone | 0=No 1=Yes | num |
| mat_enrol_16_2 | Who do you live with? (Check all that apply) Child under 6 | 0=No 1=Yes | num |
| mat_enrol_16_3 | Who do you live with? (Check all that apply) Child 6-18 | 0=No 1=Yes | num |
| mat_enrol_16_4 | Who do you live with? (Check all that apply) Child over 18 | 0=No 1=Yes | num |
| mat_enrol_16_5 | Who do you live with? (Check all that apply) Spouse/Equivalent | 0=No 1=Yes | num |
| mat_enrol_16_6 | Who do you live with? (Check all that apply) Parents | 0=No 1=Yes | num |
| mat_enrol_16_7 | Who do you live with? (Check all that apply) Other Relative | 0=No 1=Yes | num |
| mat_enrol_16_8 | Who do you live with? (Check all that apply) Roommate/Friend | 0=No 1=Yes | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|---|---|--------|
| mat_enrol_16_88 | Who do you live with? (Check all that apply) Unknown | 0=No 1=Yes | num |
| mat_enrol_16_99 | Who do you live with? (Check all that apply) Refused | 0=No 1=Yes | num |
| mat_enrol_17_1 | Use of mobility aid None | 0=No 1=Yes | num |
| mat_enrol_17_2 | Use of mobility aid Crutches | 0=No 1=Yes | num |
| mat_enrol_17_3 | Use of mobility aid Walker | 0=No 1=Yes | num |
| mat_enrol_17_4 | Use of mobility aid Manual Wheelchair | 0=No 1=Yes | num |
| mat_enrol_17_5 | Use of mobility aid Electric Wheelchair | 0=No 1=Yes | num |
| mat_enrol_17_88 | Use of mobility aid Unknown | 0=No 1=Yes | num |
| mat_enrol_17_99 | Use of mobility aid Refused | 0=No 1=Yes | num |
| Mat_enrol_18 | Vision impairment | 0= None: Normal Vision 1= Slight: vision can be or is corrected with glasses/lenses 2= Moderate: "Legally blind" but having some minimal vision 3= Severe: No usable vision 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|--------------|--------------------------|---|--------|
| Mat_enrol_19 | Hearing impairment | 0= None: Normal hearing requiring no correction 1= Slight: Hearing is or can be adequately corrected with amplification (eg hearing aid) 2= Moderate: Hard of hearing, even with amplification 3= Severe: Profound deafness 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_20 | SelfCare/ADL impairment | 0= None: No problem accomplishing ADL skills such as bathing, dressing and other self-care 1= Slight: Uses adaptive device(s) and/or takes additional time to accomplish ADL but does not require attendant 2= Moderate: Needs personal attendant up to 20 hours a week for ADL 3= Severe: Requires personal attendant for over 20 hours a week for ADL 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_21 | Developmental disability | 0= None 1= Slight developmental disability 2= Moderate developmental disability 3= Severe developmental disability 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|---------------|--|---|--------|
| Mat_enrol_22 | Prior mental health treatment | 0= No history 1= Counseling 2= One hospitalization 3= More than one hospitalization 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_23 | During the past 12 months, did you take any prescription medication that was prescribed to you to treat a mental or emotional condition? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_24a | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx. episode) Detox</i> | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_24b | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx. Residential)</i> | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|---------------|--|---|--------|
| Mat_enrol_24d | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx.)</i> Opioid | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_24e | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx.)</i> Drunk Driver | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_24f | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx.)</i> Section 35 | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|----------------|---|---|--------|
| Mat_enrol_24g | <i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx.)</i> Other | 0= 0 1= 1 2= 2 3= 3 4= 4 5= 5 or more 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_25_1 | Currently receiving services from a state agency (Check all that apply) None | 0=No 1=Yes | num |
| mat_enrol_25_2 | Currently receiving services from a state agency (Check all that apply) DCF children and families | 0=No 1=Yes | num |
| mat_enrol_25_3 | Currently receiving services from a state agency (Check all that apply) DYS youth services | 0=No 1=Yes | num |
| mat_enrol_25_4 | Currently receiving services from a state agency (Check all that apply) DMH client has a case mgr | 0=No 1=Yes | Num |
| mat_enrol_25_5 | Currently receiving services from a state agency (Check all that apply) DDS developmental disabilities | 0=No 1=Yes | Num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--|---------------|--------|
| mat_enrol_25_6 | Currently receiving services from a state agency (Check all that apply) DPH e.g. HIV/STD; not BSAS | 0=No 1=Yes | Num |
| mat_enrol_25_7 | Currently receiving services from a state agency (Check all that apply) DTA e.g. food stamps | 0=No 1=Yes | num |
| mat_enrol_25_8 | Currently receiving services from a state agency (Check all that apply) MRC Rehabilitation Commission | 0=No 1=Yes | Num |
| mat_enrol_25_9 | Currently receiving services from a state agency (Check all that apply) MCB services for the blind | 0=No 1=Yes | Num |
| mat_enrol_25_10 | Currently receiving services from a state agency (Check all that apply) MCDHH services for Deaf and Hard of Hearing | 0=No 1=Yes | Num |
| mat_enrol_25_11 | Currently receiving services from a state agency (Check all that apply) Other | 0=No 1=Yes | Num |
| mat_enrol_25_88 | Currently receiving services from a state agency (Check all that apply) Unknown | 0=No 1=Yes | Num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--|--|--------|
| mat_enrol_25_99 | Currently receiving services from a state agency (Check all that apply) Refused | 0=No 1=Yes | Num |
| Mat_enrol_26 | Number of arrests in past 30 days | 0-99 (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a1 | Section header: 27 history of substance use: have you ever used A. Alcohol | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a2 | B. Cocaine | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a3 | C. Crack | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a4 | D. Marijuana/ Hashish | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | Num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--|--|--------|
| Mat_enrol_27a5 | E. Heroin | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a6 | F. Prescribed Opiates Misuse/non-medical use of pharmaceutical opiates which were prescribed for the client. | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a7 | G. Non-prescribed Opiates Non-medical use of pharmaceutical opiates which were not prescribed for the client | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a8 | H. PCP | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a9 | I. Other hallucinogens | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a10 | J. Methamphetamine | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--------------------------------|--|--------|
| Mat_enrol_27a11 | K. Other Amphetamines | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a12 | L. Other Stimulants | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a13 | M. Benzodiazepines | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a14 | N. Other tranquilizers | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a15 | O. Barbiturates | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a16 | P. Other Sedatives / Hypnotics | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--|--|--------|
| Mat_enrol_27a17 | Q. Inhalants | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a18 | R. Over the counter | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a19 | S. Club Drugs | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a20 | U. Other | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a22 | V. Fentanyl | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27a21 | Z. K2/Spice or Other synthetic marijuana | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|----------------|--|--|--------|
| Mat_enrol_27e1 | History of substance use: route of admin code (ONLY if [mat_enrol_27a1] = 1) Alcohol *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e2 | History of substance use: route of admin code (ONLY if [mat_enrol_27a2] = 1) Cocaine | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e3 | History of substance use: route of admin code (ONLY if [mat_enrol_27a3] = 1) Crack | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e4 | History of substance use: route of admin code (ONLY if [mat_enrol_27a4] = 1) Marijuana / Hashish *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |

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| Variable | Variable Description | Meta Data | Format |
|----------------|--|--|--------|
| Mat_enrol_27e5 | History of substance use : route of admin code (ONLY if [mat_enrol_27a5] = 1) Heroin | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| Mat_enrol_27e6 | History of substance use: route of admin code (ONLY if [mat_enrol_27a6] = 1) Prescribed opiates | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| Mat_enrol_27e7 | History of substance use: route of admin code (ONLY if [mat_enrol_27a7] = 1) Non-prescribed opiates | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| Mat_enrol_27e8 | History of substance use: route of admin code (ONLY if [mat_enrol_27a8] = 1) PCP | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| Mat_enrol_27e9 | History of substance use: route of admin code (ONLY if [mat_enrol_27a9] = 1) Other hallucinogens | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|--|--|--------|
| Mat_enrol_27e10 | History of substance use: route of admin code (ONLY if [mat_enrol_27a10] = 1) Methamphetamine | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| Mat_enrol_27e11 | History of substance use: route of admin code (ONLY if [mat_enrol_27a11] = 1) Other Amphetamines | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e12 | History of substance use: route of admin code (ONLY if [mat_enrol_27a12] = 1) Other stimulants | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e14 | History of substance use: route of admin code (ONLY if [mat_enrol_27a14] = 1) Other tranquilizers | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| Mat_enrol_27e15 | History of substance use: route of admin code (ONLY if [mat_enrol_27a15] = 1) Barbiturates | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e16 | History of substance use: route of admin code (ONLY if [mat_enrol_27a16] = 1) Other Sedatives / Hypnotics | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e17 | History of substance use: route of admin code (ONLY if [mat_enrol_27a17] = 1) Inhalants | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| Mat_enrol_27e18 | History of substance use: route of admin code (ONLY if [mat_enrol_27a18] = 1) Over the Counter | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e19 | History of substance use: route of admin code (ONLY if [mat_enrol_27a19] = 1) Club drugs | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e20 | History of substance use: route of admin code (ONLY if [mat_enrol_27a20] = 1) Other | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| Mat_enrol_27e22 | History of substance use: route of admin code (ONLY if [mat_enrol_27a22] = 1) Fentanyl | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_27e21 | History of substance use: route of admin code (ONLY if [mat_enrol_27a21] = 1) K2/Spice or Other Synthetic Marijuana | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|---------------|-------------------------------------|--|--------|
| Mat_enrol_28a | Rank Substances – Primary substance | 1= A: Alcohol 2= B: Cocaine 3= C: Crack 4= D: Marijuana / Hashish 5= E: Heroin 6= F: Prescribed Opiates 7= G: Non-prescribed Opiates 8= H: PCP 9= I: Other Hallucinogens 10= J: Methamphetamine 11= K: Other Amphetamines 12= L: Other Stimulants 13= M: Benzodiazepines 14= N: Other Tranquillizers 15= O: Barbiturates 16= P: Other Sedatives / Hypnotics 17= Q: Inhalants 18= R: Over the Counter 19= S: Club Drugs 20= U: Other 22= V: Fentanyl 21= Z: K2/Spice or Other Synthetic Marijuana 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|---------------|---------------------------------------|--|--------|
| Mat_enrol_28b | Rank substances – secondary substance | 1= A: Alcohol 2= B: Cocaine 3= C: Crack 4= D: Marijuana / Hashish 5= E: Heroin 6= F: Prescribed Opiates 7= G: Non-prescribed Opiates 8= H: PCP 9= I: Other Hallucinogens 10= J: Methamphetamine 11= K: Other Amphetamines 12= L: Other Stimulants 13= M: Benzodiazepines 14= N: Other Tranquillizers 15= O: Barbiturates 16= P: Other Sedatives / Hypnotics 17= Q: Inhalants 18= R: Over the Counter 19= S: Club Drugs 20= U: Other 22= V: Fentanyl 21= Z: K2/Spice or Other Synthetic Marijuana 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|---------------|---|--|--------|
| Mat_enrol_28c | Rank substances – tertiary substance | 1= A: Alcohol 2= B: Cocaine 3= C: Crack 4= D: Marijuana / Hashish 5= E: Heroin 6= F: Prescribed Opiates 7= G: Non-prescribed Opiates 8= H: PCP 9= I: Other Hallucinogens 10= J: Methamphetamine 11= K: Other Amphetamines 12= L: Other Stimulants 13= M: Benzodiazepines 14= N: Other Tranquillizers 15= O: Barbiturates 16= P: Other Sedatives / Hypnotics 17= Q: Inhalants 18= R: Over the Counter 19= S: Club Drugs 20= U: Other 22= V: Fentanyl 21= Z: K2/Spice or Other Synthetic Marijuana 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_29 | Have you had any overdoses in your lifetime? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_29a | How many overdoses have you had in your lifetime? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_29b | How many overdoses have you had in the past year? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|------------------|---|--|--------|
| Mat_enrol_otp_1 | At the time of your entry into this DOC/HOC, were you receiving methadone treatment? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_1a | At the time of your entry into this DOC/HOC, were you receiving a prescription for buprenorphine or naltrexone? (ONLY if: [mat_enrol_otp_1] = '0' or [mat_enrol_otp_1] = '88' or [mat_enrol_otp_1] = '99') *Please note, there are values even when this is not true | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_1b | 1b. If yes, select the medication prescribed. (ONLY if: [mat_enrol_otp_1a] = 1') *Please note, there are values even when this is not true | 1= Buprenorphine (e.g. Suboxone) 2= Naltrexone (e.g. Vivitrol) 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_1c | 1c. By what route was this medication being administered? (ONLY if: [mat_enrol_otp_1a]=1' *Please note, there are values even when this is not true | 1= Oral 2= Injection 3= Patch 4= Implant 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|------------------|--|---|--------|
| mat_enrol_otp_1d | 1d. Is this prescription for alcohol use disorder, opioid use disorder, or both? (ONLY if: [mat_enrol_otp_1a] = '1') *Please note, there are values even when this is not true | 1= Alcohol use disorder 2= Opioid use disorder 3= Both 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_2 | Which medication are you receiving for your Opioid Use Disorder as a result of this enrollment? | 1= Methadone 2= Buprenorphine (e.g. Suboxone) 3= Naltrexone (Vivitrol) | num |
| mat_enrol_otp2a | 2a. By what route is this medication being administered (ONLY if: [mat_enrol_otp_2] = '2' or [mat_enrol_otp_2] = '3') *Please note, there are values even when this is not true | 1= Oral 2= Injection 3= Patch 4= Implant Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_3 | Is this medication being administered for maintenance or withdrawal management? | 1= Maintenance 2= Withdrawal Management (e.g. detoxification) 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_4 | Is the medication type or route of administration at this enrollment different from the type or route of administration at entry into this DOC/HOC? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

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| Variable | Variable Description | Meta Data | Format |
|------------------|---|---|--------|
| mat_enrol_otp_4a | If Yes, what was the primary reason why the medication type or route of administration was changed? (ONLY if: [mat_enrol_otp_4] = '1') | 1= Client voluntarily initiated change 2= Qualified addiction specialist initiated change 3= Prior Medication type/route at entry not offered at this facility 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| mat_enrol_otp_5 | Number of arrests in lifetime: | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_6 | Frequency of injected drug use in the past 12 months | 1= No Use 2= Less than once per month 3= 1-3 times per month 4= 1-2 times per week 5= 3-6 times per week 6= Daily 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_7 | In general, how would you describe your current health? | 1= Excellent 2= Very Good 3= Good 4= Fair 5= Poor 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|------------------|---|--|--------|
| Mat_enrol_otp_8 | During the past 12 months, how much difficulty did you have doing your daily activities, both inside and outside the home, due to physical or emotional problems? | 1= None 2= A little bit 3= Some 4= Quite a bit 5= Unable to do daily activities 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_9 | During the past 12 months, how many nights were you hospitalized for physical problems? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_10 | During the past 12 months, how many nights were you in a detox facility? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_11 | During the past 12 months, how many visits to an emergency room and/or urgent care facility did you make? | (Unknown = 888; Refused = 999) Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_15 | In the past 12 months, did you think about suicide? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_16 | In the past 12 months, did you attempt suicide? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS MOUD Enrollment Assessment
Analytic Data Dictionary
(PHDBSAS.HOCMOUD)

| Variable | Variable Description | Meta Data | Format |
|------------------|---|---|--------|
| Mat_enrol_otp_17 | How supportive would you say the people closest to you are of your seeking substance abuse treatment at this time? | 1= Not supportive or opposed 2= Not very supportive 3= Somewhat supportive 4= Very supportive 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| Mat_enrol_otp_18 | Would you say that none of the people, a few of the people, or most of the people you are close to are currently abusing drugs? | 1= None 2= One or a few 3= Most 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

**BSAS MOUD Periodic
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_Period)**

BSAS MOUD Periodic (PHDBSAS.HOCMOUD_Period)

| Variable | Variable Description | Meta Data | Format |
|---------------------------|---|--|--------|
| ID | Project Specific ID | 9-character alphanumeric ID | char |
| Match_level_hocmoudperiod | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | num |
| Period_county | County where the assessment was performed | <p>1= Berkshire 2= Bristol 3=Essex 4= Franklin 5= Hampden 6= Hampshire 7= Middlesex 8= Norfolk 9= Suffolk</p> | num |
| mat_period_1 | Date Collected | <p>Date Proxy: Count of days between assessment date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> <p>Note: if missing, the date collected was either not listed on assessment or was not possible</p> | date |
| mat_period_1_month | Date collected month | <p>Months, 1-12</p> <p>Note: if missing, the date collected was either not listed on assessment or was not possible</p> | num |
| mat_period_1_year | Date collected year | Years, YYYY format | num |

**BSAS MOUD Periodic
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_Period)**

| Variable | Variable Description | Meta Data | Format |
|------------------|--|--|--------|
| | | <p>Note: if missing, question was either left blank on assessment or date collected was not possible</p> <p>Note: if missing, the date collected was either not listed on assessment or was not possible</p> | |
| mat_period_1_age | Age at date collected | <p>Age in years</p> <p>Note: if missing, the date collected was either not listed on assessment or was not possible, or date of birth listed was not possible</p> | num |
| mat_period_2 | In general, how would you describe your current health? | <p>1= Excellent 2= Very Good 3= Good 4= Fair 5= Poor 88= Unknown 99= Refused</p> <p>Note: If missing, question was left blank during assessment</p> | num |
| mat_period_3 | During the past 3 months, how much difficulty did you have doing your daily activities, both inside and outside the home, due to physical or emotional problems? | <p>1= None 2= A little bit 3= Some 4= Quite a bit 5= Unable to do daily activities 88= Unknown 99= Refused</p> <p>Note: If missing, question was left blank during assessment</p> | num |
| mat_period_4 | During the past 3 months, how many nights were you hospitalized for physical problems? | <p>(888=Unknown; 999=Refused)</p> <p>Note: If missing, question was left blank during assessment</p> | num |
| mat_period_5 | How many overdoses have you had in the past three months? | <p>(888=Unknown; 999=Refused)</p> <p>Note: If missing, question was left blank during assessment</p> | num |

**BSAS MOUD Periodic
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_Period)**

| Variable | Variable Description | Meta Data | Format |
|---------------|---|---|--------|
| mat_period_6 | During the past 3 months, how many nights were you in a detox facility? | (888=Unknown; 999=Refused) Note: If missing, question was left blank during assessment | num |
| mat_period_7 | During the past 3 months, how many visits to an emergency room and/or urgent care facility did you make? | (888=Unknown; 999=Refused) Note: If missing, question was left blank during assessment | num |
| mat_period_9 | In the past 3 months, did you think about suicide? | 1= Yes 0= No 88= Unknown 99= Refused Note: If missing, question was left blank during assessment | num |
| mat_period_10 | In the past 3 months, did you attempt suicide? | 1= Yes 0= No 88= Unknown 99= Refused Note: If missing, question was left blank during assessment | num |
| mat_period_11 | In the past 3 months, how supportive would you say the people closest to you are of your seeking substance abuse treatment at this time? | 1= Not supportive or opposed 2= Not very supportive 3= Somewhat supportive 4= Very supportive 88= Unknown 99= Refused Note: If missing, question was left blank during assessment | num |
| mat_period_12 | In the past 3 months, would you say that none of the people, a few of the people, or most of the people you are close to are currently abusing drugs? | 1= None 2= One or a few 3= Most 88= Unknown 99= Refused Note: If missing, question was left blank during assessment | num |
| mat_period_13 | Does client have a current prescription for opiate(s)? | 1= Yes 0= No 88= Unknown | num |

**BSAS MOUD Periodic
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_Period)**

| Variable | Variable Description | Meta Data | Format |
|-----------------------|---|---|--------|
| mat_period_14 | Does the client have a current prescription for Benzodiazepine(s)? | 1= Yes 0= No 88= Unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15a_screen | Urinalysis Results Received Over the Past 3 Months. EXCLUDE the client's initial urine screen Cocaine screens | 88 = unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15a_pos | (ONLY if: [mat_period_15a_screen] <> 0) Cocaine positives | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15b_screen | Urinalysis Results Received Over the Past 3 Months. EXCLUDE the client's initial urine screen Opiates screens | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15b_pos | (ONLY if: [mat_period_15b_screen] <> 0) Opiates positives | 88=unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15c_screen | Urinalysis Results Received Over the Past 3 Months. EXCLUDE the client's initial urine screen Methadone screens | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15c_pos | (ONLY if: [mat_period_15c_screen] <> 0) Methadone positives | 88 = unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15d_screen | Urinalysis Results Received Over the Past 3 Months. EXCLUDE the client's initial urine screen Benzodiazepines screens | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15d_pos | (ONLY if: [mat_period_15d_screen] <> 0) Benzodiazepines positives | 88= unknown Note: If missing, question was left blank during assessment | num |

**BSAS MOUD Periodic
Analytic Data Dictionary
(PHDBSAS.HOCMOUD_Period)**

| Variable | Variable Description | Meta Data | Format |
|-----------------------|--|---|--------|
| mat_period_15e_screen | Urinalysis Results Received Over the Past 3 Months. EXCLUDE the client's initial urine screen Other drug screens | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_15e_pos | (ONLY if: [mat_period_15e_screen] <> 0) Other Drug positives | 88= unknown Note: If missing, question was left blank during assessment | num |
| mat_period_16 | Which medication-assisted treatment is the client currently using? | 1= Methadone 2= Buprenorphine 3= Naltrexone 88= Unknown | num |
| mat_period_16a | By what route is this medication being administered? (ONLY if: [mat_period_16] = '2' or [mat_period_16] = '3') | 1= Oral 2= Injection 3= Patch 4= Implant 88= Unknown Note: If missing, question was left blank during assessment | num |
| mat_period_17 | Has the client received a dose in the past 2 weeks? (ONLY if: [mat_period_16] = '2' or [mat_period_16] = '1') | 1= Yes 0= No 88= Unknown Note: If missing, question was left blank during assessment | num |
| mat_period_17a | What was the client's last dose? (mg): (ONLY if: [mat_period_16] = '2' or [mat_period_16] = '1') | Note: if missing, question was left blank during assessment | num |
| mat_period_18 | In what phase of treatment was the client? | 1= Active treatment 2= Stabilization treatment 3= Medically supervised withdrawal 4= Medical maintenance 88= Unknown Note: If missing, question was left blank during assessment | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

BSAS HOC DOC Surveillance (PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|----------------------|----------------------|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | char |
| Match_level_hocsurv | CHIA Match level | <p>1== These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | num |
| surveil_enroll_date | Enrollment date | <p>Date Proxy: Count of days between enrollment date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | num |
| surveil_enroll_month | Enrollment month | Months, 1-12 | num |
| surveil_enroll_year | Enrollment year | Years, YYYY format | num |
| surveil_enroll_age | Age at enrollment | <p>Age in years</p> <p>Note: missing indicates age that is not possible</p> | num |
| surveil_county | County | <p>1= Berkshire 2= Bristol 3= Essex 4= Franklin 5= Hampden 6= Hampshire 7= Middlesex 8= Norfolk 9= Suffolk</p> | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|----------------|--|--|--------|
| surveil_a_4_1 | How was individual identified for HOC-DOC Surveillance? Screened Positive for Opioid Use Disorder | 1= Yes 0= No | num |
| surveil_a_4_2 | How was individual identified for HOC-DOC Surveillance? Reported illicit use of Opioids in past 12 months | 1= Yes 0= No | num |
| surveil_a_4_3 | How was individual identified for HOC-DOC Surveillance? Clinical diagnosis of Opioid Use Disorder | 1= Yes 0= No | num |
| surveil_a_4_4 | How was individual identified for HOC-DOC Surveillance? Self-report of opioid use disorder | 1= Yes 0= No | num |
| surveil_a_4_5 | How was individual identified for HOC-DOC Surveillance? Other | 1= Yes 0= No | num |
| surveil_a_4_6 | How was individual identified for HOC-DOC Surveillance? Previously on MOUD [only if surveil_a_4_5 = 1] | 1= Yes 0= No Note: if missing, question was left blank on assessment | num |
| surveil_a_4_88 | How was individual identified for HOC-DOC Surveillance? Unknown | 1= Yes 0= No | num |
| surveil_a_5 | Gender | 1= Male 2= Female 3= Transgender | num |
| surveil_a_5a | If Transgender, specify: (ONLY if: [surveil_a_5] = '3') | 1= Male to Female 2= Female to Male 3= Other | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|-------------------|--|--|--------|
| | | 88= Unknown 99= Refused Note: if missing, question was left blank on assessment | |
| surveil_a_6 | Date of Jail/HOC entry | Date Proxy: Count of days between entry date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred | num |
| surveil_a_6_month | Jail entry month | Months, 1-12 | num |
| surveil_a_6_year | Jail entry year | Years, YYYY format | num |
| surveil_a_6_age | Age at jail entry | Age in years Note: if missing, calculated age was not possible | num |
| surveil_a_7a | HOC-DOC facility where individual is currently detained? | 1= Essex - Middleton House of Correction (Main Institution) 2= Essex - Pre-release and Re-entry Center 3= Essex - Women in Transition 4= Franklin - Jail and House of Correction (Main Institution) 5= Hampden - All Inclusive Support Services (AISS) 6= Hampden - Correctional Center (Main Institution) 7= Hampden - Pre-Release Center 8= Hampden - Stonybrook Stabilization and Treatment Centers 9= Hampden - Western Massachusetts Recovery and Wellness Center 10= Hampden - Western Massachusetts Regional Women's Correctional Center 11= Hampshire - Jail and House of Correction (Main Institution) 12= Middlesex - Jail & House of Correction (Main Institution) 13= Norfolk - Jail and House of Correction 14= Suffolk - South Bay House of Correction (Main Institution) 15= Suffolk County - Nashua Street Jail 16= Bristol County House of Correction and Jail | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|------------|--|--|--------|
| surveil_3 | What is the client's current adjudication status? | 1= Pre-adjudicated 2= Sentenced 3= Safekeep 4= Regional Lockup 5= Section 35 88= Unknown 99= Refused | num |
| surveil_3a | If sentenced, is this assessment occurring in the client's re- entry period? (The pre-release period tor HOCs is 30 days before release. The pre-release period for DOCs is 90 days before release.) (ONLY if: [surveil_3] = '2') *Please note, there are values even when this is not true | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_4 | Was the inmate offered Medication Assisted Treatment (MAT) at this DOC/HOC? EXAMPLES OF REASONS MAT NOT OFFERED: not on community MAT at intake; detained too short a period to start MAT; medical condition not appropriate for MAT induction/continuation; transfer expected to a facility where MAT is not available; etc. | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_4a | What is the primary reason why inmate was not offered MAT at this DOC/HOC? | 1= Not on community MAT at intake 2= Detained too short a period to start MAT 3= Medical condition not appropriate for MAT induction/continuation 4= Transfer expected to a facility where MAT is not available | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|------------|---|---|--------|
| | | 5= Other 6= MOUD not available upon jail entry 7= MOUD prescription not current 8= History of diversion 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | |
| surveil_4b | If inmate was offered MAT at this DOC/HOC, what is the primary reason why inmate did not accept it? (ONLY if: [surveil_4] = '1') *Please note, there are values even when this is not true | 1 = Preferred medication type not available 2 = Required to live in a segregated unit in DOC/HOC to get MAT and does not want to live there 3 = Required to receive group counseling in DOC/HOC to get MAT and does not want group counseling 4 = Does not want others to know about addiction 5 = Prefers to be detoxed in DOC/HOC 6 = Was on MAT before and it did not work for inmate 7 = Does not want to risk having to go through detox/withdrawal from MAT 8 = Does not want MAT because "it is replacing one addiction with another" 9 = Other reason 10 = Awaiting MOUD 11= Positive drug screen 12 = Reports sobriety 13= Denies having opioid use disorder 14= Removed from MOUD program 15= Detained too short 88 = Unknown 99 = Refused Note: if missing, question was left blank during assessment | num |
| surveil_5a | Was the client homeless at intake/enrollment (whether or not chronic)? | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|-------------|---|---|--------|
| | | Note: if missing, question was left blank during assessment | |
| surveil_5 | Do you own or rent a house, apartment, or room? (*ONLY if: [surveil_5a] = '0' or [surveil_5 a] = '88' or [surveil_5a] = '99') *Please note, there are values even when this is not true | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_6 | ZIP Code of Last Permanent Address: | 5-digit zip code 99999=Refused 88888 = unknown Note: if missing, question was left blank during assessment | char |
| surveil_8 | Do you consider yourself to be: | 1= Heterosexual 2= Gay/Lesbian 3= Bisexual 4= Other 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_9 | Number of days in current DOC/HOC | unknown = 8888; refused = 9999 | num |
| surveil_11b | Postpartum | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_11c | Pregnant | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|----------------|---|---|--------|
| | | Note: if missing, question was left blank during assessment | |
| surveil_11d | Veteran/Any Military Service | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_12 | Do you have children? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_13 | Are you the primary caregiver for any children? | 1= Yes 0= No 88= Unknown 99= Refused | num |
| surveil_14_new | Did you work in the 30 days prior to this incarceration? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_14 | OLD variable: Number of days worked in the past 30? | 88= Unknown 99=Refused 77= Value over 30 indicating an error Note: if missing, question was left blank during assessment | num |
| surveil_15 | Where do you usually live? (Where has client spent/slept most of the time over the last 12 months?) | 1= House or Apartment 2= Room/boardings or sober house 3= Institution 4= Group home/treatment 5= Shelter/mission 6= On the streets 7= Foster Care 88= Unknown 99= Refused | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|--------------|---|--|--------|
| | | Note: if missing, question was left blank during assessment | |
| surveil_19 | At the time of your entry into this DOC/HOC were you receiving Medication Assisted Treatment? | 1= Yes 0= No 88= Unknown 99= Refused | num |
| surveil_19a | Were you receiving Methadone Treatment? (ONLY if: [surveil_19] = '1') | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_19b | Were you receiving a prescription for Buprenorphine or Naltrexone? (ONLY if: [surveil_19a] = '0' or [surveil_19a] = '88' or [surveil_19a] = '99') | 1= Buprenorphine (e.g. Suboxone) 2= Naltrexone (e.g. Vivitrol) 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_19c | By what route is this medication being administered? | 1= Oral 2= Injection 3= Patch 4= Implant 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_19d | Was this Buprenorphine or Naltrexone prescription for alcohol use disorder, opioid use disorder, or both? | 1= Alcohol use Disorder 2= Opioid Use Disorder 3= Both 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a1 | History of Substance Use: Have you ever used: A. Alcohol | 1= Yes 0= No 88= Unknown | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|--------------|---|--|--------|
| | | 99= Refused Note: if missing, question was left blank during assessment | |
| surveil_20a2 | History of Substance Use: Have you ever used: (Select 'Cocaine' if it is not clear whether or not the client used crack or cocaine) B. Cocaine | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a3 | History of Substance Use: Have you ever used: (Select 'Cocaine' if it is not clear whether or not the client used crack or cocaine) C. Crack | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a4 | History of Substance Use: Have you ever used: D. Heroin | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a5 | History of Substance Use: Have you ever used: (Select 'Prescribed Opiates' if it is not clear whether or not the client used prescribed or non-prescribed opiates.) E. Prescribed Opiates (Misuse/non-medical use of pharmaceutical opiates which were prescribed FOR the client) | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a6 | History of Substance Use: Have you ever used: (Select 'Prescribed Opiates' if it is not clear whether or not the client used prescribed or non-prescribed opiates.) | 1= Yes 0= No 88= Unknown 99= Refused | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|---------------|--|--|--------|
| | F. Non-prescribed Opiates (Non-medical use of pharmaceutical opiates which were NOT prescribed for the client) | Note: if missing, question was left blank during assessment | |
| surveil_20a7 | History of Substance Use: Have you ever used: G. Methamphetamine | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a8 | History of Substance Use: Have you ever used: H. Benzodiazepines | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a10 | History of Substance Use: Have you ever used: J. Fentanyl | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a11 | History of Substance Use: Have you ever used: K. Cannabis | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_20a9 | History of Substance Use: Have you ever used: I. Other | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|---------------|---|--|--------|
| surveil_20a12 | History of Substance Use: Have you ever used: Hallucinogens (psychedelics, PCP, LSD, etc.) [only if surveil_20a9 = 1] | 1= Yes Note: missing indicates surveil_20a9 is not equal 1 | num |
| surveil_20a13 | History of Substance Use: Have you ever used: Other amphetamines (Adderall, etc.) [only if surveil_20a9 = 1] *Please note, there are values even when this is not true | 1= Yes Note: missing indicates surveil_20a9 is not equal 1 | num |
| surveil_20a14 | History of Substance Use: Have you ever used: Other stimulants (Club drugs, molly, ecstasy, MDMA, etc.) [only if surveil_20a9 = 1] | 1= Yes Note: missing indicates surveil_20a9 is not equal 1 | num |
| surveil_20a15 | History of Substance Use: Have you ever used: Unspecified opiates [only if surveil_20a9 = 1] | 1= Yes Note: missing indicates surveil_20a9 is not equal 1 | num |
| surveil_20a16 | History of Substance Use: Have you ever used: Synthetics (K2, spice, etc.) [only if surveil_20a9 = 1] | 1= Yes Note: missing indicates surveil_20a9 is not equal 1 | num |
| Surveil_20a17 | History of Substance Use: Have you ever used: Barbiturates [only if surveil_20a9 = 1] | 1=Yes Note: missing indicates surveil_20a9 is not equal to 1 | num |
| Surveil_20a18 | History of Substance Use: Have you ever used: Ketamine [only if surveil_20a9 = 1] | 1=Yes Note: missing indicates surveil_20a9 is not equal to 1 | num |
| Surveil_20a19 | History of Substance Use: Have you ever used: Inhalants [only if surveil_20a9 = 1] | 1=Yes Note: missing indicates surveil_20a9 is not equal to 1 | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|---------------|---|--|--------|
| Surveil_20a20 | History of Substance Use: Have you ever used: “Designer drugs” [only if surveil_20a9 = 1] | 1=Yes Note: missing indicates surveil_20a9 is not equal to 1 | num |
| surveil_20d1 | History of Substance Use: Route of Admin Code (*ONLY if: [surveil_20a1] = '1') Alcohol *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d2 | History of Substance Use: Route of Admin Code (Select 'Cocaine' if it is not clear whether or not the client used crack or cocaine) (ONLY if: [surveil_20a2] = '1') Cocaine *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d3 | History of Substance Use: Route of Admin Code (Select 'Cocaine' if it is not clear whether or not the client used crack or cocaine) (ONLY if: [surveil_20a3] = '1') Crack *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d4 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a4] = '1') Heroin *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|---------------|--|--|--------|
| surveil_20d5 | History of Substance Use: Route of Admin Code (Select 'Prescribed Opiates' if it is not clear whether or not the client used prescribed or non-prescribed opiates.) (ONLY if: [surveil_20a5] = '1') Prescribed opiates *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d6 | History of Substance Use: Route of Admin Code (Select 'Prescribed Opiates' if it is not clear whether or not the client used prescribed or non-prescribed opiates.) (ONLY if: [surveil_20a5] = '1') Non-Prescribed opiates *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d7 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a7] = '1') Methamphetamine *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d8 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a8] = '1') Benzodiazepines *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d10 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a10] = '1') Fentanyl | 1= Oral 2= Smoking 3= Inhalation 4= Injection | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
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| Variable | Variable Description | Metadata | Format |
|---------------|---|--|--------|
| | | 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | |
| surveil_20d11 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a11] = '1') Cannabis *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_20d9 | History of Substance Use: Route of Admin Code (ONLY if: [surveil_20a9] = '1') Other *Please note, there are values even when this is not true | 1= Oral 2= Smoking 3= Inhalation 4= Injection 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused | num |
| surveil_21a | Rank Substances - Primary Substance | 1= A. Alcohol 2= B. Cocaine 3= C. Crack 4= D. Heroin 5= E. Prescribed Opiates 6= F. Non-prescribed Opiates 7= G. Methamphetamine 8= H. Benzodiazepines 9= I. Other 10= J. Fentanyl 11= K. Cannabis 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_21b | Rank Substances - Secondary Substance | 1= A. Alcohol 2= B. Cocaine 3= C. Crack 4= D. Heroin 5= E. Prescribed Opiates 6= F. Non-prescribed Opiates 7= G. Methamphetamine 8= H. Benzodiazepines | num |

BSAS HOC DOC Surveillance
Analytic Data Dictionary
(PHDBSAS.HOCSURV)

| Variable | Variable Description | Metadata | Format |
|-------------|---|---|--------|
| | | 9= I. Other Note: if missing, question was left blank during assessment | |
| surveil_21c | Rank Substances - Tertiary Substance | 1= A. Alcohol 2= B. Cocaine 3= C. Crack 4= D. Heroin 5= E. Prescribed Opiates 6= F. Non-prescribed Opiates 7= G. Methamphetamine 8= H. Benzodiazepines 9= I. Other Note: if missing, question was left blank during assessment | num |
| surveil_22 | Have you had any overdoses in your lifetime? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_22a | How many overdoses have you had in your lifetime? (ONLY if: [surveil_22] = '1') *Please note, there are values even when this is not true | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment or surveil_22 is not equal to 1 | num |
| surveil_22b | How many overdoses have you had in the past year? (ONLY if: [surveil_22] = '1') | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment or surveil_22 is not equal to 1 | num |
| surveil_23 | Number of arrests in lifetime: | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| surveil_24 | Number of arrests in past 30 days: | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| surveil_25 | During the past 12 months, how many nights were you | (unknown = 888; refused = 999) | num |

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| Variable | Variable Description | Metadata | Format |
|----------------|---|--|--------|
| | hospitalized for physical problems? | Note: if missing, question was left blank during assessment | |
| surveil_26 | During the past 12 months, how many nights were you in a detox facility? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| surveil_27 | During the past 12 months, how many visits to an emergency room and/or urgent care facility did you make? | (unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| surveil_28 | During the past 12 months, how many nights did you stay overnight somewhere for treatment of problems with your emotions, nerves, or mental health? | (0-100; unknown = 888; refused = 999) Note: if missing, question was left blank during assessment | num |
| surveil_28_new | During the past 12 months, did you stay overnight somewhere for treatment of problems with your emotions, nerves, or mental health? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_29 | Would you say that none of the people, a few of the people, or most of the people you are close to are currently abusing drugs? | 1= None 2= One or a few 3= Most 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |
| surveil_30 | Re-entry plan includes medication-assisted treatment? | 1= Yes 0= No 88= Unknown 99= Refused Note: if missing, question was left blank during assessment | num |

POPULATION CENSUS

Analytic Data Dictionary

(PHDCENS)

Population Census Data (PHDCENS)

There are twelve. Population datasets in the PHD:

1. **POP_ACS_ZCTA**: Dataset downloaded from The Public Health Disparities Geocoding Project <https://www.hsph.harvard.edu/thegeocodingproject/>
2. **POP_TOWNTOTAL**: Total population by city/town 2011 to 2020
3. **POP_TOWN_11AGE**: Total Population by [11 age groups](#) by city/town 2011-2020
4. **POP_TOWN_19AGE**: Total Population by [19 age groups](#) by city/town 2011-2020
5. **FEMALE_TOWNCITY_18AGE_RACE**: 2019 Total Female Population by [18 age groups](#) and race/ethnicity by city/town
6. **POP_ACS_TOWN**: Data by city and town from the 2014-2018 American Community Survey 5-Year
7. **POP_ACS_COUNTY**: Dataset downloaded from The Public Health Disparities Geocoding Project <https://www.hsph.harvard.edu/thegeocodingproject/>
8. **POP_COUNTY_11AGE** – Total Population by [11 age groups](#) by county 2018-2020
9. **POP_STATETOTAL**: Statewide Total Population by gender and race/ethnicity 2011-2020
10. **POP_STATE_11AGE**: Statewide 2011-2020 Population [by 11 age groups](#), gender and race/ethnicity
11. **POP_STATE_19AGE**: Statewide 2011-2020 Population [by 19 age groups](#), gender and race/ethnicity
12. **WORKING_POP**: Estimated Massachusetts average annual counts of workers ages 18-64 years, Age Distribution within Sex Race/Ethnicity, Nativity, Education, Occupation, and Industry: ACS PUMS 5-Year file 2016-2020, Weighted counts

Sets 1 and 7 (**POP_ACS_ZCTA** and **POP_ACS_COUNTY**) use Datasets downloaded from The Public Health Disparities Geocoding Project <https://www.hsph.harvard.edu/thegeocodingproject/>

Based on U.S. Census Bureau, 2014-2018 American Community Survey 5-Year Estimates.

The Index of Concentration at the Extremes [12] measure captures the extent to which the population in a given area is concentrated at either extreme of a social metric and ranges from -1 (everyone in the worst category) to 1 (everyone in the best category). For our analyses, we set the extremes for this ICE as: (a) high-income White Non-Hispanic population, versus (b) low-income population of color (i.e. not white non-Hispanic) [12]. For analysis purposes, we defined categories of ABSMs using *a priori* cut-points for % below poverty (0-4.9%, 5-9.9%, 10-14.9%, 15-19.9%, and 20-100%) and quintile cut-points based on the distribution of ZCTA or city/town attributes in Massachusetts (weighted by population size).

Sets 2 through 4, 8-11 are based on Donahue Population files estimates created by Malena Hood. Dataset 5 is based on Donahue Population files created by Bureau of Family Health and Nutrition. Dataset 6 is based on Census ACS files created by the Bureau of Community Health and Prevention.

Population Estimates 2011-2019: Small Area Population Estimates 2011-2020, version 2018, Massachusetts Department of Public Health, Bureau of Environmental Health. Version 2018 years 2016-2019 apply updates from U.S. Census Bureau's County Population by Characteristics, vintage 2018; all previous years apply updates from U.S. Census Bureau's County Population by Characteristics, vintage 2017. Population estimates used for years following the decennial census

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were developed by the University of Massachusetts Donahue Institute (UMDI) in partnership with the Massachusetts Department of Public Health, Bureau of Environmental Health.

UMDI Interim 2020 Population Estimates by Age, Sex, Race, and Municipality, UMass Donahue Institute Population Estimates Program, March 1, 2022.

1. **POP_ACS_ZCTA** MA American Community Survey Population 2014-2018

| Variable Name | Variable Description | Format |
|---------------|---|--------|
| GEOID | 5-digit ZCTA | Char |
| POP_TOTAL | Total population count | Num |
| POP_WHITE | Total white population count | Num |
| POP_BLACK | Total black population count | Num |
| PERCBBLACK | Percent population that is Black | Num |
| PERCHISP | Percent population that is Hispanic | Num |
| PERCCOLOR | Percent population Non-White | Num |
| POP_AMIND | Total American Indian/Alaskan Native population count | Num |
| POP_API | Total Asian Pacific Islander population count | Num |
| POP_HISP | Total Hispanic population count | Num |
| POP_WNH | Total white non-Hispanic population count | Num |
| ICEWBINC | Index of Concentration at the Extremes for white, high income vs. black low income | Num |
| ICEWNHINC | Index of Concentration at the Extremes for white non-Hispanic high income vs. people of color low income | Num |
| POVERTY | % below poverty | Num |
| CROWDING | % crowded households | Num |
| YEAR | 2018 | Num |
| APINDPOV | Categorical poverty variable (0-4.9%, 5-9.9%, 10-19.9%, 20-100%) | Char |
| QINDPOV | Quintiles of poverty At ZCTA geography, weighted by population size | Char |
| QICEWNHINC | Quintiles of Index of Concentration at the Extremes for white non-Hispanic high income vs. people of color low income At ZCTA geography, weighted by population size | Char |
| QICEWBINC | Quintiles of Index of Concentration at the Extremes for white high income vs, black low income. At ZCTA geography, weighted by population size | Char |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

2. POP_TOWNTOTAL Total population by city/town 2011 to 2020

| Variable Name | Description | Format |
|---------------|----------------------------|--------|
| RESCODE | Code for city/town (1-351) | Num |
| COMMUNITY | Name of city/town | Char |
| P2011 | 2011 Total population | Num |
| P2012 | 2012 Total population | Num |
| P2013 | 2013 Total population | Num |
| P2014 | 2014 Total population | Num |
| P2015 | 2015 Total population | Num |
| P2016 | 2016 Total population | Num |
| P2017 | 2017 Total population | Num |
| P2018 | 2018 Total population | Num |
| P2019 | 2019 Total population | Num |
| P2020 | 2020 Total population | Num |

3. POP_TOWN_11AGE – Total Population by [11 age groups](#) by city/town 2011-2020

4. POP_TOWN_19AGE – Total Population by [19 age groups](#) by city/town 2011-2020

| Variable Name | Description | Format |
|---------------|---|--------|
| RESCODE | code for city/town (1-351) | Num |
| AGEGRP | Age Group11 19 ages | Num |
| COMMUNITY | Name of city/town | Char |
| P2011 | 2011 Total population | Num |
| P2012 | 2012 Total population | Num |
| P2013 | 2013 Total population | Num |
| P2014 | 2014 Total population | Num |
| P2015 | 2015 Total population | Num |
| P2016 | 2016 Total population | Num |
| P2017 | 2017 Total population | Num |
| P2018 | 2018 Total population | Num |
| P2019 | 2019 Total population | Num |
| P2020 | 2020 Total population | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

5. **Female_towncity_18age_race** 2019 Total Female Population by 18 age groups and race/ethnicity by city/town

| Variable Name | Description | Format |
|----------------------------|--|--------|
| RESCODE | code for city/town (1-351) | Num |
| AGEGRP | Age Group18 ages | Num |
| AMERICANINDIAN_NOTHISPANIC | Total Female American Indian Non-Hispanic Population | Num |
| ASIANPI_NOTHISPANIC | Total Female Asian/Pacific Islander Non-Hispanic Pop | Num |
| BLACK_NOTHISPANIC | Total Female Black Non-Hispanic Population | Num |
| HISPANIC | Total Female Hispanic Population | Num |
| WHITE_NOTHISPANIC | Total Female White Non-Hispanic Population | Num |
| MULTIRACIAL | Total Female Multiracial Population | Num |

6. **POP_ACS_TOWN_CITY**

| Variable Name | Description | Format |
|--------------------------|--|--------|
| rescode | Code for city/town (1-351) | Num |
| Townname | Name of city/town | Char |
| POP1980 | 1980 Population | Num |
| POP1990 | 1990 Population | Num |
| POP2000 | 2000 Population | Num |
| POP2010 | 2010 Population | Num |
| POP2018 | 2018 Population (using BEH estimates) | Num |
| Area | Area in square miles | Num |
| Pop_ Density | Calculated: Area/2018 Population | Num |
| Rural | Rural towns are also classified into two categories of rurality. Towns in level one and level two <u>are both rural</u> . 1= Towns classified as rural level one meet fewer rural criteria than towns considered rural at level two. 2= Towns in level two are less densely populated and more remote and isolated from urban core areas. 0= Towns considered urban | Num |
| Percent_NonWhite | % population that is non-White (using BEH estimates) | Num |
| Percent_Male | % population that is male (using BEH estimates) | Num |
| Pecent_Ages65+ | % population ages 65 years and older (using BEH estimates) | Num |
| Old_age_dependency_ratio | Old-age dependency ratio is defined as the number of individuals aged 65 and over per 100 people of working age defined as those aged between 20 and 64. | Num |

POPULATION CENSUS
Analytic Data Dictionary
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| Variable Name | Description | Format |
|--------------------------------|--|--------|
| Median_age | Median age in years | Num |
| Percent_limited_English | % limited English Households | Num |
| Percent_renters | % renters | Num |
| Percent_owner_under35 | % owner-occupied housing units Under 35 years | Num |
| Percent_renter_2015orlater | % renter-occupied housing units-Moved in 2015 or later | Num |
| Percent_Foreign_Born | % foreign born | Num |
| Percent_25_bachelor | % of individuals 25 years or older who have a bachelor's degree or higher | Num |
| Percent_25_9thgrade | % of individuals 25 years or older who have a Less than 9th grade education | Num |
| Median_household_income | Median household income in the past 12 months (in 2018 inflation-adjusted dollars) | Num |
| Mean_household_income | Mean household income in the past 12 months (in 2018 inflation-adjusted dollars) | Num |
| Per_capita_income | Per capita income in the past 12 months (in 2018 inflation-adjusted dollars) | Num |
| mean_cash_public_assistance | Mean cash public assistance | Num |
| mean_family_income | Mean family income | Num |
| mean_retirement_income | Mean retirement income | Num |
| percent_with_retirement_income | % Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) Households with retirement income | Num |
| mean_ss | Mean Social Security income | Num |
| percent_income_with_ss | % Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) Households with Social Security | Num |
| mean_ssi | Mean Supplemental Security Income | Num |
| percent_with_ssi | % Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) Households with Supplemental Security Income | Num |
| median_earnings_female_workers | Median earnings female full-time, year-round workers | Num |
| median_earnings_male_workers | Median earnings for male full-time, year-round workers | Num |
| median_earnings_workers | Median earnings workers | Num |
| median_family_income | Median family income | Num |
| percent_cash_public_assistance | % Households with cash public assistance income. Public assistance includes cash and non-cash benefits (e.g. TANF, SNAP) to low-income families or individuals, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_foodstamp_snap | % Households with Food Stamp/SNAP benefits in the past 12 months, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |

POPULATION CENSUS
Analytic Data Dictionary
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| Variable Name | Description | Format |
|-------------------------------|---|--------|
| percent_less_than_10000 | % Households Less than \$10,000, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_10000_to_14999 | % Households with \$10,000 to \$14,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_15000_to_24999 | % Households with \$15,000 to \$24,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_25000_to_34999 | % Households with \$25,000 to \$34,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_35000_to_49999 | % Households with \$35,000 to \$49,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_50000_to_74999 | % Households with \$50,000 to \$74,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_75000_to_99999 | % Households with \$75,000 to \$99,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_100000_to_149999 | % Households with \$100,000 to \$149,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_150000_to_199999 | % Households with \$150,000 to \$199,999, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| percent_200000_or_more | % Households with \$200,000 or more, Income and Benefits (IN 2018 INFLATION-ADJUSTED DOLLARS) | Num |
| Percent_Below_Poverty | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level | Num |
| below_poverty_18plus | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_18 Years And Over | Num |
| below_poverty_18to64 | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_18 To 64 Years | Num |
| below_poverty_65plus | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_All People_65 Years And Over | Num |
| below_poverty_all_people | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_All People | Num |
| below_poverty_all_under18 | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_All People Under 18 Years | Num |
| below_poverty_children_5to17 | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Related Children Of The Householder 5 To 17 Years | Num |
| below_poverty_children_under5 | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Related Children Of The Householder Under 5 Years | Num |

POPULATION CENSUS
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| Variable Name | Description | Format |
|----------------------------------|--|--------|
| below_poverty_children_under_18 | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Related Children Of The Householder Under 18 Years | Num |
| below_poverty_female_householder | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Female Householder, No Husband Present | Num |
| below_poverty_female_withchildre | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Female Householder, No Husband Present_With Related Children Of The Householder Under 18 Years | Num |
| below_poverty_married_couple_chi | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Married Couple Families_With Related Children Of The Householder Under 18 Years | Num |
| below_poverty_married_couples | % Families And People Whose Income In The Past 12 Months Is Below The Poverty Level_Married Couple Families | Num |
| percent_workedathome | % worked at home, workers 16 years | Num |
| percent_carpooled_towork | % carpooled to work in car, truck, or van, workers 16 years | Num |
| percent_drovealone_towork | % drove alone to work in car, truck, or van, workers 16 years | Num |
| percent_publictransp_towork | % using public transportation (excluding taxicab) for work, workers 16 years | Num |
| percent_other_means_towork | % using other means of transportation to work, workers 16 years | Num |
| percent_walked_towork | % walked to work, workers 16 years | Num |
| Mean_travel_time_work | Mean travel time to work (minutes) for workers 16 years and over who did not work at home | Num |
| health_insurance | % with health insurance coverage, civilian noninstitutionalized population | Num |
| health_insurance_19to64 | % With health insurance coverage, civilian noninstitutionalized population 19 to 64 years_In labor force_Employed | Num |
| no_health_insurance | % No health insurance coverage, civilian noninstitutionalized population | Num |
| no_health_insurance_19to64 | % No health insurance coverage, civilian noninstitutionalized population 19 to 64 years_In labor force_Employed | Num |
| not_in_labor_force_insurance | % With health insurance coverage, civilian noninstitutionalized population 19 to 64 years_Not in labor force | Num |

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| Variable Name | Description | Format |
|----------------------------------|---|--------|
| not_in_labor_force_privateins | % With private health insurance, civilian noninstitutionalized population 19 to 64 years_Not in labor force | Num |
| not_in_labor_force_publicins | % With public health coverage , civilian noninstitutionalized population 19 to 64 years_Not in labor force | Num |
| not_in_laborforce_noinsurance | % No health insurance coverage, civilian noninstitutionalized population 19 to 64 years_Not in labor force_ | Num |
| private_health_insurance | % With private health insurance, civilian noninstitutionalized population | Num |
| private_healthinsurance_19to64 | % With private health insurance, civilian noninstitutionalized population 19 to 64 years employed, in labor force | Num |
| public_insurance | % With public health coverage, civilian noninstitutionalized population | Num |
| public_insurance_19to64 | % With public coverage, civilian noninstitutionalized population 19 to 64 years_In labor force_Employed_ | Num |
| under19_no_health_insurance | % No health insurance coverage, civilian noninstitutionalized population under 19 years | Num |
| unemployed_no_insurance | % No health insurance coverage, civilian noninstitutionalized population 19 to 64 years_In labor force_Unemployed_ | Num |
| unemployed_private_insurance | % With private health insurance , civilian noninstitutionalized population 19 to 64 years_In labor force_Unemployed | Num |
| unemployed_with_insurance | % With health insurance coverage , civilian noninstitutionalized population 19 to 64 years_in labor force_Unemployed | Num |
| unemployed_with_public_insurance | % With public coverage , civilian noninstitutionalized population 19 to 64 years In labor force_Unemployed | Num |
| industry_agriculture_fishing | % Agriculture, forestry, fishing and hunting, and mining, civilian employed population 16 years and over (industry) | Num |
| industry_arts_entertainment | % Arts, entertainment, and recreation, and accommodation and food services, civilian employed population 16 years and over (industry) | Num |
| industry_construction | % Construction, civilian employed population 16 years and over (industry) | Num |
| industry_educ_health_social | % Educational services, and health care and social assistance, civilian employed population 16 years and over (industry) | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|---------------------------------|---|--------|
| industry_finance_and_insurance | % Finance and insurance, and real estate and rental and leasing, civilian employed population 16 years and over (industry) | Num |
| industry_information | % Information, civilian employed population 16 years and over (industry) | Num |
| industry_manufacturing | % Manufacturing, civilian employed population 16 years and over (industry) | Num |
| industry_other | % Other services, except public administration, civilian employed population 16 years and over (industry) | Num |
| industry_professional | % Professional, scientific, and management, and administrative and waste management services, civilian employed population 16 years and over (industry) | Num |
| industry_publicadministration | % Public administration, civilian employed population 16 years and over (industry) | Num |
| industry_retailtrade | % Retail trade, civilian employed population 16 years and over (industry) | Num |
| industry_transportation | % Transportation and warehousing, and utilities, civilian employed population 16 years and over (industry) | Num |
| industry_wholesaletrade | % Wholesale trade, civilian employed population 16 years and over (industry) | Num |
| percent_16plus_unemployed | % unemployed, 16 years and over in civilian labor force | Num |
| percent_civilian_labor_force | % in civilian labor force , population 16 years and over | Num |
| percent_employed | % employed, population 16 years and over in civilian labor force | Num |
| percent_females_inlaborforce | % in labor force, females 16 years and over | Num |
| percent_inlabor_force | % in labor force, population 16 years and over | Num |
| percent_not_inlaborforce | % not in labor force, population 16 years and over | Num |
| percent_unemployed | % unemployed, population 16 years and over in civilian labor force | Num |
| percent_private_wage_and_salary | % private wage and salary workers, civilian labor force, 16 years and over (class of worker) | Num |
| percent_unpaid_family_workers | % self-employed in own not incorporated business workers and unpaid family workers, civilian labor force, 16 years and over (class of worker) | Num |
| percent_government_workers | % government workers, civilian labor force, 16 years and over (class of worker) | Num |
| percent_self_employed | % self-employed in own incorporated business workers, civilian labor force, 16 years and over (class of worker) | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|----------------------------------|---|--------|
| percent_occupation_construction | % Natural resources, construction, and maintenance, , civilian employed population 16 years and over | Num |
| percent_occupation_management | % Management, business, science, and arts occupations, civilian employed population 16 years and over | Num |
| percent_occupation_production_tr | % Production, transportation, and material moving occupations, civilian employed population 16 years and over | Num |
| percent_occupation_sales | % Sales and office occupations, civilian employed population 16 years and over | Num |
| percent_occupation_service | % Service occupations, civilian employed population 16 years and over | Num |

7. POP_ACS_COUNTY MA American Community Survey Population at County Level 2014-2018

| Variable Name | Description | Format |
|---------------|---|--------|
| COUNTY | Name of County | Char |
| GEOID | <u>3 digit FIPS code</u> Barnstable 001 Berkshire 003 Bristol 005 Dukes 007 Essex 009 Franklin 011 Hampden 013 Hampshire 015 Middlesex 017 Nantucket 019 Norfolk 021 Plymouth 023 Suffolk 025 Worcester 027 | Num |
| POP_TOTAL | Total population count | Num |
| POP_WHITE | Total white population count | Num |
| POP_BLACK | Total black population count | Num |
| POP_AMIND | Total American Indian/Alaskan Native population count | Num |
| POP_API | Total Asian Pacific Islander population count | Num |
| POP_HISP | Total Hispanic population count | Num |
| POP_WNH | Total white non-Hispanic population count | Num |
| PERCBLACK | Percent population that is Black | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|---------------|--|--------|
| PERCHISP | Percent population that is Hispanic | Num |
| PERCCOLOR | Percent population Non-White | Num |
| ICEWBINC | Index of Concentration at the Extremes for white, high income vs. black low income | Num |
| ICEWNHINC | Index of Concentration at the Extremes for white non-Hispanic high income vs. people of color low income | Num |
| POVERTY | % below poverty | Num |
| CROWDING | % crowded households (>1 person per room) | Num |
| YEAR | YYYY 2014-2018 | Num |
| APINDPOV | 0-4.9%, 5-9.9%, 10-19.9%, 20-100% | Num |
| QINDPOV | Quintiles of poverty (at geography, weighted by population size) | Char |

8. PHDCENS.POP_COUNTY_11AGE – Total Population by [11 age groups](#) by county 2018-2020

| Variable Name | Description | Format |
|---------------|-----------------------------|--------|
| COUNTY | County | Num |
| AGEGRP | Age Group11 | Num |
| P2018 | 2018 Total population | Num |
| P2019 | 2019 Total population | Num |
| P2020 | 2020 Total population | Num |

9. POP_STATETOTAL Statewide Total Population by gender and race/ethnicity 2011-2020

| Variable Name | Description | Format |
|---------------|----------------------------------|--------|
| FEMALE | Female Population | Num |
| HISP | Total Hispanic Population | Num |
| HISPF | Total Female Hispanic Population | Num |
| HISPM | Total Male Hispanic Population | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|---------------|--|--------|
| MALE | Male Population | Num |
| NHAI | Total American Indian Non-Hispanic Population | Num |
| NHAIF | Total Female American Indian Non-Hispanic Population | Num |
| NHAIM | Total Male American Indian Non-Hispanic Population | Num |
| NHAP | Total Asian/Pacific Islander Non-Hispanic Population | Num |
| NHAPF | Total Female Asian/Pacific Islander Non-Hispanic Pop | Num |
| NHAPM | Total Asian/Pacific Islander Non-Hispanic Population | Num |
| NHB | Total Black Non-Hispanic Population | Num |
| NHBF | Total Female Black Non-Hispanic Population | Num |
| NHBM | Total Male Black Non-Hispanic Population | Num |
| NHW | Total White Non-Hispanic Population | Num |
| NHWF | Total Female White Non-Hispanic Population | Num |
| NHWM | Total Male White Non-Hispanic Population | Num |
| TOTAL | TOTAL Population | Num |
| YEAR | Year (2011-2020) | Num |

10. POP_STATE_11AGE Statewide: 2011-2020 Population by [11 age groups](#), gender and race/ethnicity

11. POP_STATE_19AGE Statewide: 2011-2020 Population [by 19 age groups](#), gender and race/ethnicity

| Variable Name | Description | Format |
|---------------|---|--------|
| FEMALE | Female Population | Num |
| HISP | Total Hispanic Population | Num |
| HISPF | Total Female Hispanic Population | Num |
| HISPM | Total Male Hispanic Population | Num |
| MALE | Male Population | Num |
| NHAI | Total American Indian Non-Hispanic Population | Num |
| NHAIF | Total Female American Indian Non-Hispanic Population | Num |
| NHAIM | Total Male American Indian Non-Hispanic Population | Num |
| NHAP | Total Asian/Pacific Islander Non-Hispanic Population | Num |
| NHAPF | Total Female Asian/Pacific Islander Non-Hispanic Population | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|---------------|---|--------|
| NHAPM | Total Asian/Pacific Islander Non-Hispanic Population | Num |
| NHB | Total Black Non-Hispanic Population | Num |
| NHBF | Total Female Black Non-Hispanic Population | Num |
| NHBM | Total Male Black Non-Hispanic Population | Num |
| NHW | Total White Non-Hispanic Population | Num |
| NHWF | Total Female White Non-Hispanic Population | Num |
| NHWM | Total Male White Non-Hispanic Population | Num |
| TOTAL | TOTAL Population | Num |
| YEAR | Year (2011-2020) | Num |
| AGEGRP | Age group (1-11) or Age group 19 ages | Num |

11 Ages:

| | |
|----|-------|
| 1 | <1 |
| 2 | 1-4 |
| 3 | 5-14 |
| 4 | 15-24 |
| 5 | 25-34 |
| 6 | 35-44 |
| 7 | 45-54 |
| 8 | 55-64 |
| 9 | 65-74 |
| 10 | 75-84 |
| 11 | 85+ |

19 Ages:

| | |
|---|-------|
| 1 | <1 |
| 2 | 1-4 |
| 3 | 5-9 |
| 4 | 10-14 |
| 5 | 15-19 |
| 6 | 20-24 |

POPULATION CENSUS

Analytic Data Dictionary

(PHDCENS)

| | |
|----|-------|
| 7 | 25-29 |
| 8 | 30-34 |
| 9 | 35-39 |
| 10 | 40-44 |
| 11 | 45-49 |
| 12 | 50-54 |
| 13 | 55-59 |
| 14 | 60-64 |
| 15 | 65-69 |
| 16 | 70-74 |
| 17 | 75-79 |
| 18 | 80-84 |
| 19 | 85+ |

18 Ages:

| | |
|----|-------------------|
| 1 | Under 5 years |
| 2 | 5 to 9 years |
| 3 | 10 to 14 years |
| 4 | 15 to 19 years |
| 5 | 20 to 24 years |
| 6 | 25 to 29 years |
| 7 | 30 to 34 years |
| 8 | 35 to 39 years |
| 9 | 40 to 44 years |
| 10 | 45 to 49 years |
| 11 | 50 to 54 years |
| 12 | 55 to 59 years |
| 13 | 60 to 64 years |
| 14 | 65 to 69 years |
| 15 | 70 to 74 years |
| 16 | 75 to 79 years |
| 17 | 80 to 84 years |
| 18 | 85 years and over |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

[12. Population Census Data \(PHDCENS.Working POP\)](#) Estimated Massachusetts average annual counts of workers ages 18-64 years, Age Distribution within Sex Race/Ethnicity, Nativity, Education, Occupation, and Industry: ACS PUMS 5-Year file 2016-2020, Weighted counts.

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| Variable Name | Description | Format |
|-------------------------------|--|--------|
| Ageg | Age group distribution 1= 18-24 2= 25-34 3= 35-44 4= 45-54 5= 55-64 | Num |
| Female | Female Population | Num |
| Male | Male Population | Num |
| Total | Total Population | Num |
| Foreign_Born | Total Foreign-Born Population | Num |
| US_Born | Total US-Born Population | Num |
| AMER | Total American Indian Non-Hispanic Population | Num |
| ASIAN_NH | Total Asian/Pacific Islander Non-Hispanic Population | Num |
| BNH | Total Black Non-Hispanic Population | Num |
| Hispanic | Total Hispanic Population | Num |
| Multiple_races | Total Multiple races Non-Hispanic Population | Num |
| WNH | Total White Non-Hispanic Population | Num |
| Less_than_HS | Total Population with Less than a High School Education | Num |
| High_School_or_GED | Total Population with a High School or GED Education | Num |
| Some_College_plus | Total Population with a Some College/Assoc/Bach/Certificate Education | Num |
| Masters_or_Higher | Total Population with a Master's or Higher Education | Num |
| Occupation_Architecture | Total Population in Architecture and Engineering Occupations (SOC 17-0000) | Num |
| Occupation_Arts | Total Population in Arts, Design, Entertainment, Sports, and Media Occupations (SOC 27-0000) | Num |
| Occupation_Building | Total Population in Building and Grounds Cleaning and Maintenance Occupations (SOC f37-0000) | Num |
| Occupation_Business_Financial | Total Population in Business and Financial Operations Occupations (SOC 13-0000) | Num |
| Occupation_Community_Social | Total Population in Community and Social Services Occupations (SOC 21-0000) | Num |
| Occupation_Computer | Total Population in Computer and Mathematical Occupations (SOC 15-0000) | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| | | |
|---------------------------------|---|-----|
| Occupation_Construction | Total Population in Construction and Extraction Occupations (SOC 47-0000) | Num |
| Occupation_Education | Total Population in Education, Training, and Library Occupations (SOC 25-0000) | Num |
| Occupation_FFF | Total Population in Farming, Fishing, and Forestry Occupations (SOC 45-0000) | Num |
| Occupation_FoodPreparation | Total Population in Food Preparation and Serving Related Occupations (SOC 35-0000) | Num |
| Occupation_HeathcarePract | Total Population in Heathcare Practitioners and Technical Occupations (SOC 29-0000) | Num |
| Occupation_Heathcare_Support | Total Population in Heathcare Support Occupations (SOC 31-0000) | Num |
| Occupation_Installation | Total Population in Installation, Maintenance, and Repair Occupations (SOC 49-0000) | Num |
| Occupation_Legal | Total Population in Legal Occupations (SOC 23-0000) | Num |
| Occupation_Life_Physical_Social | Total Population in Life, Physical, and Social Science Occupations (SOC 19-0000) | Num |
| Occupation_Management | Total Population in Management Occupations (SOC 11-0000) | Num |
| Occupation_Office | Total Population in Office and Administrative Support Occupations (SOC 43-0000) | Num |
| Occupation_PersonalCare | Total Population in Personal Care and Service Occupations (SOC 39-0000) | Num |
| Occupation_Production | Total Population in Production Occupations (SOC 51-0000) | Num |
| Occupation_Protective_service | Total Population in Protective service (SOC 33-0000) | Num |
| Occupation_Sales | Total Population in Sales and Related Occupations (SOC 41-0000) | Num |
| Occupation_Transportation | Total Population in Transportation and Material Moving Occupations (SOC 53-0000) | Num |
| industry_agriculture_fishing, | Total Population in Agriculture, forestry, fishing and hunting, and mining industry | Num |
| industry_mining | Total Population in Mining, Quarry, Oil Gas Extraction industry | Num |
| industry_utilities | Total Population in Utilities industry | Num |
| industry_construction | Total Population in Construction industry | Num |
| industry_manufacturing | Total Population in Manufacturing industry | Num |
| industry_wholesaletrade | Total Population in Wholesale Trade industry | Num |

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

| | | |
|--------------------------------|---|-----|
| industry_retailtrade | Total Population in Retail Trade industry | Num |
| industry_transportation | Total Population in Transport and Warehousing industry | Num |
| industry_information | Total Population in Information industry | Num |
| industry_finance_and_insurance | Total Population in Finance and Insurance industry | Num |
| industry_realestate | Total Population in Real estate and rental and leasing industry | Num |
| industry_professional | Total Population in Professional, scientific,tech Services industry | Num |
| industry__management | Total Population in Management of Companies industry | Num |
| industry_admin | Total Population in Admin and Support & Waste Management and Remediation industry | Num |
| industry_educational | Total Population in Educational Services industry | Num |
| industry_Health_Care | Total Population in Health care and social assistance industry | Num |
| industry_arts | Total Population in Arts, entertainment, and recreation industry | Num |
| industry_accommodation | Total Population in Accommodation and food services industry | Num |
| industry_other | Total Population in Other Services (except public admin) industry | Num |
| industry_publicadministration | Total Population in Public Administration industry | Num |

County Drug Seizure Data Analytic Data Dictionary (PHDCENS.DRUG_SEIZURE)

County Drug Seizure Data (PHDCENS.DRUG_SEIZURE)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|--|--------|
| Drug | Drug name | 28 character variable | Char |
| Seizure_Date | Date of drug seizure | Numeric date of drug seizure, MMDDYY10. | Num |
| Quantity | Total count of drug quantity | Count 99=Unknown/Blanks | Num |
| Unit | Unit name | 2 character variable Dosage unit-DU Kilogram-KG (see appendix 1 below) | Char |
| County | County name where drug seizure occurred | 12 character variable | Char |
| Year | Year of drug seizure | YYYY | Num |
| Month | Month of drug seizure | MM | Num |
| Drugcat1 | Type of Drug Category | Numeric value 1=Sedative 2=Opioid 3=Stimulant 4=Anticonvulsants 5=Antidepressants (see appendix 2 below) | Num |

Appendix 1: Drug Category Classification

| Drug Category Numeric Value | Drug Category Character Value | Drugs Listed by Category |
|-----------------------------|-------------------------------|--|
| 1 | Sedative | Alprazolam, Benzodiazepine, Clonazepam, Diazepam, Lorazepam, Carisoprodol, Hydromorphone, Clonidine, Ketamine, GHB |
| 2 | Opioid | Buprenorphine, Carfentanil, Codeine, Fentanyl, Heroin, Heroin- Mexican Black Tar, Heroin- Mexican Brow, Hydrocodone, Hydromorphone, Methadone, Morphine, Oxycodone, Tramadol |

**County Drug Seizure Data
Analytic Data Dictionary
(PHDCENS. DRUG_SEIZURE)**

| Drug Category Numeric Value | Drug Category Character Value | Drugs Listed by Category |
|-----------------------------|-------------------------------|--|
| 3 | Stimulant | Cocaine, Amphetamine, Crack, Dextroamphetamine, Ice, Khat, 'Methamphetamine, Methylphenidate |
| 4 | Anticonvulsants | Gabapentin |
| 5 | Antidepressants | Sertraline, Citalopram, Trazodone |

Appendix 2: Unit

| Unit of Measurement | Explanation |
|---------------------|--|
| Dosage Unite (DU) | DU stands for Dosage Units, or any drug in its collected form (pill, powder, etc.). NEHIDTA do not convert, nor do they use formulas for converting DU to Kg. If a substance is seized and the evidence is weighed as opposed to counted, then the weight is reported. If the substance is counted, then they get a DU count. This is solely dependent on how the seizing agency handles and reports the seizure within their parent agency's protocols. |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

Death Records – (PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|----------------------------------|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_DEATH | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_DEATH | Age at time of death | <p>1-199 in years</p> <p>2XX= months 1-11 (i.e. 201 = 1 month)</p> <p>4XX=days 1-30 (i.e. 401 = 1 day)</p> <p>5XX = hours (i.e. 501=1 hour)</p> <p>6XX = minutes (i.e. 601=1 minute)</p> <p>999=Unknown</p> | Num |
| AGE_DEATH_UNITS | Units for age variable | <p>1=Minutes</p> <p>2=Hours</p> <p>3=Days</p> <p>4=Weeks</p> <p>5=Months</p> <p>6=Years</p> <p>9=Unknown Age</p> | Num |
| AUTOPSY | Was an autopsy performed? | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| CENSUS_IND_DEATH | Bureau of census industry code | 4 digit bureau of census industry code | Num |
| CENSUS_OCC_DEATH | Bureau of census occupation code | 4 digit bureau of census occupation code | Num |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|--|--|--------|
| CONTRIB_CAUSE1 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE10 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE11 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE12 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE13 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE14 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE15 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |

Registry of Vital Records and Statistics Mortality File

Analytic Data Dictionary

(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|----------------|--|--|--------|
| CONTRIB_CAUSE2 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE3 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE4 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE5 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE6 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE7 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| CONTRIB_CAUSE8 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|--|--------|
| CONTRIB_CAUSE9 | ICD codes for underlying and other mentionable causes of death | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| DOD | Date of death | Date Proxy – count of days between death date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| EDU_DEATH | Education level | 1 = HS or less 2 = 13+ years 9 = Unknown 10=Special Education | Num |
| FOREIGN_BORN_DEATH | Was decedent US or foreign born? | 0=US born 1=Foreign born 9=Unknown | Num |
| HOMELESS_DEATH | N/A | 0=No indication of homeless 1=Homeless based on address match only 2=Homeless based on OCME intake only 3=Homeless based on both address and OCME intake | Num |
| INC_CODE_DEATH | Text for city/town where death occurred | 1-351 = valid MA city/town 888=Known, but not MA 999 = missing/unknown/invalid | Num |
| MANNER | Manner of death | 1 = Natural 2 = Accident 3 = Homicide 4 = Suicide 5 = Could not be Determined 6 = Pending Investigation 7 = Other 8 = Therapeutic Complication 9=Unknown | Num |
| MARITAL_DEATH | Marital status at time of death | 1 = Single, Never married 2 = Married or separated 3 = Widowed 4 = Divorced 9 = Missing/Unknown | Num |
| MONTH_DEATH | Month of death | Months, 1-12 | Num |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|---|--------|
| MONTH_SEQ | When in the month did the death occur? | 1= Death occur beginning of month (days 1,2,3,4) 2= Death occur middle of month (days 13,14,15,16) 3= Death occur end of month (days 28,29,30,31) 4= Everything else | Num |
| NAICS_DEATH | North American Industry Classification System | 6 digit North American Industry code | Char |
| NAICS_YEAR_DEATH | Coding year for NAICS | 4 digit year | Num |
| OCME_8TERMS | Medical Examiner Narrative text search for 8 terms: fentanyl, opioid, opiate, overdose, od, heroin, syringe, and needle | 0=No 1=Yes Blanks= Not in OCME | Num |
| OCME_PREGNANT | Medical Examiner Past Medical History text search for: Pregnant, Pregnancy | 0=No 1=Yes Blanks= Not in OCME | Num |
| OCME_SA | Medical Examiner Past Medical History text search for: Opioid, Heroin, opiate, probable od, od, overdose, possible O/D, substance abuse, polysubstance abuse, drug use | 0=No Blanks= Not in OCME 1=Yes | Num |
| OCME_TOX | Medical Examiner toxicology collected | 0=No 1=Yes Blanks= Not in OCME | Num |
| OPIOID_DEATH | Opioid death based on ICD10 codes or literal search | 0=No 1=Yes | Num |
| PLACE_DEATH | Type of place where death occurred | 1=Hospital 2=Residence 3=Other 9=Unknown | Num |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------|---|---|--------|
| PREGNANT_DEATH | Pregnancy checkbox | 1=Not pregnant in last year 2= Pregnant at death 3=No, But within 42 days 4=No, But Within 43 days-1 yr 7=Not on certificate (for out-of-state records only) 8=NA 9=Unknown Blank= MF Record | Num |
| PREGNANCY | Combination of literal search and pregnancy checkbox- literal search for terms: Peripartum, Pregnancy, Pregnant, Ectopic, Chorioamnionitis, Amniotic, Intrauterine fetal demise, peripartum cardiomyopathy, uterine rupture, placental, postpartum, and eclampsia | 1= Yes, checkbox alone 2= Yes, literal search alone 3= Both 4= No 5= Unknown Blank= MF Record | Num |
| Pregnancy_Associated_death | Is this death pregnancy-associated? In Maternal Mortality Review Information Application (MMRIA)system | 1=Yes 0=No Blanks= Not in system yet (2016 and later) | Num |
| Pregnancy_Related_Death | Was death found to be pregnancy related after review by the Maternal Mortality and Morbidity Review Committee | 1=Yes 0=No 2=Possibly 3=Undetermined/injury 4=Unknown Blanks= not in MMRIA (2016 and later) | Num |
| RACE_DEATH | Race/ethnicity of the decedent | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = unknown | Num |
| RES_CODE_DEATH | Code for city/town of residence at time of death | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_DEATH | Resident zip code at time of death | 5 digit zip 99999=Unknown | Char |

Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|---|--|--------|
| SEX_DEATH | Sex | 1 = male 2 = female 9 = unknown | Num |
| SOC_DEATH | Standard Occupation code | XX-XXXX | Char |
| UNDERLYING_CAUSE_DEATH | ICD codes for underlying cause of death (coded to ICD-10) | ICD 10 code. Characters 1-3 = Indicate the category of the diagnosis Characters 4-6 = Indicate etiology, anatomic site, severity, or other clinical detail | Char |
| VETERAN_DEATH | Veteran's Status | 0=No 1=Yes 9=Unknown | Num |
| WEEKEND_DEATH | Did the death occur on a weekend? | 0=No 1=Yes 9=Missing day of death | Num |
| YEAR_DEATH | Year of death | Years, YYYY format (starts 2011) | Num |

* The following International Classification of Disease (ICD-10) codes for mortality were selected from the underlying cause of death field to identify poisonings/overdoses: X40-X44, X60-X64, X85, and Y10-Y14. All multiple cause of death fields were then used to identify an opioid-related overdose death: T40.0, T40.1, T40.2, T40.3, T40.4, and T40.6.

For those records with no ICD coding yet – then literal search for any of the following 45 opioid-related terms on the cause of death text fields on death certificates:

- | | |
|---------------|----------------|
| o OPIOID | o ULTRAM |
| o ACTIQ | o PERCOCET |
| o DOLOPHINE | o HYDROCODONE |
| o MPHINE | o OXYMPHONE |
| o DEMEROL | o HYDROMPHONE |
| o LEVPHANOL | o OPIUM |
| o LTAB | o METHADONE |
| o CODEINE | o OPIATE |
| o PENTAZOCINE | o FENTANYL |
| o HEROIN | o PROPOXYPHENE |
| o VICODIN | o ANPP |
| o OXYCODONE | o 47700 |
| o ENDOCET | o PIPERIDINE |
| o DARVON | o BUPRENPHINE |
| o SUBLIMAZE | o SUBOXONE |

Registry of Vital Records and Statistics Mortality File

Analytic Data Dictionary

(PHDDEATH.DEATH)

- | | |
|--------------|--------------|
| o SUBUTEX | o OXYCONTIN |
| o TRAMADOL | o TAPENTADOL |
| o FENTANIL | o HERION |
| o DARVOCET | o OPIOD |
| o DEXTRPHAN | o OPOID |
| o DILAUDID | o W-18 |
| o EDDP | o W18 |
| o MEPERIDINE | |

Family Homelessness – Executive Office of Housing and Livable Communities (DHCD)
Analytic Data Dictionary
PHDDHCD.DHCD

Family Homelessness – Executive Office of Housing and Livable Communities (PHDDHCD.DHCD)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|---|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_DHCD | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | num |
| CHRON_HEALTH_DHCD | Chronic health condition. | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| DESTINATION_DHCD | Identifies where a client will stay just after exiting a project | See code list below | Num |
| DEV_DISABILITY_DHCD | Developmental disability | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| DISABILITY_DHCD | Indicate whether or not clients have a disabling condition. | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| EXIT_AGE_DHCD | Age in years at exit from DHCD | Integer age in years | Num |
| EXIT_DATE_DHCD | The project exit date indicates a client has left the project. For residential projects this is the date of move out. | <p>Count of days between project exit date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> <p>(blank) = information is missing</p> | Num |
| EXIT_MONTH_DHCD | Month of exit from project | Months, 1-12 | Num |

Analytic Data Dictionary

PHDDHCD.DHCD

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|---|---|--------|
| | | (blank) = information is missing | |
| EXIT_YEAR_DHCD | Year of exit from project | Years, YYYY format (blank) = information is missing | Num |
| HOH_RELATION_DHCD | Identifies one person to whom all other household members can be linked to at the time they enter a project | 1=Self 2=Head of household's child 3=Head of household's spouse/partner 4=Head of household's other relation member 5=Other; non-relation member | Num |
| HOMELESS_COUNT_LAST3YRS | Number of times the client has been on the streets, in ES, or SH in the past three years including today. For persons entering HMIS Project Type: Street Outreach, Emergency Shelter, & Safe Haven | 1=One time 2=Two times 3=Three times 4=Four or more times 8=Client doesn't know 9=Client refused 99=Data not collected | Num |
| HOMELESS_MONTHS_LAST3YRS | Total number of months homeless on the street, in ES, or SH in the past three years. For persons entering HMIS Project Type: Street Outreach, Emergency Shelter, & Safe Haven | 1=One month (this time is first month) 2-12 13=More than 12 months 88=Client doesn't know 98=Client refused 99=Data not collected | Num |
| HOMELESS_START_DATE | The beginning of the continuous period of homelessness on the streets, in emergency shelters, in safe havens, or moving back and forth between those places. For persons entering HMIS Project Type: Street Outreach, Emergency Shelter, & Safe Haven | Count of days between first homeless date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred Please note: this data element was created by HUD in 2017. For clients entering prior to 2017 data are sporadic depending on if the record was updated after the data element was created. (blank) = information is missing | Num |
| HOMELESS_START_MONTH | The month of the beginning of the continuous period of homelessness on the streets, in emergency shelters, in safe havens, or moving back and forth between those places. | Months, 1-12. Please note: this data element was created by HUD in 2017. For clients entering prior to 2017 data are sporadic depending on if the record was updated after the data element was created. | Num |

Family Homelessness – Executive Office of Housing and Livable Communities (DHCD)

Analytic Data Dictionary

PHDDHCD.DHCD

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| | | (blank) = information is missing | |
| HOMELESS_START_YEAR | The year of the beginning of the continuous period of homelessness on the streets, in emergency shelters, in safe havens, or moving back and forth between those places. | Years, YYYY format Please note: this data element was created by HUD in 2017. For clients entering prior to 2017 data are sporadic depending on if the record was updated after the data element was created. (blank) = information is missing | Num |
| LENGTH_PRIOR_DHCD | Length of time the client was residing in their previous place of stay. For persons entering HMIS Project Type: Street Outreach, Emergency Shelter, & Safe Haven | 1=One night or less 2=Two to six nights 3=One week or more, but less than one month 4=One month or more, but less than 90 days 5=90 days or more, but less than one year 6=One year or longer 8=Client doesn't know 9=Client refused 99=Data not collected Please note: this data element was created by HUD in 2017. For clients entering prior to 2017 data are sporadic depending on if the record was updated after the data element was created. | Num |
| PHYS_DISABILITY_DHCD | Physical disability | 0=No 1=Yes 9=Unknown | Num |
| RACE_DHCD | Client's race/ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| RES_TYPE_DHCD | Type of Residence that most closely matches where the client was living prior to project start. For persons entering HMIS Project Type: Street Outreach, Emergency Shelter, & Safe Haven | See code list below Please note: this data element was created by HUD in 2017. For clients entering prior to 2017 data are sporadic depending on if the record was updated after the data element was created. | Num |

Family Homelessness – Executive Office of Housing and Livable Communities (DHCD)

Analytic Data Dictionary

PHDDHCD.DHCD

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|--|--------|
| SEX_DHCD | Client's sex | 1 = Male 2 = Female 9 = Unknown or nonbinary | Num |
| START_AGE_DHCD | Age in years at entry to DHCD | Integer age in years | Num |
| START_DATE_DHCD | The project start date indicates a client is now being assisted by the project | Count of days between project start date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred (blank) = information is missing | Num |
| START_MONTH_DHCD | The project start month | Months, 1-12 (blank) = information is missing | Num |
| START_YEAR_DHCD | The project start year | Years, YYYY format (blank) = information is missing | Num |
| VETERAN_DHCD | Indicates whether clients are veterans of the United States armed forces | 0=No 1=Yes 9=Unknown | Num |

| Value | Meaning | Res Type DHCD (X means it is a valid option for this variable) | Destination DHCD (X means it is a valid option for this variable) |
|-------|--|---|--|
| 1 | Emergency shelter, including hotel or motel paid for with emergency shelter voucher, or RHY-funded Host Home shelter | X | X |
| 2 | Transitional housing for homeless persons (including homeless youth) | X | X |
| 3 | Permanent housing (other than RRH) for formerly homeless persons | X | X |
| 4 | Psychiatric hospital or other psychiatric facility | X | X |
| 5 | Substance abuse treatment facility or detox center | X | X |
| 6 | Hospital or other residential non-psychiatric medical facility | X | X |
| 7 | Jail, prison, or juvenile detention facility | X | X |
| 8 | Client doesn't know | X | X |
| 9 | Client refused | X | X |
| 10 | Rental by client, no ongoing housing subsidy | X | X |
| 11 | Owned by client, no ongoing housing subsidy | X | X |
| 12 | Staying or living with family, temporary tenure (e.g. room, apartment, or house) | | X |

Family Homelessness – Executive Office of Housing and Livable Communities (DHCD)

Analytic Data Dictionary

PHDDHCD.DHCD

| Value | Meaning | <u>Res Type DHCD</u> (X means it is a valid option for this variable) | <u>Destination DHCD</u> (X means it is a valid option for this variable) |
|-------|---|--|---|
| 13 | Staying or living with friends, temporary tenure (e.g. room, apartment, or house) | | X |
| 14 | Hotel or motel paid for without emergency shelter voucher | X | X |
| 15 | Foster care home or foster care group home | X | X |
| 16 | Place not meant for habitation (e.g., a vehicle, an abandoned building, bus/train/subway station/airport or anywhere outside) | X | X |
| 17 | Other | | X |
| 18 | Safe Haven | X | X |
| 19 | Rental by client, with VASH housing subsidy | X | X |
| 20 | Rental by client, with other ongoing housing subsidy | X | X |
| 21 | Owned by client, with ongoing housing subsidy | X | X |
| 22 | Staying or living with family, permanent tenure | | X |
| 23 | Staying or living with friends, permanent tenure | | X |
| 24 | Deceased | | X |
| 25 | Long-term care facility or nursing home | X | X |
| 26 | Moved from one HOPWA funded project to HOPWA PH | | X |
| 27 | Moved from one HOPWA funded project to HOPWA TH | | X |
| 28 | Rental by client, with GPD TIP housing subsidy | X | X |
| 29 | Residential project or halfway house with no homeless criteria | X | X |
| 30 | No exit interview completed | | X |
| 31 | Rental by client, with RRH or equivalent subsidy | X | X |
| 32 | Host Home (non-crisis) | X | X |
| 33 | Rental by client, with HCV voucher (tenant or project based) | X | X |
| 34 | Rental by client in a public housing unit | X | X |
| 35 | Staying or living in a family member's room, apartment, or house | X | |
| 36 | Staying or living in a friend's room, apartment, or house | X | |
| 99 | Data not collected | X | X |

Department of Industrial Accidents – Worker’s Compensation
Analytic Data Dictionary
PHDDIA.DIA

Department of Industrial Accidents - Worker’s Compensation (PHDDIA.DIA)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|--|---|--------|
| ID | Project Specific ID | 9-character alphanumeric ID | Char |
| Match_level_DIA | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness.</p> | Num |
| ANSI_BODY1 | ANSI Body part affected (first listed) | See code list <u>999=missing</u> | Num |
| ANSI_BODY2 | ANSI Body part affected (2nd listed) | See code list <u>999=missing</u> | Num |
| ANSI_BODY3 | ANSI Body part affected (3rd listed) | See code list <u>999=missing</u> | Num |
| ANSI_BODY4 | ANSI Body part affected (4th listed) | See code list <u>999=missing</u> | Num |
| ANSI_BODY5 | ANSI Body part affected (5th listed) | See code list <u>999=missing</u> | Num |
| ANSI_BODY6 | ANSI Body part affected (6 th listed) | See code list <u>999=missing</u> | Num |
| ANSI_NATURE1 | 1st nature of injury on the first report of injury | See code list <u>999=missing</u> | Num |
| ANSI_NATURE2 | 2nd nature of injury on the first report of injury | See code list <u>999=missing</u> | Num |

Department of Industrial Accidents – Worker’s Compensation
Analytic Data Dictionary
PHDDIA.DIA

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|--|---|--------|
| ANSI_NATURE3 | 3rd nature of injury on the first report of injury | See code list 999=missing | Num |
| ANSI_NATURE4 | 4rd nature of injury on the first report of injury | See code list 999=missing | Num |
| ANSI_NATURE5 | 5th nature of injury on the first report of injury | See code list 999=missing | Num |
| ANSI_NATURE6 | 6th nature of injury on the first report of injury | See code list 999=missing | Num |
| BIRTH_YEAR_DIA | Injured worker’s birth year | YYYY 9999=missing/unknown | Num |
| BIRTH_MONTH_DIA | Worker’s birth month | 1-12 99=missing/unknown | Num |
| BLS_OCC_DIA | BLS Occupation code | XX-XXXX See BLS webpage 99-9999 = missing/unknown | Char |
| CENSUS_OCC_DIA | Census Occupation code | 4 digit code See webpage 9999=missing | Num |
| COMPANY_ZIP | Zip code of employer | 5 digit zip code 99999=missing/unknown | Char |
| DOD_DIA | Worker DOD | Date Proxy – count of days between death date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DOD_MONTH_DIA | Month of death | Months, 1-12 99=missing/unknown | Num |
| DOD_YEAR_DIA | Year of death | YYYY 9999=missing/unknown | Num |
| DOI_DIA | Date Worker injured | Date Proxy – count of days between injury date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DOI_MONTH_DIA | Month of injury | Months, 1-12 99=missing/unknown | Num |
| DOI_YEAR_DIA | Year of injury | YYYY 9999=missing/unknown | Num |

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

| Variable Name | Variable Description | Meta Data | Format |
|----------------|---|---|--------|
| INC_ZIP_DIA | Zip where the accident or injury occurred | 5 digit zip code 99999=missing/unknown | Char |
| INSURANCE_DIA | Insurer's/Payer's name | text field | Char |
| NAICS_DIA | NAICS Industry Code submitted by data reporters (e.g. insurers) through EDI | 6-digit code See code list 999999=missing/unknown | Num |
| RES_CODE_DIA | City/town of worker's residence | 1-351 999=missing/unknown | Num |
| RETURN_TO_OCC | Has employee returned to regular occupation? | 0=No 1=Yes 9=missing/unknown | Num |
| RETURN_TO_WORK | Has employee returned to work? | 0=No 1=Yes 9=missing/unknown | Num |
| SELF_INSURER | Self-insured employer? | 0=No 1=Yes 9=missing/unknown | Num |
| SEX_DIA | Worker's sex | 1 = male 2 = female 9 = missing/unknown | Num |
| WEEKLY_WAGE | Weekly average wage | \$XXXX.XX Blank=missing | Num |

| ANSI BODY1 - ANSI BODY6 | |
|---|---|
| 100=Head, UNS* | 320=Wrist(s) |
| 110=Brain | 330=Hand(s), Not Wrists or Fingers |
| 120=Ear(s), UNS* | 340=Finger(s) |
| 121=Ear(s), External | 398=Upper Extremities, Multiple |
| 124=Ear(s), Internal | 400=Trunk, UNS* |
| 130=Eye(s), UNS* | 410=Abdomen, Internal Organs, Inguinal Hernia |
| 140=Face, UNS* | 420=Back |
| 141=Jaw, Chin | 430=Chest, Ribs, Breastbone, Internal Organs |
| 144=Mouth and Throat (vocal chords, larynx) | 440=Hip(s)...Pelvis, Organs and Buttocks |
| 146=Nose | 450=Shoulder(s) |
| 148=Face, Multiple Parts | 498=Trunk, Multiple |
| 149=Face, NEC** | 500=Lower Extremities |
| 150=Scalp | 510=Leg(s), UNS* |
| 160=Skull | 513=Knee(s) |
| 198=Head Multiple | 515=Lower Leg(s) |
| 200=Neck & Cervical Vertebrae | 518=Leg(s), Multiple |
| 300=Upper Extremities, NEC** | 519=Leg(s), NEC** |
| 310=Arm(s), UNS* | 520=Ankle(s) |
| 311=Upper Arm | 530=Foot or Feet, Not Ankle |
| 313=Elbow(s) | 540=Toe(s) |
| 315=Forearm(s) | 598=Lower Extremities, Multiple |

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

| <u>ANSI BODY1 - ANSI BODY6</u> | |
|--------------------------------|--|
| 318=Arm(s), Multiple | 700=MULTIPLE PARTS. Applies when more than one major body part has been effected such as an arm and a leg |
| | 800= Body System, not specific |
| 319=Arm(s), NEC** | 999=NON-CLASSIFIABLE - Insufficient information to identify part of body effected. Includes damage to prosthetic devices |

| <u>ANSI NATURE1- ANSI NATURE6</u> | |
|--|---|
| 100=Amputation or Erucloation | 283=Asbestosis |
| 110=Asphyxia or Strangulation Etc. | 284=Byssinosis |
| 120=Burns (Heat) | 285=Siderosis |
| 130=Burns (Chemical) | 286=Silicosis |
| 140=Concussion | 287=Other Pneumoconioses |
| 150=Infective or Parasitic Disease, UNS* | 289=Pneumoconiosis and Tuberculosis |
| 151=Amebiasis | 290=Radiation Effects, UNS* |
| 152=Anthrax | 291=Non-Ionizing Radiation |
| 153=Brucellosis | 292=Microwaves |
| 154=Conjunctivitis and Ophthalmia | 293=Ionizing Radiation - X-Ray |
| 156=Tetanus | 294=Ionizing Radiation - Isotopes |
| 157=Tuberculosis | 295=Welder’s Flash |
| 159=Other Infective or Parasitic Diseases | 300=Scratches, Abrasions |
| 160=Contusion, Crushing, Bruise | 310=Sprains, Strains |
| 170=Cut, Laceration, Puncture | 320=Hemorrhoids |
| 180=Dermatitis, UNS* | 330=Hepatitis, Serum and Infective |
| 183=Primary Infections of the Skin | 400=Multiple Injuries |
| 184=Other Skin Conditions | 500=Effects of Changes in Atmospheric Pressure |
| 185=Dermatitis, Allergenic or Contact | 510=Cardiovascular and Other Conditions of the Circulatory System |
| 189=Skin Condition, NEC** | 520=Complications Peculiar to Medical Care |
| 190=Dislocation | 530=Eye, other Diseases of the Eye |
| 200=Electric Shock, Electrocution | 540=Mental Disorders |
| 210=Fracture | 550=Neoplasm Tumor, UNS* |
| 220=Effects of Exposure to Low Temperature | 551=Malignant |
| 230=Hearing Loss or Impairment | 552=Benign |
| 240=Effects of Environmental Heat | 560=Nervous System, Conditions of - NEC** |
| 250=Hernia, Rupture | 561=Diseases of the Central Nervous System |
| 260=Inflammation of Joints, Etc. | 562=Diseases of the Nerves and Peripheral Ganglia |
| 265=Carpal Tunnel Syndrome | 570=Respiratory Systems, Conditions of |
| 270=Poisoning, Systemic, UNS* | 571=Upper Respiratory |
| 271=Due to Toxic Materials other than Lead | 572=Asthma, Influenza, Pneumonia |

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

| ANSI NATURE1- ANSI NATURE6 | |
|--|--|
| 272=Diseases of the Blood and Blood Forming Organs | 580=Symptoms and Ill-defined Conditions |
| 273=Upper Respiratory Conditions | 900=No Illness |
| 274=Influenza, Pneumonia, Etc. | 900=No Injury |
| 275=Hepatitis, Toxic | 950=Damage to Prosthetic Devices |
| 276=Other Diseases of the Gastro-Intestinal Tract | 990=Occupational Disease, NEC** |
| 278=Effects of Lead | 991=Heart Condition ,Excludes Heart Attack |
| 279=Other Toxic Effects of One System Only | 995 =No Other Injury, NEC** |
| 280=Pneumoconiosis | 998 =Non-classifiable |
| 281=Aluminosis | 999 =Missing/unknown |
| 282=Anthracosis | |

Department of Industrial Accidents – Worker’s Compensation
Analytic Data Dictionary
PHDDIA.DIA

| |
|---|
| <u>NAICS Sector Codes</u> |
| 11 Agriculture, Forestry, Fishing and Hunting |
| 21 Mining, Quarrying, and Oil and Gas Extraction |
| 22 Utilities |
| 23 Construction |
| 31-33 Manufacturing |
| 42 Wholesale Trade |
| 44-45 Retail Trade |
| 48-49 Transportation and Warehousing |
| 51 Information |
| 52 Finance and Insurance |
| 53 Real Estate and Rental and Leasing |
| 54 Professional, Scientific, and Technical Services |
| 55 Management of Companies and Enterprises |
| 56 Administrative, Support, Waste Management, Remediation Svcs. |
| 61 Educational Services |
| 62 Health Care and Social Assistance |
| 71 Arts, Entertainment, and Recreation |
| 72 Accommodation and Food Services |
| 81 Other Services (except Public Administration) |
| 92 Public Administration |

| |
|---|
| <u>NAICS Subsector Codes</u> |
| 111 Crop Production |
| 112 Animal Production and Aquaculture |
| 113 Forestry and Logging |
| 114 Fishing, Hunting and Trapping |
| 115 Support Activities for Agriculture and Forestry |
| 211 Oil and Gas Extraction |
| 212 Mining (except Oil and Gas) |
| 213 Support Activities for Mining |
| 221 Utilities |
| 236 Construction of Buildings |
| 237 Heavy and Civil Engineering Construction |
| 238 Specialty Trade Contractors |
| 311 Food Manufacturing |
| 312 Beverage and Tobacco Product Manufacturing |
| 313 Textile Mills |
| 314 Textile Product Mills |
| 315 Apparel Manufacturing |
| 316 Leather and Allied Product Manufacturing |
| 321 Wood Product Manufacturing |
| 322 Paper Manufacturing |
| 323 Printing and Related Support Activities |

Department of Industrial Accidents – Worker’s Compensation
Analytic Data Dictionary
PHDDIA.DIA

| |
|---|
| NAICS Subsector Codes |
| 324 Petroleum and Coal Products Manufacturing |
| 325 Chemical Manufacturing |
| 326 Plastics and Rubber Products Manufacturing |
| 327 Nonmetallic Mineral Product Manufacturing |
| 331 Primary Metal Manufacturing |
| 332 Fabricated Metal Product Manufacturing |
| 333 Machinery Manufacturing |
| 334 Computer and Electronic Product Manufacturing |
| 335 Electrical Equipment, Appliance, and Component Manufacturing |
| 336 Transportation Equipment Manufacturing |
| 337 Furniture and Related Product Manufacturing |
| 339 Miscellaneous Manufacturing |
| 423 Merchant Wholesalers, Durable Goods |
| 424 Merchant Wholesalers, Nondurable Goods |
| 425 Wholesale Electronic Markets and Agents and Brokers |
| 441 Motor Vehicle and Parts Dealers |
| 442 Furniture and Home Furnishings Stores |
| 443 Electronics and Appliance Stores |
| 444 Building Material and Garden Equipment and Supplies Dealers |
| 445 Food and Beverage Stores |
| 446 Health and Personal Care Stores |
| 447 Gasoline Stations |
| 448 Clothing and Clothing Accessories Stores |
| 451 Sporting Goods, Hobby, Musical Instrument, and Book Stores |
| 452 General Merchandise Stores |
| 453 Miscellaneous Store Retailers |
| 454 Nonstory Retailers |
| 481 Air Transportation |
| 482 Rail Transportation |
| 483 Water Transportation |
| 484 Truck Transportation |
| 485 Transit and Ground Passenger Transportation |
| 486 Pipeline Transportation |
| 487 Scenic and Sightseeing Transportation |
| 488 Support Activities for Transportation |
| 491 Postal Service |
| 492 Couriers and Messengers |
| 493 Warehousing and Storage |
| 511 Publishing Industries (except Internet) |
| 512 Motion Picture and Sound Recording Industries |
| 515 Broadcasting (except Internet) |
| 517 Telecommunications |
| 518 Data Processing, Hosting, and Related Services |
| 519 Other Information Services |
| 521 Monetary Authorities-Central Bank |
| 522 Credit Intermediation and Related Activities |
| 523 Securities, Commodity Contracts, and Other Financial Investments and Related Activities |
| 524 Insurance Carriers and Related Activities |

Department of Industrial Accidents – Worker’s Compensation
Analytic Data Dictionary
PHDDIA.DIA

| |
|---|
| <u>NAICS Subsector Codes</u> |
| 525 Funds, Trusts, and Other Financial Vehicles |
| 531 Real Estate |
| 532 Rental and Leasing Services |
| 533 Lessors of Nonfinancial Intangible Assets (except Copyrighted Works) |
| 541 Professional, Scientific, and Technical Services |
| 551 Management of Companies and Enterprises |
| 561 Administrative and Support Services |
| 562 Waste Management and Remediation Services |
| 611 Educational Services |
| 621 Ambulatory Health Care Services |
| 622 Hospitals |
| 623 Nursing and Residential Care Facilities |
| 624 Social Assistance |
| 711 Performing Arts, Spectator Sports, and Related Industries |
| 712 Museums, Historical Sites, and Similar Institutions |
| 713 Amusement, Gambling, and Recreation Industries |
| 721 Accommodation |
| 722 Food Services and Drinking Places |
| 811 Repair and Maintenance |
| 812 Personal and Laundry Services |
| 813 Religious, Grantmaking, Civic, Professional, and Similar Organizations |
| 814 Private Households |
| 921 Executive, Legislative, and Other General Government Support |
| 922 Justice, Public Order, and Safety Activities |
| 923 Administration of Human Resource Programs |
| 924 Administration of Environmental Quality Programs |
| 925 Administration of Housing Programs, Urban Planning, and Community Development |
| 926 Administration of Economic Programs |
| 927 Space Research and Technology |
| 928 National Security and International Affairs |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

Department of Correction (PHDDOC.DOC)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_DOC | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | Num |
| ADMIT_RECENT_AGE_DOC | Age at admission for most recent admission for commitment | Age in years | Num |
| ADMIT_RECENT_MONTH_DOC | Admission month for most recent admission for commitment | Months, 1-12 | Num |
| ADMIT_RECENT_YEAR_DOC | Admission year for most recent admission for commitment | Years, YYYY format | Num |
| ADMIT_RECENT_DATE_DOC | Most recent admission date for commitment | Date proxy: Count of days between most recent admission date and a random date in the future | Num |
| ADMIT_INITIAL_DATE_DOC | Initial admission date for commitment | Date proxy: Count of days between initial admission date and a random date in the future | Num |
| ADMIT_INITIAL_MONTH_DOC | Admission month for initial admission for commitment | Months, 1-12 | Num |
| ADMIT_INITIAL_YEAR_DOC | Admission year for initial admission for commitment | Years, YYYY format | Num |
| ADMIT_INITIAL_AGE_DOC | Admission age for initial admission for commitment | Age in years | Num |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---|--|--------|
| CUSTODY_DOC | Custody includes all inmates who are incarcerated in a MA DOC facility. CFI stands for "county/federal/interstate" and includes inmates housed in correctional facilities outside of the MA DOC (i.e. MA HOCs, other state's correctional facilities, and federal bureau of prisons | 1= Custody 2= CFI (County, Federal, Interstate) | Num |
| GOV_OFFENSE_DOC | Reported offence of a criminally sentenced inmate that carries the longest max sentence. A criminally sentenced inmate has one governing offense. (Only applies to individuals who are criminally sentenced, i.e., inmate_type_doc = 2) | 1=Property 2=Drug 3=Person 4=Sex 5=Other (Offenses that are not clearly categorized into one of the offense categories of Person, Property, Sex or Drug. Other Offenses include obstruction of justice, habitual criminal, prostitution and some weapons possession crimes.) | Num |
| INMATE_TYPE_DOC | The status of an inmate admitted to prison | 1=Pretrial 2=Criminal 3=Civil | Num |
| INSTITUTION_DOC | | See code list | Num |
| PRERELEASE_MATRI | Participated in Medication Assisted Treatment Reentry Initiative (MATRI) during this incarceration | 0=No 1=Yes | Num |
| RACE_DOC | Self-reported. Inmates who report a Hispanic ethnicity are reported as Hispanic | 1 = White Non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| RELEASE_AGE_DOC | Age at release | Age in years | Num |
| RELEASE_CODE_DOC | Release code | See code list | Num |
| RELEASE_DATE_DOC | Release date | Proxy date: Count of days between release date and a random date in the future | Num |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| RELEASE_MONTH_DOC | Release month | Months, 1-12 | Num |
| RELEASE_TO_COMMUNITY | Indicator that release was to community | 0=No 1=Yes (Only applies to individuals who are criminally sentenced, i.e., inmate_type_doc = 2) | Num |
| RELEASE_YEAR_DOC | Release year | Years, YYYY format | Num |
| RELEASE_ZIP_DOC | Release zip code - self-reported | 5 digit zip code 99999=Unknown | Char |
| SECTION35_DOC | Was commitment the result of Section 35? | 0=No 1=Yes | Num |
| SECURITY_LEVEL | Security level designation of the releasing facility | 1=Pre-Release 2=Minimum 3=Medium 4=Maximum 5=ELMO (Massachusetts Probation Service's Electronic Monitoring Program) 6 = Stony Brook Stabilization and Treatment Center (Only applies to individuals who are criminally sentenced, i.e., inmate_type_doc = 2) | Num |
| SEX_DOC | Gender | 1=Male 2=Female | Num |
| SMI_DOC | Serious mental illness? | 0=No 1=Yes Blank=missing/unknown | Num |
| VIOLENT_CRIME | Reported offence of a criminally sentenced inmate that carries the longest max sentence. A criminally sentenced inmate as one governing offense. | 0=No (non-violent) 1=Yes (violent) (Only applies to individuals who are criminally sentenced, i.e., inmate_type_doc = 2) | Num |

Code Lists

| Institution DOC | |
|-----------------|------------------------------|
| 1 | Baystate Correctional Center |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

| <u>Institution DOC</u> | |
|------------------------|--|
| 2 | Boston Pre-Release Center |
| 3 | Bridgewater State Hospital |
| 4 | Brooke House |
| 5 | CFI County/Fed/Interstate (DOC) |
| 6 | Lemuel Shattuck Hospital Correctional Center |
| 7 | MA Alcohol & Subst Abuse Correctional Center |
| 8 | MA Treatment Center |
| 9 | MASAC at Plymouth |
| 10 | MCI Cedar Junction |
| 11 | MCI Concord |
| 12 | MCI Framingham |
| 13 | MCI Norfolk |
| 14 | MCI Plymouth |
| 15 | MCI Shirley |
| 16 | MCI Gardner |
| 17 | Northeastern Correctional Center |
| 18 | Old Colony Correctional Center |
| 19 | Pondville Correctional Center |
| 20 | South Middlesex Correctional Center |
| 21 | Souza-Baranowski Correctional Center |
| 22 | Spectrum Women Children Prg |

| <u>RELEASE CO DE DOC</u> | <u>RELEASE_DESCRIPTION</u> | <u>RELEASE_TO_C OMMUNITY</u> |
|------------------------------|--|----------------------------------|
| 131 | Transfer to House of Correction | |
| 132 | Transfer to Out of State | |
| 133 | NON-DOC Inmate to HOC/FED/PD/OTHER STATE | |
| 135 | Transfer to Federal Authority | |
| 136 | *Transfer to Other Authority | |
| 137 | HABEAS to Court - Sentenced | |
| 138 | HABEAS to Court - Did not Return | |
| 139 | HABEAS to Court - Ret'd with new Case # | |
| 141 | HABEAS to Court - Rec'd Forthwith Sent. | |
| 144 | Escape | |
| 145 | Death | |
| 146 | *HABED to Court - Escaped | |
| 150 | Court Release - Sent REVOKE/STAY/VACATED | YES |
| 151 | *Court Release - Sent VACATED | |
| 152 | *Court Release - Await Trial | |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

| <u>RELEASE_CO DE_DOC</u> | <u>RELEASE_DESCRIPTION</u> | <u>RELEASE_TO_C OMMUNITY</u> |
|------------------------------|---|----------------------------------|
| 153 | *Court Release - BAILED | |
| 154 | *Court Release - Sent STAYED | |
| 155 | *Released to PV Warrant | |
| 156 | *Released on Pers Recognizance | |
| 157 | Crime Lab Court Release/JP | YES |
| 158 | *Released from Out of State Detainer | |
| 159 | Release from Out of STATE/FED Detainer | |
| 160 | *Unconditional Discharge | |
| 161 | *Expiration of Sentence to Street | |
| 162 | *Voluntary Commitment Discharge | |
| 163 | *Alcohol Commitment Discharge | |
| 164 | *Release by Federal Authority | |
| 165 | *Release by Out of STATE/FED Authority | |
| 166 | Pardon/Commutation | |
| 167 | *Voluntary Release Own Request | |
| 168 | *Expiration - to DOC/HOC Sentence | |
| 169 | *Expiration to Warrant | |
| 170 | *Paroled - Need to research | |
| 171 | Bailed/Rel on Personal Recognizance | |
| 172 | Bailed/Rel on Personal Recog to Warrant | |
| 173 | *Bailed to PV Warrant | |
| 174 | *Bailed to a Police Department | |
| 175 | International Transfer | |
| 178 | Release - to Correct Error | |
| 179 | Release from MA Parole Detainer | YES |
| 180 | Parole to Street | YES |
| 181 | Parole to Out of State Sentence | |
| 182 | Parole to Federal Authority | |
| 183 | Parole to Immigration | |
| 185 | Revised Sentence Crime Lab/Hampden | YES |
| 186 | Revised Sentence Crime Lab/JP | YES |
| 187 | Parole to From & After HOC Sentence | |
| 188 | Parole to Warrant | |
| 189 | Parole to From & After DOC Sentence | |
| 190 | GCD/EXP/REL to Street | YES |
| 191 | GCD/EXP/REL to Out of State Sentence | |
| 192 | GCD/EXP/REL to Federal Authority | |
| 193 | GCD/EXP/REL to Immigration | |
| 196 | Crime Lab Court Release/Hampden | YES |

Department of Correction (DOC)
Analytic Data Dictionary
(PHDDOC.DOC)

| <u>RELEASE_CODE_DOC</u> | RELEASE_DESCRIPTION | RELEASE_TO_COMMUNITY |
|-------------------------|--|----------------------|
| 197 | GCD/EXP/REL to F&A/CC HOC Sentence | |
| 198 | GCD/EXP/REL to Warrant | |
| 199 | GCD/EXP/REL to From & After/CC at DOC | |
| 223 | *Expiration to Civil Commitment | |
| 229 | GCD/EXP/REL to Civil Commitment | |
| 230 | *GCD to CC at HOC | |
| 234 | Parole to Civil Commitment | |
| 235 | Release from Weekend Sentence | |
| 239 | *Release from Civil Comm. to a Warrant | |
| 240 | *Release from Civil Commitment | |
| 242 | Transfer to Other Authority | |
| 244 | Payment of Fine | YES |
| 245 | Payment of Fine to a Warrant | |
| 246 | Expiration of Fine | YES |
| 247 | Expiration of Fine to a Warrant | |
| 255 | Parole to Transitional Treatment Prog | YES |
| 261 | Crime Lab Court Release/Western | YES |
| 262 | Evidence Room Court Release/Braintree PD | |
| 291 | Mandatory Parole as RTS | |
| 292 | Medical Parole | |
| 325 | Elopement | |
| 392 | Mandatory Parole as RTS to Immigration (<i>added in 2020</i>) | |
| 398 | Mandatory Parole as RTS to Street (<i>added in 2020, replaces 291</i>) | |
| 437 | Video Conference/Other Court Order-Sent | |
| 450 | Video Conference/Other Court Order-Rel | |
| 506 | Medical Parole to Street (<i>added in 2020</i>) | |

Release Code Notes

| Release Code | Release Description | Notes |
|--------------|----------------------------------|--|
| 137 | HABEAS to Court - Sentenced | Physically appeared in court. Only applies to pre-trial or civil commitments. Sentenced to either HOC or DOC |
| 138 | HABEAS to Court – Did not return | Physically appeared in court. Only applies to pre-trial or civil commitments. DOC does not know where they went after court appearance |
| 144 | Escape | Only applies to inmate_type_doc = 2 |

Department of Correction (DOC)

Analytic Data Dictionary

(PHDDOC.DOC)

| Release Code | Release Description | Notes |
|--------------|---|---|
| 159 | Release from out of state/fed detainer | They are sent to another state or federal facility |
| 171 | Bailed/Rel on Personal Recognizance | Only applies to pre-trial |
| 187 | Parole to From & After HOC sentence | Judge is essentially paroling first sentence so that individual can begin new sentence |
| 189 | Parole to From & After DOC sentence | Judge is essentially paroling first sentence so that individual can begin new sentence |
| 240 | Release from civil commitment | Could go to different jail or could go to community |
| 262 | Evidence Room Court Release/Braintree PD | Applies to specific case where Braintree police officer mishandled evidence and inmates were commuted or released |
| 292 | Medical Parole | Before 2020, this could be considered <u>release_to_community</u> . With COVID, some came back if their condition improved. |
| 325 | Elopement | Only applies to pre-trial |
| 437 | Video conference/Other Court Order - Sent | only applies to pre-trial. Had a video call instead of being in court; sentenced |
| 450 | Video Conference/Other Court Order -Rel | Only applies to pre-trial; had a video call instead of being in court; released |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

Department of Mental Health (PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| MATCH_LEVEL_DMH | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| ADMIT_LEGAL_DMH | Admitting Legal Status | <p>1=Forensic Eval, 2=Forensic Treatment, 3=Civil 4= Other Blanks=Missing/Unknown</p> | Num |
| ADMIT_SOURCE_DMH | Referred from. AdmitSource is collected for Inpatient only, it is blank for outpatient or community | See table below | Num |
| AGE_DMH | Age at enrollment | Age in years 999= Missing | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|---|--|--------|
| AREA_DMH | DMH area client was assigned to for services Area Mnemonic | 1 = Metro Boston Area 2 = Central Massachusetts Area 3 = Metro Suburban Area 4 = Northeast Area 5 = Southeast Area 6 = Western Massachusetts Area Blanks=Missing/Unknown | Num |
| CITIZEN_DMH | Flag indicating clients US Citizenship | 0=No 1=Yes 9=Unknown/Missing | Num |
| DART_DMH | Yes/no flag for DART status. DMH Admissions Referral Tracking | 0=No 1=Yes | Num |
| DEP_MINORS_DMH | Number of Dependent Minors | | Num |
| DIAGNOSIS_DATE_DMH | Date of diagnosis | Date Proxy – Count of days between diagnosis date and a random date in the future NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DIAGNOSIS_YEAR_DMH | | Year of diagnosis | Num |
| DIAGNOSIS_MONTH_DMH | | Month of diagnosis (1-12) Blanks: missing | Num |
| DIAGNOSISTYPE_DMH | Primary Diagnosis Could be admit, interim or discharge diagnosis. | 1= Admit 2= Interim 3= Discharge Blanks=Missing/Unknown | Num |
| DISCHARGE_DISP_DMH | Discharge Disposition | See table below | Num |
| DISCHARGE_LEGAL_DMH | Description of Discharge Disposition | 1=Forensic Eval 2=Forensic Treatment 3= Civil Blanks=Missing/Unknown | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--------|
| DISENROLLED_DATE_DMH | Date Client was dis-enrolled | Date Proxy – Count of days between disenrollment date and a random date in the future NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DISENROLLED_YEAR_DMH | Year of disenrollment | YYYY Blanks=Missing | Num |
| DISENROLLED_MONTH_DMH | Month of disenrollment | Month (1-12) Blanks=Missing | Num |
| EDUCATION_DMH | Reported Level of Education | 1 = Not of School Age 2 = No Formal Education 3 = Less than High School 4 = High School Diploma / GED 5 = Some College/Post-Secondary 6 = Associate/Certificate 7 = College Degree or Higher 8 = Other Credentials 95 = Unknown 99 = Missing | Num |
| ELIGIBILITY_DMH | Status of Registration in DMH services | 0=No 1=Yes Blanks=Missing/Unknown | Num |
| EMPLOY_END_DMH | Date employment ended | Date Proxy – Count of days between employment end date and a random date in the future NOTE: The larger the date proxy, the more recently the event occurred | Num |
| EMPLOY_ENDYEAR_DMH | Year employment ended | YYYY Blanks=Missing | Num |
| EMPLOY_ENDMONTH_DM H | Month employment ended | Months (1-12) Blanks=Missing | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|--|--------|
| EMPLOYMENT_STATUS_DMH | <p>Employment Status. This was only collected for Clubhouse from 2011-2020. This is now collected for all from 2021 to 2022.</p> <p>Note: DMH stopped collecting employment statuses for Club House from 6/30/2022</p> | <p>1=Competitively Employed (Self-Sufficient)</p> <p>2=Competitively Employed - Eligible for Cash Benefits</p> <p>3 =Transitional Employment</p> <p>4 =Agency Sponsored Employment</p> <p>5 =Unemployed, but in the Labor Force (includes those that are unemployed now but history of emp)</p> <p>6 =Not in Labor Force, but Engaged in Work-Related Activity</p> <p>7 =Not in Labor Force and not Engaged in any Work-Related Activity</p> <p>8 =Chooses Not to Disclose</p> <p>9=Unknown</p> <p>10=Supported Employment</p> <p>11= Volunteer Only</p> <p>12= Self-Employed</p> <p>13= Retired</p> <p>14= Not in Labor Force</p> | Num |
| EMPLOY_START_DMH | Date employment started | <p>Date Proxy – Count of days between employment start date and a random date in the future</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| EMPLOY_STARTYEAR_DMH | Year employment ended | <p>YYYY</p> <p>Blanks=Missing</p> | Num |
| EMPLOY_STARTMONTH_DMH | Month employment ended | <p>Months (1-12)</p> <p>Blanks=Missing</p> | Num |
| ENROLLED_DATE_DMH | Date Client was enrolled | <p>Date Proxy – Count of days between enrollment date and a random date in the future</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| ENROLLMENT_YEAR_DMH | Year client was enrolled | <p>YYYY</p> <p>Blanks=Missing</p> | Num |
| ENROLLMENT_MONTH_DMH | Month client was enrolled | <p>Months (1-12)</p> <p>Blanks=Missing</p> | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| ETHNICITY_DMH | Ethnicity | | Num |
|---------------|-----------|--------------------|-----|
| | | 1=ALBANIAN | |
| | | 2=AMERICAN | |
| | | 3=ARMENIAN | |
| | | 4=BHUTANESE | |
| | | 5=BOSNIAN | |
| | | 6=BRAZILIAN | |
| | | 7=BURMESE | |
| | | 8=CAMBODIAN | |
| | | 9=CANADIAN | |
| | | 10=CAPE VERDEAN | |
| | | 11=CHINESE | |
| | | 12=COLOMBIAN | |
| | | 13=CONGOLESE | |
| | | 14=COSTA RICAN | |
| | | 15=DOMINICAN | |
| | | 16=ECUADORIAN | |
| | | 17=EGYPTIAN | |
| | | 18=ENGLISH | |
| | | 19=ERITREAN | |
| | | 20=ETHIOPIAN | |
| | | 21=FILIPINO | |
| | | 22=FINNISH | |
| | | 23=FRENCH | |
| | | 24=GERMAN | |
| | | 25=GREEK | |
| | | 26=GUATEMALAN | |
| | | 27=HAITIAN | |
| | | 28=HISPANIC, OTHER | |
| | | 29=HMONG | |
| | | 30=HONDURAN | |
| | | 31=INDIAN | |
| | | 32=IRANIAN | |
| | | 33=IRAQI | |
| | | 34=IRISH | |
| | | 35=ISRAELI | |
| | | 36=ITALIAN | |
| | | 37=JAPANESE | |
| | | 38=KOREAN | |
| | | 39=LAOTIAN | |
| | | 40=LEBANESE | |
| | | 41=MEXICAN | |
| | | 42=MOROCCAN | |
| | | 43=NICARAGUAN | |
| | | 44=NIGERIAN | |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|--|--------|
| | | 45=PAKISTANI 46=PANAMANIAN 47=PERUVIAN 48=POLISH 49=PORTUGUESE 50=PUERTO RICAN 51=RUSSIAN 52=SALVADORAN 53=SOMALI 54=THAI 55=TIBETAN 56=UKRAINIAN 57=VENEZUELAN 58=VIETNAMESE 59=WEST INDIAN/CARIBBEAN 60= BELGIUM 61=BRITISH 62=BULGARIAN 63=CUBAN 64=DUTCH 65=JEWISH 66=LITHUANIAN 67=ROMANIAN 68=SCOTTISH 69=SWEDISH 70=OTHER 71=TWO OR MORE 72=CHOOSES NOT TO SELF-IDENTIFY 73=REFUSED 99=UNKNOWN | |
| FACILITY_DMH | DMH facility that a client is enrolled to for inpatient or outpatient services. | 1= Acute Inpatient 2 = Inpatient 3 = Continuing Care Inpatient 4 = CYF Residential 5 = Outpatient 6 = Other 9 = Unknown | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|---|--------|
| HOMELESS_DMH | Flag indicating homeless | 0=No indication of homeless 1=Homeless based on: - Living Arrangement is: Homeless Shelter, Homeless, Lives in Street. - City/Town of residence contains the word Homeless | Num |
| IN_SCHOOL_DMH | Flag indicating clients' educational status | 0=No 1=Yes Blanks=Missing/Unknown | Num |
| INTERPRETER_DMH | Flag indicating whether a client requires a language interpreter | 0=No 1=Yes Blanks=Missing/Unknown | Num |
| HOURS_DMH | Number of hours client works per week | | Num |
| INTERIM_LEGAL_DMH | | 1= Forensic Eval, 2= Forensic Treatment, 3= Civil Blanks=Missing/Unknown | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| LANGUAGE_DMH | Client preferred language | 1=Albanian 2=American Sign Language 3=Amharic 4=Arabic 5=Armenian 6=Bengali 7=Bosnian 8=Bulgarian 9=Cambodian 10=Cantonese 11=Cape Verdean 12=Chinese 13=Creole 14=Croatian 15=Czech 16=Danish 17=Dutch 18=English 19=Estonian 20=Farsi/Iranian/Persian 21=Finnish 22=French 23=Fulani Fula 24=Gaelic 25=German 26=Greek 27=Gujarati 28=Haitian Creole 29=Hawaiian 30=Hebrew 31=Hindi 32=Hmong 33=Hungarian 34=Icelandic 35=Igbo 36=Indonesian 37=Italian 38=Japanese 39=Khmer/Cambodian 40=Korean 41=Lao 42=Latvian 43=Malaysian 44=Mandarin | Num |
|--------------|---------------------------|--|-----|
|--------------|---------------------------|--|-----|

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|----------------------|---|--------|
| | | 45=Mandingo\Mandinka 46=Marathi 47=Nepali 48=Norwegian 49=Other 50=Philippine 51=Polish 52=Portuguese 53=Punjabi\Panjabi 54=Romanian 55=Russian 56=Serbian-Croatian 57=Slovak 58=Slovenian 59=Somali 60=Spanish 61=Swahili 62=Swedish 63=Tagalog 64=Tagalog/Filipino 65=Taiwanese 66=Thai 67=Tibetan 68=Tigrigna 69=Toisanese 70=Turkish 71=Twi 72=Ukrainian 73=Urdish 74=Vietnamese 75=Wolof 76=Wu 77=Yiddish 78=Yoruba 99=Unknown | |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------------|--|--|--------|
| LIVING_ARRANGEMENT_CLIENT_DMH | Living Arrangement for client | 1= Lives Alone, No minor dependents 2= Assisted Living 3= C/A Community Based Residential Treatment 4= C/A Residential School 5= C/A Residential Treatment Facility 6= Foster Home 7= Group Living Environment Adults 8= Inpatient Facility 9= Jail/Correctional Facility 10= Lives with Minor Dependent(s) 11= Lives with Non-Relatives 12= Skilled Nursing Facility/Nurse Home (Non-Rehab) 13= Lives with Adult Relatives 14= Rest Home 15= Homeless Shelter 16= Lives on the Street 17= Temporary Living 18= Home 19= Hospice 20= Other Group Home 21= Other Shelter 99= Unknown | Num |
| LOS_DMH | Length of stay to date or as of dis-enrollment | | Num |
| MARITAL_DMH | Marital Status of Client | 1 = Unmarried 2 = Married 3 = Domestic Partner/Significant Partnership 4 = Legally separated 9 = Missing/Unknown | Num |
| PRIMARYDIAGNOSIS_DMH | Primary Diagnosis. Could be admit, interim or discharge diagnosis. | ICD-9 and ICD-10 codes | Char |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---------------------------------------|--|--------|
| RACE_DMH | Combined race/ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = unknown | Num |
| Rate_DMH | Hourly Rate clubhouse member receives | 99=Missing | Num |
| RES_CODE_DMH | City client resides in | 1-351 999= missing/unknown/invalid | Num |
| RES_ZIP_DMH | Zip code of the address of client | 5 digit zip 99999=Unknown | Char |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|---|--------|
| SERVICE_DMH | Type of DMH Service a Client is Receiving | 1= Adult Community Clinical Services (ACCS) 2= Acute Clinical Inpatient Services (Also for Adults) (ACIS) 3= Adult Case Management (ACM) 4=CYF Case Management 5=CYF Community 6=CYF Day Service 7=CYF Flex 8=CYF Residential 9=CYF Residential School 10=CYF Respite 11=CYF Service 12=Clubhouse 13=Emergency Service 14=Family Support 15=First Episode Psychosis 16=Group Living 17=Homeless Housing 18=Homeless Residential with Addiction Treatment 19=Homeless Service 20=Homeless Support with Addiction Treatment 21=MassHealth Case Management 22=Outpatient 23=PACT 24=PACT Forensic 25=Peer Service 26=Rental Assistance 27=Residential 28=Residential Supported 29=Respite 30=Transportation 31=Other 99=Unknown | Num |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|----------------------|---|--------|
| SERVICE_TYPE_DMH | Type of service | 1= Case Management Services 2= Community 3= Emergency 4= Inpatient 5= Outpatient 6= Residential 9= Unknown Blanks =Not available | Num |
| SEX_DMH | Gender of Client | 1 = male 2 = female 9 = unknown | Num |

Department of Mental Health (DMH)

Analytic Data Dictionary

(PHDDMH.DMH)

| SITE_DMH | DMH Site client was assigned to for services | 1=METRO BOSTON AREA SHARED 2=BAY COVE (historical) 3=METRO BOSTON CYF SITE 4=CAMBRIDGE/SOMERVILLE 5=FULLER 6=LINDEMANN,CAMBRIDGE,SOMERVILLE 7=MASS MENTAL 8=CENTRAL MASS AREA SHARED 9=CANTON 10=NORTH COUNTY 11=SOUTH COUNTY 12=WESTBOROUGH 13=WORCESTER 14=EAST SUBURBAN 15=SOUTH SUBURBAN 16=SOUTHWEST SUBURBAN 17=WEST SUBURBAN 18=ACTON 19=NORTHEAST AREA SHARED 20=NORTH SHORE 21=ESSEX NORTH 22=HAVERHILL/NEWBURYPORT 23=LOWELL 24=LYNN 25=METRO NORTH 26=NON-RESIDENT 27=SOUTHEASTERN MASS AREA SHARED 28=BROCKTON 29=FALL RIVER 30=CAPE COD & ISLANDS 31=NEW BEDFORD 32=PLYMOUTH 33= SNF WESTERN MASS 34=QUINCY 35=TAUNTON/ATTLEBORO 36=WESTERN MASS AREA SHARED 37=BERKSHIRE 38=FRANKLIN/NORTH QUABBIN 39=HAMPSHIRE 40=HOLYOKE/CHICOPEE 41=SPRINGFIELD 42=WESTFIELD | Num |
|----------|--|--|-----|
|----------|--|--|-----|

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|----------------------------------|---|--------|
| | | 43= SNF CENTRAL MASS 44= SNF METRO BOSTON 45= SNF NORTHEAST 46= SNF SOUTHEASTERN 99=Unknown | |
| VISIT_TYPE_DMH | Community, Inpatient, Outpatient | 1=Community 2=Inpatient 3=Outpatient Blanks=Missing/Unknown | Num |
| VETERAN_DMH | Veteran Status of Client | 0=No 1=Yes 9=Unknown | Num |
| VISIT_STATUS_DMH | Status of enrollment | 1= Inpatient Admission 2= ER Outpatient Reg Cancelled 3= Ref Outpatient Reg Cancelled 4= ER Outpatient Departure 5= Ref Outpatient Departure 6= Inpatient Discharge 7= Recurring Outpatient Reg Discharge 8= ER Outpatient Pre Reg 9= ER Outpatient Reg 10= Recurring Outpatient Reg 11= Referred Outpatient Reg 12= Recurring Outpatient Schedule 13= Referred Outpatient Schedule Blanks=Missing/Unknown | Num |

| | |
|---|---|
| | <u>Admit Source DMH</u> |
| 1 | A NEW BEGINNING |
| 2 | ACUTE MEDICAL FACILITY |
| 3 | ACUTE PSYCHIATRIC FACILITY |
| 4 | ADMIN D/C RETURN - SNF |
| 5 | ADMIN D/C RETURN-MED FACILITY |
| 6 | ADULT RESPITE |
| 7 | Against Medical Advice |
| 8 | AMESBURY |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| | |
|----|----------------------------------|
| | Admit Source DMH |
| 9 | ANCHORAGE HOUSE/RIVERSIDE SC |
| 10 | ANGEL HOUSE FAMILY RESI SVCS |
| 11 | ANNA JACQUES |
| 12 | ARBOUR |
| 13 | ARBOUR - FULLER |
| 14 | ARBOUR - HRI |
| 15 | ARBOUR HOSPITAL |
| 16 | ASSISTED LIVING |
| 17 | ATLANTICARE MEDICAL CENTER |
| 18 | ATTELBORO CENTER |
| 19 | Attleboro District Court |
| 20 | AWA |
| 21 | Ayer District Court |
| 22 | BALDPATE |
| 23 | BARBARA MCINNIS HOUSE |
| 24 | Barnstable District Court |
| 25 | BAY COVE MHC |
| 26 | BAY RIDGE |
| 27 | BAYSTATE MED CTR |
| 28 | BEACON HOUSE FOR WOMEN |
| 29 | BERKSHIRE MEDICAL CENTER |
| 30 | BERYL'S HOUSE |
| 31 | BEVERLY - BAY RIDGE |
| 32 | BEVERLY HOSPITAL |
| 33 | BIDMC - DEACONESS |
| 34 | BIDMC NORTH |
| 35 | BOSTON EMERGENCY SERVICE |
| 36 | BOSTON MEDICAL CTR INTAKE |
| 37 | Boston Municipal Court |
| 38 | Boston Municipal Ct-Dorchester |
| 39 | BOSTON REGIONAL MEDICAL CTR |
| 40 | BOURNEWOOD |
| 41 | BRANDON |
| 42 | BRIDGEWATER STATE HOSPITAL |
| 43 | Brockton District Court |
| 44 | BROCKTON HOSPITAL |
| 45 | BROCKTON MULTI SERVICE |
| 46 | Brookline District Court |
| 47 | CAMBR HLTH ALL @ MALDEN HOSP |
| 48 | Cambridge District Court |
| 49 | CAMBRIDGE HOSPITAL |
| 50 | CAPE COD HOSPITAL |
| 51 | CARITAS NORWOOD HOSPITAL |
| 52 | CARNEY HOSPITAL |
| 53 | CASE MANAGEMENT |
| 54 | CASPER HOUSE CAMBRIDGE |
| 55 | CATHOLIC CHARITIES DETOX |
| 60 | Chelsea District Court |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

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| | Admit Source DMH |
| 61 | Chicopee District Court |
| 62 | CHILD/ADOL COMM/SCHL SUPPORT |
| 63 | CHILD/ADOL INTENSIVE RESI TX |
| 64 | CHILD/ADOL RESPITE SERVICES |
| 65 | CHILDREN'S HOSPITAL |
| 66 | CLEAN SLATE INC |
| 67 | CLINIC REFERRED |
| 68 | CLINTON |
| 69 | Clinton District Court |
| 70 | CLTS GOING HOME W OUTPATIENTTX |
| 71 | COMM BASED ACUTE TX-ADOL |
| 72 | COMMUNITY HEALTH INITIATIVES |
| 73 | COMMUNITY RES/GROUP HOME |
| 74 | CONCORD ASSABET |
| 75 | Concord District Court |
| 76 | COOLEY DICKINSON |
| 77 | CORRECTIONAL FACILITY |
| 78 | CORRIGAN CRISIS UNIT |
| 79 | CORRIGAN MENTAL HEALTH CRISIS |
| 80 | CORRIGAN MHC |
| 81 | COURT/LAW |
| 82 | CRISIS STABILIZATION UNIT |
| 83 | DEACONESS WALTHAM |
| 84 | Dedham District Court |
| 85 | DEPARTMENT OF YOUTH SERVICES |
| 86 | DEPT OF CHILDREN & FAMILIES |
| 87 | DEPT OF SOCIAL SERVICES |
| 88 | DESIGNATED EMERGENCY PROGRAM |
| 89 | DISCHARGE/RETAIN CUSTODY |
| 90 | DMH FACILITY |
| 91 | DOMESTIC VIOL SAFE HOM W/ SA |
| 92 | Dorchester District Court |
| 93 | DRUNK DRIVING PROGRAM |
| 94 | Dudley District Court |
| 95 | East Brookfield District Court |
| 96 | Eastern Hampshire District Cou |
| 97 | Edgartown District Court |
| 98 | EDWINA MARTIN HOUSE |
| 99 | ELLIOT HOUSE |
| 100 | EMERGENCY ROOM |
| 101 | EMERSON HOSPITAL |
| 102 | EMERSON HOUSE FALMOUTH |
| 103 | ENTRE FAMILIA PROGRAM- FAMILY |
| 104 | F.I.R.S.T. RECOVERY HOME |
| 105 | FAITH HOUSE |
| 106 | Fall River District Court |
| 107 | Falmouth District Court |
| 108 | FALMOUTH HOSPITAL |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

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| | Admit Source DMH |
| 109 | FALMOUTH HOSPITAL |
| 110 | FAMILY INTERVENTION PROGRAM |
| 111 | FAMILY RESIDENTIAL SERVICES |
| 112 | FAULKNER HOSPITAL |
| 113 | Fitchburg District Court |
| 114 | Framingham District Court |
| 115 | FRANCISCAN |
| 116 | FRANKLIN MEDICAL CENTER |
| 117 | GANDARA RESI SVCS FOR WOMEN |
| 118 | Gardner District Court |
| 119 | GENESIS II FAMILY CTR |
| 120 | GERMAINE LAWRENCE |
| 121 | GIANNA'S HOUSE |
| 122 | Gloucester District Court |
| 123 | GOOD SAMARITAN MEDICAL CTR |
| 124 | GRACE HOUSE FAMILY RESI SVCS |
| 125 | GRANADA HOUSE |
| 126 | Greenfield District Court |
| 127 | GROUP HOME |
| 128 | GROW PROGRAM |
| 129 | HABIT MANAGEMENT |
| 130 | HARBINGER HOUSE/HALE HOUSE |
| 131 | HARRINGTON MEMORIAL |
| 132 | HART HOUSE FAMILY RESI SVCS |
| 133 | HARWOOD SOBER HOUSE |
| 134 | HATHORNE UNIT/TEWKSBURY |
| 135 | Haverhill District Court |
| 136 | HEALING HILLS VILLAGE |
| 137 | HEALTH ALLIANCE |
| 138 | HELLO HOUSE-DORCHESTER |
| 139 | HENRY HEYWOOD |
| 140 | HIGH PONT TREATMENT CTR TSS |
| 141 | HIGHPOINT TSS |
| 142 | Hingham District Court |
| 143 | HIV/AIDS PROGRAM |
| 144 | HMO REFERRAL |
| 145 | HOLY FAMILY |
| 146 | Holyoke District Court |
| 147 | HOLYOKE HOSPITAL |
| 148 | HOME |
| 149 | HOMELESS OUTREACH/HOMELESS SHELTER |
| 150 | HRI |
| 151 | IHR CENTRAL INTAKE |
| 152 | Ipswich District Court |
| 153 | ITALIAN HOME FOR CHILDREN |
| 154 | JOURNEY HOUSE |
| 155 | KATHERINE HOUSE |
| 156 | KEENAN RECOVERY HOUSE |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

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| | Admit Source DMH |
| 157 | LARK HALFWAY HOUSE |
| 158 | LATINAS Y NINOS CTR |
| 159 | Lawrence District Court |
| 160 | LAWRENCE MEMORIAL |
| 161 | LEMUEL SHATTUCK-DMH UNIT |
| 162 | Leominster District Court |
| 163 | LEROY'S LODGE |
| 164 | LINDA FAY GRIFIN HOUSE |
| 165 | LINDEMANN MHC |
| 166 | LOWELL COMMUNITY HEALTH CTR |
| 167 | Lowell District Court |
| 168 | LOWELL GENERAL |
| 169 | LOWELL RECOVERY HOUSE |
| 170 | LOWELL YOUTH COUNSELING CTR |
| 171 | LOWELL YOUTH TREATMENT CTR |
| 172 | Lynn District Court |
| 173 | LYNN TRANSITIONAL SUPPORT SVCS |
| 174 | Malden District Court |
| 175 | MARLBORO HOSPITAL |
| 176 | Marlborough District Court |
| 177 | MARTHA'S VINYARD HOSPITAL |
| 178 | MASS GENERAL HOSPITAL |
| 179 | MASS MENTAL HEALTH CENTER |
| 180 | MCI FRAMINGHAM |
| 181 | MCLEAN AT NAUKEAG RESI |
| 182 | MCLEAN CTR AT FERNSIDE RECVY |
| 183 | MCLEAN HOSPITAL |
| 184 | MEDFIELD STATE HOSPITAL |
| 185 | MELROSE - WAKEFIELD |
| 186 | MERIDIAN HOUSE THERAPEUTIC COM |
| 187 | METRO WEST MEDICAL CENTER |
| 188 | METROPOLITAN STATE HOSPITAL |
| 189 | Milford District Court |
| 190 | MONARCH HOUSE |
| 191 | MORTON HOSPITAL |
| 192 | MT AUBURN |
| 193 | MY SISTER'S HOUSE |
| 194 | Nantucket District Court |
| 195 | Natick District Court |
| 196 | New Bedford District Court |
| 197 | NEW BEDFORD EMERGENCY SERVICES |
| 198 | NEW ENGLAND MEDICAL CENTER |
| 199 | NEW HOPE TRANSITIONAL SUPPORT |
| 200 | NEW HORIZONS |
| 201 | Newbury District Court |
| 202 | NEWTON WELLESLEY |
| 203 | Newton District Court |
| 204 | NICKI HOUSE |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| | |
|-----|---|
| | <u>Admit Source DMH</u> |
| 205 | NOBLE |
| 206 | NON-DMH PSYCHIATRIC FACILITY |
| 207 | NORTH ADAMS |
| 208 | Northampton District Court |
| 209 | Northern Berkshire District Ct |
| 210 | NORTON CRISIS |
| 211 | NURSING HOME |
| 212 | OLYMPUS SPEC & REHAB HOSP |
| 213 | OLYMPUS SPECIALTY UNIT |
| 214 | Orange District Court |
| 215 | ORCHARD ST FAMILY RESI SVCS |
| 216 | Orleans District Court |
| 217 | OTHER |
| 218 | OUTPATIENT PROVIDER |
| 219 | OUTPATIENT SA COUNSELING |
| 220 | Palmer District Court |
| 221 | PARKVIEW SPECIALTY HOSP-DMH |
| 222 | PARTIAL HOSPITAL |
| 223 | Peabody District Court |
| 224 | PEGASUS HOUSE |
| 225 | PEMBROKE HOSPITAL |
| 226 | PHOENIX HOUSE |
| 227 | PHYSICIAN REFERRED |
| 228 | Pittsfield District Court |
| 229 | Plymouth District Court |
| 230 | POCASSET MHC |
| 231 | PRISON |
| 232 | PRIVATE INPT PSYCH FACILITY |
| 233 | PRIVATE PARTIAL HOSPITAL |
| 234 | PROJECT COPE WOMEN'S RESI |
| 235 | PROVIDENCE HOSPITAL |
| 236 | PSYCH EMERGENCY SERVICES |
| 237 | Quincy District Court |
| 238 | QUINCY HOSPITAL |
| 239 | QUINCY MEDICAL CENTER |
| 240 | QUINCY MHC |
| 241 | REFLECTIONS COURT ALTERNATIVE |
| 242 | REHAB FACILITY |
| 243 | RESIDENTIAL |
| 244 | RHODES STREET HOUSE |
| 245 | RIVERSIDE |
| 246 | ROAD BLOCK |
| 247 | RYAN HOUSE |
| 248 | SAGE HOUSE FAMILY RESI SVCS |
| 249 | SAINT ANNE'S HOSPITAL |
| 250 | SAINTS MEMORIAL HOSPITAL |
| 251 | SALEM |
| 252 | Salem District Court |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

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| | <u>Admit Source DMH</u> |
| 253 | SALVATION ARMY |
| 254 | SCHOOL |
| 255 | SECOND OFFENDER AFTERCARE |
| 256 | SELF/FAMILY/FRIEND |
| 257 | SERENITY HOUSE |
| 258 | SERVICES PROVIDED FOR WOMEN |
| 259 | SHAHEEN WOMEN'S PROGRAM |
| 260 | SHEPHERD HOUSE |
| 261 | SHILO HOUSE- BOSTON |
| 262 | SIMPLE LIVING INC |
| 263 | SKILLED NURSING FACILITY |
| 264 | SOLOMON CARTER FULLER MHC |
| 265 | SOLOMON MHC |
| 266 | SOMERVILLE |
| 267 | 267=Somerville District Court |
| 268 | 268=SOMERVILLE HOSPITAL |
| 269 | 269=SOUTH SHORE HOSPITAL |
| 270 | 270=SOUTH SHORE MENTAL HEALTH |
| 271 | 271=SOUTHCOST HOSP GROUP INC |
| 272 | 272=Southern Berkshire District Ct |
| 273 | 273=Springfield District Court |
| 274 | ST ANN'S |
| 275 | ST ELIZABETH'S |
| 276 | ST VINCENT |
| 277 | ST VINCENT'S CHILD TREATMENT |
| 278 | STATE INPT PSYCH FACILITY |
| 279 | STATE OP OUTPATIENT |
| 280 | STATE OP PARTIAL HOSP |
| 281 | STATE OP RESIDENTIAL |
| 282 | STEPPINGSTONE WOMEN'S PROGRAM |
| 283 | STEPS SOLUTIONS INC # |
| 284 | Stoughton District Court |
| 285 | STURDY MEMORIAL HOSPITAL |
| 286 | Taunton District Court |
| 287 | TAUNTON STATE HOSPITAL |
| 288 | THAYER TRANSITIONAL SUP SVCS |
| 289 | THE LIGHTHOUSE |
| 290 | THE VINEYARD HOUSE |
| 291 | TRANSFER - ANOTHER HC FAC |
| 292 | TRANSFER FR/TO OTH MA FACIL |
| 293 | TRANSFER FROM/TO OOS FACIL |
| 294 | TRANSFER FROM/TO SNF |
| 295 | TRANSFR ACUTE CARE HOSPITAL |
| 296 | TRANSITIONAL SUPPORT SERVICES |
| 297 | TRANSITIONS TSS |
| 298 | TRIANGLE HOUSE |
| 299 | TRNS ANOTHER HLTH CARE FAC |
| 300 | TRNS OTHER ACUTE CARE HOSP |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| | |
|-----|----------------------------------|
| | Admit Source DMH |
| 301 | UMASS MEDICAL CENTER |
| 302 | UNKNOWN ADMISSION SOURCE |
| 303 | Uxbridge District Court |
| 304 | VERSACARE |
| 305 | VICTORY PROGRAM |
| 306 | WALKER HOME |
| 307 | Waltham District Court |
| 308 | Wareham District Court |
| 309 | West Roxbury Court |
| 310 | WESTBORO STATE HOSPITAL |
| 311 | Westborough District Court |
| 312 | Westfield District Court |
| 313 | WESTWOOD LODGE |
| 314 | WESTWOOD PEMBROKE |
| 315 | WHIDDEN HOSPITAL |
| 316 | Winchendon District Court |
| 317 | WING MEMORIAL HOSPITAL |
| 318 | WISE ST TRANSITIONAL |
| 319 | Woburn District Court |
| 320 | WOMENPLACE -RECOVERY HOME |
| 321 | WOMEN'S HELLO HOUSE-BOSTON |
| 322 | WOMEN'S HOPE |
| 323 | WOMEN'S HOPE TSS |
| 324 | WOMEN'S VIEW |
| 325 | Worcester District Court |
| 326 | WORCESTER STATE HOSPITAL |
| 327 | Wrentham District Court |
| 328 | YETMAN HOUSE |
| 329 | YOU, INC VILLAGE/MANOR |
| 330 | YOU, INC WETZEL CENTER |
| 331 | ZERO TOLERANCE |

| | |
|------------------------------------|------------------------------|
| Discharge Disp DMH | DispositionName |
| 1 | ACCS |
| 2 | ACCS SERVICE TYPE TRANSITION |
| 3 | ACUTE MEDICAL FACILITY |
| 4 | ACUTE RESI TX ADULT DUAL DX |
| 5 | ACUTE RESIDENTIAL TX CHILD |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Discharge Disp DMH | DispositionName |
|------------------------------------|--|
| 6 | AGAINST MEDICAL ADVICE |
| 7 | ASSISTED LIVING FACILITY |
| 8 | BRIDGEWATER TREATMENT CTR |
| 9 | Brief Intervention Referral to Treatment |
| 10 | CLINICAL STABILIZATION SVCS |
| 11 | Closed State Mental Hospital |
| 12 | COMM BASED ACUTE TX-CHILD |
| 13 | Community Mental Health Clinic |
| 14 | CORRECTIONAL CT |
| 15 | COURT/LAW |
| 16 | CRISIS STABILIZATION SERVICE |
| 17 | DETOXIFICATION FACILITY |
| 18 | DMH COMMUNITY RESIDENCE C/A |
| 19 | DMH GROUP/CONG LIVING-ADULT |
| 20 | DMH RESPITE SERVICE |
| 21 | DMH Unit DPH Hospital |
| 22 | DSS RESIDENTIAL |
| 23 | DYS RESIDENTIAL |
| 24 | EXPIRED |
| 25 | GAMBLING PROGRAM |
| 26 | HALFWAY HOUSE |
| 27 | HOME ALONE |
| 28 | HOME WITH FAMILY |
| 29 | HOME WITH NON-FAMILY |
| 30 | HOME with SERVICE |
| 31 | HOSPICE |
| 32 | INCARCERATED OVER 18 MONTHS |
| 33 | INCARCERATED UNDER 18 MONTHS |
| 34 | Inpatient Facility Adult |
| 35 | Inpatient Facility Child/Adolescent |
| 36 | INTERMEDIATE CARE FACILITY |
| 37 | LONG TERM CARE FACILITY |
| 38 | MEDICAL HOSPITALIZATION |
| 39 | MEDICAL UNIT/DPH Hospital |
| 40 | Mental Health Clinic |
| 41 | Mental Health Residential Clinic |
| 42 | MOVED OUT OF AREA |
| 43 | NON-DMH COMMUNITY RES. |
| 44 | NURS HOME / SNF (NON-REHAB) |
| 45 | O4 OUTPATIENT PROVIDER |
| 46 | OOS PSYCHIATRIC FACILITY |
| 47 | OOS RESIDENTIAL PROGRAM |
| 48 | OPIOID TREATMENT (Any, including residential. The field does not indicate setting) |
| 49 | OTHER FACILITY |
| 50 | OTHER INPATIENT FACILITY |
| 51 | OTHER OUTPATIENT CLINIC |

Department of Mental Health (DMH)
Analytic Data Dictionary
(PHDDMH.DMH)

| Discharge Disp DMH | DispositionName |
|------------------------------------|---|
| 52 | PRIV. PSYCHIATRIC FAC-INPAT |
| 53 | PROG FOR ASSERT COMM TREATM |
| 54 | PSYCHIATRIC HOSPITALIZATION |
| 55 | REHAB FACILITY |
| 56 | RESIDENTAIL TREATMENT |
| 57 | RESIDENTIAL SCHOOL |
| 58 | REST HOME |
| 59 | SHELTER |
| 60 | SHORT TERM HOSP |
| 61 | Short Term Transfer |
| 62 | SKILL NURS FAC/NURS HOME |
| 63 | SOBER HOUSE |
| 64 | State Contracted Mental Health Hospital |
| 65 | State Operated Mental Health Clinic |
| 66 | State Operated Mental Health Hospital |
| 67 | State Operated MH Service |
| 68 | SUB. ABUSE TX (NOT DETOX) |
| 69 | SUBSTANCE ABUSE FACILITY/HOSP |
| 70 | TERMINATED BY PROGRAM |
| 71 | TRANSFER TO ANOTHER PGM/SERV |
| 72 | TRANSITIONAL SUPPORT SVCS |
| 73 | VETERANS ADMIN. HOSPITAL |
| 74 | WRAP |
| 99 | Unknown/NO CONTACT/WHEREABOUTS UNK/status not a disposition |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

Department of Mental Health- RAP (PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|--|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_DTA | CHIA Match level | 1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight. 2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness | Num |
| Age_RAP_DMH | Age at enrollment | Age in years 999= Missing | Num |
| Citizen_RAP_DMH | Flag indicating clients US Citizenship | 0=No 1=Yes 9=Unknown/Missing | Num |
| Disenrolled_Date_RAP_DMH | Date Client was disenrolled | Date Proxy – Count of days between disenrollment date and a random date in the past NOTE: The larger the date proxy, the later in time the event occurred | Num |
| Disenrolled_Month_RAP_DMH | Month of disenrollment | Months, 1-12 | Num |
| Disenrolled_Year_RAP_DMH | Year of disenrollment | Years, YYYY format | Num |
| Education_RAP_DMH | Reported Level of Education | 1 = Not of School Age 2 = No Formal Education 3 = Less than High School | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|---|---|--------|
| | | 4 = High School Diploma / GED 5 = Some College/Post-Secondary 6 = Associate/Certificate 7 = College Degree or Higher 8 = Other Credentials 95 = Unknown 99 = Missing | |
| Employment_Status_RAP_DMH | Employment Status. This was only collected for Clubhouse from 2011-2020. This is now collected for all from 2021 to 2022. Note: DMH stopped collecting employment statuses for Club House from 6/30/2022 | 1=Competitively Employed (Self-Sufficient) 2=Competitively Employed - Eligible for Cash Benefits 3 =Transitional Employment 4 =Agency Sponsored Employment 5 =Unemployed, but in the Labor Force (includes those that are unemployed now but history of emp) 6 =Not in Labor Force, but Engaged in Work-Related Activity 7 =Not in Labor Force and not Engaged in any Work-Related Activity 8 =Chooses Not to Disclose 9=Unknown 10=Supported Employment 11= Volunteer Only 12= Self-Employed 13= Retired 14= Not in Labor Force Blanks=Missing/Unknown | Num |
| Enrollment_Date_RAP_DMH | Date Client was enrolled | Date Proxy – Count of days between enrollment date and a random date in the past NOTE: The larger the date proxy, the later in time the event occurred | Num |
| Enrollment_Month_RAP_DMH | Month client was enrolled | Months, 1-12 | Num |
| Enrollment_Year_RAP_DMH | Year client was enrolled | Years, YYYY format | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|----------------------|---|--------|
| Ethnicity_RAP_DMH | Ethnicity | 1=ALBANIAN 2=AMERICAN 3=ARMENIAN 4=BHUTANESE 5=BOSNIAN 6=BRAZILIAN 7=BURMESE 8=CAMBODIAN 9=CANADIAN 10=CAPE VERDEAN 11=CHINESE 12=COLOMBIAN 13=CONGOLESE 14=COSTA RICAN 15=DOMINICAN 16=ECUADORIAN 17=EGYPTIAN 18=ENGLISH 19=ERITREAN 20=ETHIOPIAN 21=FILIPINO 22=FINNISH 23=FRENCH 24=GERMAN 25=GREEK 26=GUATEMALAN 27=HAITIAN 28=HISPANIC, OTHER 29=HMONG 30=HONDURAN 31=INDIAN 32=IRANIAN 33=IRAQI 34=IRISH 35=ISRAELI 36=ITALIAN 37=JAPANESE 38=KOREAN 39=LAOTIAN 40=LEBANESE 41=MEXICAN 42=MOROCCAN 43=NICARAGUAN 44=NIGERIAN | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|---|--|--------|
| | | 45=PAKISTANI 46=PANAMANIAN 47=PERUVIAN 48=POLISH 49=PORTUGUESE 50=PUERTO RICAN 51=RUSSIAN 52=SALVADORAN 53=SOMALI 54=THAI 55=TIBETAN 56=UKRAINIAN 57=VENEZUELAN 58=VIETNAMESE 59=WEST INDIAN/CARIBBEAN 60= BELGIUM 61=BRITISH 62=BULGARIAN 63=CUBAN 64=DUTCH 65=JEWISH 66=LITHUANIAN 67=ROMANIAN 68=SCOTTISH 69=SWEDISH 70=OTHER 71=TWO OR MORE 72=CHOOSES NOT TO SELF-IDENTIFY 73=REFUSED 99=UNKNOWN | |
| Homeless_RAP_DMH | Homeless flag based on City/town of residence. Search for the term "HOMELESS" | 0=No 1=Yes 9=Unknown/Missing | Num |
| In_School_RAP_DMH | Flag indicating clients' educational status | 0=No 1=Yes 9=Unknown/Missing | Num |
| Interpreter_RAP_DMH | Flag indicating whether a client requires a language interpreter | 0=No 1=Yes Blanks=Missing/Unknown | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---------------------------|---|--------|
| LANGUAGE_RAP_DMH | Client preferred language | 1=Albanian 2=American Sign Language 3=Amharic 4=Arabic 5=Armenian 6=Bengali 7=Bosnian 8=Bulgarian 9=Cambodian 10=Cantonese 11=Cape Verdean 12=Chinese 13=Creole 14=Croatian 15=Czech 16=Danish 17=Dutch 18=English 19=Estonian 20=Farsi/Iranian/Persian 21=Finnish 22=French 23=Fulani Fula 24=Gaelic 25=German 26=Greek 27=Gujarati 28=Haitian Creole 29=Hawaiian 30=Hebrew 31=Hindi 32=Hmong 33=Hungarian 34=Icelandic 35=Igbo 36=Indonesian 37=Italian 38=Japanese 39=Khmer/Cambodian 40=Korean 41=Lao 42=Latvian 43=Malaysian | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| | | 44=Mandarin 45=Mandingo\Mandinka 46=Marathi 47=Nepali 48=Norwegian 49=Other 50=Philippine 51=Polish 52=Portuguese 53=Punjabi\Panjabi 54=Romanian 55=Russian 56=Serbian-Croatian 57=Slovak 58=Slovenian 59=Somali 60=Spanish 61=Swahili 62=Swedish 63=Tagalog 64=Tagalog/Filipino 65=Taiwanese 66=Thai 67=Tibetan 68=Tigrigna 69=Toisanese 70=Turkish 71=Twi 72=Ukrainian 73=Urdish 74=Vietnamese 75=Wolof 76=Wu 77=Yiddish 78=Yoruba 99=Unknown | |
| LOS_RAP_DMH | Length of stay to date or as of disenrollment | In days | Num |
| Marital_RAP_DMH | Marital Status of Client | 1 = Unmarried 2 = Married 3 = Domestic Partner/Significant Partnership | Num |

Department of Mental Health (DMH) - RAP
Analytic Data Dictionary
(PHDDMH.RAP)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|--|--------|
| | | 4 = Legally separated 9 = Missing/Unknown | |
| Race_RAP_DMH | Combined race/ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| RES_CODE_RAP_DMH | City client resides in Note that res_code_DMH might be more accurate than res_zip_DMH | 1-351 999= missing/unknown/invalid | Num |
| RES_ZIP_RAP_DMH | Zip code of the address of client | 5 digit zip 99999=Unknown | Char |
| Sex_RAP_DMH | Sex of Client | 1 = Male 2 = Female 9 = Unknown | Num |
| Veteran_RAP_DMH | Veteran Status of Client | 0=No 1=Yes 9=Unknown | Num |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

SNAP Benefit Program - Department of Transitional Assistance (PHDDTA.DTA)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|---|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_DTA | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as little as SSN or date of birth and first and last name. These candidates are included for completeness</p> | Num |
| AGE_DTA | Age | Age in years Blank-missing/unknown | Num |
| BENEFIT_AMOUNT_DTA | Benefit Amount | Numeric full dollar amount Blank=missing/unknown | Num |
| BENEFIT_EFF_DATE_DTA | Effective date of Benefits (use with CASE_STATUS_DTA to determine what status this date represents) | Date Proxy – count of days between benefit effective date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| BENEFIT_EFF_MONTH_DTA | Effective Month of benefits | Months, 1-12 99 =missing/unknown | Num |
| BENEFIT_EFF_YEAR_DTA | Effective Year of benefits | Year, YYYY 9999 = missing/unknown | Num |
| BIRTH_MONTH_DTA | Month recipient was born | 1-12 99 = missing/unknown | Num |
| BIRTH_YEAR_DTA | Year recipient was born | YYYY 9999=missing/unknown | Num |
| CASE_STATUS_DTA | Status of the case at the monthly snapshot | <p>1=Active 2=Closed 3=Denied 4=Pending 9=missing/unknown</p> | Num |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|---|--------|
| CASE_ID_DTA | Unique ID assigned by DTA to individual. Use FAMILY_ID_DTA, RELATIONSHIP_DTA and HEAD_OF_CASE_FLAG to understand family relationship | Proxy value Blank=missing/unknown | Num |
| CLOSED_IN_MONTH | Flag to indicate whether case closed within the month | 0=No 1=Yes 9=missing/unknown | Num |
| CYCLE_END_DATE_DTA | Last day of month of record, (DTA records are recorded monthly) | Date Proxy – count of days between Cycle record date and randomly chosen date in the past NOTE: The larger the date proxy, the more recent the event occurred | Num |
| CYCLE_END_MONTH_DTA | End month of record | 1-12 99=missing/unknown | Num |
| CYCLE_END_YEAR_DTA | End year of record | YYYY 9999=missing/unknown | Num |
| CYCLE_START_DATE_DTA | First day of month of record, (DTA records are recorded monthly) | Date Proxy – count of days between Cycle record date and randomly chosen date in the past NOTE: The larger the date proxy, the more recent the event occurred | Num |
| CYCLE_START_MONTH_DTA | First month of record | 1-12 99=missing/unknown | Num |
| CYCLE_START_YEAR_DTA | First year of record | YYYY 9999=missing/unknown | Num |
| DISABILITY_DTA | Indicate whether the client is disabled | 0=No 1=Yes 9=missing/unknown | Num |
| DIS_SOURCE_DTA | Indicates the type of disability coverage the client reports receiving | 1=SSA 2 = Veteran 3 = UMass disability evaluation services 4 = Client statement 5 = Competent medical authority 6 = Federal State Disability 7= Mass Health 8 = Mass Rehab Commission 9 = missing/unknown | Num |
| EARNED_INCOME | Total earned income for case | Numeric full dollar amount Blank=missing/unknown | Num |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|---|--------|
| EDU_DTA | Highest level of education (these data are not verified and may be inaccurate) | 1= No School at all 2= 1-8 years 3= 9-11 (attended but not compl) 4= Completed 12(high school dip.) 5= GED 6= Some college 7= Completed 2-year college 8= Completed 4-year college 9= missing/unknown | Num |
| FAMILY_ID_DTA | Unique ID assigned by DTA to family. Use HEAD_OF_CASE_FLAG and RELATIONSHIP_DTA to understand family relationship | Proxy value Blank=missing/unknown | Num |
| HEAD_OF_CASE_FLAG | Member Role ('Grantee' if Head of Case, otherwise Null) | 0=No 1=Yes 9=missing/unknown | Num |
| HIP | Whether case participated in HIP within month | 0=No 1=Yes 9=missing/unknown | Num |
| HIP_TRX | The number of HIP transactions | 0=0 1=1-20 2=21-40 3=41-60 4=61-80 9=missing/unknown | Num |
| HOMELESS_DTA | Homeless | 0=No 1=Yes 9=missing/unknown | Num |
| HOUSEHOLD_SIZE_DTA | Number of people in household | Number, blank=missing | Num |
| IN_SCHOOL_DTA | Currently in school? | 0=No 1=Yes 9=missing/unknown | Num |
| INELIGIBILITY_REASON | Ineligibility Reason Code (i.e. Closing Reason) | See code list | Num |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|---|--------|
| LANGUAGE_DTA | Spoken language | 1=Amharic 2=American Sign Language 3=Arabic 4=Armenian 5=Cambodian 6=Chinese (Cantonese) 7=Chinese (Mandarin) 8=Chinese 9=Croatian 10=English 11=French 12=Greek 13=Haitian Creole 14=Italian 15=Laotian 16=Polish 17=Portuguese 18=Russian 19=Serbian Cyrillic 20=Slovenian 21=Somali 22=Spanish 23=Tagalog 24=Vietnamese 88=Other 99=missing/unknown | Num |
| MARITAL_DTA | Marital Status | 1=Married 2=Not Married 8=Not Applicable 9=missing/unknown | Num |
| MILITARY_SVC_FLG_DTA | Flag to indicate person self-reports ever serving in the military | 1 = Served in the Military, Self-Reported (begun 2019) 0 = Not served in the military 9=Missing/unknown | Num |
| RACE_DTA | Race/Hispanic Ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Missing/unknown | Num |
| RELATIONSHIP_DTA | Client relationship to the Grantee | See code list | Num |
| RES_CODE_DTA | City Name | 1-351 for valid MA city/town 999=Unknown | Num |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|--|---|--------|
| RES_ZIP_DTA | Postal Code | 5 digit zip 99999=Missing/unknown | Char |
| SEX_DTA | AP Gender Indicator Should Gender CO - B2.0 - Eff Dated | 1=Male 2=Female 9=Missing/unknown | Num |
| SSN_LAST_DIGIT | Social Security Number (Last Digit Only) | 0-9 Blank=missing/unknown | Num |
| UNEARNED_INCOME | Total unearned income for case | Numeric full dollar amount Blank=missing/unknown | Num |

| <u>Ineligibility Reason</u> | |
|-----------------------------|--|
| 165 | You are an Ineligible Grantee |
| 205 | Unearned Income in excess of grant amount |
| 206 | Assets in excess of asset limit |
| 210 | Failure to verify income and/or asset |
| 213 | Receipt Lump Sum payment in excess of grant amount |
| 214 | Failed to cooperate with bank match procedures. |
| 215 | Receiving assistance from another State or County |
| 220 | Countable earned income in excess of grant |
| 221 | Fail to correct an incomplete Monthly Report |
| 222 | Fail to return a complete Monthly Report |
| 227 | Fail to correct an inadequate Monthly Report |
| 601 | Not in Receipt of SSI |
| 602 | Invalid SDX Living Arrangement |
| 603 | Invalid Marital Status |
| 604 | Invalid Date of Birth |
| 605 | Ineligible Noncitizen |
| 606 | Existence of SDX Earnings |
| 607 | More than one member in SNAP AU |
| 608 | ACTIVE MEMBER OF ANOTHER SNAP AU |
| 609 | Requested end to CAP |
| 611 | GREATER BENEFIT FROM REGULAR SNAP |
| 612 | EXTEND RECERTIFICATION PERIOD FROM SDX |
| 613 | BENEFIT AMOUNT CHANGE - SDX SHELTER |
| 614 | BENEFIT AMOUNT CHANGE - SDX UNEARNED INCOME |
| 615 | CHANGE IN BEACON EXPENSES |
| 616 | BEACON RECERTIFICATION |
| 617 | SDX FLEEING FELON |
| 618 | EXTEND RECERTIFICATION PERIOD |
| 619 | Not in Receipt of Federal SSI |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| <u>Ineligibility Reason</u> | |
|-----------------------------|--|
| 1004 | Institutionalized including incarceration |
| 1005 | Required to be in another SNAP AU |
| 1007 | Currently in another SNAP AU |
| 1010 | No longer MA resident |
| 1011 | Death |
| 1012 | Whereabouts Unknown |
| 1018 | Boarder or resident in an unlicensed halfway house |
| 1019 | Did not cooperate with Quality Control |
| 1024 | Did not apply for / verify SSN |
| 1035 | Not meeting SNAP AU requirements |
| 1037 | In school higher than secondary level |
| 1042 | Fail to submit the required verifications |
| 1043 | Application Withdrawn |
| 1044 | Fail to complete a family cap review |
| 1046 | Fail to schedule a review at end of disqualification period |
| 1053 | Special Projects |
| 1054 | Voluntarily quit job (2nd time) |
| 1055 | Voluntarily quit job (3rd time) |
| 1060 | Your certification period has ended. |
| 1064 | Requested closure |
| 1066 | Failure to complete SNAP application process. |
| 1067 | Fraudulent Statement to SSA |
| 1068 | Initiated but Failed to Recertify |
| 1069 | Failure to complete Interim Report process |
| 1070 | Failure to Complete an Interim Report |
| 1071 | Incarcerated |
| 1142 | You did not submit required verification for recertification after reinstatement |
| 1166 | You did not complete SNAP recertification process after reinstatement |
| 1266 | You did not complete the Interim Report process after reinstatement |
| 1342 | You did not submit required verifications for an application after reinstatement |
| 1442 | You did not submit required verifications for a case maintenance reinstatement |
| 2001 | Administrative Closure |
| 2002 | Failed to keep appointment for review |
| 2005 | Bureau of Special Investigation determined fraud |
| 2006 | Fail to keep appointment to discuss computer match info |
| 2007 | Ineligibility reason removed |
| 2009 | Non-citizen resident for less than 60 days |
| 3009 | Voluntarily quit job(1st time) |
| 3015 | Fleeing felon |
| 3017 | Multiple cash and/or SNAP benefit applications |
| 3019 | Failed to meet SNAP HH composition requirements |
| 3022 | Failed to comply with FS ET requirements (first time) |
| 3024 | Failed to comply with FS ET requirements (second time) |
| 3025 | Failed to comply with FS ET requirements (third time) |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| <u>Ineligibility Reason</u> | |
|-----------------------------|---|
| 3029 | Ineligible for SNAP beyond initial expedited issuance |
| 3030 | Fail to comply with SNAP Work Program requirements |
| 3033 | SNAP Disqualification for Intentional Program Violation |
| 3034 | Disqualification for Fraud Court Conviction >\$1000 |
| 3037 | SNAP Disqualification for Trading SNAP for Drugs |
| 3039 | Parole or Probation Violations |
| 3041 | Disqualified from SNAP due to a Cash IPV |
| 3049 | Fraudulently Receiving Duplicate Benefits |
| 6008 | Active member of another SNAP AU |
| 6011 | Currently in active/pending Cash AU |
| 2006 | Fail to keep appointment to discuss computer match info |
| 2007 | Ineligibility reason removed |
| 2009 | Non-citizen resident for less than 60 days |
| 3009 | Voluntarily quit job (1st time) |
| 3015 | Fleeing felon |
| 3017 | Multiple cash and/or SNAP benefit applications |
| 3019 | Failed to meet SNAP HH composition requirements |
| 3022 | Failed to comply with FS ET requirements (first time) |
| 3024 | Failed to comply with FS ET requirements (second time) |
| 3025 | Failed to comply with FS ET requirements (third time) |
| 3029 | Ineligible for SNAP beyond initial expedited issuance |
| 3030 | Fail to comply with SNAP Work Program requirements |
| 3033 | SNAP Disqualification for Intentional Program Violation |
| 3034 | Disqualification for Fraud Court Conviction >\$1000 |
| 3037 | SNAP Disqualification for Trading SNAP for Drugs |
| 3039 | Parole or Probation Violations |
| 3041 | Disqualified from SNAP due to a Cash IPV |
| 3049 | Fraudulently Receiving Duplicate Benefits |
| 6008 | Active member of another SNAP AU |
| 6011 | Currently in active/pending Cash AU |
| 999 | Missing/Unknown |

| <u>RELATIONSHIP DTA</u> | | | |
|-------------------------|-----------------|----|---------------|
| 1 | Aunt | 20 | Great Uncle |
| 2 | Brother-in-Law | 21 | Half-Sibling |
| 3 | Child | 22 | Mother |
| 4 | Daughter-in-Law | 23 | Mother-in-Law |
| 5 | Father | 24 | Nephew |

Department of Transitional Assistance – SNAP Benefit Program
Analytic Data Dictionary
(PHDDTA.DTA)

| | | | |
|----|---------------------------|----|----------------------------|
| 6 | Father-in-Law | 25 | Niece |
| 7 | First Cousin | 26 | Other Relationship |
| 8 | First Cousin Once Removed | 27 | Sibling |
| 9 | Great Granddaughter | 28 | Sister-in-Law |
| 10 | Great Grandson | 29 | Son-in-Law |
| 11 | Great Aunt | 30 | Spouse of a Related Person |
| 12 | Granddaughter | 31 | Spouse |
| 13 | Grandfather | 32 | Stepchild |
| 14 | Great Grandfather | 33 | Stepfather |
| 15 | Great Grandmother | 34 | Stepmother |
| 16 | Grandmother | 35 | Step-Sibling |
| 17 | Grandnephew | 36 | Uncle |
| 18 | Grandniece | 37 | Unrelated |
| 19 | Grandson | 99 | Missing/unknown |

Executive Office of Veterans Services Benefit Program
Analytic Data Dictionary
PHDDVS.DVS_CH115

Veteran's Benefits – Executive Office of Veterans' Services (PHDDVS.DVS_CH115)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_DVS | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_DVS | Age | <p>Age in years at time benefit payment was received</p> <p>999 = missing age but receiving benefit payments</p> | Num |
| BENEFIT_DATE_DVS | Date of payment | <p>Date Proxy – count of days between date and randomly chosen date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| BENEFIT_MONTH_DVS | Month of payment | Month, 1-12 | Num |
| BENEFIT_YEAR_DVS | Year of payment | Year, YYYY | Num |
| DME_DVS | Payment received for durable medical equipment or hearing aids? | <p>0=No</p> <p>1=Yes</p> | Num |
| HOUSE_DVS | Payment received for housing services? | <p>0=No</p> <p>1=Yes</p> | Num |

Executive Office of Veterans Services Benefit Program

Analytic Data Dictionary

PHDDVS.DVS_CH115

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|--|--------|
| MED_DVS | Payment received for medical services? | 0=No 1=Yes | Num |
| OTH_DVS | Payment received for other services? | 0=No 1=Yes | Num |
| RACE_DVS | Race of benefit recipient | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown/missing | Num |
| RES_CODE_DVS | City of residence | 1-351 for valid MA city/town 999=Unknown | Num |
| RES_ZIP_DVS | Zip code of residence | 5 digit zip 99999=Unknown | Char |
| SEX_DVS | Sex of the benefit recipient | 1=Male 2=Female 9=Unknown | Num |

DVS Supplement

Durable Medical Equipment and Hearing Aids includes:

| | |
|----|---------------------------|
| 5 | Durable medical equipment |
| 12 | Hearing Aids |

Housing Payments Include:

| | |
|----|-------------------------|
| 8 | Rent Arrears |
| 9 | Mortgage Arrears |
| 10 | Moving Expenses |
| 27 | Trans. Shelter |
| 30 | Rent Deposits(1st/last) |
| 40 | VASH-(1st, Last, Sec) |
| 41 | Hotel*PA ONLY* |

Medical Payments Include:

| | | | |
|----|---------------------------|----|---------------------------------|
| 1 | Nursing Home | 14 | Misc Medical |
| 2 | Medicare Part "B" | 15 | *Don't USE* - Aetna |
| 3 | Medicare Part "C" | 16 | Medical Ins. |
| 4 | Ambulance | 17 | Commonwealth Care |
| 5 | Durable medical equipment | 19 | *Don't USE* - Blue Cross/Shield |
| 6 | Medicare Part "D" | 25 | Other Med. Ins. |
| 11 | Eye Glasses | 33 | MEDIGAP |
| 12 | Hearing Aids | 39 | HHA-Home Health Aide |

Other Payments Include:

| | | | |
|----|-----------------|----|----------------------------------|
| 0 | Unknown | 31 | Utility Arrears |
| 7 | Emergency Cash | 32 | *Don't USE* - Tufts Med Ins |
| 13 | Shelter Repairs | 34 | ONA- Natural Disaster Assistance |
| 18 | AutoRepair | 35 | Ch115_'OB'_Retro |

Executive Office of Veterans Services Benefit Program

Analytic Data Dictionary

PHDDVS.DVS_CH115

| | | | |
|----|---------------------|----|--------------------------------|
| 20 | Burials | 36 | Ch115_'Fuel'_Retro |
| 21 | Flags | 37 | EOVS ONLY (OVP) |
| 22 | Fuel Assistance | 38 | IME (Ind Med Exam Submissions) |
| 26 | Repayment | 42 | Federal Furlough |
| 28 | Ch115_Retro Ben. | 43 | Misc Other |
| 29 | TBA (C.O.L.A. only) | | |

Executive Office of Veterans Services Benefit Program
Analytic Data Dictionary
PHDDVS.DVS_ANN

Veteran's Benefits – Executive Office of Veterans' Services (PHDDVS.DVS_ANN)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_DVS | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_DVS | Age | <p>Age in years at time benefit payment was received</p> <p>999 = missing age but receiving benefit payments</p> | Num |
| ANNUITY_DATE_DVS | What was the date this individual first became eligible for annuity payments | <p>Date Proxy – count of days between date and randomly chosen date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| ANNUITY_MONTH_DVS | Month individual first became eligible for annuity payment | Month, 1-12 | Num |
| ANNUITY_YEAR_DVS | Year individual first became eligible for annuity payment | Year, YYYY | Num |
| RACE_DVS | Race of benefit recipient | <p>1 = White non-Hispanic</p> <p>2 = Black non-Hispanic</p> <p>3 = Asian/PI non-Hispanic</p> <p>4 = Hispanic</p> <p>5 = American Indian or Other</p> <p>9 = Unknown/missing</p> | Num |

Executive Office of Veterans Services Benefit Program
Analytic Data Dictionary
PHDDVS.DVS_ANN

| Variable Name | Variable Description | Meta Data | Format |
|---------------|------------------------------|---|--------|
| RES_CODE_DVS | City of residence | 1-351 for valid MA city/town 999=Unknown | Num |
| RES_ZIP_DVS | Zip code of residence | 5 digit zip 99999=Unknown | Char |
| SEX_DVS | Sex of the benefit recipient | 1=Male 2=Female 9=Unknown | Num |

Early Intervention Clients

Analytic Data Dictionary

(PHDEI.EI_CLIENTS)

Early Intervention Clients (PHDEI.EI_CLIENTS)

| Variable Name | Variable Description | Meta Data | Format |
|----------------|--|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_EI | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| CUSTODY_EI | <p>Legal custody for this child</p> <p>No longer collected starting 2017</p> | <p>1=Both parents (same household)</p> <p>2=Mother</p> <p>3=Father</p> <p>4=Joint (separate households)</p> <p>5=DCF</p> <p>6=Other legal guardian</p> <p>8=Child's grandparents</p> <p>9=Unknown</p> | Num |
| GUARDIAN_EI | New variable starting 2017 | <p>1=Mother</p> <p>2=Father</p> <p>3=DCF</p> <p>4=Other legal guardian</p> <p>9=Unknown</p> | Num |

Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_CLIENTS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|---|--------|
| MOTHER_EMP_EI | Mother's employment status (primary family) No longer collected starting 2017 | See code list | Num |
| FATHER_EMP_EI | Mother's employment status (primary family) No longer collected starting 2017 | See code list | Num |
| PRIMARY_LANGUAGE_EI | Primary language spoken at home | 1=English 2=Spanish 3=Portuguese 4=Crioula (Cape Verdean) 5=Creole (Haitian) 6=Khmer 7=Chinese 8=Laotian 9=Vietnamese 10=ASL 88=Other 99=Unknown | Num |
| WRITTEN_LANGUAGE_EI | New variable collected starting 2017 Written language | 1=English 2=Spanish 3=Portuguese 4=Crioula (Cape Verdean) 5=Creole (Haitian) 6=Khmer 7=Chinese 8=Laotian 9=Vietnamese 10=ASL 88=Other 99=Unknown | Num |
| RACE_EI | Client's race/Hispanic ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |

Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_CLIENTS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|---|--------|
| REF_DATE_EI | Referral date (date of 1st contact with the referral caller) | Date Proxy – count of days between referral date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| REF_SUGESTOR_EI | Who suggested that the family contact this EI program? | See code list | Num |
| REF_SUGESTOR_EI_new | New system starting in 2017 have different values, not all comparable to prior years Who suggested that the family contact this EI program? | 1= Hospital/Medical facility 2= DPH program/service 3= Department of Children and Families (DCF) 4= Early Intervention Partnership Program (EIPP) 5= Early Intervention program-Massachusetts 6= Neonatal Intensive Care Unit (NICU) 7= Other 8= Parent/Self-referral 9= Primary Care Provider (PCP)/Pediatrician | Num |
| RES_CODE_EI | City/town of child's residence | 1-351 for valid MA city/town 999=Unknown | Num |
| RES_ZIP_EI | Child's zip code | 5 digit zip code 99999=Unknown | Char |
| RES_TYPE_EI | Child's residence type No longer collected starting 2017 | 1=Family Home 2=Relative's Home 3=Foster Home 4=Shelter 5=Grandparent (non-foster) 6=Other relative's home (non-foster) 7=Foster home (kinship) 8=Foster home (non-relative) 88=Other 99=Unknown | Num |
| SEX_EI | Sex of the child | 1=Male 2=Female 9=Unknown | Num |
| REF_YEAR_EI | Year of Referral date (date of 1 st contact with the referral caller) | 2011-2019 | Num |
| REF_MONTH_EI | Month of Referral date (date of 1 st contact with the referral caller) | 1-12 | Num |

Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_CLIENTS)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|----------------------------|--------|
| BIRTH_YEAR_EI | Year of birth of child | 2011-2019 | Num |
| BIRTH_MONTH_EI | Month of birth of child | 1-12 | Num |
| HOMELESS_NOW_EI | Currently homeless | 0=No 1=Yes 9=Unknown | Num |
| HOMELESS_Recently_EI | Have family been homeless in last 12 months | 0=No 1=Yes 9=Unknown | Num |

| <u>REF SUGESTOR EI</u> | |
|------------------------|--|
| 0 | Missing |
| 1 | Another MA EI Program (transferred) |
| 2 | Comm Health Center/Clinic |
| 3 | Comm/Social Sv Agency (incl. shelter, residential trtmt ctr) |
| 4 | Day Care/Educ Instit |
| 5 | Adolescent Parenting Program |
| 6 | DPH Care Coordination |
| 7 | DPH Family TIES |
| 8 | DPH Healthy Start |
| 9 | DPH Hearing Aid Program |
| 10 | Newborn Hearing Screening Prg |
| 11 | DPH MassCare |
| 12 | DPH Pediatric Primary Care |
| 13 | DPH WIC |
| 14 | DSS |
| 15 | FIRSTLink |
| 16 | Friend/Relative |
| 17 | HMO or HMO Physician |
| 18 | Home Health Svs/VNA |
| 19 | Hospital/NICU staff/Medical facility |
| 20 | Primary Care Provider |
| 21 | Public Information Ad |
| 22 | SSI |
| 23 | EI Partnerships |
| 27 | DPH Lead Poisoning Program |
| 28 | FOR Families |
| 29 | Healthy Families |
| 30 | Self-referred/Prev or current EI involmt |
| 31 | Pediatrician/Physician/PCP/HMO |
| 32 | Hospital NICU staff |
| 33 | Hospital/Medical facility (not NICU) |
| 34 | Other allied health (incl. SP,PT,OT,RN) |
| 35 | Other allied mental health |

Early Intervention Clients

Analytic Data Dictionary

(PHDEI.EI_CLIENTS)

| | |
|----|--|
| 36 | Self-referred/Prev or current EI involmt |
| 88 | Other |
| 99 | Unknown |

| <u>Employment Status</u> | |
|--------------------------|--|
| 1 | Full-time, outside home |
| 2 | Self-employed, full-time, in the home |
| 3 | Not in Labor Force: Homemaker, full-time |
| 4 | Employed: Part-time (in or out of home) |
| 5 | Employed: Maternity/Paternity/Family leave |
| 6 | Not in Labor Force: Unemployed |
| 7 | Not in Labor Force: Student |
| 8 | Other |
| 9 | Unknown |
| 10 | Employed: Full time (incl uniformed svcs) |
| 11 | Not in Labor Force: Retired |
| 12 | Not in Labor Force: Volunteer |
| 13 | Not in Labor Force: Disabled |
| 14 | Not in Labor Force: Incarcerated |
| 88 | Other |
| 99 | Unknown |

Early Intervention
DiagnosesTable -Analytic Data Dictionary
Reference table only
(PHDEI.EI_DiagnosesTable)

Early Intervention Clients – Diagnoses Table (PHDEI.EI_DiagnosesTable)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--------------------------------|-----------|--------|
| DiagnosisID_EI | Diagnoses code in EI | | Num |
| ICD9Code | Valid ICD9 code | | Num |
| ICD9Description | Text field description | | Char |
| ICD10Code | Valid ICD10 code | | Char |
| ICD10Description | Text field description | | Char |
| Elig_Timeframe | Eligibility Timeframe | | Char |
| BegDateICD9 | Beginning Date for ICD9 Codes | MMDDYYYY | Num |
| EndDateICD9 | Ending Date for ICD9 Codes | MMDDYYYY | Num |
| BegDateICD10 | Beginning Date for ICD10 Codes | MMDDYYYY | Num |
| EndDateICD10 | Ending Date for ICD10 Codes | MMDDYYYY | Num |

Early Intervention Clients

Analytic Data Dictionary

(PHDEI.EI_DISCHARGES)

Early Intervention (EI) Discharge (PHDEI.EI_DISCHARGES)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|---|-----------------------------|--------|
| ID | PHD ID | 9-character alphanumeric ID | Char |
| BATTELLE_ADP_DQ_DISCHARGE | Battelle: ADAPTIVE (ADP) Development Quotient (DQ) | 55-145 | Num |
| BATTELLE_AI_DISCHARGE | Battelle: PERSONAL-SOCIAL (P-S) - Adult Interaction (AI) raw score | 0-60 | Num |
| BATTELLE_AM_DISCHARGE | Battelle: COGNITIVE (COG) - Attention and Memory (AM) raw score | 0-60 | Num |
| BATTELLE_COG_DQ_DISCHARGE | Battelle: COGNITIVE (COG) Development Quotient (DQ) | 55-145 | Num |
| BATTELLE_COM_DQ_DISCHARGE | Battelle: COMMUNICATION (COM) Development Quotient (DQ) | 55-145 | Num |
| BATTELLE_ED_DISCHARGE | Battelle: COMMUNICATION (COM) - Expressive communication (EC) raw score | 0-90 | Num |
| BATTELLE_FM_DISCHARGE | Battelle: MOTOR (MOT) - Fine motor (FM) raw score | 0-60 | Num |
| BATTELLE_GM_DISCHARGE | Battelle: MOTOR (MOT) - Gross motor (GM) raw score | 0-90 | Num |
| BATTELLE_MOT_DQ_DISCHARGE | Battelle: MOTOR (MOT) Development Quotient (DQ) | 55-145 | Num |
| BATTELLE_PC_DISCHARGE | Battelle: COGNITIVE (COG) - Perception and Concepts (PC) raw score | 0-80 | Num |
| BATTELLE_PI_DISCHARGE | Battelle: PERSONAL-SOCIAL (P-S) - Peer Interaction (PI) raw score | 0-50 | Num |
| BATTELLE_PM_DISCHARGE | Battelle: MOTOR (MOT) - Perceptual motor (PM) raw score | 0-50 | Num |
| BATTELLE_PR_DISCHARGE | Battelle: ADAPTIVE (ADP) - Personal Responsibility (PR) raw score | 0-50 | Num |

Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_DISCHARGES)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|--|---|--------|
| BATTELLE_PS_DQ_DISCHARGE | Battelle: PERSONAL-SOCIAL (P-S) Development Quotient (DQ) | 55-145 | Num |
| BATTELLE_RA_DISCHARGE | Battelle: COGNITIVE (COG) - Reasoning and Academic Skills (RA) raw score | 0-70 | Num |
| BATTELLE_RC_DISCHARGE | Battelle: COMMUNICATION (COM) - Receptive communication (RC) raw score | 0-80 | Num |
| BATTELLE_SC_DISCHARGE | Battelle: ADAPTIVE (ADP) - Self-Care (SC) raw score | 0-70 | Num |
| BATTELLE_SR_DISCHARGE | Battelle: PERSONAL-SOCIAL (P-S) - Self-Concept and Social Role (SR) raw score | 0-90 | Num |
| DiagnosisID_EI | First ICD Medical diagnosis at discharge | EI diagnoses codes correspond to Valid ICD9 or ICD10 code | Num |
| DISCHARGE_REASON_EI | Reason for discharge | See code list | Num |
| DISCHARGE_New_REASON_EI | New system starting in 2017 have different values, not all comparable to prior years Reason for discharge | 1= 3 Years: Family opt out of LEA referral 2= 3 Years: Not eligible for LEA - No Referrals 3= 3 Years: Not eligible for LEA - Referrals Made 4= 3 Years: Referral to LEA 5= Child Died 6= Child Moved out of State 7= Family Choice: Declined services 8= No Contact/Lost Contact 9= Transferred to another MA EI program 10= Under 3: Not Eligible 99= Unknown | Num |
| LAST_DATE_EI | Last service date | Date Proxy – count of days between last service date and randomly chosen date in the past NOTE: The smaller the date proxy, the more recently the event occurred | Num |
| LAST_YEAR_EI | Last year of service | YYYY | Num |
| LAST_MONTH_EI | Last month of service | Months (1-12) | Num |

**Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_DISCHARGES)**

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|--|---------------|--------|
| REFERRALS_ANOTHER_EI | Recommended referrals at discharge: Another EI program No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_CHILD_CARE | Recommended referrals at discharge: Family or center childcare No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_COMMUNITY_PLAY | Recommended referrals at discharge: Community playgroup No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_DPH_CARE_COORD | Recommended referrals at discharge: DPH Case Management No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_HEADSTART | Recommended referrals at discharge: Headstart No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_LEA_SPED | Recommended referrals at discharge: Public school-LEA/SPED No longer collected starting in 2017 | 0=No 1=Yes | Num |
| REFERRALS_NONE | Recommended referrals at discharge: None No longer collected starting in 2017 | 0=No 1=Yes | Num |

| Code | DischargeReason |
|------|---------------------------------|
| 1 | 3 Years of Age |

**Early Intervention Clients
Analytic Data Dictionary
(PHDEI.EI_DISCHARGES)**

| Code | DischargeReason |
|-------------|--|
| 2 | Under 3 - Services Deemed Unnecessary |
| 3 | Transferred to Another EI Program |
| 4 | Family Moved from Area |
| 5 | Referred to Other Services |
| 6 | Unable to Contact Family |
| 7 | Family Refused Services |
| 9 | Ineligible |
| 10 | Child Died |
| 11 | Incomplete Intake (No EVAL) - family seen |
| 12 | Incomplete Intake (No EVAL) - family not seen |
| 13 | Family moved out of state |
| 14 | Family moved within the state |
| 15 | Family decided on another EI program |
| 16 | Prolonged hospitalization |
| 17 | No shows/Unable to contact/Cancels/UnResponsive |
| 18 | Family Inactive |
| 20 | Transferred/Family decided on another EI prg |
| 21 | Ineligible according to eligibility assessment |
| 22 | Family choice-due to the Family Fee |
| 23 | Family choice-not interested in eligibility evaluation |
| 24 | Family choice-not interested in services |
| 25 | EIPP CHA svs only |
| 26 | IFSP Goals Reached |
| 30 | Family Choice: Declined services |
| 32 | 3 Years: Family opt out of LEA referral |
| 33 | 3 Years: Referral to LEA |
| 34 | Child Moved out of State |
| 35 | No Contact/Lost Contact |
| 36 | Under 3: Not Eligible |
| 37 | 3 Years: Not eligible for LEA-Referred elsewhere |
| 38 | 3 Years: Not eligible for LEA-No other referrals |
| 39 | Transferred to another MA EI program |
| 88 | Other |
| 96 | Data Entry Error |
| 99 | Unknown |

Early Intervention Evaluation

Analytic Data Dictionary

(PHDEI.EI_EVALUATION)

Early Intervention Evaluation (PHDEI.EI_EVALUATION)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|--|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| ADOPTION_EI | Adoption status | 0=No 1=Yes 2=In process 9=Unknown | Num |
| ADOPTION_INTERNATIONAL_EI | International adoption No longer collected since 2017 | 0=No 1=Yes | Num |
| ASD_DIAG_DATE | Date of ASD diagnosis Starting with 2017, this variable was created looking at the Evaluation date for which a Diagnosis was reported | Date Proxy – count of days between ASD diagnosis and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| ASD_DIAG_YEAR | Year of ASD diagnosis | YYYY | Num |
| ASD_DIAG_MONTH | Month of ASD diagnosis | Month (1-12) | Num |
| AUTISM_EI | Child has an autism diagnosis or is in the autism file Starting with 2017, this flag was created looking at only diagnosis-separate file is no longer collected | 1=Yes 0=No | Num |
| BATTELLE_ADP_DQ_EVAL | Battelle: ADAPTIVE (ADP) Development Quotient (DQ) | 55-145 Blanks=Unknown/not collected | Num |
| BATTELLE_AI_EVAL | Battelle: PERSONAL-SOCIAL (P-S) - Adult Interaction (AI) raw score | 0-60 Blanks=Unknown/not collected | Num |
| BATTELLE_AM_EVAL | Battelle: COGNITIVE (COG) - Attention and Memory (AM) raw score | 0-60 Blanks=Unknown/not collected | Num |
| BATTELLE_COG_DQ_EVAL | Battelle: COGNITIVE (COG) Development Quotient (DQ) | 55-145 Blanks=Unknown/not collected | Num |

Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|---|--------|
| BATTELLE_COM_DQ_EVAL | Battelle: COMMUNICATION (COM) Development Quotient (DQ) | 55-145 Blanks=Unknown/not collected | Num |
| BATTELLE_DATE_EVAL | Date that tool (Battelle) was first used | Date Proxy – count of days between Batelle administration date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| BATTELLE_YEAR_EVAL | Year tool (Battelle) was first used | YYYY | Num |
| BATTELLE_MONTH_EVAL | Month tool (Battelle) was first used | Month (1-12) | Num |
| BATTELLE_EC_EVAL | Battelle: COMMUNICATION (COM) - Expressive communication (EC) raw score | 0-90 Blanks=Unknown/not collected | Num |
| BATTELLE_FM_EVAL | Battelle: MOTOR (MOT) - Fine motor (FM) raw score | 0-60 Blanks=Unknown/not collected | Num |
| BATTELLE_GM_EVAL | Battelle: MOTOR (MOT) - Gross motor (GM) raw score | 0-90 Blanks=Unknown/not collected | Num |
| BATTELLE_MOT_DQ_EVAL | Battelle: MOTOR (MOT) Development Quotient (DQ) | 55-145 Blanks=Unknown/not collected | Num |
| BATTELLE_PC_EVAL | Battelle: COGNITIVE (COG) - Perception and Concepts (PC) raw score | 0-80 Blanks=Unknown/not collected | Num |
| BATTELLE_PI_EVAL | Battelle: PERSONAL-SOCIAL (P-S) - Peer Interaction (PI) raw score | 0-50 Blanks=Unknown/not collected | Num |

Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|---|---|--------|
| BATTELLE_PM_EVAL | Battelle: MOTOR (MOT) - Perceptual motor (PM) raw score | 0-50 Blanks=Unknown/not collected | Num |
| BATTELLE_PR_EVAL | Battelle: ADAPTIVE (ADP) - Personal Responsibility (PR) raw score | 0-50 Blanks=Unknown/not collected | Num |
| BATTELLE_PS_DQ_EVAL | Battelle: PERSONAL-SOCIAL (P-S) Development Quotient (DQ) | 55-145 Blanks=Unknown/not collected | Num |
| BATTELLE_RA_EVAL | Battelle: COGNITIVE (COG) - Reasoning and Academic Skills (RA) raw score | 0-70 Blanks=Unknown/not collected | Num |
| BATTELLE_RC_EVAL | Battelle: COMMUNICATION (COM) - Receptive communication (RC) raw score | 0-80 Blanks=Unknown/not collected | Num |
| BATTELLE_SC_EVAL | Battelle: ADAPTIVE (ADP) - Self-Care (SC) raw score | 0-70 Blanks=Unknown/not collected | Num |
| BATTELLE_SR_EVAL | Battelle: PERSONAL-SOCIAL (P-S) - Self-Concept and Social Role (SR) raw score | 0-90 Blanks=Unknown/not collected | Num |
| BLOOD_LEAD_EI | Child's blood lead levels measured 15 micrograms/dl? | 0=No 1=Yes 9=Unknown | Num |
| CNS_ABNORMAL_EI | Suspected central nervous system abnormality? | 0=No 1=Yes 9=Unknown | Num |
| DiagnosisID_EI | First ICD Medical diagnosis at evaluation | EI diagnoses codes that correspond to Valid ICD9 or ICD10 codes | Num |
| DV_EI | Domestic violence in the home? | 0=No 1=Yes 9=Unknown | Num |

**Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)**

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|--|--------|
| ELIGIBILITY_TYPE_EI | Eligibility category | 0=Ineligible 1=Established Conditions 2=Established Delays 3=At Risk Conditions 4=Est Cond/Est Delay 5=Est Cond/At Risk 6=Est Delay/At Risk 7=All 3 8=Clinical judgment 99=Undetermined (missing DOB/DOE) | Num |
| EVALUATIONNO_EI | Evaluation number | Integer | Num |
| FAMILY_ADULTS_EI | # of parent(s)/caregiver(s) in the household No longer collected since 2017 | Integer | Num |
| FAMILY_CHILDREN_EI | # of children in the household No longer collected since 2017 | Integer | Num |
| FEEDING_DIFFICULTY_EI | Does this child have chronic feeding difficulties? | 0=No 1=Yes 9=Unknown | Num |
| FIRST_DATE_EI | 1st date when the child received actual therapeutic service | Date Proxy – count of days between first service date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| FIRST_YEAR_EI | Year when the child received actual therapeutic service | YYYY | Num |
| FIRST_MONTH_EI | Month when the child received actual therapeutic service | Month (1-12) | Num |
| GESTATIONAL_AGE_EI | Child's gestational age | Integer | Num |

Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|---|--------|
| HOMELESSNESS_EI | Do any of the following conditions exist in the Biological or Primary Family? Homelessness? No longer collected since 2017 | 0=No 1=Yes 9=Unknown | Num |
| HOSP_EI | Was child hospitalized for more than 25 days during a 6-month period of time? | 0=No 1=Yes 9=Unknown | Num |
| HV_BABYSITTER | Location of home visit: Babysitter's home No longer collected since 2017 | 0=No 1=Yes | Num |
| HV_CHILD_CARE_CENTER | Location of home visit: Child care center No longer collected since 2017 | 0=No 1=Yes | Num |
| HV_FAMILY_DAY_CARE | Location of home visit: Family day care center No longer collected since 2017 | 0=No 1=Yes | Num |
| HV_HOME | Location of home visit: Home No longer collected since 2017 | 0=No 1=Yes | Num |
| HV_OTHER_FAMILY_HOME | Location of home visit: Other family member's home No longer collected since 2017 | 0=No 1=Yes | Num |
| IFSP_DATE | Individual Family Service Plan (IFSP) signature date | Date Proxy – count of days between IFSP date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| IFSP_YEAR | Year Individual Family Service Plan (IFSP) signature | YYYY | Num |
| IFSP_MONTH | Month Individual Family Service Plan (IFSP) signature | Month (1-12) | Num |
| INCOME_EI | Annual gross family income No longer collected since 2017 | Integer | Num |

Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|---|--------|
| Poverty_Level_EI | Poverty level New starting 2017 | 1 - less than 300% 2 - 300 to 399% 3 - 400 to 499% 4 - 500 to 599% 5 - 600 to 699% 6 - 700% or more 7 -Family Refused 9 -Unknown | Num |
| INSECURE_ATTACHMENT_EI | Does this child experience insecure attachment/interactional difficulty? No longer collected since 2017 | 0=No 1=Yes 9=Unknown | Num |
| IUGR_SGA | Was child diagnosed at birth with IUGR or SGA? | 0=No 1=Yes 9=Unknown | Num |
| LACKING_GOODS_EI | Family lacking adequate food and clothing | 0=No 1=Yes 9=Unknown | Num |
| LACKING_SUPPORT_EI | Family lacking social supports? | 0=No 1=Yes 9=Unknown | Num |
| MOM_AGE_EI | Biological mother's age at delivery No longer collected since 2017 | Age in years 999=Unknown | Num |
| MOM_EDU_EI | Biological mother's years of formal education | Integer 99, Blanks= Unknown | Num |
| MOM_PARITY_EI | Has the biological mother had 3 or more children before the age of 20? | 0=No 1=Yes 9=Unknown | Num |
| MULTIPLE_TRAUMA_EI | Multiple trauma/losses experienced by the child? | 0=No 1=Yes 9=Unknown | Num |
| NICU_DAYS_EI | # of days this child was in the NICU (if answered "Yes" to NICU Stay) | Integer 888=N/A | Num |
| NICU_EI | Was child in the NICU? | 0=No 1=Yes 9=Unknown | Num |

**Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)**

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|---|--------|
| NOTIFIED_DATE_EI | Date Notified if Eligible or Ineligible | Date Proxy – count of days between notification date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| NOTIFIED_YEAR_EI | Year Notified if Eligible or Ineligible | YYYY | Num |
| NOTIFIED_MONTH_EI | Month Notified if Eligible or Ineligible | Month (1-12) | Num |
| PARENT_CONDITION_EI | Parental chronic illness or disability? | 0=No 1=Yes 9=Unknown | Num |
| PRIMARY_SETTING_EI | Primary setting | 1=Home setting 2=Community-based setting 3=Hospital setting 4=Residential treatment center setting 5=Other setting | Num |
| PROTECTIVE_SERVICES_EI | Open/confirmed protective service investigation | 0=No 1=Yes 9=Unknown | Num |
| SMALL_SIZE_EI | Is this child's weight, weight for height or height for age less than the 5th percentile or child's weight for age dropped 2 or more major centiles? | 0=No 1=Yes 9=Unknown | Num |
| SUBSTANCE_ABUSE_EI | Substance abuse in the home? | 0=No 1=Yes 9=Unknown | Num |
| SUBSTANCE_EXPOSED_EI | Dx of SEN New Starting with 2018 birth cohort | 0=No 1=Yes 9=Unknown | Num |
| SEN_OR_NAS_SIBLING_EI | Sibling with Dx of SEN or NAS New Starting with 2018 birth cohort | 0=No 1=Yes 9=Unknown | Num |

**Early Intervention Evaluation
Analytic Data Dictionary
(PHDEI.EI_EVALUATION)**

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

Fetal Deaths - Registry of Vital Records and Statistics (PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_FD | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| ALC_DURING_FD | Any alcohol consumption during pregnancy? | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| ALC_NUM_FD_TRI1 | # of drinks first 3 mos of pregnancy | <p># of drinks</p> <p>99=Unknown</p> <p>Blank=N/A (MF Record)</p> | Num |
| ALC_NUM_FD_TRI2 | # of drinks second 3 mos of pregnancy | <p># of drinks</p> <p>99=Unknown</p> <p>Blank=N/A (MF Record)</p> | Num |

Registry of Vital Records and Statistics Fetal Death File

Analytic Data Dictionary (PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------------|---|---|--------|
| ALC_NUM_FD_TRI3 | # of drinks third trimester of pregnancy | # of drinks 99=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_ANENCEPHALY_FD | Congenital anomalies - Anencephaly | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHD_CYANOTIC_FD | Congenital anomalies - Cyanotic congenital heart disease | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHROM_DIS_CONFIRMED_FD | Congenital anomalies - suspected chromosomal disorder: Karyotype confirmed (chromosomal disorder) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHROM_DIS_PENDING_FD | Congenital anomalies - suspected chromosomal disorder: Karyotype pending (chromosomal disorder) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CHROM_DISORDER_FD | Congenital anomalies - Suspected chromosomal disorder | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CLEFT_FD | Congenital anomalies - Cleft lip with or without cleft palate | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_CLEFT_PALATE | Congenital anomalies - Cleft palate alone | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_DIAPHRAGMATIC_HERNIA_FD | Congenital anomalies - Congenital diaphragmatic hernia | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_DOWN_CONFIRMED_FD | Congenital anomalies - Down syndrome: Karyotype confirmed | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_DOWN_FD | Congenital anomalies - Down syndrome | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------|--|---|--------|
| ANOMALY_DOWN_PENDING_FD | Congenital anomalies - Down syndrome: Karyotype pending | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_GASTRO_FD | Congenital anomalies - Gastroschisis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_HYPO_FD | Congenital anomalies - Hypospadias | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_LIMB_REDUCTION_FD | Congenital anomalies - Limb reduction defect (excluding dwarfing syndrome) | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_MENI_SB_FD | Congenital anomalies - Meningomyelocele/Spina bifida | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_NONE_FD | Congenital anomalies - None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ANOMALY_OMPH_FD | Congenital anomalies - Omphalocele | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ATTENDANT_TITLE_FD | Attendant title | 1=MD 2=DO 3=CNM/CM 4=Other Midwife 5=Other (specify) 9=Unknown | Num |
| AUTOP_FD | Was an autopsy performed? | 0=No 1=Yes 3=Planned Blank = MF record that wasn't Yes or No (planned was not an option) | Num |

Registry of Vital Records and Statistics Fetal Death File

Analytic Data Dictionary (PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|---|---|--------|
| AUTOP_USED_FD | VIP: Were autopsy or histological placental examination results used in determining the cause of fetal death? MF: Were findings available prior to cause | 0=No 1=Yes 8=Not applicable | Num |
| BIRTH_ORDER_FD | Birth Order | 1=first born 2=second born 3=third born 4=fourth born 8=N/A (not a multiple birth) 9=unknown | Num |
| CENSUS_IND_FD | Bureau of census industry code (mother) | 4 digit bureau of census industry code | Num |
| CENSUS_OCC_FD | Bureau of census occupation code (mother) | 4 digit bureau of census industry code | Num |
| CERT_TITLE_FD | Certifier title | 1=MD 2=DO 3=ME 5=NP (not available on MF records) 9=Unknown | Num |
| CIG_DURING_PREG_FD | Any tobacco use during pregnancy? | 0=No 1=Yes 9= Unknown | Num |
| CIG_NUM_FD_TRI1 | # of cigarettes smoked first 3 mos of pregnancy | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| CIG_NUM_FD_TRI2 | # of cigarettes smoked second 3 mos of pregnancy | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| CIG_NUM_FD_TRI3 | # of cigarettes smoked third trimester of pregnancy | 0-98 99=Unknown Blank=N/A (MF Record) | Num |
| DEATH_BDA_LABOR | When did baby die? | 1=Before 2=During 3=After 9=Unknown | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|---|--------|
| DELIV_METHOD_FD | Delivery method | 1=Vaginal/spontaneous 2=Vaginal/forceps 3=Vaginal/vacuum 4=Cesarean 9=Unknown Blank=N/A (MF Record) | Num |
| DELIVERY_WEIGHT | Delivery weight | 350 grams or greater 9999=unknown | Num |
| FACILITY_ID_FD | Facility Number | 4 digit number 0000-9999 | Char |
| FACILITY_TYPE_FD | Place Where Delivery Occurred | 1=Hospital 2=Clinic/Doctor's Office 3=Freestanding birthing center 4=Planned Home Delivery 5=Unplanned Home Delivery 6=Other 7= home delivery (unknown if planned) option is only for MF 9=Unknown | Num |
| FATHER_RACE_FD | Single race/Hispanic ethnicity for father Not available for Mainframe records for 2011-2014 | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| FERT_AI_FD | Artificial insemination | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_ART_FD | Assisted Reproductive Technology | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_DRUG_FD | Fertility-enhancing drugs | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_EGG_FD | Anonymous egg donor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|--|--------|
| FERT_FD | Pregnancy resulted from infertility treatment | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_IUI_FD | Intrauterine insemination | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_NONE_FD | Birth Trends and Technologies-None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_OTHER_FD | Other medical treatment | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_SPERM_FD | Anonymous sperm donor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FERT_SURROGATE_FD | Surrogacy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| FETAL_DEATH_DATE | Date of fetal death | Date Proxy – count of days between fetal death date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| FETAL_DEATH_LINK_ID | Project specific ID that links a woman and all fetuses lost on the same date | 4-8 digit numeric ID | Num |
| FETAL_DEATH_MONTH | Month of fetal death | Months, 1-12 | Num |
| FETAL_DEATH_YEAR | Year of fetal death | Years (YYYY) | Num |
| FETAL_PRESENTATION_FD | Fetal presentation at delivery | 1=Cephalic 2=Breech 3=Other Blank = N/A (MF record) | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--------|
| FIRST_PRENATAL_DATE_FD | Date of first prenatal care visit | Date Proxy – count of days between date of first prenatal care visit and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| FIRST_PRENATAL_MONTH_FD | Month of first prenatal care visit | Months, 1-12 99=Missing | Num |
| FIRST_PRENATAL_YEAR_FD | Year of first prenatal care visit | Years (YYYY) 9999=Missing | Num |
| FOREIGN_BORN_FD | Mother's country of birth | 0=US born 1=Foreign born 9=Unknown | Num |
| GESTATIONAL_AGE_FD | VIP: Obstetric Estimate of Gestation at Delivery MF: Calculated gestational weeks | Age in weeks (20 or more) 99.99=unknown | Num |
| HIST_PLAC_EXAM | Was a histological placental examination performed? | 0=No 1=Yes 2=Planned Blank = N/A (MF record) | Num |
| HOME_BIRTH_PLANNED_FD | Place Where Delivery Occurred: Home Delivery--Planned Home Delivery? | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_ABRUPTIO | Initiating Cause/Condition: Abruption placenta | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_CHOR | Initiating Cause/Condition: Chorioamnionitis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_CORD | Initiating Cause/Condition: Prolapsed Cord | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_FETAL_ANOM | Initiating Cause/Condition: Fetal Anomaly | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--------|
| ICC_FETAL_INFECT | Initiating Cause/Condition: Fetal Infection | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_FETAL_INJ | Initiating Cause/Condition: Fetal Injury | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_MAT_COND | Initiating Cause/Condition: Maternal Condition/Disease | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_OTH_COMPLICATION | Initiating Cause/Condition: Other Obstetrical or Pregnancy Complications | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_OTH_CONDITION | Initiating Cause/Condition: Other Fetal Conditions/Disorders | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_OTHER | Initiating Cause/Condition: Complications Other | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_OTHER_SP | Initiating Cause/Condition: Complications Other specify | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_PLAC_INSUFF | Initiating Cause/Condition: Placental insufficiency | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC RUPTURE PRIOR LABOR | Initiating Cause/Condition: Rupture of membranes prior to onset of labor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| ICC_UNKNOWN | Initiating Cause/Conditions: Unknown | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| INC_CODE_FD | City/town of fetal death | 1-351 999=Unknown | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|--|--------|
| INC_ZIP_FD | Birth facility zip code | 5 digit zip code 99999=Unknown Blank = N/A (MF record) | Char |
| KOTELCHUCK_FD | Adequacy of Prenatal Care Utilization Index | 0=Missing/Unknown 1= Inadequate 2= Intermediate 3= Adequate 4=Intensive | Num |
| LAD_COMP_HYS | Labor & Delivery complications - Unplanned hysterectomy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP_ICU | Complications of labor & delivery - Admission to intensive care unit | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP_MAT_TRANSFUSE | Complications of labor & delivery - Maternal transfusion | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP_NONE_FD | Maternal Morbidity-None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP_OR | Labor & Delivery complications - Unplanned operating room procedure following delivery | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAD_COMP RUPT UTERUS | Labor & Delivery complications - Ruptured uterus | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| LAST_MENSES_DATE_FD | Date of last menses | Date Proxy – count of days between date of last menses and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| LAST_MENSES_MONTH_FD | Month of last menses | Months, 1-12 99=Missing | Num |
| LAST_MENSES_YEAR_FD | Year of last menses | Years (YYYY) 9999=Missing | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---|---|--------|
| MARITAL_FD | Mother's Marital Status | 1=Married 2=Not married 9=Unknown | Num |
| MATINF_CHLAM_FD | Maternal infection - Chlamydia | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_CMV | Maternal infection - Cytomegalovirus | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_GON_FD | Maternal infections - Gonorrhea | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_GRB_STREP | Maternal infections - Group B Streptococcus | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_LISTERIA | Maternal infections - Listeria | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_NONE_FD | Infections-None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_OTHER | Maternal infections - other | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_PARO | Maternal infections - Parvovirus | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_SYPH_FD | Maternal infections - Syphilis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATINF_TOXOPLAS | Maternal infections - Toxoplasmosis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File

Analytic Data Dictionary (PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|---|--------|
| MATRISK_C_SEC_FD | Maternal risk factors - Previous cesarean delivery | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_C_SEC_NUM_FD | Maternal risk factors - If previous cesarean, how many? | Count 99=Unknown 88 = Not applicable Blank=N/A (MF Record) | Num |
| MATRISK_DIABETES_G_FD | Maternal risk factors -Gestational diabetes | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_DIABETES_P_FD | Maternal risk factors -Diabetes, prepregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_E_FD | Maternal risk factors -Hypertension, eclampsia | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_G_FD | Maternal risk factors -Hypertension, gestational | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_HYPER_P_FD | Maternal risk factors -Hypertension, prepregnancy | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_NONE_FD | Risk Factors-None of the above | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MATRISK_PREV_PRETERM_FD | Maternal Risk Factors - Previous preterm birth | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_AGE_FD | Mother Calculated Age | Age in years | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|--|--------|
| MOTHER_EDU_FD | Highest level of maternal education | 1=No HS degree 2=HS degree or GED 3=Associate or Bachelor degree 4=Post graduate 5=Other 8=Refused 9=Unknown/Unobtainable | Num |
| MOTHER_HEIGHT_FD | Mother's Height (ft) | 1-8 9=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_HEIGHT_IN_FD | Mother's Height (in) | 00-11 99=Unknown Blank=N/A (MF Record) | Num |
| MOTHER_RACE_FD | Single race/Hispanic ethnicity for MOTHER | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| MOTHER_TRANSFER | Was mother transferred for maternal medical or fetal indications for delivery? | 0=No 1=Yes 9=Missing | Num |
| MOTHER_WEIGHT_NOW_FD | Mother's Weight at Delivery | Weight in pounds Blank=N/A (MF Record) | Num |
| MOTHER_WEIGHT_PRIOR_FD | Mother's Prepregnancy Weight | Weight in pounds Blank=N/A (MF Record) | Num |
| NAICS_FD | North American Industry Classification System | 6 digit North American Industry code | Char |
| NAICS_YEAR_FD | Coding year for NAICS | 4 digit year | Num |
| OSCC_ABRUPTIO | Other Significant Causes or Conditions: Abruption placenta | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_CHOR | Other Significant Causes or Conditions: Chorioamnionitis | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_CORD | Other Significant Causes or Conditions: Prolapsed Cord | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File

Analytic Data Dictionary (PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|--|---|--------|
| OSCC_FETAL_ANOM | Other Significant Causes or Conditions: Fetal Anomaly | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_FETAL_CONDITION | Other Significant Causes or Conditions: Other Fetal Conditions/Disorders | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_FETAL_INFECT | Other Significant Causes or Conditions: Fetal Infection | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_FETAL_INJ | Other Significant Causes or Conditions: Fetal Injury | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_MATERNAL_CONDITION | Other Significant Causes or Conditions: Maternal Conditions/Diseases | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_OTHER | Other Significant Causes or Conditions: Other | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_OTHER_COMPLICATION | Other Significant Causes or Conditions: Other Obstetrical or Pregnancy Complications | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_OTHER_SP | Other Significant Causes or Conditions: Other Specify | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_PLAC_INSUFF | Other Significant Causes or Conditions: Placental insufficiency | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC RUPTURE_PRIOR_LABOR | Other Significant Causes or Conditions: Rupture of membranes prior to onset of labor | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |
| OSCC_UNK | Other Significant Causes or Conditions: Unknown | 0=No 1=Yes 9=Unknown Blank=N/A (MF Record) | Num |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|--|--------|
| OTHER_OUTCOME_NUM_FD | Number of other pregnancy outcomes | Count 99=Unknown Blank=N/A (MF Record) | Num |
| PLACE_FD | Type of place where fetal death occurred | 1=Inpatient 2=Emergency room 3=Dead on arrival 5=Residence 6=Other Blank = N/A (VIP record) (2015 and later) | Num |
| PLURALITY_FD | Plurality | 1=Single 2=Twin 3=Triplet + 9=Unknown | Num |
| PRENATAL_CARE_COUNT_FD | Total # of prenatal care visits | Integer 99=Unknown | Num |
| PRENATAL_PAY_FD | PNC Insurance | 1=Public 2=Private 3=Other 9=Unknown Blank = N/A (MF record) (2011-2014) | Num |
| PREVIOUS_LIVE_DEAD_FD | # of previous live births: now dead | Integer 99=Unknown | Num |
| PREVIOUS_LIVE_LIVING_FD | # of previous live births: now living | Integer 99=Unknown | Num |
| REF_ME_FD | Was case referred to ME? | 0=No 1=Yes 9=Missing | Num |
| RES_CODE_FD | Residence of Mother: City | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_FD | Residence of Mother: Zip Code | 5 digit zip code 99999=Unknown | Char |
| SEX_FD | Sex | 1=Male 2=Female 9=Unknown or undetermined | Num |
| SOC_FD | SOC code | XX-XXXX | Char |
| UC01_FD | immediate cause of death | Valid ICD-10 code | Char |
| UC02_FD | other cause of death 1 | Valid ICD-10 code | Char |

Registry of Vital Records and Statistics Fetal Death File
Analytic Data Dictionary
(PHDFETAL.FETALDEATH)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--------------------------|--|--------|
| UC03_FD | other cause of death 2 | Valid ICD-10 code | Char |
| UC04_FD | other cause of death 3 | Valid ICD-10 code | Char |
| UC05_FD | other cause of death 4 | Valid ICD-10 code | Char |
| UC06_FD | other cause of death 5 | Valid ICD-10 code Note that MF only includes 4 other causes | Char |
| UC07_FD | other cause of death 6 | Valid ICD-10 code Note that MF only includes 4 other causes | Char |
| UC08_FD | other cause of death 7 | Valid ICD-10 code Note that MF only includes 4 other causes | Char |
| WIC_FD | Did mother get WIC food? | 0=No 1=Yes 9=Unknown/refused Blank=N/A (MF Record) | Num |

Note: MF Record- mainframe record

House of Correction (HOC)

Analytic Data Dictionary

(PHDHOC.HOC)

House of Correction (PHDHOC.HOC)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---------------------------------------|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_HOC | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and zip code. These candidates are included for completeness</p> | Num |
| AGE_HOC | Age in years at time of release | <p>Age in years</p> <p>Note: if missing, calculated age was not possible or birthdate was missing</p> | Num |
| SEX_HOC | Sex | <p>1=Male</p> <p>2=Female</p> <p>9=Other or unknown</p> | Num |
| RES_ZIP_HOC | Zip code of most recent residence | <p>5 digit zip code</p> <p>99999=Unknown</p> | Char |
| ADMIT_DATE_HOC | Admission date for this incarceration | <p>Date Proxy: Count of days between admission date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| RELEASE_DATE_HOC | Release date | <p>Date Proxy: Count of days between release date and a random date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |

House of Correction (HOC)
Analytic Data Dictionary
(PHDHOC.HOC)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|--|--------|
| COUNTY_HOC | County | 1=Barnstable 2=Berkshire 3=Bristol 4=Dukes 5=Essex 6=Franklin 7=Hampden 8=Hampshire 9=Middlesex 10=Norfolk 11=Plymouth 12=Suffolk 13=Worcester | Num |
| ADJ_STATUS_HOC | Adjudication status | 1=Pre-trial 2=Sentenced 3=Safekeep 4= Civil commit 5= Federal hold Note: If missing, adjudication status was unknown | Num |
| RACE_HOC | Race/Hispanic Ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| ADMIT_YEAR_HOC | Year of admission for this incarceration | Years, YYYY format | Num |
| ADMIT_MONTH_HOC | Month of admission for this incarceration | Months, 1-12 | Num |
| RELEASE_YEAR_HOC | Year of release for this incarceration | Years, YYYY format | Num |
| RELEASE_MONTH_HOC | Month of release for this incarceration | Months, 1-12 | Num |
| DOC_flag | Flag for hold for Department of Corrections | 1= yes | num |

House of Correction (HOC)
Analytic Data Dictionary
(PHDHOC.HOC)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|-----------|--------|
| Weekender_HOC | Flag for inmates with “weekender” designation i.e., they are only incarcerated on weekends (used for low level crimes) | 1= yes | num |

OEND_Enrollments_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Enrollments

PHDZIP.OEND_Enrollments

OEND_Enrollments by Town (PHDTOWN.OEND_Enrollments)

OEND Enrollments by Zip (PHDZIP.OEND_Enrollments)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|--|--|
| RES_CODE OR ZIP CODE | City/town of residence or zip code of residence | 1 -351 = valid MA city/town 999 = missing/unknown/invalid If zip code- 5 digit zip code 99999 = missing/unknown/invalid | Num for res_code Char for zipcode |
| DOSES | Indicates the number of doses distributed | | Num |
| NUMBER_KITS_DISTRIBUTED | Indicates the number of kits distributed | This is calculated by doses/2 | Num |
| TOTAL | Total enrollments | Count of all enrollments | Num |
| YEAR_ENROLLMENT | Year when the individual first enrolled in the program | Jan 2011 to Nov 2020 | Num |
| FEMALE | Indicates whether gender is female | Count of females | Num |
| MALE | Indicates whether gender is male | Count of males | Num |
| OTHGENDER | Indicates whether gender is other | Count of other gender | Num |
| UNKGENDER | Indicates whether gender is unknown | Count of unknown gender | Num |
| MEANAGE | Mean Age at enrollment | In years | Num |
| MEDIANAGE | Median Age at enrollment | In years | Num |
| NON_USER | Indicates whether User Status is non-user | Count of non-users | Num |
| USER | Indicates whether User Status is user | Count of users | Num |
| AGES1159 | Indicates whether Age is 11-59 (newer age group for women of reproductive age) | Count of individuals ages 11-59 | Num |
| AGES1549 | Indicates whether Age is Ages 15-49(women of reproductive age) | Count of individuals ages 15-49 | Num |
| AGES1524 | Indicates whether Age is 15-24 | Count of individuals ages 15-24 | Num |

OEND_Enrollments_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Enrollments

PHDZIP.OEND_Enrollments

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|---|--------|
| AGES2534 | Indicates whether Age is 25-34 | Count of individuals ages 25-34 | Num |
| AGES3544 | Indicates whether Age is 35-44 | Count of individuals ages 35-44 | Num |
| AGES4554 | Indicates whether Age is 45-54 | Count of individuals ages 45-54 | Num |
| AGES5564 | Indicates whether Age is 55-64 | Count of individuals ages 55-64 | Num |
| OVER65 | Indicates whether Age is 65 and older | Count of individuals ages 65 plus | Num |
| WNH | Indicates whether race is White non-Hispanic | Count of individuals reporting White | Num |
| BNH | Indicates whether race is Black/African American non-Hispanic | Count of individuals reporting Black/African American | Num |
| HISPANIC | Indicates whether ethnicity is Latino | Count of individuals reporting Latino/Hispanic | Num |
| AMERINDIANNH | Indicates whether race is American Indian non-Hispanic | Count of individuals reporting American Indian | Num |
| APHNH | Indicates whether race is Asian or Hawaiian/Pacific Islander non-Hispanic | Count of individuals reporting Asian or Hawaiian/Pacific Islander | Num |
| MISSINGRACE | Indicates whether race is missing | Count of missing race | Num |
| MULTINH | Indicates whether race is Multi-Racial | Count of individuals reporting Multi-Racial | Num |
| OTHERNH | Indicates whether race is Other non-Hispanic | Count of individuals reporting Other Non-Hispanic | Num |

OEND_Refills_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Refills

PHDZIP.OEND_Refills

OEND_Refills by Town (PHDTOWN.OEND_Refills)

OEND Refills by Zip (PHDZIP.OEND_Refills)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|--|--|
| RES_CODE OR ZIP CODE | City/town of residence or zip code of residence | 1 -351 = valid MA city/town 999 = missing/unknown/invalid If zip code- 5 digit zip code 99999 = missing/unknown/invalid | Num for res_code Char for zipcode |
| DOSES | Indicates the number of doses distributed | | Num |
| NUMBER_KITS_DISTRIBUTED | Indicates the number of kits distributed | This is calculated by doses/2 | Num |
| TOTAL | Total refills | Count of all refills | Num |
| YEAR_ENCOUNTER | Year of encounter | Jan 2011 to Nov 2020 | Num |
| FEMALE | Indicates whether gender is female | Count of females | Num |
| MALE | Indicates whether gender is male | Count of males | Num |
| OTHGENDER | Indicates whether gender is other | Count of other gender | Num |
| UNKGENDER | Indicates whether gender is unknown | Count of unknown gender | Num |
| MEANAGE | Mean Age at refill | In years | Num |
| MEDIANAGE | Median Age at refill | In years | Num |
| NON_USER | Indicates whether User Status is non-user | Count of non-users | Num |
| USER | Indicates whether User Status is user | Count of users | Num |
| AGES1159 | Indicates whether Age is 11-59 (newer age group for women of reproductive age) | Count of individuals ages 11-59 | Num |
| AGES1549 | Indicates whether Age is Ages 15-49(women of reproductive age) | Count of individuals ages 15-49 | Num |
| AGES1524 | Indicates whether Age is 15-24 | Count of individuals ages 15-24 | Num |
| AGES2534 | Indicates whether Age is 25-34 | Count of individuals ages 25-34 | Num |

OEND_Refills_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Refills

PHDZIP.OEND_Refills

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|--|--------|
| AGES3544 | Indicates whether Age is 35-44 | Count of individuals ages 35-44 | Num |
| AGES4554 | Indicates whether Age is 45-54 | Count of individuals ages 45-54 | Num |
| AGES5564 | Indicates whether Age is 55-64 | Count of individuals ages 55-64 | Num |
| OVER65 | Indicates whether Age is 65 and older | Count of individuals ages 65 plus | Num |
| WNNH | Indicates whether race is White non-Hispanic | Count of individuals reporting White non-Hispanic | Num |
| BNH | Indicates whether race is Black/African American non-Hispanic | Count of individuals reporting Black/African American non-Hispanic | Num |
| HISPANIC | Indicates whether ethnicity is Latino | Count of individuals reporting Latino/Hispanic | Num |
| AMERINDIANNH | Indicates whether race is American Indian non-Hispanic | Count of individuals reporting American Indian non-Hispanic | Num |
| APHNNH | Indicates whether race is Asian or Hawaiian/Pacific Islander non-Hispanic | Count of individuals reporting Asian or Hawaiian/Pacific Islander non-Hispanic | Num |
| MISSINGRACE | Indicates whether race is missing | Count of missing race | Num |
| MULTINH | Indicates whether race is Multi-Racial | Count of individuals reporting Multi-Racial | Num |
| OTHERNH | Indicates whether race is Other non-Hispanic | Count of individuals reporting Other Non-Hispanic | Num |

OEND_Rescues_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Rescues

PHDZIP.OEND_RESCUESZIPRESIDENCE

OEND Rescues by Town (PHDTOWN.OEND_Rescues)

OEND Rescues by Zip (PHDZIP.OEND_RESCUESZIPRESIDENCE)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|---|--|
| RES_CODE OR ZIP CODE | City/town of residence or zip code of residence | 1 -351 = valid MA city/town 999 = missing/unknown/invalid If zip code- 5 digit zip code | Num for res_code Char for zipcode |
| DOSES | Indicates the number of doses distributed | | Num |
| NUMBER_KITS_DISTRIBUTED | Indicates the number of kits distributed | This is calculated by doses/2 | Num |
| TOTAL | Total rescues | Count of all rescues | Num |
| YEAR_ENCOUNTER | Year of encounter | Jan 2011 to Nov 2020 | Num |
| FEMALE | Indicates whether gender is female | Count of females | Num |
| MALE | Indicates whether gender is male | Count of males | Num |
| OTHGENDER | Indicates whether gender is other | Count of other gender | Num |
| UNKGENDER | Indicates whether gender is unknown | Count of unknown gender | Num |
| MEANAGE | Mean Age | In years | Num |
| MEDIANAGE | Median Age | In years | Num |
| NON_USER | Indicates whether User Status is non-user | Count of non-users | Num |
| USER | Indicates whether User Status is user | Count of users | Num |
| AGES1159 | Indicates whether Age is 11-59 (newer age group for women of reproductive age) | Count of individuals ages 11-59 | Num |
| AGES1549 | Indicates whether Age is Ages 15-49(women of reproductive age) | Count of individuals ages 15-49 | Num |
| AGES1524 | Indicates whether Age is 15-24 | Count of individuals ages 15-24 | Num |
| AGES2534 | Indicates whether Age is 25-34 | Count of individuals ages 25-34 | Num |

OEND_Rescues_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Rescues

PHDZIP.OEND_RESCUESZIPRESIDENCE

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|--|--------|
| AGES3544 | Indicates whether Age is 35-44 | Count of individuals ages 35-44 | Num |
| AGES4554 | Indicates whether Age is 45-54 | Count of individuals ages 45-54 | Num |
| AGES5564 | Indicates whether Age is 55-64 | Count of individuals ages 55-64 | Num |
| OVER65 | Indicates whether Age is 65 and older | Count of individuals ages 65 plus | Num |
| WNH | Indicates whether race is White non-Hispanic | Count of individuals reporting White non-Hispanic | Num |
| BNH | Indicates whether race is Black/African American non-Hispanic | Count of individuals reporting Black/African American non-Hispanic | Num |
| HISPANIC | Indicates whether ethnicity is Latino | Count of individuals reporting Latino/Hispanic | Num |
| AMERINDIANH | Indicates whether race is American Indian non-Hispanic | Count of individuals reporting American Indian non-Hispanic | Num |
| APHNH | Indicates whether race is Asian or Hawaiian/Pacific Islander non-Hispanic | Count of individuals reporting Asian or Hawaiian/Pacific Islander non-Hispanic | Num |
| MISSINGRACE | Indicates whether race is missing | Count of missing race | Num |
| MULTINH | Indicates whether race is Multi-Racial | Count of individuals reporting Multi-Racial | Num |
| OTHERNH | Indicates whether race is Other non-Hispanic | Count of individuals reporting Other Non-Hispanic | Num |
| SUCCESSFUL_RESCUE | Indicates whether the rescue was successful (Did the person live?) | Count of successful rescues | Num |
| HELP | Indicates whether help was called and/or present | Count of help called and/or present | Num |
| OVERDOSE2011 | Indicates whether there was an overdose in 2011 | Count of overdoses in 2011 | Num |
| OVERDOSE2012 | Indicates whether there was an overdose in 2012 | Count of overdoses in 2012 | Num |
| OVERDOSE2013 | Indicates whether there was an overdose in 2013 | Count of overdoses in 2013 | Num |
| OVERDOSE2014 | Indicates whether there was an overdose in 2014 | Count of overdoses in 2014 | Num |
| OVERDOSE2015 | Indicates whether there was an overdose in 2015 | Count of overdoses in 2015 | Num |

OEND_Rescues_PHD_Analytic Data Dictionary

PHDTOWN.OEND_Rescues

PHDZIP.OEND_RESCUESZIPRESIDENCE

| Variable Name | Variable Description | Meta Data | Format |
|---------------|---|----------------------------|--------|
| OVERDOSE2016 | Indicates whether there was an overdose in 2016 | Count of overdoses in 2016 | Num |
| OVERDOSE2017 | Indicates whether there was an overdose in 2017 | Count of overdoses in 2017 | Num |
| OVERDOSE2018 | Indicates whether there was an overdose in 2018 | Count of overdoses in 2018 | Num |
| OVERDOSE2019 | Indicates whether there was an overdose in 2019 | Count of overdoses in 2019 | Num |
| OVERDOSE2020 | Indicates whether there was an overdose in 2020 | Count of overdoses in 2020 | Num |

OEND_Rescues by Town Location (PHDTOWN.OEND_rescuesbylocation)

OEND Rescues by Zip (PHDZIP.OEND_rescueslocationzip)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|--|--|
| RES_CODE OR ZIP CODE | City/town of rescue or zip code of rescue | 1 -351 = valid MA city/town 999 = missing/unknown/invalid If zip code- 5 digit zip code 99999 = missing/unknown/invalid | Num for res_code Char for zipcode |
| DOSES | Indicates the number of doses distributed | | Num |
| NUMBER_KITS_DISTRIBUTED | Indicates the number of kits distributed | This is calculated by doses/2 | Num |
| TOTAL | Total rescues | Count of all rescues | Num |
| YEAR_ENCOUNTER | Year of encounter | Jan 2011 to Nov 2020 | Num |
| FEMALE | Indicates whether gender is female | Count of females | Num |
| MALE | Indicates whether gender is male | Count of males | Num |
| OTHGENDER | Indicates whether gender is other | Count of other gender | Num |
| UNKGENDER | Indicates whether gender is unknown | Count of unknown gender | Num |
| MEANAGE | Mean Age | In years | Num |
| MEDIANAGE | Median Age | In years | Num |

OEND Rescues by Town Location Analytic Data Dictionary

PHDTOWN.OEND_RESCUES_RESCUETOWN

PHDZIP.OEND_RESCUESBYZIP

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|--|--------|
| NON_USER | Indicates whether User Status is non-user | Count of non-users | Num |
| USER | Indicates whether User Status is user | Count of users | Num |
| AGES1159 | Indicates whether Age is 11-59 (newer age group for women of reproductive age) | Count of individuals ages 11-59 | Num |
| AGES1549 | Indicates whether Age is Ages 15-49(women of reproductive age) | Count of individuals ages 15-49 | Num |
| AGES1524 | Indicates whether Age is 15-24 | Count of individuals ages 15-24 | Num |
| AGES2534 | Indicates whether Age is 25-34 | Count of individuals ages 25-34 | Num |
| AGES3544 | Indicates whether Age is 35-44 | Count of individuals ages 35-44 | Num |
| AGES4554 | Indicates whether Age is 45-54 | Count of individuals ages 45-54 | Num |
| AGES5564 | Indicates whether Age is 55-64 | Count of individuals ages 55-64 | Num |
| OVER65 | Indicates whether Age is 65 and older | Count of individuals ages 65 plus | Num |
| WNH | Indicates whether race is White non-Hispanic | Count of individuals reporting White non-Hispanic | Num |
| BNH | Indicates whether race is Black/African American non-Hispanic | Count of individuals reporting Black/African American non-Hispanic | Num |
| HISPANIC | Indicates whether ethnicity is Latino | Count of individuals reporting Latino/Hispanic | Num |
| AMERINDIANNH | Indicates whether race is American Indian non-Hispanic | Count of individuals reporting American Indian non-Hispanic | Num |
| APHNH | Indicates whether race is Asian or Hawaiian/Pacific Islander non-Hispanic | Count of individuals reporting Asian or Hawaiian/Pacific Islander non-Hispanic | Num |
| MISSINGRACE | Indicates whether race is missing | Count of missing race | Num |
| MULTINH | Indicates whether race is Multi-Racial | Count of individuals reporting Multi-Racial | Num |
| OTHERNH | Indicates whether race is Other non-Hispanic | Count of individuals reporting Other Non-Hispanic | Num |

OEND Rescues by Town Location Analytic Data Dictionary

PHDTOWN.OEND_RESCUES_RESCUETOWN

PHDZIP.OEND_RESCUESBYZIP

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|-------------------------------------|--------|
| SUCCESSFUL_RESCUE | Indicates whether the rescue was successful (Did the person live?) | Count of successful rescues | Num |
| HELP | Indicates whether help was called and/or present | Count of help called and/or present | Num |
| OVERDOSE2011 | Indicates whether there was an overdose in 2011 | Count of overdoses in 2011 | Num |
| OVERDOSE2012 | Indicates whether there was an overdose in 2012 | Count of overdoses in 2012 | Num |
| OVERDOSE2013 | Indicates whether there was an overdose in 2013 | Count of overdoses in 2013 | Num |
| OVERDOSE2014 | Indicates whether there was an overdose in 2014 | Count of overdoses in 2014 | Num |
| OVERDOSE2015 | Indicates whether there was an overdose in 2015 | Count of overdoses in 2015 | Num |
| OVERDOSE2016 | Indicates whether there was an overdose in 2016 | Count of overdoses in 2016 | Num |
| OVERDOSE2017 | Indicates whether there was an overdose in 2017 | Count of overdoses in 2017 | Num |
| OVERDOSE2018 | Indicates whether there was an overdose in 2018 | Count of overdoses in 2018 | Num |
| OVERDOSE2019 | Indicates whether there was an overdose in 2019 | Count of overdoses in 2019 | Num |
| OVERDOSE2020 | Indicates whether there was an overdose in 2020 | Count of overdoses in 2020 | Num |

OEND Rescues by Town (PHDTOWN.OEND_RESCUES_RESCUETOWN)

OEND Rescues by Zip Code (PHDZIP.OEND_RESCUESBYZIP)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|--|--|
| RES_CODE OR ZIP CODE | City/town of rescue or zip code of rescue | 1 -351 = valid MA city/town 999 = missing/unknown/invalid If zip code- 5 digit zip code 99999 = missing/unknown/invalid | Num for res_code Char for zipcode |
| DOSES | Indicates the number of doses distributed | | Num |
| NUMBER_KITS_DISTRIBUTED | Indicates the number of kits distributed | This is calculated by doses/2 | Num |

OEND Rescues by Town Location Analytic Data Dictionary

PHDTOWN.OEND_RESCUES_RESCUETOWN

PHDZIP.OEND_RESCUESBYZIP

| Variable Name | Variable Description | Meta Data | Format |
|----------------|--|--|--------|
| TOTAL | Total rescues | Count of all rescues | Num |
| YEAR_ENCOUNTER | Year of encounter | Jan 2011 to Nov 2020 | Num |
| FEMALE | Indicates whether gender is female | Count of females | Num |
| MALE | Indicates whether gender is male | Count of males | Num |
| OTHGENDER | Indicates whether gender is other | Count of other gender | Num |
| UNKGENDER | Indicates whether gender is unknown | Count of unknown gender | Num |
| MEANAGE | Mean Age | In years | Num |
| MEDIANAGE | Median Age | In years | Num |
| NON_USER | Indicates whether User Status is non-user | Count of non-users | Num |
| USER | Indicates whether User Status is user | Count of users | Num |
| AGES1159 | Indicates whether Age is 11-59 (newer age group for women of reproductive age) | Count of individuals ages 11-59 | Num |
| AGES1549 | Indicates whether Age is Ages 15-49(women of reproductive age) | Count of individuals ages 15-49 | Num |
| AGES1524 | Indicates whether Age is 15-24 | Count of individuals ages 15-24 | Num |
| AGES2534 | Indicates whether Age is 25-34 | Count of individuals ages 25-34 | Num |
| AGES3544 | Indicates whether Age is 35-44 | Count of individuals ages 35-44 | Num |
| AGES4554 | Indicates whether Age is 45-54 | Count of individuals ages 45-54 | Num |
| AGES5564 | Indicates whether Age is 55-64 | Count of individuals ages 55-64 | Num |
| OVER65 | Indicates whether Age is 65 and older | Count of individuals ages 65 plus | Num |
| WNH | Indicates whether race is White non-Hispanic | Count of individuals reporting White non-Hispanic | Num |
| BNH | Indicates whether race is Black/African American non-Hispanic | Count of individuals reporting Black/African American non-Hispanic | Num |

OEND Rescues by Town Location Analytic Data Dictionary

PHDTOWN.OEND_RESCUES_RESCUETOWN

PHDZIP.OEND_RESCUESBYZIP

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|--|--------|
| HISPANIC | Indicates whether ethnicity is Latino | Count of individuals reporting Latino/Hispanic | Num |
| AMERINDIANNH | Indicates whether race is American Indian non-Hispanic | Count of individuals reporting American Indian non-Hispanic | Num |
| APHNH | Indicates whether race is Asian or Hawaiian/Pacific Islander non-Hispanic | Count of individuals reporting Asian or Hawaiian/Pacific Islander non-Hispanic | Num |
| MISSINGRACE | Indicates whether race is missing | Count of missing race | Num |
| MULTINH | Indicates whether race is Multi-Racial | Count of individuals reporting Multi-Racial | Num |
| OTHERNH | Indicates whether race is Other non-Hispanic | Count of individuals reporting Other Non-Hispanic | Num |
| SUCCESSFUL_RESCUE | Indicates whether the rescue was successful (Did the person live?) | Count of successful rescues | Num |
| HELP | Indicates whether help was called and/or present | Count of help called and/or present | Num |
| OVERDOSE2011 | Indicates whether there was an overdose in 2011 | Count of overdoses in 2011 | Num |
| OVERDOSE2012 | Indicates whether there was an overdose in 2012 | Count of overdoses in 2012 | Num |
| OVERDOSE2013 | Indicates whether there was an overdose in 2013 | Count of overdoses in 2013 | Num |
| OVERDOSE2014 | Indicates whether there was an overdose in 2014 | Count of overdoses in 2014 | Num |
| OVERDOSE2015 | Indicates whether there was an overdose in 2015 | Count of overdoses in 2015 | Num |
| OVERDOSE2016 | Indicates whether there was an overdose in 2016 | Count of overdoses in 2016 | Num |
| OVERDOSE2017 | Indicates whether there was an overdose in 2017 | Count of overdoses in 2017 | Num |
| OVERDOSE2018 | Indicates whether there was an overdose in 2018 | Count of overdoses in 2018 | Num |
| OVERDOSE2019 | Indicates whether there was an overdose in 2019 | Count of overdoses in 2019 | Num |
| OVERDOSE2020 | Indicates whether there was an overdose in 2020 | Count of overdoses in 2020 | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

Massachusetts Ambulance Trip Record Information System (PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------------------|---|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_MATRIS | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_MATRIS | <p>The patient's age (either calculated from date of birth or best approximation)</p> <p>***CHECK AGE_UNITS_MATRIS NOT ALWAYS IN YEARS***</p> | Integer (limited between 0-110 for years) | Num |
| AGE_UNITS_MATRIS | The units which the age is documented in (Hours, Days, Weeks, Months, Years) | <p>1=Minutes 2=Hours 3=Days 4=Weeks 5=Months 6=Years 9=Unknown Age Units</p> | Num |
| CHIEF_COMPLAINT1- CHIEF_COMPLAINT5 | The statement of the problem by the patient or the history provider in one or two words | free text | char |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------------------------|---|---|--------|
| DEST_TYPE_MATRIS | The type of destination the patient was delivered or transferred to | 1=Home 2=Hospital 3=Medical Office/Clinic 4=Morgue 5=Nursing Home 6=Hospice 7=Other 8=Other EMS Responder (air) 9=Other EMS Responder (ground) 10=Police/Jail 99=Not Applicable, Not Available, Not Known, Not Recorded, Not Reporting, Not Transported | Num |
| DRUG_USE_MATRIS1- DRUG_USE_MATRIS5 | Indicators for the potential use of Alcohol or Drugs by the patient. Patients can have more than one value, only one value per variable | *Please note – “drug use” can be any type of drug – it is NOT limited to opioids and we do not recommend using this variable as an indicator of Opioid Use* 1= No Apparent Alcohol/Drug Use 2=Patient Admits to Alcohol Use 3=Smell of Alcoholic Beverage on Breath/About Person 4=Patient Admits to Drug Use 5=Alcohol and/or Drug Paraphernalia at Scene 6=Patient Denies Alcohol/Drug Use 7=Patient refuses drug or alcohol test 8= Positive Level (of drug or alcohol) known from Law Enforcement or Hospital Record 9=Not Applicable, Not Available, Not Known, Not Recorded, Not Reporting (Blank) = EMS did not record any value | Num |
| EMS_SERVICE | The state-assigned provider Number of the responding agency | 4 digit code | Num |
| FENTANYL_EMS | fentanyl given by EMS | 1=Yes 0=No | Num |
| HEROIN_ORI_MATRIS | Heroin-related EMS event? | ***PLEASE NOTE THESE ARE NOT NECESSARILY OVERDOSES – this just | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|---|--|--------|
| | (please note that these are a subset of all opioid-related EMS events, i.e. where OPIOID_ORI_MATRIS = 1) | means heroin was involved and EMS responded*** 1=Yes 0=No | |
| HOMELESS_MATRIS | Indication the patient is homeless | 0=No indication of homeless 1=Homeless based on address match only 2=Homeless based on narrative only 3=Homeless based on both address and narrative | Num |
| INC_CODE_MATRIS | The city or township (if applicable) where the patient was found or to which the unit responded (or best approximation) | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| INC_DATE_MATRIS | Incident date | Date Proxy – count of days between incident date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| INC_LOC_TYPE_MATRIS | The kind of location where the incident happened | 1=Airport 2=Farm 3=Health Care Facility (clinic, hospital) 4=Home/Residence 5=Industrial Place and Premises 6=Lake, River, Ocean 7=Mine or Quarry 8=Other Location 9=Place of Recreation or Sport 10=Public Building (schools, gov, offices) 11=Residential Institution (nursing home, jail/prison) 12=Street or Highway 13=Trade or Service (Business, bars, restaurants, etc) 14=Unspecified place 99=Not Applicable, Not Available, Not Known, Not Recorded, Not Reporting, Missing | Num |
| INC_MONTH_MATRIS | Month the incident occurred | Months, 1-12 | Num |
| INC_YEAR_MATRIS | Year the incident occurred | Years, YYYY format (starts 2013) | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---|--|--------|
| INC_ZIP_MATRIS | The ZIP code of the incident location | 5 digit zip 99999=Unknown | char |
| INCARCERATED_MATRIS | Was there an indication that the person was incarcerated? | 0=No indication of incarceration 1=Incarcerated based on address match only 2=Incarcerated based on narrative only 3=Incarcerated based on both address and narrative | Num |
| MORPHINE_EMS | Was morphine given by EMS? | 0=No 1=Yes | Num |
| NARCAN_MATRIS | Final flag for incident involving naloxone administration in either the medication administered, prior aid, or narrative report fields | 1=Yes 0=No | Num |
| NARCAN_PRIOR_AID | Final flag that naloxone was administered prior to EMS arrival | 1=Yes 0=No | Num |
| OPIOID_ORI_MATRIS | Opioid-related EMS incident? Please refer to full documentation titled “V2 Data: Case Definitions for Opioid-Related Incidents in MATRIS” and “V3 Data: Case Definitions for Opioid-Related Incidents in MATRIS” below | ***PLEASE NOTE THESE ARE NOT NECESSARILY OVERDOSES – this just means an opioid was involved and EMS responded*** ***To identify only Opioid overdoses, use OPIOID_ORISUBCAT_MATRIS =2*** 1=Yes 0=No | Num |
| OPIOID_ORISUBCAT_MATRIS | Severity grouping of opioid-related EMS incident. Please refer to full documentation titled - “EMS Opioid Incidents Categorization” below When OPIOID_ORI_MATRIS=1 | 0=(variable opioid_ori_matis=0) 1=DOA of opioid 2=acute overdose 3=opioid intoxicated 4=opioid withdrawal 5=opioid implicated | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|--|--------|
| | THEN OPIOID_ORISUBCAT_MATRIS S WILL BE BETWEEN 1-5 | | |
| OTC_PAIN_EMS | Was acetaminophen or ibuprofen (advil, motrin) given by EMS? | 0=No 1=Yes | Num |
| PAYMENT_TYPE_MATRIS | The primary method of payment or type of insurance associated with this EMS encounter | 1=Insurance 2=Medicaid 3=Medicare 4=Other Government 5=Self Pay 6=Workers Comp 7=Not Billed 8=Not Applicable 9=Unknown | Num |
| PRIMARY_IMPRESSION | The EMS personnel's impression of the patient's primary problem or most significant condition which led to the management given to the patient (treatments, medications, or procedures). | Text field. See appendix for list of text values. Also can contain ICD 10 codes, which are not included in the appendix list. The ICD 10 codes do not contain decimals. | char |
| PT_DISP_MATRIS | Type of disposition treatment and/or transport of the patient. | 1=No Treatment Required 2=Obvious Signs of Death 3=Patient Refused Care 4=Treated and Released 5=Treated, Transferred Care 6=Treated, Transported by EMS 7=Treated, Transported by Law Enforcement 8=Treated, Transported by Private Vehicle 9=Not Applicable or missing | Num |
| RACE_MATRIS | The race/ethnicity of the patient | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown/missing | Num |
| RES_CODE_MATRIS | The patient's home city or township or residence | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|--|---|---|--------|
| RES_ZIP_MATRIS | The patient's home ZIP code of residence | 5 digit zip 99999=Unknown | char |
| RX_NSAID_EMS | Was Ketorolac (toradol) given by EMS? | 0=No 1=Yes | Num |
| SECOND_COMPLAINT1 - SECOND_COMPLAINT1 2 | Additional statement(s) of the problem by the patient or the history provider in one or two words | Free text | char |
| SECOND_IMPRESSION1 - SECOND_IMPRESSION1 7 | The EMS personnel's impression of the patient's secondary problem or which led to the management given to patient (treatments, medications, or procedures). | Text field. See appendix for list of text values. Also can contain ICD 10 codes, which are not included in the appendix list. The ICD 10 codes do not contain decimals. | char |
| STIMULANT1_MATRIS | Does this run have any indication of stimulant use (illicit or legal)? | 0=No 1= Any Stimulant Use Indicator (see full explanation of categories and definition in appendix below, these are Level 1) | Num |
| STIMULANT2_MATRIS | Does this run have any indication of problematic stimulant use? | 0=No 1= Problematic Stimulant Use Indicator (see full explanation of categories and definition in appendix below, these are Level 2) | Num |
| STIMULANT3_MATRIS | Was this run for an acute stimulant-related event? | 0=No 1= Acute Stimulant-Related Event (see full explanation of categories and definition in appendix below, these are Level 3) | Num |
| SEX_MATRIS | Patient's gender | 1=Male 2=Female 9=Unknown | Num |
| TYPE_REQ_MATRIS | The type of service or category of service requested of the EMS service responding for this specific EMS incident. | 1=911 Response (Scene) 2=Flagdown/Walk-in 3=Intercept 4=Mutual Aid 5=Standby 9=Missing | Num |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|--|--------|
| VA_MATRIS | Indication that the patient is a veteran | 0=No indication of VA use 1=Indication of VA use | Num |

Primary Impression

Secondary Impression

| |
|-------------------------------------|
| abdominal aortic aneurysm |
| abdominal pain/problems |
| acute abdomen |
| acute pain, not elsewhere classifie |
| airway obstruction |
| alcohol dependence with withdrawal, |
| alcohol use, unspecified |
| alcohol use, unspecified with intox |
| allergic reaction |
| altered level of consciousness |
| altered mental status |
| anaphylactic shock |
| aspiration pneumonia |
| asthma |
| back pain |
| back pain (non-traumatic) |
| behavioral / psychiatric disorder |
| behavioral/psychiatric disorder |
| bowel obstruction |
| cancer |
| cardiac arrest |
| cardiac arrhythmia/dysrhythmia |
| cardiac rhythm disturbance |
| chest pain |
| chest pain, other [non-cardiac] |
| chest pain/discomfort |
| chf (congestive heart failure) |
| chronic pain, not elsewhere classif |
| cocaine related disorders |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| |
|-------------------------------------|
| common cold. |
| copd (emphysema/chronic bronchitis) |
| copd with exacerbation |
| dehydration |
| diabetes with hyperglycemia (1); or |
| diabetic hyperglycemia |
| diabetic symptoms (hypoglycemia) |
| diarrhea |
| electrocution |
| epistaxis (non-traumatic) |
| etoh abuse |
| evaluation request |
| exposure to excessive natural cold |
| febrile seizure |
| fever |
| flank pain |
| flu like symptoms |
| foreign body in digestive system, p |
| g.i. bleed |
| general malaise |
| generalized abdominal pain |
| hallucinogen related disorders |
| head bleed |
| headache |
| heat exhaustion/stroke |
| heroin overdose |
| hypertension |
| hyperthermia |
| hypotension |
| hypothermia |
| hypovolemia/shock |
| influenza, unspecified |
| inhalant related disorders |
| inhalation injury (toxic gas) |
| injury of ankle |
| injury of face |
| injury of finger |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| |
|-------------------------------------|
| injury of foot |
| injury of forearm |
| injury of head |
| injury of knee |
| injury of lower back |
| injury of lower leg |
| injury of neck |
| injury of nose |
| injury of shoulder or upper arm |
| injury of thorax (upper chest) |
| laceration of arm |
| malaise |
| migraine |
| nausea/vomiting (unknown etiology) |
| near syncope |
| no apparent illness/injury |
| no patient complaint (adult) |
| no patient complaint (child) |
| non-specified sedative, hypnotic, o |
| not applicable |
| not available |
| not known |
| not recorded |
| not reporting |
| ob/delivery |
| obvious signs of death |
| opioid related disorders |
| other |
| other abdominal/gi problem |
| other cardiovascular problem |
| other cns problem |
| other endocrine/metabolic problem |
| other gu problems |
| other illness/injury |
| other ob/gyn |
| other reduced mobility |
| overdose of ecstasy |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| |
|-------------------------------------|
| pain |
| paraplegia |
| patient assist only |
| pneumonia, unspecified |
| pneumothorax, traumatic |
| poisoning by cannabis derivatives/s |
| poisoning by cannabis inhaled/smoke |
| poisoning/drug ingestion |
| polysubstance overdose |
| pregnancy with contractions |
| pregnancy/ob delivery |
| psychoactive substance related diso |
| pulmonary edema, acute |
| pulmonary embolism |
| respiratory arrest |
| respiratory condition due to chemic |
| respiratory disorder, unspecified |
| respiratory distress |
| respiratory distress, acute |
| seizure |
| seizures with status epilepticus |
| seizures without status epilepticus |
| sepsis |
| septicemia (1); or sepsis (2) |
| sexual assault/rape |
| smoke inhalation |
| stings/venomous bites |
| stroke |
| stroke/cva |
| substance/drug abuse |
| sudden death non-viable |
| suicidal ideations |
| suicide attempt |
| syncope and collapse |
| syncope/fainting |
| tia (transient ischemic attack) |
| toxic exposure |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

| |
|--------------------------------|
| traumatic injury |
| unconscious |
| unknown problem |
| unspecified infectious disease |
| vaginal hemorrhage |
| weakness |

Massachusetts Ambulance Trip Record Information System (MATRIS)

Analytic Data Dictionary

(PHDEMS.MATRIS)

V2 Data: Case Definitions for Opioid-Related Incidents in MATRIS

Suspected opioid-related EMS incidents (ORIs) were identified through a three stage process.

Stage 1: Defining EMS incidents included

Only EMS incidents meeting the following criteria were included in the analysis:

- In order to include only emergency responses and exclude incidents between health facilities, only EMS incidents involving 911 calls were included in the analysis.
- Remove transports where chief complaint is 'dialysis'
- Remove transports where the incident state or incident county is not in Massachusetts

Stage 2: Define EMS incidents that are not suspected opioid-related EMS incidents (ORIs)

In order to reduce false positive, an EMS incident was not classified as an ORI if it met any of the following criteria:

- Do not classify as an ORI when the EMS transport is not related to an emergency but involves transporting a patient or a Section 12. (Note: These transports are listed incorrectly as 911 responses)
 - "section 12", "sect 12", or "sec 12" (narrative, chief complaint, secondary complaint, other complaint)
 - "transport only" (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI when EMS incident is primarily related to a traffic issue/crash.
 - "traffic" (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI when the EMS incident is responding to a suspected alcohol poisonings.
 - The words "poison" occurs AND either of the following two words are present "Alcohol" and "etoh" (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI if EMS administered fentanyl unless the incidents meets inclusion category 3 or 4.

Stage 3: Prioritizing criteria

- Criteria indicates which criteria is run first (i.e., cases are selected based on Criteria 1 and then cases not selected are examined using Criteria 2)

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

Case Definition for Massachusetts EMS analysis (MATRIS)

| EMS Variable | Suspected Opioid Related Incident (ORI) – More Refined, May Differ by Service |
|--------------------------------------|---|
| DPH SAS Variable Names | dph_opioid2 |
| Chief Complaint (CC) [E09.05] | Criteria 1: Heroin, Herion, Opio, Opiat, Narcan, Nalox, Methadone, Opoid, Fentanyl, Phentanyl, or Fentanyl |
| Secondary Complaint (SC) [E09.08] | Criteria 2: Heroin, Herion, Opio, Opiat, Narcan, Nalox, Methadone, Opoid, Fentanyl, Phentanyl, or Fentanyl |
| Narrative Report (NR) [E13.01] | <p>Criteria 3: Must find one word from both lists below.</p> <ul style="list-style-type: none"> List1: Heroin, Herion List2: Overdos, OD, O.D, O/D, Drug intoxic, over dos <p>Criteria 9: Must find one word from List1 and List2 and no words from List 3</p> <ul style="list-style-type: none"> List1: Heroin, Herion List2: inject, snort, sniff, ingest, took, consum, shot, shoot, smok, swallow, intranasal, done, doing, abusing, using, used List3: deny, denies, denied PLEASE NOTE - List3 is overridden if the patient had a positive response to naloxone, i.e. a person would not be excluded if they denied use but had a positive response to naloxone <p>Criteria 10: Must find one word from both lists below.</p> <ul style="list-style-type: none"> List1: Heroin, Herion List2: needle, syringe, hypodermic, paraphernalia <p>Criteria 11: Must find one word from List1 and List2 and no words from List 3</p> <ul style="list-style-type: none"> List1: Heroin, Herion List2: today, recent List3: deny, denies, denied PLEASE NOTE - List3 is overridden if the patient had a positive response to naloxone, i.e. a person would not be excluded if they denied use but had a positive response to naloxone <p>Criteria 14: Must find one word from both lists below.</p> <ul style="list-style-type: none"> List1: Heroin, Herion List2: admit, admission <p>Criteria 15: Must find one word from both lists below.</p> |

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| | <ul style="list-style-type: none"> • List1: known ivda, known ivdu • List2: needle, syringe, hypodermic, paraphernalia <p>Criteria 16: Must find one word from each of the three lists below.</p> <ul style="list-style-type: none"> • List1: rigor, lividity, pulseless, nonviable • List2: syringe, hypodermic, paraphernalia • List3: heroin, herion, Overdos, OD, O.D, O/D, Over dos, Drug Intox |
| Administered Naloxone* + NR [E18.03, E13.01, E09.01] + [E13.01] | <p>Criteria 4: Two conditions must be met:</p> <ul style="list-style-type: none"> • Naloxone administered* and • NR contains: heroin, herion, Overdos, OD, O.D, O/D, Over dos, Drug Intox <p>Criteria 12: Two conditions must be met:</p> <ul style="list-style-type: none"> • Naloxone administered* and • NR contains: methadone, methodone, opio, opiat, opoid, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percocet, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball <p>* Naloxone administration is counted if any of the following three fields indicated naloxone:</p> <ol style="list-style-type: none"> 1. Medication administered field 2. Prior aid field 3. NR contains: Narcan or Nalox |
| NR + CC [E13.01] + [E09.05] | <p>Criteria 5: Two conditions must be met:</p> <ul style="list-style-type: none"> • NR contains: Heroin or Herion, and • CC contains one of the following: alter, ams, overdose, over dose, drug abuse, drug use, drug ingestion, od, o.d, substance use, substance abuse, sick person, unresponsive, unconscious, man down, ingestion/poisoning, breathing problem, confusion, respiratory distress, respiratory arrest, iv drug, needle <p>Criteria 8: Two conditions must be met:</p> <ul style="list-style-type: none"> • NR contains: methadone, methodone, opio, opiat, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percocet, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball • CC or NR contains: Overdos, OD, O.D, O/D, Over dos |

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| | Criteria 17: Two conditions must be met: <ul style="list-style-type: none"> NR contains: needle, syringe, hypodermic, paraphernalia CC contains: Overdos, OD, O.D, O/D, Over dos |
| Response to Naloxone + CC [E18.03 E18.07] + [E09.05] | Criteria 6 Two conditions must be met: <ul style="list-style-type: none"> Positive response to Naloxone was indicated and CC contains one of the following: alter, ams, overdose, over dose, od, o/d, o.d, aloc, change in mental, unresponsive, unconscious, change in mental, change in responsiveness |
| NR+ Primary Impression (PI) [E13.01] + [E09.15] | Criteria 13 Two conditions must be met: <ul style="list-style-type: none"> NR contains: methadone, methodone, opio, opiat, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percoset, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball and PI = “poisoning/drug ingestion” |
| NR + PI + CC [E13.01] + [E09.15] + [E09.05] | Criteria 7 Two conditions must be met: <ul style="list-style-type: none"> NR contains Narcan, Nalox and CC contains: Overdos, OD, O.D, O/D, Over dos or PI = poisoning/drug ingestion, obvious signs of death, or substance/drug abuse Criteria 18 Two conditions must be met: <ul style="list-style-type: none"> NR or CC or PI contains: cardiac, respiratory, cardioresp, arrest and NR contains: syringe, hypodermic, paraphernalia |

V3 Data: Case Definitions for Opioid-Related Incidents in MATRIS

Suspected opioid-related EMS incidents (ORIs) were identified through a three stage process.

Stage 1: Defining EMS incidents included

Only EMS incidents meeting the following criteria were included in the analysis:

- In order to include only emergency responses and exclude incidents between health facilities, only EMS incidents involving 911 calls were included in the analysis.
- Remove transports where chief complaint is ‘dialysis’
- Remove transports where the incident state or incident county is not in Massachusetts

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Stage 2: Define EMS incidents that are not suspected opioid-related EMS incidents (ORIs)

In order to reduce false positive, an EMS incident was not classified as an ORI if it met any of the following criteria:

- Do not classify as an ORI when the EMS transport is not related to an emergency but involves transporting a patient or a Section 12. (Note: These transports are listed incorrectly as 911 responses)
 - “section 12”, “sect 12”, or “sec 12” (narrative, chief complaint, secondary complaint, other complaint)
 - “transport only” (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI when EMS incident is primarily related to a traffic issue/crash.
 - “traffic” (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI when the EMS incident is responding to a suspected alcohol poisonings.
 - The words “poison” occurs AND either of the following two words are present “Alcohol” and “etoh” (chief complaint, secondary complaint, other complaint)
- Do not classify as an ORI if EMS administered fentanyl unless the incidents meets inclusion category 3 or 4.

Stage 3: Prioritizing criteria

- Criteria indicates which criteria is run first (i.e., cases are selected based on Criteria 1 and then cases not selected are examined using Criteria 2)

Case Definition for Massachusetts EMS analysis (MATRIS)

| EMS Variable | Suspected Opioid Related Incident (ORI) – More Refined, May Differ by Service |
|--|--|
| DPH SAS Variable Names | dph_opioid2 |
| Chief Complaint (CC) [eSituation.03, eSituation.04] | Criteria 1: Heroin, Herion, Opio, Opiat, Narcan, Nalox, Methadone, Opoid, Fentanyl, Phentanyl, or Fentynal |
| Secondary Complaint (SC) [eSituation.03, eSituation.04] | Criteria 2: Heroin, Herion, Opio, Opiat, Narcan, Nalox, Methadone, Opoid, Fentanyl, Phentanyl, or Fentynal |
| Narrative Report (NR) | Criteria 3: Must find one word from both lists below. <ul style="list-style-type: none"> • List1: Heroin, Herion |

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| <p>[eNarrative.01]</p> | <ul style="list-style-type: none"> • List2: Overdos, OD, O.D, O/D, Drug intoxic, over dos <p>Criteria 9: Must find one word from List1 and List2 and no words from List 3</p> <ul style="list-style-type: none"> • List1: Heroin, Herion • List2: inject, snort, sniff, ingest, took, consum, shot, shoot, smok, swallow, intranasal, done, doing, abusing, using, used • List3: deny, denies, denied • PLEASE NOTE - List3 is overridden if the patient had a positive response to naloxone, i.e. a person would not be excluded if they denied use but had a positive response to naloxone <p>Criteria 10: Must find one word from both lists below.</p> <ul style="list-style-type: none"> • List1: Heroin, Herion • List2: needle, syringe, hypodermic, paraphernalia <p>Criteria 11: Must find one word from List1 and List2 and no words from List 3</p> <ul style="list-style-type: none"> • List1: Heroin, Herion • List2: today, recent • List3: deny, denies, denied • PLEASE NOTE - List3 is overridden if the patient had a positive response to naloxone, i.e. a person would not be excluded if they denied use but had a positive response to naloxone <p>Criteria 14: Must find one word from both lists below.</p> <ul style="list-style-type: none"> • List1: Heroin, Herion • List2: admit, admission <p>Criteria 15: Must find one word from both lists below.</p> <ul style="list-style-type: none"> • List1: known ivda, known ivdu • List2: needle, syringe, hypodermic, paraphernalia <p>Criteria 16: Must find one word from each of the three lists below.</p> <ul style="list-style-type: none"> • List1: rigor, lividity, pulseless, nonviable • List2: syringe, hypodermic, paraphernalia • List3: heroin, herion, Overdos, OD, O.D, O/D, Over dos, Drug Intox |
| <p>Administered Naloxone* + NR</p> | <p>Criteria 4: Two conditions must be met:</p> |

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| | |
|--|---|
| <p>[eMedications.03, eNarrative.01, eMedications.02] + [eNarrative.01]</p> | <ul style="list-style-type: none"> Naloxone administered* and NR contains: heroin, herion, Overdos, OD, O.D, O/D, Over dos, Drug Intox <p>Criteria 12: Two conditions must be met:</p> <ul style="list-style-type: none"> Naloxone administered* and NR contains: methadone, methodone, opio, opiat, opoid, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percocet, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball <p>* Naloxone administration is counted if any of the following three fields indicated naloxone:</p> <ol style="list-style-type: none"> Medication administered field Prior aid field NR contains: Narcan or Nalox |
| <p>NR + CC</p> <p>[eNarrative.01] + [eSituation.03, eSituation.04]</p> | <p>Criteria 5: Two conditions must be met:</p> <ul style="list-style-type: none"> NR contains: Heroin or Herion, and CC contains one of the following: alter, ams, overdose, over dose, drug abuse, drug use, drug ingestion, od, o.d, substance use, substance abuse, sick person, unresponsive, unconscious, man down, ingestion/poisoning, breathing problem, confusion, respiratory distress, respiratory arrest, iv drug, needle <p>or</p> <ul style="list-style-type: none"> NR contains either rescue breath or sternal rub (both NR terms exclude on inhaler or asthma) <p>Criteria 8: Two conditions must be met:</p> <ul style="list-style-type: none"> NR contains: methadone, methodone, opio, opiat, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percocet, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball CC or NR contains: Overdos, OD, O.D, O/D, Over dos <p>Criteria 17: Two conditions must be met:</p> <ul style="list-style-type: none"> NR contains: needle, syringe, hypodermic, paraphernalia CC contains: Overdos, OD, O.D, O/D, Over dos |
| <p>Response to Naloxone + CC</p> | <p>Criteria 6 Two conditions must be met:</p> |

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| | |
|--|--|
| [eMedications.03, +eMedications.07] + [eSituation.03, eSituation.04] | <ul style="list-style-type: none"> Positive response to Naloxone was indicated and CC contains one of the following: alter, ams, overdose, over dose, od, o/d, o.d, aloc, change in mental, unresponsive, unconscious, change in mental, change in responsiveness |
| NR+ Primary Impression/ Secondary Impression (PI/SI) [eNarrative.01] + [eSituation.11, eSituation.12] | Criteria 13 Two conditions must be met: <ul style="list-style-type: none"> NR contains: methadone, methodone, opio, opiat, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percoset, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball and PI/SI = T40.1-T40.6, T40.X, T50.9, F11 (<i>ICD 10 codes for opioid poisoning/drug ingestion</i>) |
| NR + PI/SI + CC [eNarrative.01] + [eSituation.11, eSituation.12] + [eSituation.03, eSituation.04] | Criteria 7 Two conditions must be met: <ul style="list-style-type: none"> NR contains Narcan, Nalox and CC contains: Overdos, OD, O.D, O/D, Over dos or PI/SI = T40.1-T40.6, T40.X, T50.9, F11 (<i>ICD 10 codes for opioid poisoning/drug ingestion, or substance/drug abuse</i>), R99 (<i>ICD 10 code for obvious signs of death</i>) Criteria 18 Two conditions must be met: <ul style="list-style-type: none"> NR or CC contains: cardiac, respiratory, cardioresp, arrest OR PI/SI contains I21, I46, I47, I49, I50, J95, J96, J98, J80, R06, R09, R57 (<i>ICD 10 codes for cardiac, respiratory, and cardioresp conditions</i>) and NR contains: syringe, hypodermic, paraphernalia |

EMS Opioid Incidents Categorization

Documentation reviewing the 5 buckets of Opioid-Involved EMS cases in MATRIS that DPH currently tracks and reports on. Last update Sept 18, 2019

Please note – buckets are filled in a cascade. Once a case is filtered into a bucket (which are searched for in the order presented below) it is not re-examined for another bucket EXCEPT for Acute ODs that are only found by a positive response to naloxone – those can be re-categorized to Intoxicated or Withdrawal depending on symptom presentation

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1. DOA Bucket

- a. Covers opioid overdoses in which the patient is declared dead on arrival, dies before transport, or where resuscitative efforts are terminated (because the patient is non-viable)
- b. It is important to note that BLS can only declare death when there are obvious signs (such as rigor mortis or dependent lividity) or conditions inconsistent with life, so they may transport patients who would otherwise have been declared dead by another care provider (i.e. transport to a hospital does not mean the patient is still alive)
- c. Search terms:

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PT_DISPOSITION=2 (this means the patient is DOA)

OR

| |
|--|
| Narrative report contains one of the following And patient cannot have a destination_type of “Hospital” |
| Doa, d.o.a, dead on arrival |
| Time of death, determination of death, time of declaration |
| deceased |
| order(s) for (field) termination, permission to stop effort, cessation of resuscitation |
| Obvious signs of death, obvious death |
| Nonviable, non viable, non-viable |
| Medical examiner |

OR

| | |
|---|---|
| Narrative report contains one from Column A and one from Column B: And patient cannot have a destination_type of “Hospital”. | |
| Column A | Column B |
| cardiac arrest, no pulse, pulse less, pulseless, asystole, asystolic | Dead (excludes ‘dead end’) |
| cold to (the) touch | Death (excludes ‘risk(s) of refusal’, ‘refusal obtain’) |
| Apneic, apneic | |
| mottl, rigor, mortis, livid (excludes ‘no mottl’, ‘no rigor’, ‘no mortis’, ‘no livid’) | |

2. Acute Overdose Bucket

- a. Covers acute opioid overdoses, which are defined as opioid overdoses in which the patient would not likely survive on their own without intervention (whether bystander or EMS intervention).
 - i. Please note - Acute Overdoses do not necessarily survive even with intervention, and transport to hospital does not mean the patient is still alive
- b. Symptoms can include respiratory failure, loss of consciousness, blue/pale/cold skin, and cardiac failure
- c. Search terms:

If the patient gets naloxone from the EMS and has a positive improvement (please note, if this is the only identifying feature for Acute OD that is found for the patient then the patient would be regrouped to Intoxicated or Withdrawal if it meets those search terms)

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OR

If the patient has opioid intoxication symptoms (outlined in section 3) and had naloxone administered by prior aid

OR

| Narrative contains one of the following inclusion terms (and none of its corresponding exclusion terms) | |
|--|--|
| Inclusion terms | Exclusion terms |
| cardiac arrest | no cardiac arrest, not in cardiac arrest |
| no pulse, pulse less, pulseless, asystole, asystolic | not pulse less, not pulseless, not asystolic |
| apenic, apneic, agonal, aganol | not apenic, not apneic, not agonal, not aganol |
| respiratory arrest | not in respiratory arrest, no respiratory arrest |
| not breathing | |
| cyanotic, cyanosis, cynotic | not cyanotic, no cyanosis, not cynotic |
| aed | no aed, items brought on scene, items brought o/s |
| cpr, chest compression | no cpr, no chest compression |
| intubation | no intubation, did not require intubation |
| Bagging, bagged | no bagging, did not require bagging, not bagged |
| mouth to mouth, mouth-to-mouth | no mouth to mouth, did not require mouth to mouth, no mouth-to-mouth, did not require mouth-to-mouth |
| uncons AND (nalox OR narcan) | not uncons |
| unrespons AND (nalox OR narcan) | not go unrespons, not unrespons |
| pea | no pea, not in pea |
| rescue breath | |
| [respiratory rate OR rr] [is OR was] 1-7 | |
| Bvm, opa | |
| GCS 3, GCS=3, GCS = 3, GCS of 3, GCS is 3, GCS was 3 | |
| Epinephrine, epi | Epi-pen, epi pen, hives, allerg, Benadryl, asthma, injection pen, epi gastric |

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3. Opioid Intoxicated Bucket

- a. Patients who are on opioids and displaying symptoms including bradycardia, hypothermia, sedation, pinpoint pupils, slurred speech, and head nodding
 - i. Intoxication is distinguished from acute overdose in that patients are likely to survive even without intervention
- b. Will override acute OD cases that were only selected because of positive response to naloxone and regroup them to intoxicated if the search terms are met
- c. Search terms:

| Narrative contains one of the following inclusion terms (and none of its corresponding exclusion terms) | |
|--|---|
| Inclusion terms | Exclusion terms |
| nodding, on the nod, nod off, nodded off | |
| Somnolent, somulent, somulant, somnolence | |
| [slurr OR garbl OR incomprehens OR unintelligi] AND [speech, speach, word, talk] | - slurring of speech, no slurring of speech, no slurred speech, without slurred |
| incoherent, not coherent | |
| small pupil | |
| pupil AND [pinpoint, pin-point, pin point, constricted] | not pinpoint, not pin-point, not pin point, not constricted |
| miosis | neg miosis, no miosis, - miosis |
| semi cons, semicons, semi-cons, semi awake, semiawake, semi-awake | |
| sternal rub | |
| letharg, grogg | |
| drows | not drows, non-drows, nondrows, non drows |
| hypoxic, hypoxia | no signs of hypoxia, not hypoxic, no hypoxia, neg hypoxia, hypoxic brain injur |
| uncons | not uncons |
| unrespons, nonrespons, non-respons, non respons, not respons | not go unrespons, not unrespons |
| arousable | |
| hypotension, hypotensive | no hypotension, neg hypotension, negative hypotension, not hypotensive |
| loss of alert | no loss of alert |
| confused | not confused, tbi, brain injur |
| black out, pass out, passed out | drunk |
| decreased respiratory | no decreased respiratory |
| verbal stimu, painful stimu | |

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| | |
|---|--------------------------|
| slugg | |
| decreased respiratory | no decreased respiratory |
| not breath | allerg |
| shallow AND breath | No shallow breath |
| npa | |
| Naltrexone AND [chill, tremor, vomit, nausea, sweat, shake, OR seizure] | |
| GCS 4-9, GCS=4-9, GCS =4-9, GCS of 4-9, GCS is 4-9, GCS was 4-9 | |

4. Opioid Detox Bucket

- a. Patients in the opioid detox bucket include those who intentionally or unintentionally are experiencing symptoms of opioid withdrawal
- b. These symptoms include tachycardia, tachypnea, chills, tremors, vomiting, nausea, sweating, shaking, hypertension, and anxiety.
- c. This will override acute ODs only found by naloxone improvement or cases of opioid intoxication and regroup them to detox if the search terms are met
- d. Search terms

| Chief Complaint or Secondary Complaint contains one of the following inclusion terms (and none of its corresponding exclusion terms) | |
|---|------------------------|
| Inclusion terms | Exclusion terms |
| Detox, withdraw | Alcohol, etoh |

OR

| Narrative contains one of the following inclusion terms (and none of its corresponding exclusion terms) | |
|--|------------------------|
| Inclusion terms | Exclusion terms |
| withdraw | |
| tachyp | Not tachyp, no tachyp |

5. Opioid Implicated Bucket

- a. This remaining bucket covers all other EMS calls in which opioids were involved but they do not fall into one of the above categories.
- b. Some examples of the most common types of calls that are in this bucket include:
 - i. Suicide attempts in which opioids are used
 - ii. Calls where patient symptoms involve multiple or unknown drug mixes
 - iii. Mental health-related calls where substance use is a comorbidity

Massachusetts Ambulance Trip Record Information System (MATRIS)

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Case Definitions for Suspected Stimulant-Related Incidents in MATRIS

Suspected stimulant-related EMS incidents (SRIs) were identified through a three-stage process.

Stage 1: Defining EMS incidents included.

Only EMS incidents meeting the following criteria were included in the analysis:

- In order to include only emergency responses and exclude incidents between health facilities, only EMS incidents involving 911 calls were included in the analysis.
- Remove transports where chief complaint is 'dialysis'.
- Remove transports where the incident state or incident county is not in Massachusetts.

Stage 2: Define EMS incidents that are not suspected stimulant-related EMS incidents (SRIs)

In order to reduce false positives, an EMS incident was not classified as an SRI if it met any of the following criteria:

- Do not classify as an SRI when the EMS transport is not related to an emergency but involves transporting a patient or a Section 12. (Note: These transports are listed incorrectly as 911 responses)
 - "section 12", "sect 12", or "sec 12" (narrative, chief complaint, secondary complaint, other complaint)
 - "transport only" (chief complaint, secondary complaint, other complaint)
- Do not review events for Levels 2 or 3 in patients younger than 15 as the degree of misclassification is too high

Stage 3: Determine Level

- Level indicates which category the run falls in – definitions for each level are provided below. Runs can meet the criteria of and be counted in multiple levels.
- All Criteria hold the same weight, they are separated for coding and search purposes only.

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Case Definition for Massachusetts EMS analysis (MATRIS) - Suspected Stimulant-Related Incident (SRI)

| NEMSIS Variable(s) | <p style="text-align: center;">LEVEL 1 - (any stimulant use indicator)</p> <p style="text-align: center;">Defined as 1) EMS incidents in which there is an acute stimulant related issue (e.g., withdrawal, intoxication) from either prescribed or illicit stimulants, unintentional or intentional OR 2) EMS responds to a person with a history of stimulant misuse or use disorder, OR 3) EMS responds to a person with a known current or previous prescription for stimulants</p> |
|--|---|
| <p>Any Complaint [E09.05, E09.08, eSituation.03, eSituation.04] Or Narrative Report (NR) [E13.01, eNarrative.01]</p> | <p>Criteria 1: Inclusion terms: stimulant, cocaine, cocain, coaine, coke, amphet, cacaine Exclusion terms: not stimulant, no stimulant, denies stimulant, denied stimulant, denies any stimulant, denied any stimulant, denies cocaine, denied cocaine, denies any cocaine, denied any cocaine, not cocaine, no cocaine, not coke, no coke, diet coke, rum and coke, jack and coke, bottle of, can of, glass of, cup of, denies amphet, denied amphet, denies any amphet, denied any amphet, not amphet, no amphet, coke cola, coke plant, over the counter, over-the-counter, vanilla coke, drink of</p> <p>Criteria 2: Inclusion terms: meth Exclusion terms: denies meth, denied meth, denies any meth, denied any meth, meth mile, [oiam]meth, meth[aieou], amethia, methotr, methanol, indometh, betameth, dexameth, methocarb, prometh, not meth, no meth, Dextromethorphan, sulfameth, simethic, methado, methodo, something, something, Methuen, metheun, method, methyl</p> <p>Criteria 3: Inclusion terms: Speedball, speed ball, smoked crack, smoke crack, smoking crack, smokes crack, use crack, on crack, used crack, crack pipe, took upper, under the influence of upper Exclusion terms: crackle</p> <p>Criteria 4: Inclusion terms: Adderall, addarall, adderol, dextroamph, methylph, Dexedrine, Ritalin, Concerta, Strattera, atomoxetine, Vyvanse, focalin, methylin, procentra, zenzedi, evekeo, metadate, adzenys, aptensio, cotempla, daytrana, dyanavel, mydayis, quillichew, quillivant, lisdex</p> <p>Criteria 5: Inclusion terms: MDMA, bath salt, Cathinone, ecstasy, ecstacy, molly Exclusion terms: rn molly, molly rn</p> |
| <p>Any Impression [E09.15, E09.16, eSituation.11, eSituation.12]</p> | <p>Criteria 6: Inclusion terms: cocaine related, F14.10, F14.11, F14.20, F14.21, F15.10, F15.11, F15.20, F15.21, F16</p> |

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Analytic Data Dictionary

(PHDEMS.MATRIS)

| NEMSIS Variable(s) | <p style="text-align: center;">LEVEL 2 (problematic stimulant use indicator)</p> <p style="text-align: center;">Defined as 1) EMS incidents in which there is an acute stimulant related issue (e.g., withdrawal, intoxication) from an illicit stimulant or misuse of prescription stimulants OR 2) EMS responds to a person with a history of stimulant misuse or use disorder.</p> |
|--|--|
| <p>Any Complaint [E09.05, E09.08, eSituation.03, eSituation.04] Or Narrative Report (NR) [E13.01, eNarrative.01]</p> | <p>Criteria 1: Inclusion terms: stimulant, cocaine, cocain, coaine, coke, amphet, cacaine Exclusion terms: not stimulant, no stimulant, denies stimulant, denied stimulant, denies any stimulant, denied any stimulant, denies cocaine, denied cocaine, denies any cocaine, denied any cocaine, not cocaine, no cocaine, not coke, no coke, diet coke, rum and coke, jack and coke, bottle of, can of, glass of, cup of, denies amphet, denied amphet, denies any amphet, denied any amphet, not amphet, no amphet, coke cola, coke plant, over the counter, over-the-counter, vanilla coke, drink of</p> <p>Criteria 2: Inclusion terms: meth Exclusion terms: denies meth, denied meth, denies any meth, denied any meth, meth mile, [oiam]meth, meth[aieou], amethia, methotr, methanol, indometh, betameth, dexameth, methocarb, prometh, not meth, no meth, Dextromethorphan, sulfameth, simethic, methado, methodo, something, something, Methuen, metheun, method, methyl</p> <p>Criteria 3: Inclusion terms: Speedball, speed ball, smoked crack, smoke crack, smoking crack, smokes crack, use crack, on crack, used crack, crack pipe, took upper, under the influence of upper Exclusion terms: crackle</p> <p>Criteria 4: Inclusion terms: MDMA, bath salt, Cathinone, ecstasy, ecstasy, molly Exclusion terms: rn molly, molly rn</p> <p>Criteria 5: INCLUDES AT LEAST ONE TERM from list a: Adderall, addarall, adderol, dextroamph, methylph, Dexedrine, Ritalin, Concerta, Strattera, atomoxetine, Vyvanse, focalin, methylin, procentra, zenzedi, evekeo, metadate, adzenys, aptensio, cotempla, daytrana, dyanavel, mydayis, quillichew, quillivant, lisdex AND ONE OF THE FOLLOWING TERMS from list b:</p> <ul style="list-style-type: none"> • Needle (excludes: seizure, g needle, needle decom, defer any needle, fear, needless, pins, kneed, needle exc, afraid, terri, no needle; also excludes diabe & insulin when they both occur together) • Syringe (excludes: seizure, needless, drawn into a syringe; also excludes diabe & insulin when they both occur together) • shot up • non prescr, non-prescr, not prescr • snort* • inject (excludes: seizure, no inject, injection for anaphy; also excludes diabe & insulin when they both occur together) • crush (excludes: crush inj, crush soda) • misuse (excludes: not misuse, no miuse) |

Massachusetts Ambulance Trip Record Information System (MATRIS)

Analytic Data Dictionary

(PHDEMS.MATRIS)

| | |
|---|---|
| | <ul style="list-style-type: none"> recreational (excludes: did not endorse any recreat, denies the use of recreat, does not participate in recreat, denies use of recreat, denies using any recreat, no signs of recreate, does not use recreat, not recreat, no recreat, denies any recreat, denie[sd] recreat) <p>AND NONE OF THE FOLLOWING TERMS from list c: adhd, as prescri, has a prescri, unrespons, uncons</p> <p>*(snort is the only term that does not consider the exclusion terms in list c – i.e. if your search term from list b is “snort” then the exclusion terms in list c are not searched)</p> <p>Criteria 6: INCLUDES AT LEAST ONE TERM from list a: Adderall, adderol, dextroamph, methylph, Dexedrine, Ritalin, Concerta, Strattera, atomoxetine, Vyvanse, focalin, methylin, procentra, zenzedi, evekeo, metadate, adzenys, aptensio, cotempla, daytrana, dyanavel, mydayis, quillichew, quillivant, lisdex AND ONE OF THE FOLLOWING TERMS from list b: overdose, od, o.d AND NONE OF THE FOLLOWING TERMS from list c: unrespons, uncons</p> |
| Any Impression [E09.15, E09.16, eSituation.11, eSituation.12] | <p>Criteria 7: Inclusion terms: cocaine related, F14.10, F14.11, F14.20, F14.21, F15.10, F15.11, F15.20, F15.21, F16</p> |

| NEMSIS Variable(s) | LEVEL 3 (acute stimulant-related incident) |
|--|---|
| | Defined as an EMS incident in which either prescribed or illicit stimulants are implicated (e.g. withdrawal, intoxication, adverse effect) as either the primary reason for the call or as a related factor for the call. |
| Any Complaint [E09.05, E09.08, eSituation.03, eSituation.04] Or Narrative Report (NR) [E13.01, eNarrative.01] & Patient Age [E06.14, E06.15, ePatient.15, ePatient.16] | <p>Criteria 1 (searches complaint fields only): Inclusion terms: stimulant, cocaine, cocain, coaine, coke, amphet, cacaine Exclusion terms: not stimulant, no stimulant, denies stimulant, denied stimulant, denies any stimulant, denied any stimulant, denies cocaine, denied cocaine, denies any cocaine, denied any cocaine, not cocaine, no cocaine, not coke, no coke, diet coke, rum and coke, jack and coke, bottle of, can of, glass of, denies amphet, denied amphet, denies any amphet, denied any amphet, not amphet, no amphet, coke cola, coke plant, over the counter, over-the-counter, vanilla coke, drink of</p> <p>Criteria 2 (searches complaint fields only): Inclusion terms: meth Exclusion terms: denies meth, denied meth, denies any meth, denied any meth, meth mile, [oiam]meth, meth[aieou], amethia, methotr, methanol, indometh, betameth, dexameth, methocarb, prometh, not meth, no meth, Dextromethorphan, sulfameth, simethic, methado, methodo, something, samething, Methuen, metheun, method, methyl</p> <p>Criteria 3 (searches complaint fields only): Inclusion terms: Speedball, speed ball, smoked crack, smoke crack, smoking crack, smokes crack, use crack, on crack, used crack, crack pipe, took upper, under the influence of upper</p> |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

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| | <p>Exclusion terms: crackle</p> <p>Criteria 4 (searches complaint fields only): Inclusion terms: MDMA, bath salt, Cathinone, ecstasy, ecstasy, molly Exclusion terms: rn molly, molly rn</p> <p>Criteria 5: Inclusion terms: psycho, anxi, manic, parano, delus, aggress, violent, confused, crawling, public disturbance, public nuisance Exclusion terms: dog, no psycho, not psycho, denie[sd] pyscho, denie[sd] any psycho, no anxi, not anxi, denie[sd] anxi, denies[sd] any anxi, no manic, not manic, denie[sd] manic, denie[sd] any manic, no parano, not parano, denie[sd] parano, denie[sd] any parano, no delus, not delus, denie[sd] delus, denie[sd] any delus, no aggress, not aggress, no violent, not violent, no confused, not confused, no crawling, not crawling, no public, not a public</p> <p>Criteria 6 (searchers complaint field only): Inclusion terms: tachy, hypertensive, heart racing, heart pounding, arrythmia Exclusion terms: no tachy, not tachy, denie[sd] tachy, no hypertensive, not hypertensive, denie[sd] hypertensive, no heart racing, not heart racing, denie[sd] heart racing, no heart pounding, not heart pounding, denie[sd] heart pounding, no arrythmia, not arrythmia, denie[sd] arrythmia OR Inclusion terms: CVA AND Patient age <46 Exclusion terms: no CVA, not CVA, denie[sd] CVA,</p> <p>Criteria 7: Inclusion terms: withdraw, poly[-]sub, polysub, overdose Exclusion terms: alcohol withdraw, etoh withdraw, no withdraw, not withdraw, denie[sd] withdraw, no poly, not poly, denie[sd] poly, no overdose, not overdose, denie[sd] overdose</p> <p>Criteria 8: Inclusion terms: seiz, hyperthermia, hallucinat, de-escalat, taser, pepper spray, jitter, abscess, abcess Exclusion terms: seizure history, seizure hx, no seiz, not seiz, denie[sd] seiz, no hyperthermia, not hyperthermia, denie[sd] hyperthermia, no hallucinat, not hallucinat, denie[sd] hallucinat, no de-escalat, not de-escalat, no taser, no pepper spray, no jitter, not jitter, denie[sd] jitter, no abscess, not abscess, denie[sd] abscess</p> |
| Any Impression [E09.15, E09.16, eSituation.11, eSituation.12] & Patient Age [E06.14, E06.15, ePatient.15, ePatient.16] | <p>Criteria 9: Inclusion terms: cocaine related, F14.10, F14.11, F14.20, F14.21, F15.10, F15.11, F15.20, F15.21, F16</p> <p>Criteria 10: Inclusion terms: F20, F22, F29, F41, R41, F30, F60, R45.6, altered mental status</p> <p>Criteria 11: Inclusion terms: R00, I16, I49, cardiac arrhythmia/dysrhythmia, hypertension OR Inclusion terms: chest pain & Patient Age <55 OR Inclusion terms I63 & Patient Age <46</p> <p>Criteria 12: Inclusion terms: F19.23, polysubstance overdose, psychoactive substance related diso</p> |

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.MATRIS)

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|--|--|
| | Criteria 13: Inclusion terms: L02, R56, R50.9, R44.3, hallucinogen related disorders, hyperthermia, seizure, seizures with status epilepticus, seizures without status epilepticus |
|--|--|

MIIS- Massachusetts Immunization Information System
Analytic Data Dictionary
(PHDMIIS.COVID)

MIIS- COVID (PHDMIIS.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|------------------------------------|---|--------|
| ID | Project Specific ID | Up to a 9-character alphanumeric ID | CHAR |
| Match_level_CMIIS | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | NUM |
| Age_CMIIS | Age at date administration | Age in years | NUM |
| Brand_CMIIS | Brand name of vaccine | Blank = N/A | CHAR |
| Date_Admin_CMIIS | Date vaccine was administered | <p>Date Proxy – count of days between admin date and randomly chosen date in the future. The variable is written as a SAS date.</p> <p>NOTE: The larger the date proxy, the later in time the event occurred</p> | NUM |
| date_Admin_month_CMIIS | Month the vaccine was administered | Months, 1-12 | NUM |
| date_Admin_year_CMIIS | Year the vaccine was administered | Years, YYYY format | NUM |

MIIS- Massachusetts Immunization Information System
Analytic Data Dictionary
(PHDMIIS.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------------|---|--|--------|
| Ethnicity_CMIIS | Hispanic Ethnicity | 1 = Hispanic or Latino 2 = not Hispanic or Latino 9 = unknown Blank = missing | NUM |
| Historical_CMIIS | Shots that are not administered by the provider but is recorded by provider | 1 = yes 0 = no | NUM |
| IsAmerIndianOrAlaskan_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsAsian_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsBlack_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsHawaiian_OtherPacIsL_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsOther_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsWhite_CMIIS | Binary | 0 = no 1 = yes | NUM |
| IsUnknown_CMIIS | Binary | 0 = no 1 = yes | NUM |
| MXV_CMIIS | Vaccine Manufacturer | 1 = Pfizer 2 = Moderna 3 = Johnson & Johnson 4 = Other Blank = missing | NUM |
| NDC_CMIIS | National Drug Code | 11-digit numeric code with dashes Blank = missing | CHAR |
| RACE_CMIIS | Combined race ethnicity of patient | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown/ Undetermined | NUM |
| REP_PROV_Code_CMIIIS | City of reported provider | 1-351 for valid MA city/town 888= Out of state city/town 999 = Unknown Blank = missing | NUM |
| REP_Prov_State_CMIIS | State of reported Provider | 2-character state ID | CHAR |
| Rep_Prov_Type_CMIIS | Provider type | See Appendix Table 1 | NUM |

MIIS- Massachusetts Immunization Information System
Analytic Data Dictionary
(PHDMIIS.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|-------------------------------|--|--------|
| REP_PROV_Zip_CMIIS | Zip code of reported provider | 5-digit zip code 99999=Unknown or missing | NUM |
| Res_Code_CMIIS | City of patient | 1-351 for valid MA city/town 999 = Unknown Blank = missing | NUM |
| Res_Zip_CMIIS | Zip code of patient | 5-digit zip code 99999=Unknown or missing | NUM |
| Sex_CMIIS | Gender of Patient | 1 = Male 2 = Female 3 = Transgender 9 = Unknown/Undifferentiated | NUM |
| VAX_CMIIS | Vaccine ID | See Appendix Table 2 | NUM |
| Pat_Address_Type | Patient Address | 1 = Home 2 = Home (Secondary) 3 = Work 4 = Work (Secondary) 5 = Company 6 = Guardian 7 = Mailing 8 = Vacation Home 9 = Other | NUM |

[Appendix Table 1: Meta Data for Rep_Prov_Type_CMIIS](#)

| Value | Description |
|-------|--|
| 1 | Internal Medicine |
| 2 | Hospital (Public) |
| 3 | Assisted Living/Adult Day Care |
| 4 | Board of Health/Health Dept |
| 5 | College (Private) |
| 6 | College (Public) |
| 7 | Community Health Center |
| 8 | Correctional Facility |
| 9 | Council on Aging |
| 10 | Employee Health |
| 11 | Family Practice |
| 12 | Hospital (Private) |
| 13 | Long-term Care Facility/Nursing Home/Rest Home |
| 14 | Multi -Specialty Center |

MIIS- Massachusetts Immunization Information System
Analytic Data Dictionary
(PHDMIIS.COVID)

| | |
|----|--|
| 15 | Other (Private) |
| 16 | OB/GYN |
| 17 | Commercial Pharmacy |
| 18 | Commercial Vaccinator |
| 19 | School Based Health Center |
| 20 | Job Corp |
| 21 | Homeless Shelter |
| 22 | Free Clinic |
| 23 | Indian Health Services |
| 24 | Family Planning |
| 25 | Military Base |
| 26 | Residential Treatment Center for Adolescents |
| 27 | Internal Medicine |
| 28 | School (Public) |
| 29 | Specialty Practice |
| 30 | School (Private) |
| 31 | Home Health Agency |
| 32 | Pediatric Practice |
| 33 | State Agency |
| 34 | Visiting Nurse Agency |
| 35 | Other (Public) |
| 36 | Urgent Care Centers |
| 37 | Public Hospital (Adult) |
| 38 | Assisted Living/Adult Day Care (Adult) |
| 39 | Board of Health/Health Dept (Adult) |
| 40 | Private College (Adult) |
| 41 | Public College (Adult) |
| 42 | Community Health Center (Adult) |
| 43 | Correctional Facility (Adult) |
| 44 | Council on Aging (Adult) |
| 45 | Family Practice (Adult) |
| 46 | Home Health Agency (Adult) |
| 47 | Private Hospital (Adult) |
| 48 | Long-term care facility/Nursing Home/Rest Home (Adult) |
| 49 | Multi - Specialty Center (Adult) |
| 50 | Other Private Providers (Adult) |
| 51 | OB/GYN (Adult) |
| 52 | Private School (Adult) |
| 53 | Public School (Adult) |
| 54 | Specialty Practice (Adult) |
| 55 | State Agency (Adult) |
| 56 | Visiting Nurse Agency (Adult) |
| 57 | Other Public Providers (Adult) |
| 58 | Urgent Care Centers (Adult) |
| 59 | Homeless Shelter (Adult) |
| 60 | Free Clinic (Adult) |
| 61 | Public Long-term Care (Adult) |
| 62 | Family Planning (Adult) |
| 63 | STD walk in clinic (Adult) |
| 64 | Dept of Mental Health |

MIIS- Massachusetts Immunization Information System

Analytic Data Dictionary

(PHDMIIS.COVID)

| | |
|----|----------------------------|
| 65 | Out of State |
| 66 | Rehabilitation Center |
| 67 | School (Special Education) |
| 68 | STD walk in clinic |
| 69 | Commercial Pharmacy |
| 70 | Private College (Adult) |
| 71 | Employee Health |
| 72 | Rehabilitation Center |
| 73 | Long Term Care (Public) |
| 74 | School (Collaborative) |

Appendix Table 2: Meta Data for VAX CMIIS

| Value | Description |
|-------|---|
| 207 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 100 mcg/0.5mL dose or 50 mcg/0.25mL dose |
| 208 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 30 mcg/0.3mL dose |
| 210 | SARS-COV-2 (COVID-19) vaccine vector non-replicating recombinant spike protein-ChAdOx1 preservative free 0.5 mL |
| 211 | SARS-COV-2 (COVID-19) vaccine subunit recombinant spike protein-nanoparticle+Matrix-M1 Adjuvant preservative free 0.5mL dose |
| 212 | SARS-COV-2 (COVID-19) vaccine vector non-replicating recombinant spike protein-Ad26 preservative free 0.5 mL |
| 213 | SARS-COV-2 (COVID-19) vaccine UNSPECIFIED |
| 217 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 30 mcg/0.3mL dose tris-sucrose formulation |
| 218 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 10 mcg/0.2mL dose tris-sucrose formulation |
| 219 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 3 mcg/0.2mL dose tris-sucrose formulation |
| 221 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free 50 mcg/0.5 mL dose |
| 228 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP preservative free pediatric 25 mcg/0.25 mL dose |
| 229 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP bivalent booster preservative free 50 mcg/0.5 mL or 25 mcg/0.25 mL dose |
| 230 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP bivalent booster preservative free 10 mcg/0.2 mL dose |
| 300 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP bivalent booster preservative free 30 mcg/0.3 mL dose tris-sucrose formulation |
| 301 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP bivalent booster preservative free 10 mcg/0.2 mL dose tris-sucrose formulation |
| 302 | SARS-COV-2 (COVID-19) vaccine mRNA spike protein LNP bivalent preservative free 3 mcg/0.2 mL dose tris-sucrose formulation |
| 500 | SARS-COV-2 COVID-19 Non-US Vaccine Specific Product Unknown |
| 502 | SARS-COV-2 COVID-19 Inactivated Virus Non-US Vaccine Product (COVAXIN) |
| 505 | SARS-COV-2 COVID-19 Viral Vector Non-Replicating Non-US Vaccine Product (Sputnik V) |
| 506 | SARS-COV-2 COVID-19 Viral Vector Non-Replicating Non-US Vaccine Product (CONVIDECIA) CanSino Biological Inc./Beijing Institute of Biotechnology |
| 507 | SARS-COV-2 COVID-19 Protein Subunit Non-US Vaccine Product (Anhui Zhifei Longcom Biopharmaceutical + Institute of Microbiology Chinese Academy of Sciences) |

MIIS- Massachusetts Immunization Information System
Analytic Data Dictionary
(PHDMIIS.COVID)

| | |
|-----|--|
| 508 | SARS-COV-2 COVID-19 Protein Subunit Non-US Vaccine Product (Jiangsu Province Centers for Disease Control and Prevention) |
| 509 | SARS-COV-2 COVID-19 Protein Subunit Non-US Vaccine Product (EpiVacCorona) |
| 510 | SARS-COV-2 COVID-19 Inactivated Virus Non-US Vaccine Product (BIBP Sinopharm) |
| 511 | SARS-COV-2 COVID-19 Inactivated Virus Non-US Vaccine Product (CoronaVac Sinovac) |
| 512 | SARS-COV-2 COVID-19 Virus Like Particle (VLP) Non-US Vaccine Product (Medicago Covifenz) |
| 519 | SARS-COV-2 COVID-19 mRNA bivalent original/Omicron BA.1 Non-US Vaccine (Spikevax Bivalent) Moderna |
| 520 | SARS-COV-2 COVID-19 mRNA bivalent original/Omicron BA.1 Non-US Vaccine Product (Comirnaty Bivalent) Pfizer-BioNTech |

MAVEN – Hepatitis A Case Reports
Analytic Data Dictionary
(PHDHEPA.HAV)

Hepatitis A – MAVEN (PHDHEPA.HAV)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|---|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_HAV | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness</p> | Num |
| AGE_HAV | Age in years at time of event | Age in years Blank = missing (question not asked) | Num |
| EVENT_DATE_HAV | <p>Date case counted for surveillance purposes. Based on hierarchy of available dates:</p> <p>1) symptom onset, 2) earliest specimen collection date, 3) diagnosis date, 4) create date.</p> <p>If no symptom onset date, then event date based on earliest specimen collection date & so on</p> | <p>Date Proxy – count of days between event date and randomly chosen date in the past</p> <p>NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| EVENT_MONTH_HAV | Month case was counted | Months, 1-12 | Num |
| EVENT_YEAR_HAV | Year case counted | Years, YYYY | Num |

MAVEN – Hepatitis A Case Reports
Analytic Data Dictionary
(PHDHEPA.HAV)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|---|--------|
| HOMELESS_HAV | Indicates if either address_status = "homeless shelter" or "homeless", cur_housing_status = "homeless", or homeless = "yes". | 0=No 1=Yes | Num |
| IDU_INCUBATION_HAV | During the incubation period, did the case inject drugs not prescribed by a doctor? | 0=no 1=yes 9=unknown Blank = missing (question not asked) | Num |
| NON_US_BORN_HAV | Born outside the US? | 0=no 1=yes 9=unknown | Num |
| RACE_HAV | | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = Other, non-Hispanic 9 = Unknown Blank = missing (question not asked) | Num |
| RES_CODE_HAV | City of residence received when the case was reported | 1-351 = valid MA city/town 999 = missing/unknown/invalid Blank = missing (question not asked) | Num |
| RES_ZIP_HAV | Zip code of residence | 5 character zip code | Char |
| SEX_HAV | Sex | 1=Male 2=Female 9=Unknown or transgender | Num |

MAVEN – Hepatitis C Case Reports
Analytic Data Dictionary
(PHDHEPC.HCV)

Hepatitis C - MAVEN (PHDHEPC.HCV)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_HCV | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_HCV | Age in years at time of event | <p>Age in years</p> <p>Blank = missing (question not asked)</p> | Num |
| DISEASE_STATUS_HCV | <p>Cases are classified according to appropriate CSTE case definition</p> <p>*Please note, in individuals between 0-3 years, a value of probable indicates that they need follow up testing. Probable is not a valid final case status in these ages, although it may appear given the extract processes for the PHD</p> | <p>1=Confirmed</p> <p>2=Probable</p> | Num |

MAVEN – Hepatitis C Case Reports
Analytic Data Dictionary
(PHDHEPC.HCV)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|---|--------|
| DISEASE_TYPE_HCV | <p>Acute or chronic disease type</p> <p>*Please note that, beginning with the 2018 perinatal HCV case definition, neither the acute nor the chronic classification can be applied to individuals under the age of 3 years old. Perinatal HCV cases can be identified in this dataset by identifying those cases where DISEASE_STATUS_HCV is "Confirmed" and age is between 0-3 years.</p> | <p>1=Acute 2=Chronic 9=Missing or Perinatal</p> | Num |
| EVENT_DATE_HCV | <p>The date we count a case for surveillance purposes. This is based on a hierarchy of available dates: 1) symptom onset, 2) earliest specimen collection date, 3) diagnosis date, 4) create date. If there is no symptom onset date, then the event date would be based off earliest specimen collection date and so on.</p> | <p>Date Proxy – count of days between event date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred</p> | Num |
| EVENT_MONTH_HCV | Month case was counted | Months, 1-12 | Num |
| EVENT_YEAR_HCV | Year case was counted | Years, YYYY format | Num |
| EVER_HOMELESS_HCV | Indicates if "homeless" was ever checked as a unique address condition. | <p>0=No 1=Yes Note, 92% of records had none of the potential unique address conditions checked</p> | Num |

MAVEN – Hepatitis C Case Reports
Analytic Data Dictionary
(PHDHEPC.HCV)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|---|---|--------|
| EVER_IDU_HCV | Has the case ever injected drugs not prescribed by a doctor? | 0=no 1=yes 9=unknown Blank = missing (question not asked) | Num |
| NON_US_BORN_HCV | Born outside of the US? | 0=no 1=yes 9=unknown Note: This is a checkbox option for Country of Birth: US or Other and ~70% of records have nothing checked | Num |
| RACE_HCV | | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = Other, non-Hispanic 9 = Unknown Blank = missing (question not asked) | Num |
| RES_CODE_HCV | City of residence received when the case was initially reported | 1-351 = valid MA city/town 999 = missing/unknown/invalid Blank = missing (question not asked) | Num |
| RES_ZIP_HCV | Zip code of residence | 5 character zip code 99999 = missing | Char |
| SEX_HCV | Sex | 1=Male 2=Female 9=Unknown or transgender | Num |

MAVEN – HIV Case Reports
Analytic Data Dictionary
(PHDHIV.HIV_INC)

HIV_Incidence (PHDHIV.HIV_INC)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| ID | PHD ID | 9-character alphanumeric ID | Char |
| Match_level_HIV_INC | CHIA Match level | <p>1=These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness</p> | Num |
| AGE_HIV_INC | Age in years at time of diagnosis | Age in years | Num |
| DIAGNOSIS_DATE_HIV | HIV disease diagnosis date. if month is missing then it is hardcoded to June. If day is missing then it is hardcoded to the 15 th of the month. | Date Proxy=Count of days between event date and randomly chosen date in the past | Num |
| DIAGNOSIS_MONTH_HIV | HIV disease diagnosis MONTH. If month is missing then it is hardcoded to June. | Months, 1-12 | Num |
| DIAGNOSIS_YEAR_HIV | Incidence cohort year | 4-digit year | Num |
| ENGLISH_SPEAKING_HIV | Is the case English speaking? | <p>0=No</p> <p>1=Yes</p> <p>9=Unknown</p> | Num |
| EXPOSURE_HIV | HIV exposure mode category | <p>1=MSM</p> <p>2=IDU</p> <p>3=MSM/IDU</p> <p>4=Het Sex</p> <p>5=Presumed Het</p> | Num |

MAVEN – HIV Case Reports
Analytic Data Dictionary
(PHDHIV.HIV_INC)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| | | 6=Other 7=No identified risk | |
| HOMELESS_HIV_INC | Was the case homeless at the time of diagnosis? | 0=No 1=Yes 9=Unknown | Num |
| INCARCERATED_HIV_INC | Was the case incarcerated at the time of diagnosis? | 0=No 1=Yes 9=Unknown | Num |
| RES_ZIP_HIV_INC | ZIP code of residence at diagnosis. Homeless indicator is not complete | 5-digit ZIP code 99999 = Unknown 88888 = Homeless indicator | Char |
| RES_CODE_HIV_INC | City/town of residence at diagnosis | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RACE_HIV | Race/Hispanic Ethnicity. The "Other/Unknown" category includes American Indian/Alaska Native, Multi-Race, and Unknown. | 1=White Non-Hispanic 2=Black non-Hispanic 3=Asian/PI non-Hispanic 4=Hispanic 5=American Indian or Other 9=Unknown | Num |
| SEX_HIV | Sex | 1=Male 2=Female | Num |

MAVEN – HIV Case Reports - Prevalence
Analytic Data Dictionary
(PHDHIV.HIV_PREV)

HIV Prevalence (PHDHIV.HIV_PREV)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|--|--------|
| ID | PHD ID | 9-character alphanumeric ID | Char |
| Match_level_HIV_PREV | CHIA Match level | <p>1=These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as date of birth and zip code. These candidates are included for completeness</p> | Num |
| AGE_HIV_PREV | Age as of PREVELANCE_DATE_HIV (2019 or 2020) | Age in years | Num |
| COCAINE_LAST12_HIV | Has the case used cocaine within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| CRACK_LAST12_HIV | Has the case used crack within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| DIAGNOSIS_DATE_AIDS | AIDS diagnosis date. If day of the month is missing then it is hardcoded to 15; if month is missing then it is hardcoded to June. Values exist for cases that have an AIDS diagnosis. | Date Proxy: count of days between event date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DIAGNOSIS_YEAR_AIDS | Year of AIDS diagnosis | 4-digit year | Num |
| DIAGNOSIS_MONTH_AIDS | Month of AIDS diagnosis | Months 1-12 | Num |
| EARLIEST_OI_DATE | The earliest date of opportunistic illness (OI) diagnosis. | Date Proxy – count of days between event date and randomly chosen date in the past | Num |

MAVEN – HIV Case Reports - Prevalence
Analytic Data Dictionary
(PHDHIV.HIV_PREV)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|--|--|--------|
| EXPOSURE_HIV | HIV exposure mode category | 1=MSM 2=IDU 3=MSM/IDU 4=Het Sex 5=Presumed Het 6=Other 7=No identified risk | Num |
| FENTANYL_LAST12_HIV | Has the case used fentanyl within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| HEROIN_LAST12_HIV | Has the case used Heroin within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| IDU_LAST12_HIV | Has the case reported injecting drugs within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| INCARCERATED_LAST12_HIV | Was the case incarcerated within the past 12 months? | 0=No 1=Yes 9=Unknown/missing | Num |
| METH_LAST12_HIV | Has the case used methamphetamines within the past 12 months? | 0=no 1=yes 9=unknown/missing | Num |
| PREV_YEAR_HIV | Year of prevalence (2019 or 2020, prior years data in PREV_CD4 dataset) | YYYY | Num |
| RACE_HIV | Race/Hispanic Ethnicity. The "Other/Unknown" category includes American Indian/Alaska Native, Multi-Race, and Unknown. | 1=White Non-Hispanic 2=Black non-Hispanic 3=Asian/PI non-Hispanic 4=Hispanic 5=American Indian or Other 9=Unknown | Num |

MAVEN – HIV Case Reports - Prevalence
Analytic Data Dictionary
(PHDHIV.HIV_PREV)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|---|--------|
| RES_ZIP_HIV_PREV | ZIP code of residence as of 12/31 of the prevalence year indicator. Based on most recent residence data available. If we only have residence at diagnosis, then that information is pulled forward through future current residence variables. Homeless indicator is not complete | 5-digit ZIP code 99999 = Unknown 88888 = Homeless indicator | Char |
| RES_CODE_HIV_PREV | City/town of residence as of 12/31 of the prevalence year indicator. Based on most recent residence data available. If we only have residence at diagnosis, then that information is pulled forward through future current residence variables. | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| SEX_HIV | Sex at birth | 1=Male 2=Female | Num |

MAVEN HIV Case Reports – Prevalence CD4
Analytic Data Dictionary
(PHDHIV.HIV_PREV_CD4)

MAVEN HIV Case reports – Prevalence CD4 (PHDHIV.HIV_PREV_CD4)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|---|--|--------|
| ID | PHD ID | 9-character alphanumeric ID | Char |
| Match_level_HIV_PREV_CD4 | CHIA Match level | <p>1=These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2=This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as date of birth and zip code. These candidates are included for completeness</p> | Num |
| CD4 | Categorization of record date CD4 count | <p>1= <200</p> <p>2=200-499</p> <p>3=500+</p> <p>9=Missing/unknown</p> | Num |
| CD4_DATE_PREV | Record Date of CD4 count | Date Proxy – count of days between event date and randomly chosen date in the past | Num |
| CD4_MONTH_PREV | month of CD4 count | Months, 1-12 99= missing | Num |
| CD4_YEAR_PREV | Year of CD4 count | 4-digit year 9999=missing | Num |

MAVEN HIV Case Reports – Prevalence CD4

Analytic Data Dictionary

(PHDHIV.HIV_PREV_CD4)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| VIRAL_SUPPRESSED2013 | Viral suppression at time of contact, includes individuals diagnosed through 12/31/2013 (the year prior & alive through 12/31 of the prevalence year), and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL ≤ 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |
| VIRAL_SUPPRESSED2014 | Viral suppression at time of contact, includes individuals diagnosed through 12/31/2014 (the year prior & alive through 12/31 of the prevalence year), and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL ≤ 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |
| VIRAL_SUPPRESSED2015 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2015 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL ≤ 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |

MAVEN HIV Case Reports – Prevalence CD4

Analytic Data Dictionary

(PHDHIV.HIV_PREV_CD4)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| VIRAL_SUPPRESSED2016 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2016 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL \leq 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |
| VIRAL_SUPPRESSED2017 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2017 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL \leq 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |
| VIRAL_SUPPRESSED2018 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2018 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL \leq 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |

MAVEN HIV Case Reports – Prevalence CD4

Analytic Data Dictionary

(PHDHIV.HIV_PREV_CD4)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|--|--|--------|
| VIRAL_SUPPRESSED2019 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2019 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL \leq 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |
| VIRAL_SUPPRESSED2020 | Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2020 of the prevalence year, and living in Massachusetts based on last known address. Virally suppressed is defined as having a VL \leq 200 copies/mL for the most recent VL drawn in the prevalence year. | 0=Not virally suppressed 1=Virally suppressed 8 = Not in care continuum 9 = Viral suppression status unknown (no VL in time period of interest) | Num |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

MAVEN- COVID (PHDMAVEN.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------------|---------------------------|---|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| MATCH_LEVEL_CMAV | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| CASE_HOSP_CMAV | Was case hospitalized? | <p>1 - Yes [YES]</p> <p>0 - No [NO]</p> <p>9 - Unknown [UNKNOWN]</p> | NUM |
| CLINICAL_DOD_CMAV | > Date of death: | <p>Date Proxy – count of days between event date and randomly chosen date in the past</p> <p>NOTE: The large the date proxy, the later in time the event occurred</p> <p>This variable will be blank if an individual is not deceased</p> | NUM |
| CLINICAL_DOD_MONTH_CMAV | > Month of death: | 1-12 | NUM |
| CLINICAL_DOD_YEAR_CMAV | > Year of death: | YYYY | NUM |
| COB_CODE_CMAV | Place of birth (country): | 1 – 169 (see appendix) | NUM |
| FOREIGN_BORN_CMAV | Foreign born | <p>1 - Yes [YES]</p> <p>0 - No [NO]</p> <p>9 - Unknown [UNKNOWN]</p> | NUM |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------|--|--|--------|
| DIS_STATUS_CMAV | Disease classification status | 1 - Probable [PROBABLE] 2 - Confirmed [CONFIRMED] | NUM |
| EMP_OR_ADM_HEALTHCARE_CMAV | Employed at, enrolled at, admitted to, or visited a group setting? (For example, nursing home, hospital, jail) | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| HOMELESS_FLG_CMAV | Indicates if either address_status = "homeless shelter" or "homeless", cur_housing_status = "homeless", or homeless = "yes". | 0=No 1=Yes | Num |
| AGE_DIAGNOSIS_CMAV | Age at diagnosis – as young as 0 years old to 120 years old | | NUM |
| FIRST_POS_TEST_DATE_CMAV | Date of First pos test from dashboard | Date Proxy – count of days between event date and randomly chosen date in the past NOTE: The large the date proxy, the later in time the event occurred | NUM |
| GENDER_CMAV | | 1 - Male [Male] 2 - Female [Female] 3 - Transgender [Transgender] 9 - Unknown [4] | NUM |
| RACE_CMAV | Combine race ethnicity of patient | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknow | NUM |
| ISAMERINDIANORALASKAN_CMAV | Binary Patient identifies as American Indian or Alaska Native | 0 = no 1 = yes | NUM |
| ISASIAN_CMAV | Binary Patient identifies as Asian | 0 = no 1 = yes | NUM |
| ISBLACK_CMAV | Binary Patient identifies as Black | 0 = no 1 = yes | NUM |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------------|---|---|--------|
| ISHAWAIIAN_OTHERPACISL_CMAV | Binary Patient identifies as Native Hawaiian or Other Pacific Islander | 0 = no 1 = yes | NUM |
| ISWHITE_CMAV | Binary Patient identifies as White | 0 = no 1 = yes | NUM |
| ISOTHER_CMAV | Binary Patient identifies as Other | 0 = no 1 = yes | NUM |
| ISUNKNOWN_CMAV | Binary Patient's Race is Unknown | 0 = no 1 = yes | NUM |
| HISPANIC_CMAV | Is case Hispanic, Latinx or Spanish origin? | 0 = no 1 = yes 2 = Refused 9 = unknown | NUM |
| MEC_VENT_CMAV | Was case placed on mechanical ventilation? | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| RES_CODE_CMAV | City of patient Official City: | 1-351 for valid MA city/town 999=Unknown | NUM |
| OUTCOME_CMAV | Outcome: | 0 - Died [DIED] 1 - Recovered [RECOVERED] 9 - Unknown [UNKNOWN] | NUM |
| SS_ABDOMINAL_PAIN_CMAV | > Abdominal pain: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_APPETITE_LOSS_CMAV | > Loss of appetite: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| FIRST_POS_TEST_DATE_MONTH_CMAV | Month of first pos test from dashboard | 1-12 | NUM |
| FIRST_POS_TEST_DATE_YEAR_CMAV | Year of first pos test from dashboard | YYYY | NUM |
| SS_CHILLS_CMAV | > Chills: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_COUGH_CMAV | > Cough: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_DIARRHEA_CMAV | > Diarrhea: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------------|---|---|--------|
| SS_DIFF_SHORT_BREATH_CMAV | > Difficulty breathing/Shortness of breath: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_FEVER_CMAV | > Fever: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_HEADACHE_CMAV | > Headache: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_MUSCLE_ACHES_PAIN_S_CMAV | > Muscle aches/pains (myalgia): | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_SORE_THROAT_CMAV | > Sore throat: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_TASTE_SMELL_LOSS_CMAV | > Loss of smell and/or taste: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SS_VOMITING_CMAV | > Vomiting: | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| SYMPTOMS_CMAV | Did case have symptoms? | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| UNDER_ILL_CMAV | Does patient have underlying illness? | 1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN] | NUM |
| ZIP_CMAV | Abbreviated Zipcode of patient Zip code | 5 digit zip 99999=Unknown | CHAR |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

Appendix Table: Meta Data for [COB CODE CMAV](#)

| Value | Description |
|-------|---|
| 1. | Afghanistan= 1 |
| 2. | Aland Islands = 2 |
| 3. | Albania = 3 |
| 4. | Algeria = 4 |
| 5. | American Samoa = 5 |
| 6. | Angola = 6 |
| 7. | Anguilla = 7 |
| 8. | Antigua and Barbuda = 8 |
| 9. | Argentina = 9 |
| 10. | Armenia = 10 |
| 11. | Australia = 11 |
| 12. | Austria = 12 |
| 13. | Azerbaijan = 13 |
| 14. | Bahamas = 14 |
| 15. | Bahrain = 15 |
| 16. | Bangladesh = 16 |
| 17. | Barbados = 17 |
| 18. | Belarus = 18 |
| 19. | Belgium = 19 |
| 20. | Belize = 20 |
| 21. | Bermuda = 21 |
| 22. | Bhutan = 22 |
| 23. | Bolivia = 23 |
| 24. | Bosnia and Herzegovina = 24 |
| 25. | Bouvet Island = 25 |
| 26. | Brazil = 26 |
| 27. | British Indian Ocean Territory = 27 |
| 28. | British Virgin Islands = 28 |
| 29. | Bulgaria = 29 |
| 30. | Burkina Faso = 30 |
| 31. | Burundi = 31 |
| 32. | Cabo Verde = 32 |
| 33. | Cambodia = 33 |
| 34. | Cameroon = 34 |
| 35. | Canada = 35 |
| 36. | Cayman Islands = 36 |
| 37. | Central African Republic = 37 |
| 38. | Chile = 38 |
| 39. | China = 39 |
| 40. | Colombia = 40 |
| 41. | Congo = 41 |
| 42. | Costa Rica = 42 |
| 43. | Cote d'Ivoire = 43 |
| 44. | Croatia = 44 |
| 45. | Cuba = 45 |
| 46. | Czech Republic = 46 |
| 47. | Democratic Peoples Republic of Korea = 47 |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| | |
|-----|--------------------------------------|
| 48. | Denmark = 48 |
| 49. | Djibouti = 49 |
| 50. | Dominica = 50 |
| 51. | Dominican Republic = 51 |
| 52. | Ecuador = 52 |
| 53. | Egypt = 53 |
| 54. | El Salvador = 54 |
| 55. | Eritrea = 55 |
| 56. | Estonia = 56 |
| 57. | Ethiopia = 57 |
| 58. | Finland = 58 |
| 59. | France = 59 |
| 60. | Gabon = 60 |
| 61. | Gambia = 61 |
| 62. | Georgia = 62 |
| 63. | Germany = 63 |
| 64. | Ghana = 64 |
| 65. | Greece = 65 |
| 66. | Grenada = 66 |
| 67. | Guadeloupe = 67 |
| 68. | Guatemala = 68 |
| 69. | Guinea = 69 |
| 70. | Guinea-Bissau = 70 |
| 71. | Guyana = 71 |
| 72. | Haiti = 72 |
| 73. | Honduras = 73 |
| 74. | Hong Kong = 74 |
| 75. | Hungary = 75 |
| 76. | Iceland = 76 |
| 77. | India = 77 |
| 78. | Indonesia = 78 |
| 79. | Iran = 79 |
| 80. | Iraq = 80 |
| 81. | Ireland = 81 |
| 82. | Israel = 82 |
| 83. | Italy = 83 |
| 84. | Jamaica = 84 |
| 85. | Japan = 85 |
| 86. | Jersey = 86 |
| 87. | Jordan = 87 |
| 88. | Kazakhstan = 88 |
| 89. | Kenya = 89 |
| 90. | Kuwait = 90 |
| 91. | Lao Peoples Democratic Republic = 91 |
| 92. | Latvia = 92 |
| 93. | Lebanon = 93 |
| 94. | Liberia = 94 |
| 95. | Libya = 95 |
| 96. | Lithuania = 96 |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| | |
|------|--|
| 97. | Macao = 97 |
| 98. | Macedonia = 98 |
| 99. | Malawi = 99 |
| 100. | Malaysia = 100 |
| 101. | Mexico = 101 |
| 102. | Moldova = 102 |
| 103. | Montenegro = 103 |
| 104. | Montserrat = 104 |
| 105. | Morocco = 105 |
| 106. | Mozambique = 106 |
| 107. | Myanmar = 107 |
| 108. | Namibia = 108 |
| 109. | Nepal = 109 |
| 110. | Netherlands = 110 |
| 111. | New Zealand = 111 |
| 112. | Nicaragua = 112 |
| 113. | Niger = 113 |
| 114. | Nigeria = 114 |
| 115. | Norway = 115 |
| 116. | Pakistan = 116 |
| 117. | Panama = 117 |
| 118. | Paraguay = 118 |
| 119. | Peru = 119 |
| 120. | Philippines = 120 |
| 121. | Pitcairn = 121 |
| 122. | Poland = 122 |
| 123. | Portugal = 123 |
| 124. | Qatar = 124 |
| 125. | Reunion = 125 |
| 126. | Romania = 126 |
| 127. | Russian Federation = 127 |
| 128. | Rwanda = 128 |
| 129. | Saint Kitts and Nevis = 129 |
| 130. | Saint Lucia = 130 |
| 131. | Saint Martin (French part) = 131 |
| 132. | Saint Vincent and the Grenadines = 132 |
| 133. | San Marino = 133 |
| 134. | Saudi Arabia = 134 |
| 135. | Senegal = 135 |
| 136. | Sierra Leone = 136 |
| 137. | Singapore = 137 |
| 138. | Slovakia = 138 |
| 139. | Somalia = 139 |
| 140. | South Africa = 140 |
| 141. | Spain = 141 |
| 142. | Sri Lanka = 142 |
| 143. | Sudan = 143 |
| 144. | Suriname = 144 |
| 145. | Sweden = 145 |

MAVEN COVID-19
Analytic Data Dictionary
(PHDMAVEN.COVID)

| | |
|------|------------------------------------|
| 146. | Switzerland = 146 |
| 147. | Syrian Arab Republic = 147 |
| 148. | Taiwan = 148 |
| 149. | Tajikistan = 149 |
| 150. | Tanzania, United Republic of = 150 |
| 151. | Thailand = 151 |
| 152. | Togo = 152 |
| 153. | Tonga = 153 |
| 154. | Trinidad and Tobago = 154 |
| 155. | Turkey = 155 |
| 156. | Turkmenistan = 156 |
| 157. | Turks and Caicos Islands = 157 |
| 158. | Uganda = 158 |
| 159. | Ukraine = 159 |
| 160. | United Arab Emirates = 160 |
| 161. | United Kingdom = 161 |
| 162. | Uruguay = 162 |
| 163. | Uzbekistan = 163 |
| 164. | Venezuela = 164 |
| 165. | Viet Nam = 165 |
| 166. | Wallis and Futuna = 166 |
| 167. | Yemen = 167 |
| 168. | Zambia = 168 |
| 169. | Zimbabwe = 169 |
| 999 | Unknown = 999 |

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

Massachusetts Cancer Registry (PHDMCR.MCR)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------|---|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_MCR | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness.</p> | Num |
| AGE_MCR | Age at diagnosis | <p>0= Less than 1 year old; diagnosed in utero</p> <p>1=1 year old, but less than 2 years</p> <p>2=120-age in years</p> <p>999=Unknown</p> | Num |
| BEHAVIOR_CODE | Code for the behavior of the tumor being reported using ICD-O-3 | <p>0=Benign</p> <p>1=Uncertain whether benign or malignant; borderline malignancy; low malignant potential; uncertain malignant potential</p> <p>2=Carcinoma in situ; intraepithelial; noninfiltrating; noninvasive</p> <p>3=Malignant</p> | Num |
| BIRTH_MONTH_MCR | Month of birth | <p>1-12</p> <p>99=missing/unknown</p> | Num |
| BIRTH_YEAR_MCR | Year of birth | YYYY | Num |

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|-----------------------------|---|--------|
| CANCER_TYPE | Seer standard cancer type | 5 digit code 20010-37000 99999=Unknown See cancer type codes below | Num |
| DIAGNOSIS_DATE_MCR | Date of diagnosis | Date Proxy – count of days between diagnosis date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DIAGNOSIS_MONTH_MCR | Month of diagnosis | 1-12 99=Unknown | Num |
| DIAGNOSIS_YEAR_MCR | Year of diagnosis | YYYY | Num |
| MARITAL_MCR | Marital status at diagnosis | 1=Single (never married) 2=Married (including common law) 3=Separated 4=Divorced 5=Widowed 6=Unmarried or Domestic Partner (same sex or opposite sex, registered or unregistered, other than common law marriage) 9=Unknown | Num |

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|-------------------------------------|--|--------|
| PAYER_MCR | Primary payer at diagnosis | 1 = Not insured 2 = Not insured, self-pay 10= Insurance, NOS 20 = Private Insurance: Managed care, HMO, or PPO 21 = Private Insurance: Fee-for-Service 31 = Medicaid 35 = Medicaid - Administered through a Managed Care plan 60 = Medicare/Medicare, NOS 61 = Medicare with supplement, NOS 62 = Medicare - Administered through a Managed Care plan 63 = Medicare with private supplement 64 = Medicare with Medicaid eligibility 65 = TRICARE 66 = Military 67 = Veterans Affairs 68 = Indian/Public Health Service 99 = Insurance status unknown | Num |
| RACE_MCR | Race/ethnicity | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Unknown | Num |
| RES_ZIP_MCR | Zip code of residence at diagnosis | 5 digit zip 99999=Unknown | Char |
| RESCODE_MCR | DPH code for city/town of residence | 1-351 999=Unknown | Num |
| SEX_MCR | Gender | 1 = Male 2 = Female 3 = Other 9 = Unknown | Num |

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|---|--------|
| STAGE_MCR | This is a SEER Summary Stage 2000 code derived from the Collaborative Staging system | 0 = In-situ/Non-invasive 1 = Localized 2 = Regional by direct extension 3 = Regional to lymph nodes 4 = Regional by direct extension and to lymph nodes 5 = Regional 6 = NOS 7= Distant or disseminated 8 = Benign or borderline brain/CNS 9 = Unknown | Num |

Massachusetts Cancer Registry

Analytic Data Dictionary

(PHDMCR.MCR)

| Cancer Type | Site Group |
|---|--------------------------------|
| Oral Cavity and Pharynx | |
| 20010 | Lip |
| 20020 | Tongue |
| 20030 | Salivary Gland |
| 20040 | Floor of Mouth |
| 20050 | Gum and Other Mouth |
| 20060 | Nasopharynx |
| 20070 | Tonsil |
| 20080 | Oropharynx |
| 20090 | Hypopharynx |
| 20100 | Other Oral Cavity and Pharynx |
| Digestive System | |
| 21010 | Esophagus |
| 21020 | Stomach |
| 21030 | Small Intestine |
| Colon excluding Rectum | |
| 21041 | Cecum |
| 21042 | Appendix |
| 21043 | Ascending Colon |
| 21044 | Hepatic Flexure |
| 21045 | Transverse Colon |
| 21046 | Splenic Flexure |
| 21047 | Descending Colon |
| 21048 | Sigmoid Colon |
| 21049 | Large Intestine, NOS |
| Rectum and Rectosigmoid Junction | |
| 21051 | Rectosigmoid Junction |
| 21052 | Rectum |
| 21060 | Anus, Anal Canal and Anorectum |

| | |
|---|-------|
| Liver and Intrahepatic Bile Duct | |
| 21071 | Liver |

| Cancer Type | Site Group |
|---------------------------------------|-------------------------------------|
| Corpus and Uterus, NOS | |
| 27020 | Corpus Uteri |
| 27030 | Uterus, NOS |
| 27040 | Ovary |
| 27050 | Vagina |
| 27060 | Vulva |
| 27070 | Other Female Genital Organs |
| Male Genital System | |
| 28010 | Prostate |
| 28020 | Testis |
| 28030 | Penis |
| 28040 | Other Male Genital Organs |
| Urinary System | |
| 29010 | Urinary Bladder |
| 29020 | Kidney and Renal Pelvis |
| 29030 | Ureter |
| 29040 | Other Urinary Organs |
| Eye and Orbit | |
| 30000 | Eye and Orbit |
| Brain and Other Nervous System | |
| 31010 | Brain |
| 31040 | Cranial Nerves Other Nervous System |
| Endocrine System | |
| 32010 | Thyroid |
| 32020 | Other Endocrine including Thymus |
| Hodgkin Lymphoma | |
| 33011 | Hodgkin - Nodal |
| 33012 | Hodgkin - Extranodal |

| | |
|-----------------------------|-------------|
| Non-Hodgkin Lymphoma | |
| 33041 | NHL - Nodal |

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

| Cancer Type | Site Group |
|--|---|
| 21072 | Intrahepatic Bile Duct |
| 21080 | Gallbladder |
| 21090 | Other Biliary |
| 21100 | Pancreas |
| 21110 | Retroperitoneum |
| 21120 | Peritoneum, Omentum and Mesentery |
| 21130 | Other Digestive Organs |
| Respiratory System | |
| 22010 | Nose, Nasal Cavity and Middle Ear |
| 22020 | Larynx |
| 22030 | Lung and Bronchus |
| 22050 | Pleura |
| 22060 | Trachea, Mediastinum and Other Respiratory Organs |
| Bones and Joints | |
| 23000 | Bones and Joints |
| Soft Tissue including Heart | |
| 24000 | Soft Tissue including Heart |
| Skin excluding Basal and Squamous | |
| 25010 | Melanoma of the Skin |
| 25020 | Other Non-Epithelial Skin |
| Breast | |
| 26000 | Breast |
| Female Genital System | |
| 27010 | Cervix Uteri |

| Cancer Type | Site Group |
|---------------------------------------|----------------------------------|
| 33042 | NHL - Extranodal |
| Myeloma | |
| 34000 | Myeloma |
| Lymphocytic Leukemia | |
| 35011 | Acute Lymphocytic Leukemia |
| 35012 | Chronic Lymphocytic Leukemia |
| 35013 | Other Lymphocytic Leukemia |
| Myeloid and Monocytic Leukemia | |
| 35021 | Acute Myeloid Leukemia |
| 35031 | Acute Monocytic Leukemia |
| 35022 | Chronic Myeloid Leukemia |
| 35023 | Other Myeloid/Monocytic Leukemia |
| Other Leukemia | |
| 35041 | Other Acute Leukemia |
| 35043 | Aleukemic, subleukemic and NOS |
| Mesothelioma | |
| 36010 | Mesothelioma |
| Kaposi Sarcoma | |
| 36020 | Kaposi Sarcoma |
| Miscellaneous | |
| 37000 | Miscellaneous |
| Invalid | |
| 99999 | Invalid |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

Prescription Monitoring Program – PMP (PHDPMP.PMP)

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|---|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_PMP | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered possible matches. Candidates in this group could match on as little as SSN or date of birth and first name. These candidates are included for completeness.</p> | Num |
| AGE_PMP | Age of patient based on the fill date for this prescription | <p>Age in years. If less than 1 age = 0 (120 is the max age, anything older was set to missing)</p> <p>999=missing</p> | Num |
| BENZO_PMP | Is prescription a benzodiazepine? Inclusion criteria below | <p>0=no</p> <p>1= yes</p> | Num |
| BUP_WAIVER | <p>Is prescriber buprenorphine waived?</p> <p>(in data 2011-2019 only)</p> | <p>**Please note, this variable is only available for data from 2011-2019. Additionally, In April 2021 Buprenorphine waiver guidelines were changed - Practitioners do not need a waiver if they are treating no more than 30 patients at any one time. **</p> <p>0=No Waiver</p> <p>1=Waivered</p> <p>(blank) = data not available, starts in 2020</p> | Num |
| BUPRENORPHINE_PMP | Is prescription a buprenorphine product? Inclusion criteria below | <p>0=no</p> <p>1= yes</p> | Num |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|--|--------|
| BUP_CAT_PMP | How is this NDC formulation normally used? (Please note this does not account for off-label usages) | 1=MOUD 2=Pain 9=Missing 99=Not Buprenorphine | Num |
| BUSINESS_ACTIVITY | Code for type of registrant (e.g., pharmacy, hospital, prescriber, manufacturer, etc.) | 1=Pharmacy 2=Hospital/clinic 3=Practitioner 4=Teaching institution 5=Researcher or canine handler 6=Midlevels and Misc. 9=Missing | Num |
| DATE_FILLED | Date prescription was filled. | Date Proxy – count of days between fill date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DATE_FILLED_MONTH | Month the rx was filled | Months, 1-12 | Num |
| DATE_FILLED_YEAR | Year the rx was filled | Years, YYYY format | Num |
| DATE_WRITTEN | Date Rx Written | Date Proxy – count of days between write date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DATE_WRITTEN_MONTH | Month the RX was written | Months, 1-12 | Num |
| DATE_WRITTEN_YEAR | Year the RX was written | Years, YYYY format | Num |
| DAYS_SUPPLY | Estimated Number of days the medication will last. | Integer 1-999 | Num |
| DEA_CLASS | Indicates the class to which the Drug Enforcement Administration has assigned the product under the Controlled Substances Act of 1970. | 2=Schedule 2 3=schedule 3 4=schedule 4 5=schedule 5 9=Other RX | Num |
| DOSE_UNITS | Drug Dosage Units Code: Identifies the unit of measure for the quantity dispensed. | 1=Each 2=Milliliters 3=Grams 9=missing | Num |
| FORM_CODE | Designates the dosage form or the type of medical supply, with the following codes. | See code list | char |
| GENERIC_NAME | Generic name of the product | Text field | char |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|---|--------|
| GFC_CODE | Generic Formulation Code: Supplies a unique 6-digit code identifying drugs with common active ingredients, master dosage form, strength, and route of administration. The GFC is not manufacturer or package size specific, and can therefore be used in preparation of drug utilization reports and analysis of generic alternatives for substitution and formulary development. | just Numbers, 6 digits | char |
| HOMELESS_PMP | Did patient's residence address match a known homeless shelter or was prescription written by prescriber who primarily sees homeless patients? | 0=No indication of homeless 1=Homeless based on address match only 2=Homeless based on prescriber only 3=Homeless based on both address and prescriber | Num |
| MME_AVG | Average daily MME for the prescription | Strength_Per_Unit*(dose/dayssupply)*MME_Factor range 0-46080 (no decimal points) Only calculated for opioids **Values are missing starting in 2021 as the CDC is no longer providing their conversion document** | Num |
| MME_RX | Total MME for the prescription | Strength_Per_Unit*Dose*MME_Factor range 0-100000 (no decimal points) Only calculated for opioids **Values are missing starting in 2021 as the CDC is no longer providing their conversion document** | Num |
| NDC | Product ID | Character field holding 11-digit Numeric string | char |
| OPIOID_PMP | Inclusion and Exclusion criteria below | 0=no 1= yes | Num |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| Variable Name | Variable Description | Meta Data | Format |
|------------------|---|---|--------|
| PAYMENT_TYPE_PMP | Classification Code for Payment Type: Code identifying the type of payment, i.e. how it was paid for, if required by the PMP | 1=Private Pay (Cash, Charge, Credit Card) 2=Medicaid 3=Medicare 4=Commercial Insurance 5=Military Installations and VA 6=Workers' Compensation 7=Indian Nations 99=Other | Num |
| PHARM_CITY_CODE | Pharmacy city | 1-351 for valid MA city/town 999=Unknown | Num |
| PHARM_DEA | DEA Number Identifier assigned to the pharmacy by the Drug Enforcement Administration. | 9-character ID 2 alpha following by 7 Numeric i.e., AB1234567 | char |
| PHARM_NAME | Name of pharmacy | Text field | char |
| PHARM_NCPDP | First 7 characters of the ASAP NCPDP/NABP Provider ID field. Identifier assigned to pharmacy by the National Council for Prescription Drug Programs. Used if required by the PMP. | Character field holding 7-digit Numeric string | char |
| PHARM_NPI | National Provider Identifier (NPI). Identifier assigned to the pharmacy by CMS. Used if required by the PMP. | Character field holding 10-digit Numeric string | char |
| PHARM_STATE | Pharmacy state | 2-character state abbreviation | char |
| PHARM_ZIP | Pharmacy zip code | 5-digit zip 99999=Unknown | char |
| PREGABALIN_PMP | Is prescription a pregabalin product? Inclusion criteria below | 0=no 1= yes | Num |
| PRESC_CITY_CODE | City | 1-351 for valid MA city/town 999=Unknown | Num |
| PRESC_DEA | Prescriber DEA Number. | 9-character ID 2 alpha following by 7 Numeric i.e. AB1234567 | Char |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|---|--------|
| PRESC_DEGREE | Professional degree of the provider. | 1=MD 2=DO 3=Dentist 4=Podiatrist 5=Pharmacist 6=Optometrist 7=Mid-level provider (NP, PA, APN, etc.) *If presc_degree is 7 but presc_role (in PHDPMP.PMP_RS) has a different value (like an MD), defer to presc_role. Missing values were assigned a value of 7 as they are almost always a midlevel provider, but presc_role may have additional information* | Num |
| PRESC_NPI | National Provider Identifier (NPI). Identifier assigned to the prescriber by CMS. | Character field holding 10-digit Numeric string *This field is available starting in 2020 in PHD data | char |
| PRESC_ZIP | Zip code (First 5 characters) | 5-digit zip 99999=Unknown | char |
| PRODUCT_NAME | Supplies the name given to the product by the manufacturer. | Text field | char |
| QUANTITY | Quantity Dispensed: Number of metric units dispensed in metric decimal format. | Numeric value (may include up to 2 decimal places) | Num |
| REFILL_NUM | Refill Number: Number of the fill of the prescription. | 0 indicates New Rx 1-99 is the refill Number. | Num |
| REFILL_WRITTEN | The Number of refills authorized by the prescriber. | Integer 0-99 | Num |
| RELATION_TO_PATIENT | Relationship of Person Dropping Off or Picking Up Rx. Code indicating the relationship of the person, if required by the PMP | 1=Patient 2=Other | Num |
| RES_CODE_PMP | City of patient | 1-351 for valid MA city/town 999=Unknown | Num |
| RES_ZIP_PMP | Abbreviated Zip code of patient | 5-digit zip 99999=Unknown | char |

**Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)**

| Variable Name | Variable Description | Meta Data | Format |
|------------------|--|---|--------|
| ROA_CODE | Route of Administration Code: Identifies the product's intake or application method. Following are the codes and their interpretation. | See code list | char |
| SEX_PMP | Sex of patient | 1=Male 2=Female 9=Unknown | Num |
| SOLID_LIQUID | Indicates the product's composition and appears in all records. | 1=Solid 2=Liquid 9=missing | Num |
| STRENGTH_NAME | Supplies the strength of the product. | Text field | char |
| SUBOPIOID_PMP | Categorizes the type of opioid that was prescribed | 1= Butorphanol 2= Codeine 3= Difenoxin 4= Diphenoxylate 5= Eluxadoline 6= FENTANYL 7= Hydrocodone 8= Hydromorphone 9= Levorphanol 10= Meperidine 11= Methadone 12= Morphine 13= Opium 14= Oxycodone 15= Oxymorphone 16= Pentazocine 17= Propoxyphene 18= Tapentadol 19= Tramadol 99= not an opioid | Num |
| THERA_CLASS_CODE | Supplies the therapeutic/pharmacologic category of the product. | See code list | Num |
| VA_PMP | Flag for whether or not prescription was filled via VA or had a VA provider | 0=Not VA anything 1= VA Filled Script, VA provider, or VA paid | Num |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

CODE LISTS

| Form Code | Form Desc | Form Code | Form Desc |
|------------------|--|------------------|--|
| AF | FOAM (GRAM) | KQ | PASTE (ML) |
| AJ | AEROSOL WITH ADAPTER (GRAM) | KW | CREAM WITH APPLICATOR |
| AL | AMPUL FOR NEBULIZATION (ML) | LK | TABLET, ORAL ONLY, IR AND ER, BIPHASIC |
| AN | VIAL, NEBULIZER (ML) | LP | LOZENGE ON A HANDLE |
| AO | AEROSOL, BREATH ACTIVATED | LY | TABLET,ORAL ONLY,EXTENDED RELEASE 24 HR |
| AQ | AEROSOL, SPRAY (GRAM) | MA | MUCOADHESIVE SYSTEM,EXTEND.RELEASE 12 HR |
| AS | AEROSOL, SPRAY (ML) | MD | CAPSULE,ORAL ONLY, EXT. RELEASE PELLETS |
| AT | AEROSOL, SPRAY WITH PUMP (ML) | MH | CAPSULE,ORAL ONLY, EXTENDED RELEASE 12HR |
| AU | SPRAY, NON-AEROSOL (ML) | MJ | PATCH,TRANSDERMAL 3 DAY |
| AX | SPRAY, NON-AEROSOL (EA) | MS | TABLET,CHEW,IR AND ER BIPHASIC REL 24HR |
| AY | AEROSOL POWDER, BREATH ACTIVATED (EA) | MW | TABLET,DISINTEGRATING,ER BIPHASIC 24 HR |
| BJ | HFA AEROSOL WITH ADAPTER (GRAM) | MZ | SUSPENSION,IMMED,EXTEN REL BIPHASIC 24HR |
| BK | SPRAY, SUSPENSION | NB | CREAM WITH PERINEAL APPLICATOR |
| BL | SUSP FOR RECON,DELAYED REL. IN A PACKET | NF | CAPSULE SPRINKLE,ER 12 HR(TAMPER RESIST) |
| BN | AEROSOL, SPRAY WITH PUMP (GRAM) | NI | CAPSULE (WITH DELAYED RELEASE TABLETS) |
| BQ | SPRAY, SUSPENSION (ML) | OA | OINTMENT (GRAM) |
| CA | CAPSULE | OM | TABLET, ORAL ONLY, EXTENDED RELEASE |
| CB | CAPSULE, EXTENDED RELEASE 12 HR | OW | OINTMENT WITH APPLICATOR |
| CC | CAPSULE, EXT RELEASE 24 HR | PA | POWDER (GRAM) |
| CD | CAPSULE, WITH INHALATION DEVICE | PC | CRYSTALS |
| CE | CAPSULE,DELAYED RELEASE (ENTERIC COATED) | PG | GRANULES (GRAM) |
| CG | CAPSULE,EXTENDED RELEASE BIPHASIC 30-70 | PI | SOLUTION, RECONSTITUTED, ORAL |
| CH | CAPSULE,EXTENDED RELEASE BIPHASIC 50-50 | PJ | SUSPENSION, EXTENDED RELEASE 12 HR |
| CI | CAPSULE,EXTENDED RELEASE MULTIPHASE 12HR | PK | PATCH, TRANSDERMAL WEEKLY |
| CJ | CAPSULE,EXTENDED RELEASE MULTIPHASE 24HR | PL | CLEANSER (GRAM) |
| CK | CAPSULE, SPRINKLE | PP | PACKET (EA) |
| CN | CAPSULE, EXTENDED RELEASE PELLETS | PQ | PATCH, TRANSDERMAL SEMIWEEKLY |
| CP | CAPSULE, EXTENDED RELEASE PELLETS 24 HR | PR | PATCH, TRANSDERMAL 72 HOURS |
| CR | CAPSULE, EXTENDED RELEASE 24HR | PS | ADHESIVE PATCH, MEDICATED |
| CS | CAPSULE, EXTENDED RELEASE | PV | PATCH, TRANSDERMAL 24 HOURS |
| CT | CAPSULE,EXTENDED-RELEASE 24HR DEGRADABLE | QA | SUPPOSITORY, RECTAL |
| CU | CAPSULE, ER SPRINKLE, BIPHASIC 40-60 | QB | INSERT |
| CX | CAPSULE, DELAYED RELEASE, BIPHASIC | QC | SUPPOSITORY, VAGINAL |
| DB | DROPPERETTE, GEL | QV | RING, VAGINAL |
| DF | CAPSULE, DELAYED, AND EXTENDED RELEASE | QY | CAPSULE, EXTENDED RELEASE TRIPHASIC 24HR |
| DH | GEL, EXTENDED RELEASE (ML) | QZ | SUSPENSION,EXTENDED RELEASE,RECONST.24HR |
| DJ | DROPS, GEL (ML) | RB | EMULSION (GRAM) |
| DL | CAPSULE,EXT.RELEASE 24 HR BIPHASIC 25-75 | RL | LIQUID (GRAM) |
| DN | CAPSULE,EXT.RELEASE 24 HR BIPHASIC 17-83 | RP | DROPS, WITH APPLICATOR (ML) |
| DO | AEROSOL, SPRAY WITH PUMP (EA) | SA | SOLUTION, NON-ORAL |
| DP | DROPPERETTE, SINGLE-USE DROP DISPENSER | SC | SUSPENSION, ORAL (FINAL DOSE FORM) |
| EA | EACH | SE | ELIXIR |
| ET | PADS, MEDICATED (EA) | SF | ENEMA (ML) |
| EX | TABLET, EXTENDED RELEASE 24 HR | SJ | SOLUTION, ORAL |
| EY | SOLUTION IN METERED-DOSE PUMP WITH APPL. | SK | LOTION (ML) |
| FF | TABLET, EXTENDED RELEASE 12 HR | SL | LIQUID (ML) |
| FI | FILM, MEDICATED (EA) | SM | MOUTHWASH |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| Form Code | Form Desc | Form Code | Form Desc |
|------------------|--|------------------|--|
| FJ | TABLET, ORAL ONLY | SN | SUSPENSION, DROPS(FINAL DOSAGE FORM)(ML) |
| FT | TABLET,ORAL ONLY,EXTENDED RELEASE 12 HR | SO | DROPS |
| FZ | CAPSULE SPRINKLE, EXTENDED RELEASE 24 HR | SQ | OIL (ML) |
| GD | SPACER (EA) | SS | SHAMPOO |
| GK | BLISTER, WITH INHALATION DEVICE | ST | SYRUP |
| GN | MIST INHALER (GRAM) | SW | SOLUTION, IRRIGATION |
| GQ | CAPSULE, DELAYED RELEASE SPRINKLE | SX | TINCTURE |
| GR | DROPS, GEL (GRAM) | SY | CONCENTRATE, ORAL |
| GW | NASAL SPRAY SYRINGE (EA) | SZ | LOTION (GRAM) |
| GY | SYRINGE KIT (EA) | TA | TABLET |
| HH | AMPUL (ML) | TB | TABLET, SOLUBLE |
| HI | CARTRIDGE (EA) | TC | TABLET, CHEWABLE |
| HJ | CARTRIDGE (ML) | TE | TABLET, DELAYED RELEASE (ENTERIC COATED) |
| HJ | SYRINGE (ML) | TF | TABLET, EFFERVESCENT |
| HM | INTRAVENOUS SOLUTION | TG | GUM |
| HQ | SYRINGE (ML) | TH | TABLET, HYPODERMIC |
| HS | VIAL (EA) | TI | TABLET, EXTENDED RELEASE 24 HR |
| HV | VIAL (ML) | TL | LOZENGE |
| HX | SYRINGE (EA) | TM | TABLET, EXTENDED RELEASE 12 HR |
| HZ | PLASTIC BAG, INJECTION (ML) | TP | PELLET (EA) |
| IA | IMPLANT (EA) | TQ | TABLET, EXT RELEASE, PARTICLES/CRYSTALS |
| ID | PATIENT CONTROLLED ANALGESIA VIAL | TS | TABLET, EXTENDED RELEASE |
| IG | VIAL WITH THREADED PORT (ML) | TT | TROCHE |
| II | JELLY (ML) | TU | TABLET, SUBLINGUAL |
| IJ | PEN INJECTOR (ML) | UB | TABLET, EXTENDED RELEASE MULTIPHASE |
| IK | PEN INJECTOR KIT (EA) | UD | TABLET, DOSE PACK |
| IO | INSULIN PEN (ML) | UH | TABLET, DOSE PACK, 3 MONTHS |
| IS | AUTO-INJECTOR (ML) | UJ | TABLET,DISINTEGRATING, DELAYED RELEASE |
| IT | AUTO-INJECTOR (EA) | UL | TABLET,DISINTEGRATING |
| JA | JELLY (GRAM) | UP | TABLET,EXTENDEDRELEASE MULTIPHASE 24 HR |
| JC | GEL (ML) | UU | TABLET, CHEWABLE DISPERSIBLE |
| JG | GEL (GRAM) | VG | HFA AEROSOL, BREATH ACTIVATED (GRAM) |
| JL | POWDER IN PACKET (EA) | VK | SOLUTION,EXTENDED RELEASE SYRINGE (ML) |
| JP | GEL IN PACKET (GRAM) | VQ | SUSPENSION,EXTENDED RELEASE SYRINGE (EA) |
| JQ | GRANULES IN PACKET (EA) | VS | TABLET FOR SUSPENSION |
| JR | GEL IN METERED-DOSE PUMP | VX | TABLET,SUSTAINED-RELEASE 12 HR |
| JS | GEL-FORMING SOLUTION | YH | NEEDLE, DISPOSABLE |
| JV | GEL WITH APPLICATOR (GRAM) | YK | KIT |
| KA | CREAM (GRAM) | YL | SYRINGE, EMPTY DISPOSABLE |
| KH | CREAM IN PACKET (EA) | YR | STRIP |
| KP | PASTE (GRAM) | | |

Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)

| <u>ROA Code</u> | ROA_Code Description | ROA_Code | ROA_Code Description |
|-----------------|----------------------|----------|----------------------|
| BC | Buccal mucosa | MM | Mucous Membrane |
| DE or DT | Dental | NA | Route Not Applicable |
| EP | Epidural | NS | Nasal |
| IC | Intracavernosal | OP | Ophthalmic |
| ID | Intradermal | OT | Otic |
| IH | Inhalation | PL | Intrapleural |
| IJ | Injection | PO | Oral |
| IL | Urinary bladder | PT | Intraperitoneal |
| IM | Intramuscular | RC | Rectal |
| IN | Intrathecal | SC | Subcutaneous |
| IO | Intraocular | SG | Gingival |
| IP | Implantation | SL | Sublingual |
| IR | Irrigation | SQ | Subcutaneous |
| IT | Intratracheal | TD | Transdermal |
| IU | Intrauterine | TP | Topical application |
| IV | Intravenous | UR | Urethral |
| MC | Miscellaneous | VG | Vaginal |

| <u>Thera Class Code</u> | Desc |
|-------------------------|--|
| 1 | Amphetamine Derivatives |
| 2 | Amphetamines |
| 3 | Analgesics and Antipyretics, Misc. |
| 4 | Androgens |
| 5 | Anticonvulsants, Miscellaneous |
| 6 | Antidiarrhea Agents |
| 7 | Antiemetics, Miscellaneous |
| 8 | Antimuscarinics /Antispasmodics |
| 9 | Antitussives |
| 10 | Anxiolytics, Sedatives & Hypnotics,Misc. |
| 11 | Barbiturates (Anticonvulsants) |
| 12 | Barbiturates (Anxiolytic, Sedative/Hyp) |
| 13 | Benzodiazepines (Anticonvulsants) |
| 14 | Benzodiazepines (Anxiolytic,Sedativ/Hyp) |
| 15 | Central Nervous System Agents, Misc. |
| 16 | Centrally Acting Skeletal Muscle Relaxnt |
| 17 | General Anesthetics, Miscellaneous |
| 18 | Gi Drugs, Miscellaneous |
| 19 | Local Anesthetics (Eent) |
| 20 | Opiate Agonists |
| 21 | Opiate Partial Agonists |
| 22 | Respiratory And Cns Stimulants |
| 23 | Salicylates |
| 24 | Selective Serotonin Receptor Agonists |
| 25 | Tricyclics & Other Norepineph.-Ru Inhib |
| 26 | Wakefulness-Promoting Agents |
| 99 | Missing |

**Prescription Monitoring Program
Analytic Data Dictionary
(PHDPMP.PMP)**

Appendix

Benzo_PMP:

Includes: ALPRAZOLAM, CHLORDIAZEPOXIDE HCL, CHLORDIAZEPOXIDE HCL/METHSCOPOLAMINE NITRATE, CHLORDIAZEPOXIDE/CLIDINIUM BROMIDE, AMITRIPTYLINE HCL/CHLORDIAZEPOXIDE, CLOBAZAM, CLONAZEPAM, CLORAZEPATE DIPOTASSIUM, DIAZEPAM, ESTAZOLAM, FLURAZEPAM HCL, LORAZEPAM, MIDAZOLAM HCL, MIDAZOLAM HCL/PF, OXAZEPAM, QUAZEPAM, TEMAZEPAM, TRIAZOLAM

Buprenorphine_PMP

Includes: BUPRENORPHINE, BUPRENORPHINE HCL, BUPRENORPHINE HCL/NALOXONE HCL

Opioid_PMP:

Excludes: BUPRENORPHINE, BUPRENORPHINE HCL, BUPRENORPHINE HCL/NALOXONE HCL

Includes: BUTORPHANOL TARTRATE, CODEINE PHOSPHATE; CODEINE SULFATE; CODEINE POLISTIREX; DIHYDROCODEINE BITARTRATE, DIFENOXIN HCl, DIPHENOXYLATE HCl, ELUXADOLINE, FENTANYL; FENTANYL CITRATE; FENTANYL CITRATE/PF, HYDROCODONE; HYDROCODONE BITARTRATE; HYDROCODONE POLISTIREX, HYDROMORPHONE HCL; HYDROMORPHONE HCL/PF, LEVORPHANOL TARTRATE, MEPERIDINE HCL; MEPERIDINE HCL/PF, METHADONE HCL, MORPHINE SULFATE, OPIUM/BELLADONNA ALKALOIDS; OPIUM TINCTURE; PAREGORIC, OXYCODONE HCL; OXYCODONE MYRISTATE, OXYMORPHONE HCL, PENTAZOCINE HCL, PROPOXYPHENE HCL; PROPOXYPHENE NAPSYLATE, TAPENTADOL HCL, TRAMADOL HCL

Pregabalin_PMP

Includes: PREGABALIN

Prescription Monitoring Program Role and Specialty Lookup
Analytic Data Dictionary
(PHDPMP.PMP_RS)

Prescription Monitoring Program Role Spec (PHDPMP.PMP_RS)

| Variable Name | Variable Description | Meta Data | Format |
|---------------|--|--|--------|
| PRESC_DEA | Link to the Prescriber DEA Number. | 9-character ID 2 alpha following by 7 Numeric i.e. AB1234567 (Link this variable in PHDPMP.PMP_RS to same variable in PHDPMP.PMP) | Char |
| PRESC_ROLE | All current MassPAT users have assigned roles. Legacy users, users prior to MassPAT and not using MassPAT due to job change or other reasons will have no MassPAT role | Text field | Char |
| PRESC_SPEC1 | Level 1 specialty of the prescriber | Text field | Char |
| PRESC_SPEC2 | Level 2 specialty of the prescriber | Text field | Char |
| PRESC_SPEC3 | Level 3 specialty of the prescriber | Text field | Char |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Spine Demographic Variables (PHDSPINE.DEMO)

Update V11 These preliminary variables have been created to allow for code development. They will be updated as we receive new data, which will likely change the values. Please refer to the “Last Updated” column to determine when each variable was last updated. The following data are NOT yet in the PHD:

| Dataset and years | | Anticipated Ready Date | | |
|---|--|------------------------|--|--|
| Early Intervention (2018-2020) | | TBD | | |
| MCR (2021-2022) | | TBD | | |
| Essex HOC (2021-2023) | | Spring 2024 | | |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | | TBD | | |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|-----------------|---|--|--------|--------------|
| ID | PHD ID | 9 character alphanumeric ID | Char | N/A |
| APCD_MED | Indicates that an individual has at least one medical claim in the PHD’s APCD cut. | 0= there are no medical claims in PHD’s cut of APCD medical associated with this ID 1= there is at least one medical claim in PHD’s cut of APCD medical associated with this ID | Num | 06/16/2023 |
| APCD_ANYCLAIM | Indicates that an individual has at least one claim (medical, dental, or pharmacy) in the PHD’s APCD cut. | 0= there are no medical, dental, OR pharmacy claims in PHD’s cut of APCD associated with this ID 1= there is at least one medical, dental, OR pharmacy claim in PHD’s cut of APCD associated with this ID | Num | 06/16/2023 |
| DISABILITY_DD | What is the first year on record that this individual met the developmental disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_HEAR | What is the first year on record that this individual met the hearing disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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| Dataset and years | | Anticipated Ready Date | | |
|---|--|------------------------|--|--|
| Early Intervention (2018-2020) | | TBD | | |
| MCR (2021-2022) | | TBD | | |
| Essex HOC (2021-2023) | | Spring 2024 | | |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | | TBD | | |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|---------------------|--|--|--------|--------------|
| DISABILITY_ID | What is the first year on record that this individual met the intellectual disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_MENTAL | What is the first year on record that this individual met the mental health disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_MOBILITY | What is the first year on record that this individual met the mobility disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_VISION | What is the first year on record that this individual met the vision disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_UNCAT | What is the first year on record that this individual met the uncategorized disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_CANCER | What is the first year on record that this individual met the cancer disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| DISABILITY_CHRONIC | What is the first year on record that this individual met the chronic disability definition? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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| Dataset and years | Anticipated Ready Date |
|---|------------------------|
| Early Intervention (2018-2020) | TBD |
| MCR (2021-2022) | TBD |
| Essex HOC (2021-2023) | Spring 2024 |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | TBD |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|-------------------|---|--|--------|--------------|
| DISABILITY_COMBO | What is the first year on record that this individual met the disability definition for one of the following variables: DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, or DISABILITY_UNCAT? | YYYY 9999 = year missing (but definition met) | Num | 02/23/2024 |
| EDUCATION | Highest level of education | 1 = HS or less 2 = 13+ years 3= Not of School Age 8= Missing in dataset 9= Not collected 10=Special Education | Num | 11/28/2023 |
| EVER_INCARCERATED | Has person been incarcerated in MA's DOC or Berkshire, Essex, Franklin, Hampden, Hampshire, Middlesex, Norfolk, Plymouth, Suffolk, or Worcester HOC? | 0=No 1=Yes | Num | 11/22/2023 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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| MCR (2021-2022) | | TBD | | |
| Essex HOC (2021-2023) | | Spring 2024 | | |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | | TBD | | |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|---------------|---|--|--------|--------------|
| FINAL_RE | Resolves an ID to one race/ethnicity value based on a system of tiering the PHD datasets and using revised Vitals Methodology when dealing with multiple values | 1 = White Non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other non-Hispanic 9 = Missing 99=Not an MA resident | Num | 02/23/2024 |
| FINAL_SEX | Resolves an ID to one sex value based on a system of tiering the PHD datasets | 1=Male 2=Female 9=Missing 99=Not an MA resident | Num | 02/23/2024 |
| FOREIGN_BORN | Born outside the US? | 0=No 1=Yes 8= Missing in dataset 9= Not collected | Num | 09/01/2023 |
| HOMELESS | Has the person been identified as homeless at the time of contact? | 0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or diagnostic code 9=unknown | Num | 11/28/2023 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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|---|--|------------------------|--|--|
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| MCR (2021-2022) | | TBD | | |
| Essex HOC (2021-2023) | | Spring 2024 | | |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | | TBD | | |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|-------------------------|---|--|--------|--------------|
| HOMELESS_HISTORY | Has the person answered that they been homeless at least once in the past? | 0=No 1=Yes 9=unknown | Num | 11/28/2023 |
| INDUSTRY_CODE | Do we have <u>an</u> industry code? | 0=No 1=Yes 9=missing/unknown | Num | 11/28/2023 |
| OCCUPATION_CODE | Do we have an industry or occupation code? | 0=No 1=Yes 9=missing/unknown | Num | 11/28/2023 |
| INDUSTRY_MANY | Do we have more than one industry code? | 0=No 1=Yes 9=missing/unknown | Num | 11/28/2023 |
| OCCUPATION_MANY | Do we have more than one occupation code? | 0=No 1=Yes 9=missing/unknown | Num | 11/28/2023 |
| LANGUAGE | Is a language other than English the primary language? (if LANGUAGE=2 or 3 see OTHER_LANG1=OTHER_LANG 3 for specific language) | 0=not provided 1=English only 2=English and another language 3=Another language 9=Unknown/missing | Num | 11/28/2023 |
| OTHER_LANG1-OTHER_LANG3 | non-English language spoken | See OTHER LANG | Num | 12/6/2023 |
| NON_MA | Is this individual likely not an MA resident? | 0= individual found in at least one other dataset (including the APCD datasets that have a zip code variable) 1=individual not found in any existing dataset in PHD | Num | 11/28/2023 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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| Dataset and years | Anticipated Ready Date |
|---|------------------------|
| Early Intervention (2018-2020) | TBD |
| MCR (2021-2022) | TBD |
| Essex HOC (2021-2023) | Spring 2024 |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | TBD |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|---------------|--|---|--------|--------------|
| RACEETH_MANY | (For those where RaceEth_Never = 0). Is there more than one race/ethnicity value recorded for this PHD ID across all data sets or within a data set? | 0=No 1= Yes, recorded race or ethnicity changes | Num | 02/23/2024 |
| RACEETH_NEVER | Is there no race or ethnicity recorded for this PHD ID across all data sets or within any data sets? | 0=No 1=Yes, no race or ethnicity recorded | Num | 02/23/2024 |
| SELF_FUNDED | This flags individuals we can find starting in March 2016 and onward in PHD data that we cannot find having an APCD record in March 2016 and onward (but that also had an APCD record in 2014-Feb 2016) - what does that mean? It most likely means they are on a self-funded insurance plan (which no longer is required to report APCD data as of 2016) but that we can tell they are still present in the state after they stopped having visible APCD data | 0=No 1=In state still, but most likely on a self-funded insurance plan so they will not have APCD data | Num | 11/28/2023 |
| SEX_MANY | (For those where Sex_Never = 0) Is there more than one sex value recorded for this PHD ID across all data sets or within a data set? | 0=No 1= Yes, recorded sex changes | Num | 02/23/2024 |

Spine Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Update V11 These preliminary variables have been created to allow for code development. They will be updated as we receive new data, which will likely change the values. Please refer to the “Last Updated” column to determine when each variable was last updated. The following data are NOT yet in the PHD:

| Dataset and years | | Anticipated Ready Date | | |
|---|--|------------------------|--|--|
| Early Intervention (2018-2020) | | TBD | | |
| MCR (2021-2022) | | TBD | | |
| Essex HOC (2021-2023) | | Spring 2024 | | |
| Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC | | TBD | | |

| Variable Name | Variable Description | Meta Data | Format | Last Updated |
|---------------|--|---|--------|--------------|
| SEX_NEVER | Is there no sex recorded for this PHD ID across all data sets or within any data sets? | 0=No 1=Yes, no sex recorded | Num | 02/23/2024 |
| VETERAN | Is the individual a US Veteran? | 0 = No or missing information 1= Yes | Num | 11/28/2023 |
| WRITTEN_LANG1 | Primary written language | See OTHER LANG | Num | 11/28/2023 |
| WRITTEN_LANG2 | Second written language | See OTHER LANG | Num | 11/28/2023 |

*lang are numeric for top 10 spoken in Massachusetts, then listed alphabetically.

| OTHER LANG |
|----------------------------|
| 1= English |
| 2= Spanish |
| 3= Portuguese |
| 4= Chinese |
| 5= French |
| 6= Vietnamese |
| 7= Italian |
| 8= Russian |
| 9= Arabic |
| 10= Greek |
| 11= Albanian |
| American Sign |
| 12= Language |
| 13= Amharic |
| 14= Armenian |
| 15= Bengali |
| 16= Bosnian |
| 17= Bulgarian |

Spine Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

| <u>OTHER LANG</u> |
|---------------------------|
| 18= Cambodian |
| 19= Cantonese |
| 20= Cape Verdean |
| 21= Creole |
| 22= Croatian |
| 23= Czech |
| 24= Danish |
| 25= Dutch |
| 26= Estonian |
| 27= Farsi/Iranian/Persian |
| 28= Finnish |
| 29= Fulani Fula |
| 30= Gaelic |
| 31= German |
| 32= Gujarati |
| 33= Haitian Creole |
| 34= Hawaiian |
| 35= Hebrew |
| 36= Hindi |
| 37= Hmong |
| 38= Hungarian |
| 39= Icelandic |
| 40= Igbo |
| 41= Indonesian |
| 42= Japanese |
| 43= Khmer/Cambodian |
| 44= Korean |
| 45= Lao |
| 46= Latvian |
| 47= Malaysian |
| 48= Mandarin |
| 49= Mandingo\Mandinka |
| 50= Marathi |
| 51= Nepali |
| 52= Norwegian |
| 53= Other |
| 54= Phillipine |
| 55= Polish |
| 56= Punjabi\Panjabi |
| 57= Romanian |
| 58= Serbian-Croatian |

Spine Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

| <u>OTHER LANG</u> |
|----------------------|
| 59= Slovak |
| 60= Slovenian |
| 61= Somali |
| 62= Swahili |
| 63= Swedish |
| 64= Tagalog |
| 65= Tagalog/Filipino |
| 66= Taiwanese |
| 67= Thai |
| 68= Tibetan |
| 69= Tigrigna |
| 70= Toisanese |
| 71= Turkish |
| 72= Twi |
| 73= Ukrainian |
| 74= Urdish |
| 75= Wolof |
| 76= Wu |
| 77= Yiddish |
| 78= Yoruba; |
| 88= Not available |
| 0= Not provided |

Medications for Opioid Use Disorder

Analytic Data Dictionary

(PHDSPINE.MOUD)

Spine MOUD Dataset (PHDSPINE.MOUD)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|--|--------|
| ID | PHD ID | 9-character alphanumeric ID | Char |
| DATE_END_MOUD | The date this MOUD segment ended | Date Proxy – count of days between the end date of the MOUD segment and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DATE_END_MONTH_MOUD | The month when this MOUD segment ended | Month, 1-12 | Num |
| DATE_END_YEAR_MOUD | The year when this MOUD segment ended | Year, YYYY | Num |
| DATE_START_MOUD | The date this MOUD segment began | Date Proxy – count of days between the start date of the MOUD segment and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| DATE_START_MONTH_MOUD | The month when this MOUD segment began | Month, 1-12 | Num |
| DATE_START_YEAR_MOUD | The year when this MOUD segment began | Year, YYYY | Num |
| TYPE_MOUD | The type of MOUD covered in this segment | 1=Likely Methadone 2=Buprenorphine 3=Naltrexone | Num |

Dataset explanation:

This dataset covers all instances of buprenorphine, methadone, and naltrexone (commonly referred to as Medications for Opioid Use Disorder, or MOUD) found in the PHD (process summary section below details these sources). The segments have a start and end date, as well as the MOUD type that the individual was taking. Within an MOUD type, the segments are non-overlapping in an individual; this means if there is a gap between segments of the same MOUD type within an individual, they may have been experiencing a gap in MOUD use. They may also have been receiving MOUD from a source we do not capture in the PHD. This dataset is complete through the last full year of all datasets used to identify MOUD (currently 2021).

Important Considerations:

Medications for Opioid Use Disorder

Analytic Data Dictionary

(PHDSPINE.MOUD)

- All Naltrexone found in the PHD has been included in this dataset. Naltrexone can be used in the treatment of Alcohol Use Disorder (as well as being a MOUD). To correctly determine if the Naltrexone in this dataset is being used as a MOUD, you MUST establish OUD in an individual prior to the Naltrexone.
- Some of the periods identified as methadone may not actually be methadone. Methadone data in BSAS is determined by a process of elimination as BSAS programs can dispense any of the forms of MOUD. BSAS program records are crossed against sources of Buprenorphine and Naltrexone in the PHD; if no record can be found in either Buprenorphine or Naltrexone sources, then the MOUD being administered is Likely Methadone.
- These records are incomplete for inpatient and residential settings (including hospital stays, incarceration periods, and institutional settings).
- Please note that the segments in this dataset reflect optimal medication adherence.
 1. A record in this dataset means that a prescription has been filled but cannot determine if it was ingested or taken as prescribed.
 2. The prescription data in this dataset has start and end dates that credit remaining supply from an earlier fill. This means if an individual refills a prescription while still having pills left from an earlier fill, the start date of that refill is shifted forward to reflect an individual not starting the new supply until all pills in the original supply are used.

Process Summary:

- Buprenorphine can be found in:
 - PMP buprenorphine data (limited to where BUP_CAT_PMP=1 and there is at least 1 day of supply)
 - APCD records
 - Medical Claims where one of the following HCPCS codes was identified: G2068, G2069, G2070, G2072, G2079, J0570, J0571, J0572, J0573, J0574, J0575, Q9991, Q9992
 - Pharmacy Claims with any of the NDCs identified from the PMP dataset as being buprenorphine for MOUD and where there is at least 1 day of supply.
 - BSAS records of MOUD while in an HOC indicate that an individual was receiving Buprenorphine.
- Naltrexone
 - APCD records
 - Medical Claims where one of the following HCPCS codes was identified: J2315, G2073 or one of the following ICD 10 Procedure codes was identified: HZ84ZZZ, HZ94ZZZ
 - Pharmacy Claims with any of the NDCs identified in the appendix below and where there is at least 1 day of supply.

Medications for Opioid Use Disorder

Analytic Data Dictionary

(PHDSPINE.MOUD)

- BSAS records of MOUD while in an HOC indicate that an individual was receiving Naltrexone.
- DOC records that an individual was enrolled in the MATRI program.
- Methadone
 - APCD records
 - Medical Claims where one of the following HCPCS codes was identified: H0020, G2067, G2078, S0109 or one of the following ICD 10 Procedure codes was identified: HZ81ZZZ, HZ91ZZZ
 - BSAS MOUD program records where buprenorphine and naltrexone have been ruled out.
 - BSAS records of MOUD while in an HOC indicate that an individual was receiving Methadone.

Appendix:

Naltrexone National Drug Codes:

54868557400, 54569913900, 54569672000, 50090307600, 50090286600, 16729008101, 16729008110, 52152010502, 52152010530, 53217026130, 68084029111, 68084029121, 52152010504, 42291063230, 63629104701, 63629104601, 68115068030, 65694010010, 65694010003, 00904703604, 43063059115, 76519116005, 68094085359, 68094085362, 00185003930, 00185003901, 00406117001, 00406117003, 47335032688, 47335032683, 51224020650, 51224020630, 00555090201, 00555090202, 50436010501, 00056001170, 00056001130, 00056007950, 00056001122, 51285027502, 51285027501, 00056008050, 65757030001, 63459030042

Days covered by procedure code:

| MOUD Type | Procedure Code | Days covered | Procedure Code Description |
|---------------|----------------|--------------|---|
| Buprenorphine | G2068 | 7 | Medication-assisted treatment, buprenorphine (oral) |
| Buprenorphine | G2069 | 28 | Medication-assisted treatment, buprenorphine (injectable) |
| Buprenorphine | G2070 | 180 | Medication-assisted treatment, buprenorphine (implant insertion) |
| Buprenorphine | G2072 | 180 | Medication- assisted treatment, buprenorphine (implant insertion and removal) |
| Buprenorphine | G2079 | 7 | Take-home supply of buprenorphine (oral) |
| Buprenorphine | J0570 | 180 | Buprenorphine implant, 74.2 mg |
| Buprenorphine | J0571 | 1 | Buprenorphine oral 1mg |
| Buprenorphine | J0572 | 1 | Bupren/nal oral up to 3mg bup |

Medications for Opioid Use Disorder
Analytic Data Dictionary
(PHDSPINE.MOUD)

| MOUD Type | Procedure Code | Days covered | Procedure Code Description |
|---------------|----------------|---|---|
| Buprenorphine | J0573 | 1 | Bupren/nal oral p 3-6mg bup |
| Buprenorphine | J0574 | 1 | Bupren/nal oral up 6-10mg bup |
| Buprenorphine | J0575 | 1 | Bupren/nal oral up >10mg bup |
| Buprenorphine | Q9991 | 28 | Injection, buprenorphine extended-release (sublocade), less than or equal to 100 mg |
| Buprenorphine | Q9992 | 28 | Injection, buprenorphine extended-release (sublocade), greater than 100 mg |
| Methadone | G2067 | 7 | Medication-assisted treatment, methadone |
| Methadone | G2078 | 7 | Take-home supply of methadone |
| Methadone | H0020 | 1 (proc modifier is HF or missing) 7 (proc modifier is TV) 14 (proc modifier is UB) 21 (proc modifier is TS) 28 (proc modifier is HG) | methadone administration and/or service (provision of the drug by a licensed program) |
| Methadone | S0109 | 1 | Methadone, oral, 5 mg |
| Methadone | HZ81ZZZ | 1 | Medication Management for Substance Abuse Treatment, Methadone Maintenance |
| Methadone | HZ91ZZZ | 1 | Pharmacotherapy for Substance Abuse Treatment, Methadone Maintenance |
| Naltrexone | G2073 | 28 | Medication-assisted treatment, naltrexone |
| Naltrexone | J2315 | 28 | Injection, naltrexone, depot form, 1 mg |
| Naltrexone | HZ84ZZZ | 1 | Medication Management for Substance Abuse Treatment, Naltrexone |
| Naltrexone | HZ94ZZZ | 1 | Pharmacotherapy for Substance Abuse Treatment, Naltrexone |

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

Opioid-related Overdoses and Overdose Deaths (PHDSPINE.OVERDOSE)

| Variable Name | Variable Description | Metadata | Format |
|----------------|--|--|--------|
| ID | Project Specific ID | 9-character alphanumeric ID | Char |
| OD_COUNT | Overdose count by the individual represented by this record. (OD_COUNT spans from 2013-2020 in MATRIS, 2011-2020 in Casemix, and 2011-2020 in DEATH datasets) | Count | Num |
| FATAL_OD_DEATH | Was this opioid-related overdose fatal? (2011-2020 data included) | 0-No 1=Yes | Num |
| OD_DATE | Date proxy opioid-related overdose occurred | SAS date | Num |
| OD_YEAR | Year opioid-related overdose occurred | YYYY | Num |
| OD_MONTH | Month opioid-related overdose occurred | 1-12 | Num |
| OD_DEATH_DATE | Date proxy of Opioid-related overdose death | YYYY | Num |
| OD_DEATH_YEAR | Year of opioid-related overdose death | YYYY | Num |
| OD_DEATH_MONTH | Month of opioid-related overdose death | 1-12 | Num |
| OD_AGE | Age at time of overdose | Age in years | Num |
| OD_RACE | Reported race | 1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian or Other 9 = Missing/unknown | Num |
| OD_RES_CODE | ZCTA at time of overdose. | 1-351 for valid MA city/town 999=Unknown | Char |

***OD_COUNT includes 2013-2021 in MATRIS, 2011-2021 in Case Mix, and 2011-2021 dates in DEATH**

Analytic Data Dictionary

OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS (PHDSPINE.OVERDOSE)

Code to create OD variables

NOTE: This dataset is updated when all three component datasets add a new year.

- * Opioid-related overdose using in CM, Matris, and Death ;
- * Check CM and MATRIS to FLAG single OD, and then add opioid-related overdose deaths;
 1. phdcm.oo
 2. phdcm.ed & phdcm.ed_diag
 3. phdcm.hd & phdcm.hd_diag
 4. Combine all casemix and check for ODs same day and 1 day apart between datasets
 4. phdems.matris
 5. Combine CM and Matris, remove CM event the day after as dup
 6. phddeath.death - overdose death counted as final OD and deaths are flagged.
 7. check for deaths 0-3 days after cm/matris overdose, assumed to be same event so add death record to overdose(will be 0-3 days later) and count as only one overdose. Where an overdose occurred 1-3 days before death both the overdose date and death dates are in the same record and counted as one overdose.

*****/

*FIND OD diagnoses in PHD, (only counted once per dataset);

*OD ICD codes;

```
%let ICD_OD = ("T400X1A", "T400X2A", "T400X3A", "T400X4A", "T400X1D", "T400X2D", "T400X3D",
"T400X4D", "T401X1A", "T401X2A", "T401X3A", "T401X4A", "T401X1D",
"T401X2D", "T401X3D", "T401X4D", "T402X1A", "T402X2A", "T402X3A",
"T402X4A", "T402X1D", "T402X2D", "T402X3D", "T402X4D", "T403X1A",
"T403X2A", "T403X3A", "T403X4A", "T403X1D", "T403X2D", "T403X3D",
"T403X4D", "T404X1A", "T404X2A", "T404X3A", "T404X4A", "T404X1D",
"T404X2D", "T404X3D", "T404X4D", "T40601A", "T40601D", "T40602A",
"T40602D", "T40603A", "T40603D", "T40604A", "T40604D", "T40691A",
"T40692A", "T40693A", "T40694A", "T40691D", "T40692D", "T40693D",
"T40694D", "96500", "96501", "96502", "96509",
"9701", "E8500", "E8501", "E8502");
```

/*1 OO */

Data OO;

Set PHDCM.OO (Keep=ID OO_DIAG1-OO_DIAG16

OO_PRINCIPALEXTERNAL_CAUSECODE

OO_ADMIT_DATE OO_ADMIT_MONTH OO_ADMIT_YEAR OO_DISCHARGE_DATE OO_RES_ZIP OO_RACE
OO_AGE OO_EDADMIT);

OD_OO=0;

ODD_OO=0;

array DIAG \$ OO_DIAG1-OO_DIAG16;

do i=1 to 16;

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
if DIAG(i) IN &ICD_OD then OD_OO = OD_OO + 1;
end;
```

```
if OO_PRINCIPALEXTERNAL_CAUSECODE in &ICD_OD then OD_OO=OD_OO+1;
```

```
*visits that came from ED;
if OO_EDADMIT=2 then OO_ADMIT=1;
```

```
if OD_OO=0 then delete;
```

```
rename OO_ADMIT_DATE=OD_DATE
        OO_ADMIT_MONTH=OD_MONTH
        OO_ADMIT_YEAR=OD_YEAR;
```

```
drop i OO_DIAG1-OO_DIAG16
        OO_PRINCIPALEXTERNAL_CAUSECODE
        OO_EDADMIT;
run;
```

```
/*2 ED*/
proc sql;
create table ED as
select ID, 1 as OD_ED, ED_ADMIT_DATE AS OD_DATE, COUNT(*) as n, ED_ADMIT_MONTH AS OD_MONTH,
ED_ADMIT_YEAR AS OD_YEAR, ED_ID,
ED_DISCHARGE_DATE, ED_RES_ZIP, ED_AGE, ED_RACE

from phdcm.ed
where ED_DIAG1 in &ICD_OD OR ED_PRINCIPLE_ECODE in &ICD_OD
group by ID, ED_ID;
quit;
```

```
/* check ED_DIAG for more diagnoses of ODs GROUP BY ed_id TO ID DUP RECORDS*/
proc sql;
create table ED_DIAG as
select ID, 1 as OD_ED, COUNT(*) AS n, ED_ID
from phdcm.ed_diag
where ED_DIAG in &ICD_OD
GROUP BY ID, ed_id;
quit;
```

```
/*get OD dates from original PHDCM.ED and add to ED_DIAG*/
proc SQL;
create table ED_DIAG1 as
select B.ID, B.n, a.ED_ADMIT_DATE AS OD_DATE, a.ED_ADMIT_MONTH AS OD_MONTH, a.ED_ADMIT_YEAR
AS OD_YEAR,
b.ED_ID, b.OD_ED, a.ED_DISCHARGE_DATE, a.ED_RACE, a.ED_RES_ZIP, a.ED_AGE
from phdcm.ed as a RIGHT JOIN ED_DIAG as b
on a.ed_id=b.ed_id;
quit;
```

Analytic Data Dictionary

OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS

(PHDSPINE.OVERDOSE)

```
proc sort data=ED; by id OD_date ED_ID;run;
proc sort data=ed_diag1; BY id od_date ED_ID; RUN;
```

```
data ED_ALL;
merge ED(in=a) ED_DIAG1(in=b);
by id OD_DATE ED_ID;
if a or b;
drop n ED_ID;
run;
```

```
proc sql;
create table HD_SERV AS
Select ID, HD_ID, 1 AS REVCODE, COUNT(*) AS n, HD_SERVICE_REVENUECODE
FROM PHDCM.HD_SERV
WHERE HD_SERVICE_REVENUECODE IN("0450", "0451", "0452", "0456", "0459", "0981")
group by ID, HD_ID;
quit;
```

```
/*3 HD*/
proc sql;
create table HD as
select ID, HD_ADMIT_DATE AS OD_DATE, HD_ADMIT_MONTH AS OD_MONTH,
HD_ADMIT_YEAR AS OD_YEAR, HD_ID, HD_DISCHARGE_DATE, HD_EDADMIT, HD_AGE, HD_RACE, HD_RES_ZIP
from phdcm.hd
where (HD_DIAG1 in &ICD_OD or
      HD_ECODE in &ICD_OD) ;
quit;
```

```
/*Check DIAG for new ODs and then grab dates*/
```

```
proc sql;
create table HD_DIAG AS
select ID, COUNT(*) AS n, HD_ID
from PHDCM.HD_DIAG
where HD_DIAG in &ICD_OD
group by id, hd_id;
quit;

proc SQL;
create table HD_DIAG1 as
select b.ID, b.n, a.HD_ADMIT_DATE AS OD_DATE, a.HD_ADMIT_MONTH AS OD_MONTH, a.HD_ADMIT_YEAR
AS OD_YEAR,
b.HD_ID, a.HD_EDADMIT, a.HD_AGE, a.HD_RACE, a.HD_RES_ZIP
from phdcm.hd as a Right JOIN HD_DIAG as b
on a.hd_id=b.hd_id;
quit;
```

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
proc sort data=HD_DIAG1;by id HD_ID;run;
proc sort data=HD_SERV;by id HD_ID;run;

data HD_DIAG2;
merge HD_DIAG1 (in=a) HD_SERV(in=b);
by ID HD_ID;
if a=1;
run;

proc sort data=hd; by id od_date HD_ID;
proc sort data=HD_DIAG2;by ID OD_DATE HD_ID;

data HD_ALL;
merge HD(in=a) HD_DIAG2(in=b);
by id OD_DATE HD_ID;
if a or b;

if HD_EDADMIT=2 then HD_ADMIT=1;
if REVCODE>0 then REV=1;

drop HD_EDADMIT n HD_ID REVCODE;
run;

proc sort data= OO;  by id OD_DATE OO_DISCHARGE_DATE;run;
proc sort data=ED_all; by id OD_DATE ED_DISCHARGE_DATE;run;
proc sort data= HD_all; by id OD_DATE HD_DISCHARGE_DATE;run;

*combine three casemix datasets;
data od_cm;
set ED_all(in=a) OO(in=b) HD_ALL(in=c);
by id OD_DATE;
if a or b or c;

OD_CM=1;
PRIOR_ED=lag(OD_ED);
PRIOR_OD_DATE=LAG(OD_DATE);

CM_DIFF=OD_DATE-PRIOR_OD_DATE;

CM_OD_count + 1;

if first.id then do;
CM_od_count = 1;
CM_diff=.;
end;
run;

proc freq data=od_cm;
where CM_DIFF IN (0,1);
```

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
tables CM_DIFF;run;

data OD_CM1;
set OD_CM;

if CM_DIFF in (0,1) then do;
    if missing(OD_ED) and prior_Ed=1 and OO_ADMIT=1 then dup=1;
    else if missing(OD_ED) and prior_ED=1 and REV=1 then dup=1;
    end;
if dup=1 then delete;
drop
PRIOR_ED
OO_DISCHARGE_DATE
HD_DISCHARGE_DATE
ED_DISCHARGE_DATE
PRIOR_OD_DATE
CM_DIFF
dup;
run;

/*MATRIS*/
data matris;
set PHDEMS.MATRIS;
run;

* subset to ID, incident date, and OD cat;
proc sql;
    create table matris_OD as
    select ID, inc_date_matris as OD_DATE, 1 as OD_MATRIS, INC_DATE_MATRIS, INC_MONTH_MATRIS ,
    INC_YEAR_MATRIS, RACE_MATRIS, RES_ZIP_MATRIS, AGE_MATRIS
    from matris
    where opioid_orisubcat_matris = 2;
quit;

proc sort data=matris_od; by id od_Date;run;

*seperate duplicates;
data matris_single matris_dup;
set matris_od;
by id OD_DATE;
if first.od_date
    then output matris_single;
    else output matris_dup;
run;

proc sort data=matris_single; by id OD_DATE; run;
proc sort data=matris_dup; by id OD_DATE; run;
proc sort data=OD_CM1; by id OD_DATE; run;

data cm_matris;
```

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
merge Matris_SINGLE (in=a) OD_CM1 (in=b);
if a or b;
by id OD_DATE;
run;

data CM_MATRIS_All;
set CM_MATRIS(in=a) MATRIS_DUP(in=b);
by id od_Date;
if a or b;
run;

proc sort data=CM_MATRIS_all;
by ID OD_DATE descending OD_MATRIS;
run;

/*Count overdoses*/
data CM_MATRIS1;
set CM_MATRIS_ALL;
lag=lag(OD_DATE);
lag_matris=lag(OD_MATRIS);

      od_count +1;
by id;
      if first.id then do;
          od_count=1;
      end;
run;

/* was there a Matris event the day before indicating same event/record delay?*/
data cm_matris2;
set cm_matris1;

*add flag to make sure only deleting casemix that follows matris;
if lag_matris=1 and missing (INC_DATE_MATRIS) and OD_COUNT>1 and OD_YEAR>0 then
diff=od_date-lag;
      if diff =1 then delete;

if missing(OD_year) then od_year=inc_year_matris;
if missing(od_month) then od_month=inc_month_matris;
run;

*where did ods come from after dedup CM? ;
data cm_matris3;
set cm_matris2;

if OD_MATRIS>0 and missing(OD_CM) then OD_MATRIS_ONLY=1;
if OD_MATRIS>0 AND od_cm>0 then OD_BOTH=1;
if missing(OD_MATRIS) AND OD_CM>0 then OD_CM_ONLY=1;

drop INC_YEAR_MATRIS
```

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
INC_MONTH_MATRIS
```

```
lag diff
```

```
OD_ED
```

```
OD_OO;
```

```
run;
```

```
proc freq data=cm_matris3;
```

```
tables OD_BOTH OD_CM_ONLY OD_MATRIS_ONLY OD_YEAR ;run;
```

```
*add overdose deaths;
```

```
data death;
```

```
set phddeath.death(keep=id opioid_Death dod month_Death year_Death RES_ZIP_DEATH AGE_DEATH  
RACE_DEATH );
```

```
where opioid_death=1;
```

```
OD_Date=DOD;
```

```
RENAME month_Death=OD_DEATH_MONTH
```

```
year_Death=OD_DEATH_YEAR
```

```
opioid_Death=FATAL_OD_DEATH;
```

```
run;
```

```
proc sort data=death; by id od_date; run;
```

```
proc sort data=cm_matris3; by id od_date; run;
```

```
data OD_DEATH DUP_OD_DEATH;
```

```
merge CM_MATRIS3 (in=a) DEATH(in=b);
```

```
by id OD_DATE;
```

```
if first.od_Date then output OD_DEATH;
```

```
else output DUP_OD_DEATH;
```

```
drop OD_COUNT OD_BOTH OD_CM_ONLY OD_MATRIS_ONLY
```

```
OD_MATRIS INC_DATE_MATRIS OD_CM ODD_OO
```

```
OOED_FLAG HDED_flag CM_OD_COUNT LAG_MATRIS;
```

```
run;
```

```
/*Dedup OD/death, look for death date 1-3 days after overdose indicating same event/record delay*/
```

```
data od_death2;
```

```
set DUP_OD_DEATH (in=a keep=id OD_DATE OD_MONTH OD_YEAR) od_death (in=b);
```

```
if a or b;
```

```
by id od_Date;
```

```
run;
```

```
proc sort data=OD_DEATH2;
```

```
by ID OD_DATE FATAL_OD_DEATH;
```

```
run;
```

```
data od_death3;
```

Analytic Data Dictionary
OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS
(PHDSPINE.OVERDOSE)

```
set od_Death2;
prior_OD_date=lag(OD_DATE);
if DOD>0 then Ddiff=DOD-Prior_OD_DATE;

    OD_COUNT + 1;
by id;
    if first.id then do;
od_count = 1;
Ddiff=.; *only count once;
end;
run;

*create flag of fatal overdoses;
data DUP_ODs;
set od_Death3;
by id;
if last.id =1 then do;
    if Ddiff in (1,2,3) then do;
        flag=ID;
        FATAL_OD_DEATH=1;
        FOD_date=prior_od_date;
        DOD=OD_DATE;
    end;
end;
if missing (FOD_date) then delete;
keep Flag FATAL_OD_DEATH DOD FOD_date OD_DEATH_month OD_Death_Year;
run;

proc sort data=od_Death3; by id od_date;run;
proc sort data=DUP_ODs;By FLAG FOD_DATE;run;

*delete Deaths counted as overdoses and merge into overdose file;
data od_Death4;
merge od_death3(in=a) dup_ods(in=b rename=(flag=ID FOD_DATE=OD_DATE));
by id od_date;
    if b=1 then DOD_flag=1;
    del_flag=lag(DOD_flag);
    if del_flag=1 then delete;

    if missing(OD_MONTH) then OD_MONTH=OD_DEATH_MONTH;
    if missing (OD_YEAR) then OD_YEAR=OD_DEATH_YEAR;
    if missing (FATAL_OD_DEATH) then FATAL_OD_DEATH=0;

rename DOD=OD_DEATH_DATE;

drop
del_flag
dod_flag
prior_od_date
ddiff;
```

Analytic Data Dictionary

OPIOID-RELATED OVERDOSES and OVERDOSE DEATHS

(PHDSPINE.OVERDOSE)

```

*create OD_RES_ZIP, OD_RACE, and OD_AGE;
state=zipstate(Res_zip_death);
State_ED=zipstate(ED_RES_ZIP);
State_HD=zipstate(HD_RES_ZIP);
State_OO=zipstate(OO_RES_ZIP);
State_M=zipstate(RES_ZIP_MATRIS);

if State='MA' and RES_ZIP_DEATH ne 99999 then ZIP=RES_ZIP_DEATH;
    else if state_ED='MA' and ED_RES_ZIP ne 99999 then ZIP=ED_RES_ZIP;
        else if state_HD='MA' and HD_RES_ZIP ne 99999 then zip=HD_RES_ZIP;
            else if state_OO='MA' and OO_RES_ZIP ne 99999 then zip=OO_RES_ZIP;
                else if state_M='MA' and RES_ZIP_MATRIS ne 99999 then ZIP=RES_ZIP_MATRIS;

if RACE_DEATH IN (1,2,3,4,5) then OD_RACE=RACE_DEATH;
    else if ED_RACE IN(1,2,3,4,5) then OD_RACE=ED_RACE;
        else if HD_RACE IN(1,2,3,4,5) then OD_RACE=HD_RACE;
            else if OO_RACE IN(1,2,3,4,5) then OD_RACE=OO_RACE;
                else if RACE_MATRIS IN (1,2,3,4,5) then OD_RACE=RACE_MATRIS;
                    ELSE OD_RACE=9;
drop RACE_DEATH ED_RACE HD_RACE OO_RACE RACE_MATRIS;

you
if AGE_DEATH IN (1,2,3,4,5) then OD_AGE=AGE_DEATH;
    else if ED_AGE IN(1,2,3,4,5) then OD_AGE=ED_AGE;
        else if HD_AGE IN(1,2,3,4,5) then OD_AGE=HD_AGE;
            else if OO_AGE IN(1,2,3,4,5) then OD_AGE=OO_AGE;
                ELSE OD_AGE=9;

drop AGE_DEATH ED_AGE HD_AGE OO_AGE HD_ADMIT OO_AGE OO_ADMIT HD_SERVICE_REVENUECODE
rescode;
if OD_YEAR=2010 then delete;
run;

data OD_DEATH5;
merge OD_DEATH4(in=a) PHDSPINE.DEMO(Keep=ID FINAL_RE FINAL_SEX);
by id;
if a=1;
if OD_RACE=9 then OD_RACE=FINAL_RE;
if OD_SEX=9 then OD_SEX=FINAL_SEX;
if OD_RACE=99 then OD_RACE=9;
if missing(OD_RACE) then OD_RACE=9;
if OD_SEX=99 then OD_SEX=9;
if missing(OD_SEX) then OD_SEX=9;
drop FINAL_RE FINAL_SEX rev;
run;

```


Postmortem Toxicology Analytic Data Dictionary (PHDTOX. TOX)

Postmortem Toxicology Results (PHDTOX.TOX)

| Variable Name | Variable Description | Meta Data | Format |
|--------------------|--|--|--------|
| ID | PHD ID | 9 character alphanumeric ID | Char |
| Match_level_tox | CHIA Match level | <p>1= These are members within the APCD that received a high score against the DPH input record. Candidates in this group are those that perfectly matched all elements of the DPH input record and those that generally had only one element mismatch. The threshold applied to group 1 candidates has been optimized based upon the input elements and their overall weight in determining a unique individual match.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness</p> | Num |
| TOX_ALCOHOL | Tox results included alcohol | 0=No 1=Yes | Num |
| TOX_AMPHETAMINE | Tox results included an amphetamine | 0=No 1=Yes | Num |
| TOX_ANTICONVULSANT | Tox results included an anticonvulsant | 0=No 1=Yes | Num |
| TOX_ANTIDEPRESSANT | Tox results included an antidepressant | 0=No 1=Yes | Num |
| TOX_ANTIPSYCHOTIC | Tox results included an antipsychotic | 0=No 1=Yes | Num |
| TOX_ANXIOLYTIC | Tox results included an anxiolytic | 0=No 1=Yes | Num |
| TOX_BARBITURATE | Tox results included a barbiturate | 0=No 1=Yes | Num |
| TOX_BENZODIAZEPINE | Tox results included a benzodiazepine | 0=No 1=Yes | Num |
| TOX_BUPRENORPHINE | Tox results included buprenorphine | 0=No 1=Yes | Num |
| TOX_CLONIDINE | Tox results included clonidine | 0=No 1=Yes | Num |

**Postmortem Toxicology
Analytic Data Dictionary
(PHDTOX. TOX)**

| Variable Name | Variable Description | Meta Data | Format |
|----------------------|---|---------------|--------|
| TOX_COCAINE | Tox results included cocaine | 0=No 1=Yes | Num |
| TOX_CODEINE | Tox results included codeine | 0=No 1=Yes | Num |
| TOX_ECSTASY | Tox results included ecstasy | 0=No 1=Yes | Num |
| TOX_FENTANYL | Tox results included fentanyl or a fentanyl analog | 0=No 1=Yes | Num |
| TOX_GABAPENTIN | Tox results included gabapentin | 0=No 1=Yes | Num |
| TOX_HEROIN_CONFIRMED | Tox results included heroin (MAM or codeine + morphine) | 0=No 1=Yes | Num |
| TOX_HEROIN_LIKELY | Tox results included heroin (morphine included as heroin) | 0=No 1=Yes | Num |
| TOX_HYDROCODONE | Tox results included hydrocodone | 0=No 1=Yes | Num |
| TOX_HYDROMORPHONE | Tox results included hydromorphone | 0=No 1=Yes | Num |
| TOX_KETAMINE | Tox results included ketamine | 0=No 1=Yes | Num |
| TOX_MAM | Tox results include MAM | 0=No 1=Yes | Num |
| TOX_MARIJUANA | Tox results included marijuana or THC | 0=No 1=Yes | Num |
| TOX_METHADONE | Tox results included methadone | 0=No 1=Yes | Num |
| TOX_METHYLPHENIDATE | Tox results included methylphenidate | 0=No 1=Yes | Num |
| TOX_MORPHINE | Tox results included morphine | 0=No 1=Yes | Num |
| TOX_MUSCLERELAXANT | Tox results include a muscle relaxant | 0=No 1=Yes | Num |
| TOX_NALOXONE | Tox results included naloxone | 0=No 1=Yes | Num |
| TOX_OPIATE | Tox results included positive test for "opiates" | 0=No 1=Yes | Num |
| TOX_OXYCODONE | Tox results included oxycodone | 0=No 1=Yes | Num |
| TOX_OXYMORPHONE | Tox results included oxymorphone | 0=No 1=Yes | Num |
| TOX_PROMETHAZINE | Tox results included promethazine | 0=No 1=Yes | Num |

**Postmortem Toxicology
Analytic Data Dictionary
(PHDTOX. TOX)**

| Variable Name | Variable Description | Meta Data | Format |
|----------------|--|---------------|--------|
| TOX_RX_OPI | Tox results included codeine (without morphine), hydromorphone, oxymorphone, hydrocodone, oxycodone, tramadol, or tapentadol | 0=No 1=Yes | Num |
| TOX_TAPENTADOL | Tox results included tapentadol | 0=No 1=Yes | Num |
| TOX_TRAMADOL | Tox results included tramadol | 0=No 1=Yes | Num |
| TOX_ZOLPIDEM | Tox results included zolpidem | 0=No 1=Yes | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

Women, Infants, and Children Program - Infant/Child (PHDWIC.WIC_KID)

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|--|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_WIC_KID | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains CHIA members that received a lower matching score yet are considered <i>possible</i> matches. These candidates could match on as little as SSN or date of birth and first and last name and are included for completeness.</p> | Num |
| ADJUNCT_PROOF_KID | A code denoting the type of proof provided to be adjunctly eligible. | <p>1=MassHealth Internet</p> <p>2=MassHealth Phone</p> <p>3=MassHealth POS - DNU</p> <p>4=SNAP Income Verification Letter</p> <p>5=SNAP Printout</p> <p>6=TAFDC Printout</p> <p>7=Proof Pending - DNU</p> <p>8=Active MassHealth EVS</p> <p>9=DTA Connect App</p> <p>99=Unknown</p> | Num |
| AGE_EFFECTIVE_KID | Participant's age at time certification is effective | <p>Age in years</p> <p>If less than 1 year UNIT=DY</p> <p>Blank =missing or unknown</p> | Num |
| AGE_EFFECTIVE_KID_UNIT | Unit of age, days or years | <p>DY=days</p> <p>YR=years</p> <p>Blank=missing or unknown</p> | Char |
| AGE_END_KID | Participant's age at time certification ends | <p>Age in years</p> <p>If less than 1 year, age= days unit=DY</p> <p>Blank=missing or unknown</p> | Num |
| AGE_END_KID_UNIT | Unit of age, days or years | <p>DY=days</p> <p>YR=years</p> <p>Blank=missing or unknown</p> | Char |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|--------------------------|---|---|--------|
| ANTHRO_MEAS_DATE_KID | The date that anthropometric measurements were taken | Date Proxy – count of days between measurement date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| ANTHRO_MEAS_MONTH_KID | The month that anthropometric measurements were taken | 1-12 99=Unknown, missing | Num |
| ANTHRO_MEAS_YEAR_KID | The year that anthropometric measurements were taken | Year, yyyy | Num |
| BIRTH_LENGTH_WIC | The length of the participant at birth | Length in inches Blank=missing or unknown | Num |
| BIRTH_WEIGHT_WIC | The weight of the participant at birth | Weight in ounces Blank=missing or unknown | Num |
| BLOOD_DATE_KID | The date the participant's bloodwork was taken | Date Proxy – count of days between bloodwork date and randomly chosen date in the past Blank = N/A (not tested) NOTE: The larger the date proxy, the more recently the event occurred | Num |
| BLOOD_MONTH_KID | The month the participant's bloodwork was taken | 1-12 99=Unknown/Missing | Num |
| BLOOD_YEAR_KID | The year the participant's bloodwork was taken | YYYY 9999= unknown/missing | Num |
| BMI_KID | Body Mass Index | XXX.X Blank=missing | Num |
| BREASTFED_EVER_WIC | An indicator denoting whether an infant or child has ever breastfed | 0=No 1=Yes 9=Unknown or missing | Num |
| BREASTFED_SUPP_WEEKS_WIC | The number of weeks the participant was when first supplemented breastfeeding | Number of weeks 99= Unknown, missing | Num |
| BREASTFEED_TERM1_WIC | A code denoting the reason why breastfeeding was stopped | See Codes | Num |
| BREASTFEED_TERM2_WIC | A code denoting a secondary reason why breastfeeding was stopped | See Codes | Num |
| CATEGORY_KID | The participants category | 2=Child 3=Infant 9=Unassigned | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|---|--------|
| EFFECTIVE_DATE_KID | The date the participants certification became effective | Date Proxy – count of days between certification start date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| EFFECTIVE_MONTH_KID | The month the participants certification became effective | 1-12 99=Unknown, missing | Num |
| EFFECTIVE_YEAR_KID | The year the participants certification became effective | YYYY 9999= unknown/missing | Num |
| END_DATE_KID | The date the participants certification ended | Date Proxy – count of days between certification end date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| END_MONTH_KID | The month the participants certification ended | 1-12 99=Unknown, missing | Num |
| END_YEAR_KID | The year the participants certification ended | YYYY | Num |
| ETHNICITY_WIC_KID | Ethnic affiliations of a participant | See Codes | Num |
| FIRST_DATE_KID | The date the participant was first certified | Date Proxy – count of days between first certification and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| FIRST_MONTH_KID | The month the participant was first certified | 1-12 99=Unknown, missing | Num |
| FIRST_YEAR_KID | The year the participant was first certified | YYYY | Num |
| FOOD_STAMPS_KID | An indicator denoting whether or not the participant received food stamps at time of determination of WIC eligibility. This means that the proof of WIC eligibility was their receipt of food stamps | 0=No 1=Yes 9=Unknown, missing | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|--|--------|
| FORMULA_SUPP_WEEKS_WIC | The number of weeks the infant first had a feeding supplement in the form of formula | Number of weeks, up to 52 Blank=missing or unknown | Num |
| FOSTER_CARE_WIC | An indicator denoting whether or not a participant is under foster care | 0=No 1=Yes 9=Unknown or missing | Num |
| GUARDIAN_WIC | A code denoting the relationship a participant has to their caregiver | 1=Birth Mother 2=Father 3=Adoptive Parent 4=Foster Parent 5=Grandparent 6=Aunt/Uncle 7=Self 8=Other 9=Unknown or missing | Num |
| HEALTH_CARE_SOURCE_KID | A code denoting the source of the participant's health care | See Codes" | Num |
| HEIGHT_KID | The height of the participant in inches | Height in inches Blank=missing or unknown | Num |
| HISPANIC_KID | An indicator denoting whether or not this participant is Hispanic | 0=No 1=Yes 9=Unknown or missing | Num |
| HOMELESS_KID | Final homeless indicator for WIC | 0=No 1=Yes 9=Unknown or missing | Num |
| HOUSEHOLD_KID | The number of people in the participant's household on WIC | Count (1-12) 99=missing or unknown | Num |
| HOUSEHOLD_SMOKE_KID | whether anyone in the household other than the participant smokes inside the home | 0=No 1=Yes 9=Unknown or missing | Num |
| HOUSING_STATUS_KID | A code denoting the type of residency in which a participant is living | 1=Permanent housing 2=Living with family/friend 3=Living in Shelter 4=No Housing 9=Unknown or missing | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|---|---|--------|
| INF_BIRTH_DATE_WIC | The date the infant(s) were born from a pregnant woman's pregnancy | Date Proxy – count of days between delivery date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| INF_BIRTH_MONTH_KID | The month the infant(s) were born from a pregnant woman's pregnancy | 1-12 99=Unknown, missing | Num |
| INF_BIRTH_YEAR_KID | The year the infant(s) were born from a pregnant woman's pregnancy | YYYY 9999= unknown/missing | Num |
| INSURANCE_ADJUNCT_KID | A code denoting the type of insurance the participant has that provides adjunct eligibility | 1=Household Member Adjunctive Eligibility 2=Standard 3=Buy-In 4=DNU Prenatal - MassHealth 5=Limited 6=DNU Limited-Healthy Start - MassHealth 7=DNU Basic - MassHealth 8=DNU Essential - MassHealth 9=CommonHealth 10=Family Assistance: MassHealthDNU 11=Limited/CMSP 12=DNU Emergency Aid to Elderly, Disabled, and Children (EAEDC) 13=CarePlus 14=Commonwealth Care with Limited 99=Unknown or missing | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File
Analytic Data Dictionary
PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|------------------------------|---|--|--------|
| INSURANCE_NO_A DJUNCT_KID | A code denoting the type of insurance the participant has that does not provide adjunct eligibility | 1=Family Assistance 2=Premium Assistance 3=DNU Purchase of Medical Benefits - MassHealth 4=DNU Commonwealth Care 5=Children Medical Security Plan (CMSP) 6=Uncompensated Care Pool (Free Care) - MassHealth 7=Private Insurance:paid by self or employer 8=Government/Military 9=Workers' Compensation 10=No Health Insurance - Referred to MassHealth 11=No Health Insurance - Self Pay Medical Bills 12=Pending - MassHealth13=Common Health - MassHealth 14=Health Safety Net 15=ConnectorCare Plans 16=CommonHealth 99=Unknown or missing | Num |
| KID_ID_WIC | Randomized ID of the participant | 12 digit number | Num |
| LEAD_DATE_WIC | The date the blood lead test was performed | Date Proxy – count of days between test date and randomly chosen date in the past Blank = N/A (not tested) NOTE: The larger the date proxy, the more recently the event occurred | Num |
| LEAD_MONTH_WIC | The month the blood lead test was performed | 1-12 99=Missing | Num |
| LEAD_YEAR_WIC | The year the blood lead test was performed | YYYY 9999= unknown/missing | Num |
| LEAD_LEVEL_WIC | The amount of lead found in a participants blood | Micrograms per deciliter Integer, one decimal place possible Blank=N/A (not tested) | Num |
| LEAD_TEST_WIC | An indicator denoting whether or not the participant had a blood lead test | 0=No 1=Yes 9=Unknown or missing | Num |
| MOM_ID_WIC | Randomized Participant ID of the participants mother | 12 digit number | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|---|--|--------|
| MOM_ON_WIC | An indicator denoting whether or not the participant's mother is on WIC | 0=No 1=Yes 9=Unknown or missing | Num |
| RACE_WIC_KID | The participant's race/ethnicity | 1=White non-Hispanic 2=Black non-Hispanic 3=Asian non-Hispanic 4=Hispanic 5=American Indian or Alaskan Native 9=Unknown or missing | Num |
| RESCODE_KID | The participant's physical address city | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_KID | The zip code where the participant lives | 5 digit zip code 99999=Unknown | Char |
| SEX_KID | The participant's sex | 1=Male 2=Female 9=Unknown or missing | Num |
| TAFDC_KID | An indicator denoting whether participant participates in TAFDC at the time of WIC eligibility determination. WIC eligibility based on TAFDC status | 0=No 1=Yes 9=Unknown or missing | Num |
| TERM_CODE_KID | A code denoting the reason a participant's certification was terminated | See Codes | Num |
| TERM_DATE_KID | The date a participant's certification was terminated | Date Proxy: # days between termination date and randomly chosen future date NOTE: The larger the date proxy, the more recently the event occurred | Num |
| TERM_MONTH_KID | The month a participant's certification was terminated | 1-12 Blank=Missing | Num |
| TERM_YEAR_KID | The year a participant's certification was terminated | YYYY 9999= unknown/missing | Num |
| VOC_KID | An indicator denoting whether a participant has had a VOC | 0=No 1=Yes 9=Unknown or missing | Num |
| WEIGHT_KID | The participant's weight in ounces | Weight in ounces Blank=missing or unknown | Num |
| YEARLY_INCOME_KID | The total yearly income amount for an economic unit | Yearly income Blank=missing or unknown | Num |

Women, Infants, and Children (WIC) Program Data – Kid’s File
Analytic Data Dictionary
PHDWIC.WIC_KID

HEALTH CARE SOURCE

| | |
|--|---|
| 8=Boston Healthcare for Homeless | |
| 9=Bowdoin Street Community Health Center | 64=Outer Cape Health Services |
| 10=Baystate Medical Center Health Centers - Brightwood | 65=Private Physician/Group |
| 11=Cambridge Health Alliance - Broadway Health Center | 66=Riverside Health Center - Cambridge |
| 12=Brockton Neighborhood Health Center | 67=Roxbury Comprehensive Community Health Center |
| 13=Brookside Community Health Center | 68=North Shore Community Health Center - Salem |
| 14=Community Health Center of Cape Cod | 69=Cambridge Health Alliance - Somerville Women's Health Center |
| 15=Caring Health Center | 70=South Boston Community Health Center |
| 16=Community Health Programs - Great Barrington | 71=South County Pediatrics |
| 17=City/Town Health Department | 72=South Cove Community Health Center - Quincy |
| 18=Codman Square Health Center | 73=South Cove Community Health Center - Boston |
| 19=Community Health Center of Franklin County | 74=South End Community Health Center |
| 20=Dimock Community Health Center | 75=Southern Jamaica Plain Health Center |
| 21=Dorchester House Multi-Service Center | 76=Springfield Health Services for the Homeless |
| 22=Duffy Health Center | 77=SSTAR Family Healthcare Center |
| 23=East Boston Neighborhood Health Center | 78=North Shore Community Health Center - Peabody |
| 24=Cambridge Health Alliance - East Cambridge Health Center | 79=Tri-River Family Health Center |
| 25=East Somerville Health Center | 80=unknown |
| 26=Community Health Connections Family Health Center – Fitchburg | 81=Upham's Corner Health Center |
| 27=Family Health Center - Worcester | 82=Wareham Health Center - DNU |
| 28=Framingham Community Health Center - DNU | 83=Whittier Street Health Center |
| 29=Geiger-Gibson Community Health Center | 84=Cambridge Health Alliance - Windsor Street Health Center |
| 30=Great Brook Valley Health Center - DNU | 86 Edward M Kennedy Community Health Center, Framingham |
| 31=Greater Lawrence Family Health Center | 87 Edward M Kennedy Community Health Center, Worcester |
| 32=Greater New Bedford Community Health Center | 100 Community Health Connections Family Health Center, Gardner |
| 33=Greater Roslindale Medical And Dental Center | 101=Community Health Connections Family Health Center, Leominster |
| 34=Harbor Family Health Center | 102=North Shore Community Health Center, Gloucester |
| 35=Harvard Street Neighborhood Health Center | 103=Holyoke Health Center - Chicopee |
| 36=Healthfirst Family Care Center | 104=Manet Community Health Center - Quincy Medical Center |
| 37=Hilltown Community Health Centers | 105=MGH Everett Healthcare Center |
| 38=Holyoke Health Center - Holyoke | 106=Cambridge Health Alliance - Revere Family Health Center |
| 39=Hospital/Outpatient Care | 107=Community Health Programs - Lee |
| 40=Island Health Care - Edgartown | 108=Community Health Programs - Pittsfield |
| 41=Charles River Community Health Center | 109=Cambridge Health Alliance - Cambridge Family Health |
| 42=Lowell Community Health Center | 110=Cambridge Health Alliance - Cambridge Family Health North |
| 43=Lynn Community Health Center | 111=Cambridge Health Alliance - Cambridge Teen Health Center |
| 44=Cambridge Health Alliance, Malden Family Medicine Center | 112=Cambridge Health Alliance - Everett Family Health Center |
| 45=Manet Community Health Center – Germantown | 113=Cambridge Health Alliance - Everett Teen Health Center |
| 46=Manet Community Health Center – Hull | 114=Cambridge Health Alliance - Somerville Teen Connection |

Women, Infants, and Children (WIC) Program Data – Kid's File

Analytic Data Dictionary

PHDWIC.WIC_KID

HEALTH CARE SOURCE

| | |
|--|--|
| 47=Manet Community Health Center - N. Quincy | 115=Cambridge Health Alliance - Union Square Family Health |
| 48=Manet Community Health Center – Quincy | 116=Island Health Care - Martha's Vineyard |
| 49=Martha Eliot Health Center | 117=Connecticut River Valley Farmworker Health Program |
| 50=Baystate Medical Center Health Centers - Mason Square | 118=Community Health Programs - Adams |
| 51=Mattapan Community Health Center | 119=Community Health Programs - North Adams |
| 52=MGH Back Bay Healthcare Center | 120=East Boston Neighborhood Health Center - Winthrop |
| 53=MGH Charlestown Healthcare Center | 121=Edward M Kennedy Community Health Center - Milford |
| 54=MGH Chelsea Healthcare Center | 122= Family Health Center - Southbridge |
| 55=MGH North End Community Health Center | 123=Harbor Community Health Center - Hyannis |
| 56=MGH Revere Healthcare Center | 124=Harbor Community Health Center - Harwich |
| 57=Harbor Community Health Center | 125=Harbor Community Health Center - Plymouth |
| 58=Military Facility | 126=Holyoke Health Center - Westfield |
| 59=Neponset Health Center | 127= Manet Community Health Center - Taunton |
| 60=None | 128= South Cove Community Health Center - Malden |
| 61=North Cambridge Health Center | 999=Unknown or Missing |
| 62=North Shore Community Health Center | |
| 63=Other Community Health Ctr/DPH Funded Program | |

BREASTFEED TERM1 WIC

BREASTFEED TERM2 WIC

| |
|--------------------------------------|
| 1=Baby has teeth |
| 2=Baby not gaining adequate weight |
| 3=Baby refused breast |
| 4=Breast problems (engorgement, etc) |
| 5=Breastfeeding goal met |
| 6=Baby weaned self |
| 7=Embarrassment |
| 8=Health care provider directed |
| 9=Illness and/or medical condition |
| 10=Inconvenient, felt tied down |
| 11=Baby too hungry |
| 12=Just didn't like it |
| 13=Lack of support / encouragement |
| 14=Medication/contraception |
| 15=Milk supply concerns |
| 16=Other |
| 17=Returning to work or school |
| 18=New pregnancy |
| 20=Too tiring, stressful |
| 99=Unknown, Missing |

TERM CODE

2=Over Income

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| |
|--|
| 3=Child Turning Age 5 (Auto) |
| 4=Non-Breastfeeding Woman/6 Months Postpartum (Auto) |
| 5=Breastfeeding Woman/1 Year Postpartum (Auto) |
| 8=End of Certification (Auto) |
| 9=Missed Checks (2 Months) (Auto) |
| 10=Transferred Out of State |
| 11=Participant Transferred To Another LP (Auto) |
| 12=Voluntary Withdrawal |
| 13=Deceased |
| 14=Dual Participation |
| 15=Disqualification |
| 16=Error |
| 17=Pregnancy Not Verified (Auto) |
| 18=Miscarriage |
| 19=Left Foster Care/Guardian |
| 20=Severe Illness |
| 21=No Benefactor Letter on File/Zero Income (Auto) |
| 22=Preliminary Certification No Health Record (Auto) |
| 23=EXBF Infant Terminated (Auto) |
| 24=Infant to Child (Auto) |
| 25=Pregnant Woman/6 Weeks Postpartum (Auto) |
| 26=Breastfeeding Woman > 6 months Stops BF |
| 27=Breastfeeding Woman < 6 months Stops BF (Auto) |
| 28=Missed Benefits (2 Months) (Auto) |
| 99=Missing/unknown |

Women, Infants, and Children (WIC) Program Data – Kid’s File

Analytic Data Dictionary

PHDWIC.WIC_KID

| ETHNICITY_WIC_MOM |
|-----------------------------------|
| ETHNICITY_WIC_KID |
| 1=African American |
| 2=African |
| 3=American |
| 4=Asian Indian |
| 5=Brazilian |
| 6=Cambodian |
| 7=Cape Verdean |
| 8=Caribbean Islander |
| 9=Central American (other) |
| 10=Chinese |
| 11=Cuban |
| 12=Dominican |
| 13=Eastern European |
| 14=Filipino |
| 15=Haitian |
| 16=Japanese |
| 17=Korean |
| 18=Laotian |
| 19=Mexican/Mex. Amer./Chicano |
| 20=Middle Eastern |
| 21=European (other) |
| 22=Other |
| 23=Portuguese |
| 24=Puerto Rican |
| 25=Russian |
| 26=Salvadorian |
| 27=South American |
| 28=Vietnamese |
| 29=Unknown |
| 30=Albanian |
| 31=Asian (other) |
| 32=Bengali |
| 33=Burmese |
| 34=Eritrean |
| 35=Ethiopian |
| 36=Ghanaian |
| 37=Nepali |
| 38=Romanian |
| 39=Somali |
| 40=Thai |
| 41=Ukrainian |
| 42=Guatemalan |
| 43=Honduran |
| 99=Missing/unknown |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

Women, Infants, and Children Program – Mom (PHDWIC.WIC_MOM)

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|--|--|--------|
| ID | Project Specific ID | 9 character alphanumeric ID | Char |
| Match_level_WIC_MOM | CHIA Match level | <p>1= These are CHIA members that received a high score against the DPH input record. This group includes those that matched all elements of the DPH input record and those that had only one element mismatch. The group 1 individual match determination has been optimized based upon the input elements and their overall weight.</p> <p>2= This group contains members within the APCD that received a lower score against the DPH input record, yet are considered <i>possible</i> matches. Candidates in this group could match on as little as SSN or date of birth and first and last name. These candidates are included for completeness.</p> | Num |
| ADJUNCT_PROOF_MOM | A code denoting the type of proof provided to be adjunctly eligible. | <p>1=MassHealth Internet</p> <p>2=MassHealth Phone</p> <p>3=MassHealth POS - DNU</p> <p>4=SNAP Income Verification Letter</p> <p>5=SNAP Printout</p> <p>6=TAFDC Printout</p> <p>7=Proof Pending - DNU</p> <p>8=Active MassHealth EVS</p> <p>9=DTA Connect App</p> | Num |
| AGE_EFFECTIVE_MOM | Participant's age at time of certification is effective | Age in years Blank=unknown | Num |
| AGE_END_MOM | Participant’s age at the time certification ends | Age in years Blank=unknown | Num |
| ALC_NUM_LAST3MTHS_WIC | The average number of drinks per week during the last 3 months | Count Blank=unknown | Num |
| ALC_NUM_PREPREG_WIC | The average number of drinks per week during the 3 months prior to pregnancy | Count Blank=unknown | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File

Analytic Data Dictionary

PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|-----------------------|---|--|--------|
| ANTHRO_MEAS_DATE_MOM | The date that anthropometric measurements were taken | Date Proxy – count of days between measurement date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| ANTHRO_MEAS_MONTH_MOM | The month that anthropometric measurements were taken | 1-12 99=missing/unknown | Num |
| ANTHRO_MEAS_YEAR_MOM | The year that anthropometric measurements were taken | YYYY 9999=missing/unknown | Num |
| BIRTH_YEAR_MOM | The year the participant was born | YYYY 9999=missing/unknown | Num |
| BIRTH_MONTH_MOM | The month the participant was born | 1-12 99=missing/unknown | Num |
| BLOOD_DATE_MOM | The date the participant's bloodwork was taken | Date Proxy – count of days between bloodwork date and randomly chosen date in the past Blank = N/A (not tested) NOTE: The larger the date proxy, the more recently the event occurred | Num |
| BLOOD_MONTH_MOM | The month the participant's bloodwork was taken | 1-12 99=missing/unknown | Num |
| BLOOD_YEAR_MOM | The year the participant's bloodwork was taken | YYYY 9999=missing/unknown | Num |
| BMI_MOM | Body Mass Index based on known height and weight – all ages included | XX.XXXX Blank=missing | Num |
| BREASTFEED_INTENT_WIC | A code denoting the mother's intentions when it comes to breastfeeding the baby | 1=Breast Milk 2=Formula 3=Breast Milk and Formula 4=Not Sure 9=Unknown | Num |
| CATEGORY_MOM | The participants category | 1=Pregnant woman 2=Breastfeeding woman 3=Non-breastfeeding woman 4=Infant 5=Child 9=Unassigned | Num |
| CIG_NUM_CURRENT_WIC | The average number of cigarettes currently smoked per day | Count Blank=unknown Data missing in 2020 | Num |
| CIG_NUM_LAST3MTHS_WIC | The average number of cigarettes smoked per day during the last 3 months | Count Blank=unknown Data missing in 2020 | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|---------------------|--|--|--------|
| CIG_NUM_PREPREG_WIC | The average number of cigarettes smoked per day during the 3 months prior to pregnancy | Count Blank=unknown Data missing in 2020 | Num |
| EDUCATION_WIC | A code denoting the number of the grade of school completed by the mother participant | Years of education 0-18 99=unknown | Num |
| EFFECTIVE_DATE_MOM | The date the participants certification became effective | Date Proxy – count of days between certification start date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| EFFECTIVE_MONTH_MOM | The month the participants certification became effective | 1-12 99=Unknown, missing | Num |
| EFFECTIVE_YEAR_MOM | The year the participants certification became effective | YYYY 9999=missing/unknown | Num |
| END_DATE_MOM | The date the participants certification ended | Date Proxy – count of days between certification end date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| END_MONTH_MOM | The month the participants certification ended | 1-12 99=Unknown, missing | Num |
| END_YEAR_MOM | The year the participants certification ended | YYYY 9999=missing/unknown | Num |
| ETHNICITY_WIC_MOM | Ethnic affiliations of a participant | See code list | Num |
| EXPECTED_BIRTHS_WIC | The number of births expected from a pregnant woman's pregnancy | 1=Single 2=Twins 3=Triplets or more 9=missing/unknown | Num |
| FIRST_DATE_MOM | The date the participant was first certified | Date Proxy – count of days between first certification and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| FIRST_MONTH_MOM | The month the participant was first certified | 1-12 99=Unknown, missing | Num |
| FIRST_YEAR_MOM | The year the participant was first certified | YYYY 9999=missing/unknown | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File

Analytic Data Dictionary

PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|---|--|--------|
| FOOD_STAMPS_MOM | An indicator denoting whether or not the participant received food stamps at time of determination of WIC eligibility. This means that the proof of WIC eligibility was their receipt of food stamps. | 0=No 1=Yes 9=missing/unknown | Num |
| GEST_DIAB_WIC | An indicator denoting whether or not the participant has gestational diabetes | 0=No 1=Yes 9= unknown | Num |
| HEALTH_CARE_SOURCE_MOM | A code denoting the source of the participant's health care | See code list | Num |
| HEIGHT_MOM | The height of the participant in inches | Height in inches Blank=unknown | Num |
| HISPANIC_MOM | An indicator denoting whether or not this participant is Hispanic | 0=No 1=Yes 9=unknown | Num |
| HOMELESS_MOM | Final homeless indicator for WIC | 0=No 1=Yes 9=unknown | Num |
| HOUSEHOLD_MOM | The number of people in the participant's household on WIC | Count Blank= unknown | Num |
| HOUSEHOLD_SMOKE_MOM | An indicator denoting whether anyone in the household other than the participant smokes inside the home | 0=No 1=Yes 9=unknown | Num |
| HOUSING_STATUS_MOM | A code denoting the type of residency in which a participant is living | 1=permanent housing 2=living with family/friend 3=living in Shelter 4=no Housing 9=unknown | Num |
| HYPERTENSION_MOM | An indicator denoting whether or not the participant has hypertension | 0=No 1=Yes 9=unknown | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|----------------------------|---|--|--------|
| INSURANCE_ADJUNCT_MOM | A code denoting the type of insurance the participant has that provides adjunct eligibility | 1=Household Member Adjunctive Eligibility 2=Standard 3=Buy-In 4=DNU Prenatal - MassHealth 5=Limited 6=DNU Limited-Healthy Start - MassHealth 7=DNU Basic - MassHealth 8=DNU Essential - MassHealth 9=CommonHealth 10=Family Assistance - MassHealth - DNU 11=Limited/CMSP 12=DNU Emergency Aid to Elderly, Disabled, and Children (EAEDC) 13=CarePlus 14=Commonwealth Care with Limited 99=Unknown or missing | Num |
| INSURANCE_NO_ADJUNCT_MOM | A code denoting the type of insurance the participant has that does not provide adjunct eligibility | 1=Family Assistance 2=Premium Assistance 3=DNU Purchase of Medical Benefits - MassHealth 4=DNU Commonwealth Care 5=Children Medical Security Plan (CMSP) 6=Uncompensated Care Pool (Free Care) - MassHealth 7=Private Insurance - Paid By Self or Employer 8=Government/Military 9=Workers' Compensation 10=No Health Insurance - Referred to MassHealth 11=No Health Insurance - Self Pay Medical Bills 12=Pending – MassHealth 13=Common Health - MassHealth 14=Health Safety Net 15=ConnectorCare Plans 16=CommonHealth 99=Unknown or missing | Num |
| MOM_ID_WIC | Randomized Participant ID of the mom | 12 digit number | Num |
| PARTICIPANT_LIVE_BIRTH_NUM | The total number of babies born alive to this participant | Count provided through participant questionnaire, accuracy not verified | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|------------------------|--|--|--------|
| PARTICIPANT_PREG_COUNT | The total number of times the participant has been pregnant including the current pregnancy | Count provided through participant questionnaire, accuracy not verified. Blank=unknown | Num |
| PREG_OUTCOME_WIC | A code denoting the outcome of the pregnancy | 1=Live birth 2=Twins 3=Triplets or more 4=Stillborn, Miscarriage, Abortion 5=Neonatal death 9=unknown | Num |
| RACE_WIC_MOM | Participant’s race/ethnicity | 1=White non-Hispanic 2=Black non-Hispanic 3=Asian non-Hispanic 4=Hispanic 5=American Indian or Alaskan Native 9=Unknown | Num |
| RESCODE_MOM | The City of the participants physical address | 1-351 = valid MA city/town 999 = missing/unknown/invalid | Num |
| RES_ZIP_MOM | The zip code component of an address | 5 digit zip code 99999=unknown | Char |
| SEX_MOM | A code denoting the sex of a participant | 1=Male 2=Female 9=unknown | Num |
| TAFDC_MOM | An indicator denoting whether a participant participates in TAFDC at the time of determination of WIC eligibility. This means that the reason for WIC eligibility was their TAFDC status | 0=No 1=Yes 9=unknown | Num |
| TERM_CODE_MOM | A code denoting the reason why a participant's certification was terminated | See code list | Num |
| TERM_DATE_MOM | The date a participant's certification was terminated | Date Proxy – count of days between termination date and randomly chosen date in the past NOTE: The larger the date proxy, the more recently the event occurred | Num |
| TERM_MONTH_MOM | The month a participant's certification was terminated | 1-12 99=missing/unknown | |
| TERM_YEAR_MOM | The year a participant's certification was terminated | YYYY 9999=missing/unknown | Num |
| VOC_MOM | An indicator denoting whether or not a participant has had a VOC | 0=No 1=Yes 9=unknown | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

| Variable Name | Variable Description | Meta Data | Format |
|-------------------|--|-----------------------------------|--------|
| WEIGHT_MOM | The participant's weight in ounces | Weight in ounces Blank=missing | Num |
| YEARLY_INCOME_MOM | The total yearly income for an economic unit | Yearly income Blank=missing | Num |

Women, Infants, and Children (WIC) Program Data – Mom’s File

Analytic Data Dictionary

PHDWIC.WIC_MOM

| <u>ETHNICITY WIC MOM</u> | | | | |
|----------------------------|-------------------------------|---------------------|------------------|---------------|
| 1=African American | 11=Cuban | 21=European (other) | 31=Asian (other) | 41=Ukrainian |
| 2=African | 12=Dominican | 22=Other | 32=Bengali | 42=Guatemalan |
| 3=American | 13=Eastern European | 23=Portuguese | 33=Burmese | 43=Honduran |
| 4=Asian Indian | 14=Filipino | 24=Puerto Rican | 34=Eritrean | |
| 5=Brazilian | 15=Haitian | 25=Russian | 35=Ethiopian | |
| 6=Cambodian | 16=Japanese | 26=Salvadorian | 36=Ghanaian | |
| 7=Cape Verdean | 17=Korean | 27=South American | 37=Nepali | |
| 8=Caribbean Islander | 18=Laotian | 28=Vietnamese | 38=Romanian | |
| 9=Central American (other) | 19=Mexican/Mex. Amer./Chicano | 29=Unknown | 39=Somali | |
| 10=Chinese | 20=Middle Eastern | 30=Albanian | 40=Thai | |

| <u>HEALTH CARE SOURCE MOM</u> | |
|--|---|
| 9=Bowdoin Street Community Health Center | 57=Harbor Community Health Center |
| 10=Baystate Medical Center Health Centers - Brightwood | 58=Military Facility |
| 11=Cambridge Health Alliance - Broadway Health Center | 59=Neponset Health Center |
| 12=Brockton Neighborhood Health Center | 60=None |
| 13=Brookside Community Health Center | 61=North Cambridge Health Center |
| 14=Community Health Center of Cape Cod | 62=North Shore Community Health Center |
| 15=Caring Health Center | 63=Other Community Health Ctr/DPH Funded Program |
| 16=Community Health Programs - Great Barrington | 64=Outer Cape Health Services |
| 17=City/Town Health Department | 65=Private Physician/Group |
| 18=Codman Square Health Center | 66=Riverside Health Center - Cambridge |
| 19=Community Health Center of Franklin County | 67=Roxbury Comprehensive Community Health Center |
| 20=Dimock Community Health Center | 68=North Shore Community Health Center - Salem |
| 21=Dorchester House Multi-Service Center | 69=Cambridge Health Alliance - Somerville Women's Health Center |
| 22=Duffy Health Center | 70=South Boston Community Health Center |
| 23=East Boston Neighborhood Health Center | 71=South County Pediatrics |
| 24=Cambridge Health Alliance - East Cambridge Health Center | 72=South Cove Community Health Center - Quincy |
| 25=East Somerville Health Center | 73=South Cove Community Health Center - Boston |
| 26=Community Health Connections Family Health Center - Fitchburg | 74=South End Community Health Center |
| 27=Family Health Center - Worcester | 75=Southern Jamaica Plain Health Center |
| 28=Framingham Community Health Center - DNU | 76=Springfield Health Services for the Homeless |
| 29=Geiger-Gibson Community Health Center | 77=SSTAR Family Healthcare Center |
| 30=Great Brook Valley Health Center - DNU | 78=North Shore Community Health Center - Peabody |
| 31=Greater Lawrence Family Health Center | 79=Tri-River Family Health Center |
| 32=Greater New Bedford Community Health Center | 80=Unknown |

Women, Infants, and Children (WIC) Program Data – Mom’s File

Analytic Data Dictionary

PHDWIC.WIC_MOM

| <u>HEALTH CARE SOURCE MOM</u> | |
|--|--|
| 33=Greater Roslindale Medical And Dental Center | 81=Upham's Corner Health Center |
| 34=Harbor Family Health Center | 82=Wareham Health Center - DNU |
| 35=Harvard Street Neighborhood Health Center | 83=Whittier Street Health Center |
| 36=Healthfirst Family Care Center | 84=Cambridge Health Alliance - Windsor Street Health Center |
| 37=Hilltown Community Health Centers | 86=Edward M Kennedy Community Health Center - Framingham |
| 38=Holyoke Health Center - Holyoke | 87=Edward M Kennedy Community Health Center - Worcester |
| 39=Hospital/Outpatient Care | 100=Community Health Connections Family Health Center - Gardner |
| 40=Island Health Care - Edgartown | 101=Community Health Connections Family Health Center - Leominster |
| 41=Charles River Community Health Center | 102=North Shore Community Health Center - Gloucester |
| 42=Lowell Community Health Center | 103=Holyoke Health Center - Chicopee |
| 43=Lynn Community Health Center | 104=Manet Community Health Center - Quincy Medical Center |
| 44=Cambridge Health Alliance - Malden Family Medicine Center | 105=MGH Everett Healthcare Center |
| 45=Manet Community Health Center - Germantown | 106=Cambridge Health Alliance - Revere Family Health Center |
| 46=Manet Community Health Center - Hull | 107=Community Health Programs - Lee |
| 47=Manet Community Health Center - N. Quincy | 108=Community Health Programs - Pittsfield |
| 48=Manet Community Health Center - Quincy | 109=Cambridge Health Alliance - Cambridge Family Health |
| 49=Martha Eliot Health Center | 110=Cambridge Health Alliance - Cambridge Family Health North |
| 50=Baystate Medical Center Health Centers - Mason Square | 111=Cambridge Health Alliance - Cambridge Teen Health Center |
| 51=Mattapan Community Health Center | 112=Cambridge Health Alliance - Everett Family Health Center |
| 52=MGH Back Bay Healthcare Center | 113=Cambridge Health Alliance - Everett Teen Health Center |
| 53=MGH Charlestown Healthcare Center | 114=Cambridge Health Alliance - Somerville Teen Connection |
| 54=MGH Chelsea Healthcare Center | 115=Cambridge Health Alliance - Union Square Family Health |
| 55=MGH North End Community Health Center | 116=Island Health Care - Martha's Vineyard |
| 56=MGH Revere Healthcare Center | |

| <u>BREASTFEEDING TERM CODE</u> | | |
|--------------------------------------|------------------------------------|--------------------------------|
| 1=Baby has teeth | 8=Health care provider directed | 15=Milk supply concerns |
| 2=Baby not gaining adequate weight | 9=Illness and/or medical condition | 16=Other |
| 3=Baby refused breast | 10=Inconvenient, felt tied down | 17=Returning to work or school |
| 4=Breast problems (engorgement, etc) | 11=Baby too hungry | 18=New pregnancy |
| 5=Breastfeeding goal met | 12=Just didn't like it | 20=Too tiring, stressful |
| 6=Baby weaned self | 13=Lack of support / encouragement | 21=Unknown |
| 7=Embarrassment | 14=Medication/contraception | |

Women, Infants, and Children (WIC) Program Data – Mom’s File
Analytic Data Dictionary
PHDWIC.WIC_MOM

| <u>TERM CODE MOM</u> |
|--|
| 2=Over Income |
| 3=Child Turning Age 5 (Auto) |
| 4=Non-Breastfeeding Woman/6 Months Postpartum (Auto) |
| 5=Breastfeeding Woman/1 Year Postpartum (Auto) |
| 8=End of Certification (Auto) |
| 9=Missed Checks (2 Months) (Auto) |
| 10=Transferred Out of State |
| 11=Participant Transferred To Another LP (Auto) |
| 12=Voluntary Withdrawal |
| 13=Deceased |
| 14=Dual Participation |
| 15=Disqualification |
| 16=Error |
| 17=Pregnancy Not Verified (Auto) |
| 18=Miscarriage |
| 19=Left Foster Care/Guardian |
| 20=Severe Illness |
| 21=No Benefactor Letter on File/Zero Income (Auto) |
| 22=Preliminary Certification No Health Record (Auto) |
| 23=EXBF Infant Terminated (Auto) |
| 24=Infant to Child (Auto) |
| 25=Pregnant Woman/6 Weeks Postpartum (Auto) |
| 26=Breastfeeding Woman > 6 months Stops BF |
| 27=Breastfeeding Woman < 6 months Stops BF (Auto) |
| 28=Missed Benefits (2 Months) (Auto) |

Appendices

Appendix 1: Spine Variable Components

| Spine Variable | Description | Dataset | Variable |
|----------------|---|-----------------------|---|
| APCD_MED | Indicates that an individual has at least one medical claim in the PHD's APCD cut. | PHDAPCD.MEDICAL | ID |
| APCD_ANYCLAIM | Indicates that an individual has at least one claim (medical, dental, or pharmacy) in the PHD's APCD cut. | PHDAPCD.MEDICAL | ID |
| | | PHDAPCD.DENTAL | ID |
| | | PHDAPCD.PHARMACY | ID |
| DISABILITY_DD | What is the first year on record that this individual met the developmental disability definition? | PHDBIRTH.BIRTH_INFANT | ANOMALY_ADACTYLY, ANOMALY_ANENCEPHALY, ANOMALY_CHD_CYANOTIC, ANOMALY_CLEFT, ANOMALY_CLUB_FT, ANOMALY_CHROM_DISORDER, ANOMALY_DIAPHRAGMATIC_H ERNIA, ANOMALY_DOWN, ANOMALY_GASTRO, ANOMALY_HYDROCEPH, ANOMALY_HYPO, ANOMALY_LIMB_REDUCTION, ANOMALY_MENI_SB, ANOMALY_OMPH, ANOMALY_OTHER_HEART, ANOMALY_OTHER_MUSC, ANOMALY_RECTAL_ATRESIA, ANOMALY_RENAL_AGENESIS, ANOMALY_TEF_EA |
| | | PHDBSAS.BSAS | CLT_ENR_DEVEL_DIS |
| | | PHDDHCD.DHCD | DEV_DISABILITY_DHCD |
| | | PHDEI.EI_EVALUATION | ASD_DIAG_YEAR AUTISM_EI CNS_ABNORMAL_EI FEEDING_DIFFICULTY_EI |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25 |

Appendices

| Spine Variable | Description | Dataset | Variable |
|-------------------|--|-----------------------|--|
| | | PHDBSAS.HOCMOUD | Mat_enrol_21, mat_enrol_25___5 |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c, mat_dis_7___7 |
| DISABILITY_HEAR | What is the first year on record that this individual met the hearing disability definition? | PHDBSAS.BSAS | CLT_ENR_HEAR_IMPAIR |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25, MED_PROC_CODE |
| | | PHDBSAS.HOCMOUD | Mat_enrol_19, mat_enrol_25___9 |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c, mat_dis_7___13 |
| DISABILITY_ID | What is the first year on record that this individual met the intellectual disability definition? | PHDBIRTH.BIRTH_INFANT | ANOMALY_ANENCEPHALY, ANOMALY_CHROM_DISORDER, ANOMALY_DOWN, ANOMALY_HYDROCEPH |
| | | PHDEI.EI_EVALUATION | ASD_DIAG_YEAR AUTISM_EI CNS_ABNORMAL_EI |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25 |
| DISABILITY_MENTAL | What is the first year on record that this individual met the mental health disability definition? | PHDBSAS.BSAS | CLT_ENR_MH_TX |
| | | PHDDOC.DOC | SMI_DOC |
| | | PHDDMH.DMH | ID |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25, MED_PROC_CODE |
| | | PHDBSAS.HOCMOUD | Mat_enrol_22, mat_enrol_25___4 |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c, mat_dis_7___6 |

Appendices

| Spine Variable | Description | Dataset | Variable |
|---------------------|--|-----------------------|---|
| DISABILITY_MOBILITY | What is the first year on record that this individual met the mobility disability definition? | PHDBIRTH.BIRTH_INFANT | ANOMALY_ADACTLY, ANOMALY_CLUB_FT, ANOMALY_LIMB_REDUCTION, ANOMALY_MENI_SB, ANOMALY_OTHER_MUSC |
| | | PHDBSAS.BSAS | CLT_ENR_MOB_AID_MAN_WC CLT_ENR_MOB_AID_NONE CLT_ENR_MOB_AID_WALKER CLT_ENR_MOB_AID_WC |
| | | PHDDHCD.DHCD | PHYS_DISABILITY_DHCD |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25, MED_PROC_CODE |
| | | PHDBSAS.HOCMOUD | mat_enrol_17__3, mat_enrol_17__4, mat_enrol_17__5, mat_enrol_17__1 |
| DISABILITY_VISION | What is the first year on record that this individual met the vision disability definition? | PHDAPCD.MHEE | MHEE_DISABILITYCODE |
| | | PHDBSAS.BSAS | CLT_ENR_VISION_IMPAIR |
| | | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25, MED_PROC_CODE |
| | | PHDBSAS.HOCMOUD | Mat_enrol_18, mat_enrol_25__9 |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c, mat_dis_7__12 |
| DISABILITY_UNCAT | What is the first year on record that this individual met the uncategorized disability definition? | PHDAPCD.DENTAL | DENT_RELATION |
| | | PHDAPCD.MEDICAL | MED_RELATION, MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25, MED_PROC_CODE |
| | | PHDAPCD.PHARMACY | PHARM_RELATION |
| | | PHDAPCD.MHEE | MHEE_DISABILITYCAT MHEE_DISABILITYCODE MHEE_DISABILITYAIDCATFLAG MHEE_SSAIDFLAG MHEE_KALEIGHMULLIGANAIDFLAG |

Appendices

| Spine Variable | Description | Dataset | Variable |
|--------------------|--|---|--|
| | | PHDBIRTH.BIRTH_INFANT | ANOMALY_POLYDAC, ANOMALY_SYNDACTYLY |
| | | PHDBSAS.BSAS | CLT_ENR_SELF_CARE_IMPAIR |
| | | PHDDHCD.DHCD | DISABILITY_DHCD PHYS_DISABILITY_DHCD |
| | | PHDDTA.DTA | DISABILITY_DTA INELIGIBILITY_REASON DIS_SOURCE_DTA |
| | | PHDBSAS.HOCMOUD | Mat_enrol_20, mat_enrol_25__8 |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c, mat_dis_7__11 |
| DISABILITY_CANCER | What is the first year on record that this individual met the cancer disability definition? | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25 |
| | | PHDMCR.MCR | ID, BEHAVIOR_CODE |
| DISABILITY_CHRONIC | What is the first year on record that this individual met the chronic disability definition? | PHDAPCD.MEDICAL | MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE, MED_ICD1-MED_ICD25 |
| | | PHDHIV.HIV_INC, PHDHIV.HIV_PREV | ID |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_5a, mat_dis_5b, mat_dis_5c |
| DISABILITY_COMBO | What is the first year on record that this individual met the disability definition for one of the following variables: DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, and DISABILITY_UNCAT | See datasets listed above for DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, and DISABILITY_UNCAT | See variables listed above for DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, and DISABILITY_UNCAT |

Appendices

| Spine Variable | Description | Dataset | Variable |
|-------------------|---|---------------------|---|
| | IC, or DISABILITY_UNCAT ? | | |
| EDUCATION | Highest level of Education of individual | PHDBIRTH.BIRTH_MOM | MOTHER_EDU |
| | | PHDBSAS.BSAS | CLT_ENR_EDUCATION |
| | | PHDDEATH.DEATH | EDU_DEATH |
| | | PHDDMH.DMH | EDUCATION_DMH |
| | | PHDDTA.DTA | EDU_DTA |
| | | PHDFETAL.FETALDEATH | MOTHER_EDU_FD |
| | | PHDWIC.WIC_MOM | EDUCATION_WIC |
| EVER_INCARCERATED | Has person been incarcerated in MA's DOC or Berkshire, Essex, Franklin, Hampden, Hampshire, Middlesex, Norfolk, Plymouth, Suffolk, or Worcester HOC? | PHDDOC.DOC | ID |
| | | PHDHOC.HOC | ID |
| FOREIGN_BORN | Born outside the US? | PHDBIRTH.BIRTH_MOM | FOREIGN_BORN_BIRTH |
| | | PHDDEATH.DEATH | FOREIGN_BORN_DEATH |
| | | PHDFETAL.FETALDEATH | FOREIGN_BORN_FD |
| | | PHDDMH.DMH | CITIZEN_DMH |
| | | PHDHEPA.HAV | NON_US_BORN_HAV |
| | | PHDHEPC.HCV | NON_US_BORN_HCV |
| HOMELESS | Has the person been identified as homeless at the time of contact? | PHDAPCD.PHARMACY | Medical Supplement |
| | | PHDAPCD.MEDICAL | MED_ECODE |
| | | | MED_ADM_DIAGNOSIS |
| | | | MED_DIS_DIAGNOSIS |
| | | | MED_ICD_PROC1- MED_ICD_PROC7 |
| | | | MED_ICD1-MED_ICD25 |
| | | PHDBSAS.BSAS | CLT_HOMELESS_AT_ENR CLT_ENR_CHRONIC_HOMELESS |
| | | PHDBSAS.HOCMOUD | MAT_enrol_5a, MAT_ENROL_15 |

Appendices

| Spine Variable | Description | Dataset | Variable |
|------------------|--|------------------|--|
| | | PHDCM.ED | ED_HOMELESS ED_DIAG1 |
| | | PHDCM.HD | HD_HOMELESS HD_DIAG |
| | | PHDCM.OO | OO_HOMELESS OO_DIAG1- OO_DIAG11 |
| | | PHDDEATH.DEATH | HOMELESS_DEATH |
| | | PHDDHCD.DHCD | RES_TYPE_DHCD |
| | | PHDDMH.DMH | LIVING_ARRANGEMENT_CLIEN T_DMH |
| | | PHDDTA.DTA | HOMELESS_DTA INELGIBILITY_REASON |
| | | PHDEI.EI_CLIENTS | HOMELESS_EI HOMELESS_NOW_EI HOMELESS_FAMILY |
| | | PHDHEPA.HAV | HOMELESS_HAV |
| | | PHDHIV.HIV_INC | HOMELESS_HIV_INC |
| | | PHDHIV.HIV_PRE | RES_ZIP_HIV_PREV |
| | | PHDEMS.MATRIS | HOMELESS_MATRIS |
| | | PHDPMP.PMP | HOMELESS_PMP |
| | | PHDWIC.WIC_KID | HOMELESS_KID HOUSING_STATUS_KID |
| | | PHDWIC.WIC_MOM | HOMELESS_MOM HOUSING_STATUS_MOM |
| HOMELESS_HISTORY | Has the person been homeless at least once in the past? | PHDBSAS.BSAS | CLT_ENR_CHRONIC_HOMELESS |
| | | PHDBSAS.HOCMOUD | MAT_enrol_5a, MAT_ENROL_15 |
| | | PHDDHCD.DHCD | HOMELESS_COUNT_LAST3YRS HOMELESS_MONTHS_LAST3YR S RES-TYPE_DHCD |
| | | PHDEI.EI_CLIENTS | HOMELESS_RECENTLY_EI |
| | | PHDHEPC.HCV | EVER_HOMELESS_HCV |
| OCCUPATION_CODE | Is there at least one occupation code? | PHDDEATH.DEATH | BLS_OCC_DEATH CENSUS_OCC_DEATH |
| | | PHDBIRTH.BIRTH | BLS_OCC_BIRTH CENSUS_OCC_BIRTH |
| | | PHDDIA.DIA | BLS_OCC_DIA CENSUS_OCC_DIA |
| INDUSTRY_CODE | Is there at least one industry code? | PHDDEATH.DEATH | NAICS_DEATH |
| | | PHDBIRTH.BIRTH | NAICS_BIRTH |
| | | PHDDIA.DIA | NAICS_DIA |

Appendices

| Spine Variable | Description | Dataset | Variable |
|-----------------------------|--|--|---|
| OCCUPATION_MANY | Is there more than one occupation code? | PHDDEATH.DEATH | BLS_OCC_DEATH CENSUS_OCC_DEATH |
| | | PHDBIRTH.BIRTH | BLS_OCC_BIRTH CENSUS_OCC_BIRTH |
| | | PHDDIA.DIA | BLS_OCC_DIA CENSUS_OCC_DIA |
| INDUSTRY_MANY | Is more than one industry code? | PHDDEATH.DEATH | NAICS_DEATH |
| | | PHDBIRTH.BIRTH | NAICS_BIRTH |
| | | PHDDIA.DIA | NAICS_DIA |
| LANGUAGE_ | What language does the person speak? English, another language, or English and another language? | PHDDMH.DMH | LANGUAGE_DMH |
| | | PHDDMH.DMH_RAP | LANGUAGE_RAP_DMH |
| | | PHDBIRTH.BIRTH_MOM | LANGUAGE_SPOKEN |
| | | PHDDTA.DTA | LANGUAGE_DTA |
| | | PHDEI.EI_CLIENTS | PRIMARY_LANGUAGE_EI |
| | | PHDHIV.HIV_INC | ENGLISH_SPEAKING_HIV |
| | | PHDBSAS.BSAS_HOC_MOUD | MAT_DIS_6N |
| OTHER_LANG1- OTHER_LANG3 | If LANGUAGE is not English, what is the language? | PHDDMH.DMH | LANGUAGE_DMH INTERPRETER_DMH |
| | | PHDDMH.DMH_RAP | LANGUAGE_RAP_DMH INTERPRETER_RAP_DMH |
| | | PHDBIRTH.BIRTH_MOM | LANGUAGE_SPOKEN |
| | | PHDDTA.DTA | LANGUAGE_DTA |
| | | PHDEI.EI_CLIENTS | PRIMARY_LANGUAGE_EI |
| | | PHDHIV.HIV_INC | ENGLISH_SPEAKING_HIV |
| | | PHDBSAS.HOCMOUD_DIS | Mat_dis_6n |
| NON_MA | Is this individual likely not an MA resident? | PHDAPCD.DENTAL | ID, RES_ZIP_APCD_DENTAL |
| | | PHDAPCD.MHEE | ID |
| | | PHDAPCD.PHARMACY | ID, RES_ZIP_APCD_PHARM |
| | | PHDAPCD.ME | ID, RES_ZIP_APCD_ME |
| | | PHDAPCD.MEDICAL | ID, RES_ZIP_APCD_MED |
| | | PHDBSAS.BSAS, PHDBSAS.HOCMOUD, PHDBSAS.HOCMOUD_DIS | ID |
| | | , PHDBSAS.HOCMOUD_PE | |

Appendices

| Spine Variable | Description | Dataset | Variable |
|----------------|-------------|---|----------|
| | | RIOD, PHDBSAS.HOCSURV | |
| | | PHDBIRTH.BIRTH_INFANT , PHDBIRTH.BIRTH_MOM | ID |
| | | PHDCM.ED | ID |
| | | PHDCM.ED_DIAG | ID |
| | | PHDCM.ED_PROC | ID |
| | | PHDCM.HD | ID |
| | | PHDCM.HD_DIAG | ID |
| | | PHDCM.HD_PROC | ID |
| | | PHDCM.OO | ID |
| | | PHDDCF.DCF | ID |
| | | PHDDEATH.DEATH | ID |
| | | PHDDHCD.DHCD | ID |
| | | PHDDIA.DIA | ID |
| | | PHDDMH.DMH | ID |
| | | PHDDOC.DOC | ID |
| | | PHDDTA.DTA | ID |
| | | PHDDVS.DVS_CH115, PHDDVS.DVS_ANN | ID |
| | | PHDEI.EI_CLIENTS | ID |
| | | PHDFETAL.FETALDEATH | ID |
| | | PHDHEPA.HAV | ID |
| | | PHDHEPC.HCV | ID |
| | | PHDHIV.HIV_PREV | ID |
| | | PHDHIV.HIV_INC | ID |
| | | PHDHOC.HOC | ID |
| | | PHDSPINE.DEMO | ID |
| | | PHDEMS.MATRIS | ID |
| | | PHDPMP.PMP | ID |
| | | PHDTOX.TOX | ID |
| | | PHDWIC.WIC_KID | ID |
| | | PHDWIC.WIC_MOM | ID |
| | | PHDBSAS.HOCMOUD | ID |
| | | PHDBSAS.HOCSURV | ID |
| | | PHDBSAS.HOCMOUD_DIS | ID |
| | | PHDBSAS.HOCMOUD_PE RIOD | ID |

Appendices

| Spine Variable | Description | Dataset | Variable |
|---|--|-------------------------------------|---|
| RACEETH_MANY, RACEETH_NEVER, FINAL_RE | <p>RACEETH_MANY: (For those where RaceEth_Never = 0) Is there more than one race/ethnicity value recorded for this PHD ID across all data sets or within a data set?</p> <p>RACEETH_NEVER: Is there no race or ethnicity recorded for this PHD ID across all data sets or within any data sets?</p> <p>FINAL_RE: Resolves an ID to one race/ethnicity value based on a system of tiering the PHD datasets and using revised Vitals Methodology when dealing with multiple values</p> | PHDBIRTH.BIRTH_INFANT | MOTHER_RACE_BIRTH (from PHDBIRTH.BIRTH_MOM linked via BIRTH_LINK_ID) |
| | | PHDBIRTH.BIRTH_MOM | MOTHER_RACE_BIRTH |
| | | PHDBSAS.BSAS | RACE_BSAS |
| | | PHDCM.ED | ED_RACE |
| | | PHDCM.HD | HD_RACE |
| | | PHDCM.OO | OO_RACE |
| | | PHDDEATH.DEATH | RACE_DEATH |
| | | PHDDHCD.DHCD | RACE_DHCD |
| | | PHDDOC.DOC | RACE_DOC |
| | | PHDDMH.DMH | RACE_DMH |
| | | PHDDTA.DTA | RACE_DTA |
| | | PHDDVS.DVS_CH115, PHDDVS.DVS_ANN | RACE_DVS |
| | | PHDEI.EI_CLIENTS | RACE_EI |
| | | PHDFETAL.FETALDEATH | MOTHER_RACE_FD |
| | | PHDHOC.HOC | RACE_HOC |
| | | PHDEMS.MATRIS | RACE_MATRIS |
| | | PHDHEPA.HAV | RACE_HAV |
| | | PHDHEPC.HCV | RACE_HCV |
| | | PHDHIV.HIV_INC | RACE_HIV |
| | | PHDHIV.HIV_PRE | RACE_HIV |
| | | PHDMCR.MCR | RACE_MCR |
| | | PHDWIC.WIC_KID | RACE_WIC_KID |
| | | PHDWIC.WIC_MOM | RACE_WIC_MOM |
| SELF_FUNDED | This flags individuals we can find since March 2016 in PHD data that we cannot find having an APCD record since March 2016 (but that also had an APCD record in 2014-Feb 2016) - what does that mean? It most | PHDBIRTH.BIRTH_INFANT | ID |
| | | PHDBIRTH.BIRTH_MOM | ID |
| | | PHDBSAS.BSAS | ID |
| | | PHDCM.ED | ID |
| | | PHDCM.ED_DIAG | ID |
| | | PHDCM.ED_PROC | ID |
| | | PHDCM.HD | ID |
| | | PHDCM.HD_DIAG | ID |
| | | PHDCM.HD_PROC | ID |
| | | PHDCM.OO | ID |
| | | PHDDCF.DCF | ID |

Appendices

| Spine Variable | Description | Dataset | Variable |
|------------------------------------|---|--|--------------------------------------|
| | likely means they are on a self-funded insurance plan (which no longer is required to report APCD data as of 2016) but that we can tell they are still present in the state after they stopped having visible APCD data | PHDDEATH.DEATH | ID |
| | | PHDDHCD.DHCD | ID |
| | | PHDDIA.DIA | ID |
| | | PHDDMH.DMH | ID |
| | | PHDDOC.DOC | ID |
| | | PHDDTA.DTA | ID |
| | | PHDDVS.DVS_CH115, PHDDVS.DVS_ANN | ID |
| | | PHDEI.EI_CLIENTS, PHDEI.EI_DISCHARGES | ID |
| | | PHDFETAL.FETALDEATH | ID |
| | | PHDHEPA.HAV | ID |
| | | PHDHEPC.HCV | ID |
| | | PHDHIV.HIV_PREV | ID |
| | | PHDHIV.HIV_INC | ID |
| | | PHDHOC.HOC | ID |
| | | PHDSPINE.DEMO | ID |
| | | PHDEMS.MATRIS | ID |
| | | PHDMCR.MCR | ID |
| | | PHDPMP.PMP | ID |
| | | PHDTOX.TOX | ID |
| | | PHDWIC.WIC_KID | ID |
| | | PHDWIC.WIC_MOM | ID |
| | | PHDAPCD.DENTAL | ID |
| | | PHDAPCD.MEDICAL | ID |
| | | PHDAPCD.PHARMACY | ID |
| | | PHDBSAS.HOCMOUD | ID |
| | | PHDBSAS.HOCSURV | ID |
| | | PHDBSAS.HOCMOUD_D IS | ID |
| | | PHDBSAS.HOCMOUD_P ERIOD | ID |
| SEX_MANY SEX_NEVER FINAL_SEX | SEX_MANY: (For those where Sex_Never = 0) Is there more than one sex value recorded for this PHD ID across all data | PHDAPCD.DENTAL | DENT_SEX |
| | | PHDAPCD.MEDICAL | MED_SEX |
| | | PHDAPCD.PHARMACY | PHARM_SEX |
| | | PHDBIRTH.BIRTH_INFAN T | SEX_BIRTH |
| | | PHDBIRTH.BIRTH_MOM | ID (all individuals coded as female) |

Appendices

| Spine Variable | Description | Dataset | Variable |
|----------------|--|-------------------------------------|---|
| | <p>sets or within a data set?</p> <p>SEX_NEVER: Is there no sex recorded for this PHD ID across all data sets or within any data sets?</p> <p>FINAL_SEX: Resolves an ID to one sex value based on a system of tiering the PHD datasets</p> | PHDBSAS.BSAS | SEX_BSAS |
| | | PHDCM.ED | ED_SEX |
| | | PHDCM.HD | HD_SEX |
| | | PHDCM.OO | OO_SEX |
| | | PHDDEATH.DEATH | SEX_DEATH |
| | | PHDDHCD.DHCD | SEX_DHCD |
| | | PHDDIA.DIA | SEX_DIA |
| | | PHDDOC.DOC | SEX_DOC |
| | | PHDDMH.DMH | SEX_DMH |
| | | PHDDTA.DTA | SEX_DTA |
| | | PHDDVS.DVS_CH115, PHDDVS.DVS_ANN | SEX_DVS |
| | | PHDEI.EI_CLIENTS | SEX_EI |
| | | PHDFETAL.FETALDEATH | ID (all individuals coded as female) |
| | | PHDHOC.HOC | SEX_HOC |
| | | PHDEMS.MATRIS | SEX_MATRIS |
| | | PHDHEPA.HAV | SEX_HAV |
| | | PHDHEPC.HCV | SEX_HCV |
| | | PHDHIV.HIV_INC | SEX_HIV |
| | | PHDHIV.HIV_PRE | SEX_HIV |
| | | PHDMCR.MCR | SEX_MCR |
| | | PHDPMP.PMP | SEX_PMP |
| | | PHDWIC.WIC_KID | SEX_KID |
| | | PHDWIC.WIC_MOM | SEX_MOM |
| | | PHDBSAS.HOCSURV | surveil_a_5, surveil_a_5a |
| | | PHDBSAS.HOCMOUD | mat_enrol_a5, Mat_enrol_7a |
| | | PHDBSAS.HOCMOUD_DIS | mat_dis_gender |
| VETERAN | Is the individual a US Veteran? | PHDBSAS.BSAS | CLT_TYPE_VETERAN_BSAS |
| | | PHDDEATH.DEATH | VETERAN_DEATH SOC_DEATH NAICS_DEATH CENSUS_OCC_DEATH CENSUS_IND_DEATH |
| | | PHDDTA.DTA | MILITARY_SVC_FLG_DTA DIS_SOURCE_DTA |
| | | PHDPMP.PMP | PHARM_NAME PAYMENT_TYPE_PMP VA_PMP |

Appendices

| Spine Variable | Description | Dataset | Variable |
|---------------------------------|--|--|---|
| | | PHDDVS.DVS_CH115, PHDDVS.DVS_ANN | ID |
| | | APCD (PHDAPCD.PRODUCT, PHDAPCD.PROVIDER, PHDAPCD.DENTAL, PHDAPCD.PHARMACY, PHDAPCD.MEDICAL) | PROD_PRODUCT_LINE, PROV_ENTITY, DENT_INSURANCE_TYPE, PHARM_INSURANCE_TYPE, MED_INSURANCE_TYPE |
| | | PHDDHCD.DHCD | VETERAN_DHCD |
| | | PHDDMH.DMH | VETERAN_DMH DISCHARGE_DISP_DMH |
| | | PHDMCR.MCR | PAYER_MCR |
| | | PHDCM.HD | HD_VETERANSTATUS, HD_PAYERNAME1, HD_PAYERNAME2 |
| | | PHDCM.ED | ED_PAYSOURCE1, ED_PAYSOURCE2 |
| | | PHDCM.OO | OO_PAYSOURCE1, OO_PAYSOURCE2 |
| | | PHDBSAS.HOCSURV | SURVEIL_11D |
| | | PHDBSAS.HOCMOUD | MAT_ENROL_11D |
| WRITTEN_LANG1- WRITTEN_LANG2 | Which language does the person write in? | PHDBIRTH. PHD_BIRTH_MOM | LANGUAGE_WRITTEN |
| | | PHDEI.EI_CLIENTS | WRITTEN_LANGUAGE_EI |