

PHD 2.0 Data Dictionaries Part 1

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Update Changes

Update Summary Version 13

PHD Dataset	Changes
DIA	2022 Data Added
BSAS, DTA, DOC, MATRIS, HOC Worcester, HOC Hampshire, HOC Plumouth, PMP	2023 Data Added
PHDDeath.Deaths	Updated pregnancy associated and pregnancy related flags for 2016-2022
PHDDIA.DIA	Added ANSI_BODY7, ANSI_BODY8 ANSI_NATURE7 ANS_NATURE8 variables
PHDEMS.MATRIS	1. Added in the following new fields - SECOND_IMPRESSION18-SECOND_IMPRESSION41 2. Refreshed 2022 data, added 2023 data
PHDBSAS.BSAS	Added new fields to pdm_prv_serv_type in Analytic and Subset DD. Reformatted and re-alphabetized Analytic DD.
phdhoc.hoc	removed adtype_month_hoc, adtype_year_hoc, adtype_date_hoc
PHDCENS.DONAHUE_POP_SINGLEYEARS_2020	Added Umass Donahue Single Year Population Estimates by Town, Race/ethnicity, sex and age group
PHDCENS.DONAHUE_POP_5YEARGROUP_2020	Added Umass Donahue 5 Year Population Estimates by Town, Race/ethnicity, sex and age group

Update Summary Version 12

PHD Dataset	Changes
PHDWIC.WIC_MOM	ETHNICITY_WIC_MOM added 99=missing
PHDDeath.Death	Expanded definition on pregnancy associated and pregnancy related flags
PHDSPINE.DEMO	1. Updated: APCD_MED, APCD_ANYCLAIM, DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, DISABILITY_UNCAT, DISABILITY_COMBO, YOB, HOMELESS, HOMELESS_HISTORY, LANGUAGE, OTHER_LANG1-OTHER_LANG3 WRITTEN_LANG 2. Added the value of 3 from MHEE_DisabilityCode (i.e. CommonHealth) to DISABILITY_UNCAT; MassHealth CommonHealth offers health care benefits similar to MassHealth Standard to disabled adults and disabled children who cannot get MassHealth Standard
PHDSPINE.MOUD	Being rerun with HCPCS J0592 included; 2022 data is being added
DVS	2021-2023 are being added
WIC_MOM and WIC_KID	2023 data is being added

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PHD Dataset	Changes
HIV_INC HIV_PREV	2022 data is being added
Essex HOC	2011-2020 being refreshed, 2021-2023 being added
Middlesex HOC	2023 being added
Norfolk	2022-2023 being added
PHDDeath.Death	Expanded definition on pregnancy associated and pregnancy related flags
PHDWIC.WIC_MOM	ETHNICITY_WIC_MOM added 99=missing
PHDSPINE.OVERDOSE	Added new ICD search criteria & 2022 data
PHDSPINE.DEMO	1. Updated: APCD_MED, APCD_ANYCLAIM, DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, DISABILITY_UNCAT, DISABILITY_COMBO, YOB, HOMELESS, HOMELESS_HISTORY, LANGUAGE, OTHER_LANG1-OTHER_LANG3 WRITTEN_LANG 2. Added the value of 3 from MHEE_DisabilityCode (i.e. CommonHealth) to DISABILITY_UNCAT; MassHealth CommonHealth offers health care benefits similar to MassHealth Standard to disabled adults and disabled children who cannot get MassHealth Standard
PHDSPINE.MOUD	1) Current through 2022 now 2) Added J0592
PHDWIC.WIC_KID	revised proxy data variable language to reflect closest dates are larger
PHDDOC.DOC	Updated description of ADMIT_RECENT_DATE_DOC, ADMIT_INITIAL_DATE_DOC, RELEASE_DATE_DOC
PHDZIP.OEND	NEW dataset: The Overdose Education and Naloxone Distribution Program (OEND) dataset has been revised; it will now be 1 dataset that includes narcan encounter level data.
PHDSPINE.DEMO	Added in YOB - the estimated year of birth for each ID, to be used to calculate age
PHDPHDSPINE.OVERDOSE	New 2021 ICD codes were added to the existing search criteria: /*new in 2021*/ "T40411A", "T40411D", "T40412A", "T40412D", "T40413A", "T40413D", "T40414A", "T40414D", "T40421A", "T40421D", "T40422A", "T40422D", "T40491A", "T40491D", "T40492A", "T40492D", "T40493A", "T40493D", "T40494A", "T40494D", "T40423A", "T40423D", "T40424A", "T40424D" and removed "9701"

[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.	

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PHD Dataset	Changes	Notes
PHDBSAS.HOCMOUD, PHDBSAS.HOCMOud_DIS, PHDBSAS.HOCSURV	<p>updated mat_enrol_a_7 and surveil_a_7a with values for Bristol HOC</p> <p>updated county variables to include Bristol and Berkshire</p> <p>added notes about missing values to data dictionary</p> <p>For HOC MOUD- removed mat_enrol_27e13 from data dictionary</p> <p>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</p>	
PHDFETAL.FETALDEATH	Added expanded description of FETAL_DEATH_LINK_ID	
PHDSPINE.DEMO	<p>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</p> <p>OTHER_LANG1-OTHER_LANG3 WRITTEN_LANG1-WRITTEN_LANG2 category 52 (other) merged with 0 (missing/unknown), and duplicates removed</p>	
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	

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

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_CONFIRMED	Congenital anomalies - suspected chromosomal disorder: Karyotype confirmed (chromosomal disorder)	0=No 1=Yes 9=Unknown Blank=N/A (MF Record)	Num
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

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Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

Variable Name	Variable Description	Meta Data	Format
ANOMALY_MENI_SB	Congenital anomalies - Meningomyelocele/Spina bifida	0=No 1=Yes 9=Unknown	Num
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_OMP	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_POLYDACT	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 larger 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 larger 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

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

Variable Name	Variable Description	Meta Data	Format
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
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

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_CEN_AME R	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_COLOMBI AN	Father's Ethnicity - Colombian	0=No 1=Yes 9=Unknown	Num
FATHER_ETH_CUBAN	Father's Ethnicity - Cuban	0=No 1=Yes 9=Unknown	Num
FATHER_ETH_DOMINIC AN	Father's Ethnicity - Dominican	0=No 1=Yes 9=Unknown	Num
FATHER_ETH_EUROPEA N	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_GUATEM ALAN	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_HONDUR AN	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

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_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
FATHER_ETH_PAC_ISLOT	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_AMERICAN_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_AMERICAN_NATIVE	Father's Race - American Indian/Alaska Native/Native American	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_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
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_SAMOA	Father's Race - Samoan	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_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
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

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_HEPB	HEPB vaccine given	0=No 1=Yes 9=Unknown Blank=N/A (MF Record)	Num
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

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

Variable Name	Variable Description	Meta Data	Format
NAS_BC_NEW	<p>Neonatal abstinence syndrome-new flag added to birth certificates on 11/20/2019</p> <p>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.</p>	<p>0=No 1=Yes 9=Unknown Blank=N/A (MF Record)</p>	Num
NEONAT_AVEN1	Neonatal procedures - Assisted ventilation required immediately following delivery	<p>0=No 1=Yes 9=Unknown Blank=N/A (MF Record)</p>	Num
NEONAT_AVEN6	Neonatal procedures - Assisted ventilation required for more than six hours	<p>0=No 1=Yes 9=Unknown Blank=N/A (MF Record)</p>	Num
NEONAT_PROC_NONE	Neonatal procedures - None of the above	<p>0=No 1=Yes 9=Unknown</p>	Num
NEONAT_PROC_OTHER	Neonatal procedures - Other	<p>0=No 1=Yes 9=Unknown</p>	Num
NEONAT_PROC_PHOTO	Neonatal procedures - Phototherapy	<p>0=No 1=Yes 9=Unknown</p>	Num
NEONAT_PROC_SURF	Neonatal procedures - Newborn given surfactant replacement therapy	<p>0=No 1=Yes 9=Unknown</p>	Num
PLURALITY	Plurality	<p>Count 99=Unknown</p>	Num

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

Analytic Data Dictionary

(PHDBIRTH.BIRTH_INFANT)

Variable Name	Variable Description	Meta Data	Format
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

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

2114	Caritas Norwood Hospital	800 Washington Street	Norwood
2118	Brockton Hospital	680 Centre Street	Brockton
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 Hospitl	405 Washington Street	Revere

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

2242	Barnstable County Hospital	County Road	Bourne
2250	New England Sinai Hospital	P.O. Box 647, York St9	Stoughton
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

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

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
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

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

Analytic Data Dictionary (PHDBIRTH.BIRTH_INFANT)

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
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		
216I	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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
KOTELCHUCK	Adequacy of Prenatal Care Utilization Index	0=Missing/Unknown 1= Inadequate 2= Intermediate 3= Adequate 4=Intensive	Num
LAD_COMP_ABRUPTIO	Complications of Labor & Delivery - Abruption 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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
LAD_COMP_RUPT_PROLONG	Complications of labor & delivery - Rupture of membrane - prolonged (>24 hours)	0=No 1=Yes 9=Unknown	Num
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_INDUCTION	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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
LAD_PROC_MATERNAL_TRANFUSION	Labor & Delivery procedures - Maternal transfusion	0=No 1=Yes 9=Unknown Blank=N/A (MF Record)	Num
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

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_YEAR	Year of last other pregnancy outcome	YYYY	Num
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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
MATRISK_ANEMIA	Maternal risk factors - Anemia (HCT < 30, HGB < T10)	0=No 1=Yes 9=Unknown	Num
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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
MATRISK_HYPER_PRE_E	Maternal risk factors - Hypertension, pre-eclampsia	0=No 1=Yes 9=Unknown Blank=N/A (MF Record)	Num
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_OLIGOHYDRAMNIOS	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_DIABETES	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_PRETERM	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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
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
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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
MOTHER_ETH_CAMBODIAN	Mother's Ethnicity - Cambodian	0=No 1=Yes 9=Unknown	Num
MOTHER_ETH_CAPEVERDEAN	Mother's Ethnicity - Cape Verdean	0=No 1=Yes 9=Unknown	Num
MOTHER_ETH_CARIBBEAN	Mother's Ethnicity - Caribbean Islander	0=No 1=Yes 9=Unknown	Num
MOTHER_ETH_CENTRALAMERICAN	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_HISPANIC/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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
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
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_SOUTH_AMER_OTH	Mother's Ethnicity - Other South American	0=No 1=Yes 9=Unknown	Num
MOTHER_ETH_SALVADORAN	Mother's Ethnicity - Salvadoran	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_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
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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
MOTHER_RACE_PI_OT H	Mother's Race - Other Pacific Islander	0=No 1=Yes 9=Unknown Blank=N/A (MF Record)	Num
MOTHER_RACE_REFUS ED	Mother's Race - Refused	0=No 1=Yes 9=Unknown	Num
MOTHER_RACE_SAMO AN	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_NO W	Weight at admission for delivery (pounds)	Integer 999=Missing Blank=N/A (MF Record)	Num
MOTHER_WEIGHT_PRI OR	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_NU M	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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
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
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

Birth Records MOM - Registry of Vital Records and Statistics

Analytic Data Dictionary

(PHDBIRTH.BIRTH_MOM)

Variable Name	Variable Description	Meta Data	Format
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
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	Started being collected on 07/16/2018 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?	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_BSA S	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_DEVEL_DIS	DID CLIENT HAVE A DEVELOPMENTAL DISABILITY AT ENROLLMENT?	0 = NONE 1 = SLIGHT 2 = MODERATE 3 = SEVERE 9 = MISSING/UNKNOWN	NUM

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

Variable Name	Variable Description	Meta Data	Format
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
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/Unknown	Num
CLT_ENR_HEAR_IMPAIR	Did client have hearing impairment at enrollment?	0 = None 1 = Slight 2 = Moderate 3 = Severe 9 = Missing/Unknown	Num

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

Variable Name	Variable Description	Meta Data	Format
CLT_ENR_HOUSING_BSAS	Housing at enrollment	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_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/Unknown	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/Unknown	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/Unknown	Num
CLT_ENR_MARITAL_STATUS	Marital status at enrollment	1 = Never Married 2 = Married 3 = Separated 4 = Divorced 5 = Widowed 6 = Partnership 9 = Missing/Unknown	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/Unknown	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/Unknown	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/Unknown	Num

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

Variable Name	Variable Description	Meta Data	Format
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/Unknown	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/Unknown	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/Unknown	Num
CLT_ENR_OVERDOSES_LIFE	Number of drug overdoses in the client's lifetime	This is a continuous variable with values >= 0. 999 = missing	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/Unknown	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/Unknown	Num
CLT_ENR_ZIP_CODE	Client's zip code at enrollment	5 digit zip code	Char

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

Variable Name	Variable Description	Meta Data	Format
CLT_HOMELESS_AT_ENR	Identifies if client is homeless at enrollment?	0 = No 1 = Yes 8 = Unable to Determine 9 = Missing/Unknown	Num
CLT_ENR_CHRONIC_HOMELESS	Is client chronically homeless?	0 = No 1 = Yes 9 = Missing/unknown/invalid/not collected	Num
CLT_TYPE_VETERAN_BSAS	Client type at enrollment: Veteran	0 = No 1 = Yes 9 = Missing/Unknown	Num
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

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

Variable Name	Variable Description	Meta Data	Format
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
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

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

Variable Name	Variable Description	Meta Data	Format
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/Unknown	Num

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

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

	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)
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

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

	DIS_REFERRAL1 DIS_REFERRAL2 DIS_REFERRAL3
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
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

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

<u>pdm_prv_serv_cat</u>
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

<u>pdm_prv_serv_type</u>
1= 1st Offender Drunk Driver
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

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

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
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 (no longer provided 2023)
83=Heroin Education Aware Task
84=Post Detox Pre-Recovery
85=Family Intervention - Family Support
86=State Funded Earmarks
87=Enhanced MAT
88=Medication Assisted Re-Entry Initiative
89=Collaborative and Transitional Models for MAT

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

90=Moms Do Care
91=Transitional Addiction Treatment
92=SOR Home Visit Initiative – renamed FIRST steps together
93=Co-Occurring Enhanced Residential Rehab Services
94=Low Threshold (no longer provided 2023)
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
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
115=Community Based Project Amp
116 = Community Innovation
117 = School Based Early Intervention-Assessment Program
118 Stimulant Treatment and Recovery Teams
119 Temporary Low Threshold Housing
994= Other
995 =Unknown
996 =Not Applicable
997 =Missing
998 Not collected
999= Invalid

clt_enr_nbhd
1=Abington
2=Acton
3=Acushnet
4=Adams
5=Agawam

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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

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

clt_enr_nbhd
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
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_da te	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_m onth	Disenrollment month	Months, 1-12	num
mat_dis_disenroll_ye ar	Disenrollment year	Years, YYYY format	num
mat_dis_age	Disenrollment age	Age in years	num
dis_county	County	<p>1= Berkshire 2= Bristol 3= Essex 4= Franklin 5= Hampden 6= Hampshire 7= Middlesex 8= Norfolk 9= Suffolk</p>	num
mat_dis_reason	Disenrollment Reason	1= Administrative/non-compliant	num

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

Variable Name	Variable description	Meta Data	Format
		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	
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 40= Supervisor/employee Counselor 50= Shelter	num

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

Variable Name	Variable description	Meta Data	Format
		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 1= Self, Family, Non-medical Professional 2= BMC Central Intake/Room 5 3= ATS/Detox	num

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

Variable Name	Variable description	Meta Data	Format
		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 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	

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

Variable Name	Variable description	Meta Data	Format
		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 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	num

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

Variable Name	Variable description	Meta Data	Format
		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 88= Unknown Note: if missing, question was left blank during assessment	num
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	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_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
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	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
	DYS: Dept Youth Services		
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
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

BSAS MOUD Disenrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD_DIS)

Variable Name	Variable description	Meta Data	Format
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/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_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	num

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

Variable Name	Variable description	Meta Data	Format
		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	
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 Note: if missing, question was left blank during assessment	num
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

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

Variable Name	Variable description	Meta Data	Format
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
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)	(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
	Note: there are values when this is NOT true		
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 [mat_dis_mtqas_4] = '2' or '1') Note: there are values when this is NOT true	1= Oral 2= Injection 3= Patch 4= Implant 88= Unknown Note: if missing, question was left blank during assessment	num
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
Enroll_date	Enrollment date	Date Proxy: Count of days between enrollment date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred	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	1= Berkshire 2= Bristol 3= Essex 4= Franklin 5= Hampden 6= Hampshire 7= Middlesex 8= Norfolk 9= Suffolk	num
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 for 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
mat_enrol_16_88	Who do you live with? (Check all that apply) Unknown	0=No 1=Yes	num

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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
Mat_enrol_24d	<i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx. Opioid</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_24e	<i>Number of prior admissions to each substance abuse treatment modality (Do not count this tx. Drunk Driver</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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
mat_enrol_25_5	Currently receiving services from a state agency (Check all that apply) DDS developmental disabilities	0=No 1=Yes	Num
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
mat_enrol_25_88	Currently receiving services from a state agency (Check all that apply) Unknown	0=No 1=Yes	Num
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

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

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

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

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

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
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

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

Variable	Variable Description	Meta Data	Format
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
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

BSAS MOUD Enrollment Assessment

Analytic Data Dictionary

(PHDBSAS.HOCMOUD)

Variable	Variable Description	Meta Data	Format
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

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

Variable	Variable Description	Meta Data	Format
mat_period_1_year	Date collected year	Years, YYYY format Note: if missing, question was either left blank on assessment or date collected was not possible Note: if missing, the date collected was either not listed on assessment or was not possible	num
mat_period_1_age	Age at date collected	Age in years Note: if missing, the date collected was either not listed on assessment or was not possible, or date of birth listed was not possible	num
mat_period_2	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
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?	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_period_4	During the past 3 months, how many nights were you hospitalized for physical problems?	(888=Unknown; 999=Refused) Note: If missing, question was left blank during assessment	num
mat_period_5	How many overdoses have you had in the past three months?	(888=Unknown; 999=Refused) 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_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 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 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
surveil_3	What is the client's current adjudication status?	1= Pre-adjudicated 2= Sentenced 3= Safekeep	num

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

Variable	Variable Description	Metadata	Format
		4= Regional Lockup 5= Section 35 88= Unknown 99= Refused	
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 5= Other 6= MOUD not available upon jail entry 7= MOUD prescription not current 8= History of diversion	num

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
		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 Note: if missing, question was left blank during assessment	num
surveil_5	Do you own or rent a house, apartment, or room? (*ONLY if: [surveil_5a] = '0')	1= Yes 0= No 88= Unknown	num

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
	or [surveil_5 a] = '88' or [surveil_5a] = '99') *Please note, there are values even when this is not true	99= Refused Note: if missing, question was left blank during assessment	
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 Note: if missing, question was left blank during assessment	num
surveil_11d	Veteran/Any Military Service	1= Yes 0= No 88= Unknown 99= Refused	num

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
		Note: if missing, question was left blank during assessment	
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 Note: if missing, question was left blank during assessment	num
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

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Variable	Variable Description	Metadata	Format
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 99= Refused Note: if missing, question was left blank during assessment	num
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)	1= Yes 0= No 88= Unknown 99= Refused	num

**BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
	B. Cocaine	Note: if missing, question was left blank during assessment	
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.) F. 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
surveil_20a7	History of Substance Use: Have you ever used:	1= Yes 0= No	num

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
	G. Methamphetamine	88= Unknown 99= Refused Note: if missing, question was left blank during assessment	
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
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]	1= Yes Note: missing indicates surveil_20a9 is not equal 1	num

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Variable	Variable Description	Metadata	Format
	*Please note, there are values even when this is not true		
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
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

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

Variable	Variable Description	Metadata	Format
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
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

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
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 5= Other 6= Electronic Devices/Vaping 88= Unknown 99= Refused	num
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

BSAS HOC DOC Surveillance
Analytic Data Dictionary
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Variable	Variable Description	Metadata	Format
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 9= I. Other Note: if missing, question was left blank during assessment	num
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	num

BSAS HOC DOC Surveillance
Analytic Data Dictionary
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Variable	Variable Description	Metadata	Format
		Note: if missing, question was left blank during assessment	
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 hospitalized for physical problems?	(unknown = 888; refused = 999) Note: if missing, question was left blank during assessment	num
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	(0-100; unknown = 888; refused = 999)	num

BSAS HOC DOC Surveillance
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Variable	Variable Description	Metadata	Format
	stay overnight somewhere for treatment of problems with your emotions, nerves, or mental health?	Note: if missing, question was left blank during assessment	
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 fourteen 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
13. **DONAHUE_POP_5YEARGROUP_2020**: UMass Donahue Institute 2020 population estimates by [city/town, 5 year age groups, race/ethnicity, and sex](#)
14. **DONAHUE_POP_SINGLEYEARS_2020**: UMass Donahue Institute 2020 population estimates by [city/town, single year \(under 1 – 20 years\), race/ethnicity, and sex](#)

Sets 1 and 7 (**POP_ACS_ZCTA** and **POP_ACS_COUNTY**) are 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 the Bureau of Family Health and Nutrition. Dataset 6 is based on Census ACS files created by the Bureau of Community Health and Prevention.

POPULATION CENSUS

Analytic Data Dictionary

(PHDCENS)

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 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
PERCBLACK	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)

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
Median_age	Median age in years	Num
Percent_limited_English	% limited English Households	Num
Percent_renters	% renters	Num

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

Variable Name	Description	Format
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
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

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Variable Name	Description	Format
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
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

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Variable Name	Description	Format
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
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

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Variable Name	Description	Format
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
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,	Num

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Variable Name	Description	Format
	civilian employed population 16 years and over (industry)	
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
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

POPULATION CENSUS
Analytic Data Dictionary
(PHDCENS)

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
PERBLACK	Percent population that is Black	Num
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

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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
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

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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
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

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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
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

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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

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[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.

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

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Variable Name	Description	Format
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
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

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Variable Name	Description	Format
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
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

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13. [DONAHUE_POP_5YEARGROUP_2020](#): UMass Donahue Institute 2020 population estimates by city/town, 5 year age groups, race/ethnicity, and sex

Variable Name	Variable Description	Format
Year	Year of population estimates	Date
Community_code	Code for Community Names (001 – 351)	Num
Community	Name of City/Town	Char
sex_code	Numeric Code for Sex Variable 1 = MALE 2 = FEMALE 3 = TOTAL	Num
sex	DESCRIPTION: Sex of population estimate Male Female Total	Char
Age_Group_Code	Numeric Code for Age Groups 101 = Under 5 years 102 = 5 to 9 years 103 = 10 to 14 years 104 = 15 to 19 years 105 = 20 to 24 years 106 = 25 to 29 years 107 = 30 to 34 years 108 = 35 to 39 years 109 = 40 to 44 years 110 = 45 to 49 years 111 = 50 to 54 years 112 = 55 to 59 years 113 = 60 to 64 years 114 = 65 to 69 years 115 = 70 to 74 years 116 = 75 to 79 years 117 = 80 to 84 years 118 = 85 years and over 119 = Total all ages	Num
Age_Group_Description	Description: Age Group breakdown in 5 year increments Under 5 years 5 to 9 years 10 to 14 years 15 to 19 years 20 to 24 years	Char

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Variable Name	Variable Description	Format
	25 to 29 years 30 to 34 years 35 to 39 years 40 to 44 years 45 to 49 years 50 to 54 years 55 to 59 years 60 to 64 years 65 to 69 years 70 to 74 years 75 to 79 years 80 to 84 years 85 years and over Total all ages	
Ethnicity_Description	Description: Ethnicity of Population Estimates Hispanic Non-Hispanic	Char
Ethnicity_Code	Numeric Code for Ethnicity Variable 9 = Hispanic 75 = Non-Hispanic	Num
Race_Code	Numeric code for race variable 1 = White 2 = Black or African American 3 = Asian 4 = American Indian or Alaska Native 5 = Native Hawaiian or Other Pacific Islander 72 = Multi - Race	Num
Race_Description	Race for Population Estimates White Black or African American Asian American Indian or Alaska Native Native Hawaiian or Other Pacific Islander Multi - Race	Char
Race_Ethnicity_Code	Numeric Code for Race/Ethnicity 1 = White – Not Hispanic 2 = Black or African American – Not Hispanic 3 = Asian – Not Hispanic 4 = American Indian or Alaska Native – Not Hispanic 5 = Native Hawaiian or Other Pacific Islander – Not Hispanic 72 = Multi – Race – Not Hispanic 33 = White – Hispanic	Num

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Variable Name	Variable Description	Format
	34 = Black or African American – Hispanic 35 = Asian – Hispanic 36 = American Indian or Alaska Native – Hispanic 37 = Native Hawaiian or Other Pacific Islander – Hispanic 73 = Multi – Race – Hispanic	
Race_Ethnicity_Description	Description: Description of Race/Ethnicity for population estimates White – Not Hispanic Black or African American – Not Hispanic Asian – Not Hispanic American Indian or Alaska Native – Not Hispanic Native Hawaiian or Other Pacific Islander – Not Hispanic Multi – Race – Not Hispanic White – Hispanic Black or African American – Hispanic Asian – Hispanic American Indian or Alaska Native – Hispanic Native Hawaiian or Other Pacific Islander – Hispanic Multi – Race – Hispanic	Char
Population	Population Estimates	Num
res_code	PHD Community Code (1 – 351)	NUM

14. [DONAHUE POP SINGLEYEARS 2020](#): UMass Donahue Institute 2020 population estimates by city/town, single year(under 1 – 20 years), race/ethnicity, and sex

Variable Name	Variable Description	Format
Year	Year of population estimates	Date
Community_code	Code for Community Names (001 – 351)	Num
Community	Name of City/Town	Char
sex_code	Numeric Code for Sex Variable 1 = MALE 2 = FEMALE 3 = TOTAL	Num
sex	DESCRIPTION: Sex of population estimate Male Female	Char

POPULATION CENSUS
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Variable Name	Variable Description	Format
	Total	
Age_Group_Code	Numeric Code for Age Groups 201 = Under 1 year 202 = 1 year 203 = 2 years 204 = 3 years 205 = 4 years 206 = 5 years 207 = 6 years 208 = 7 years 209 = 8 years 210 = 9 years 211 = 10 years 212 = 11 years 213 = 12 years 214 = 13 years 215 = 14 years 216 = 15 years 217 = 16 years 218 = 17 years 219 = 18 years 220 = 19 years 221 = 20 years	Num
Age_Group_Description	Description: Age Group breakdown in 5 year increments 201 = Under 1 year 202 = 1 year 203 = 2 years 204 = 3 years 205 = 4 years 206 = 5 years 207 = 6 years 208 = 7 years 209 = 8 years 210 = 9 years 211 = 10 years 212 = 11 years 213 = 12 years 214 = 13 years 215 = 14 years 216 = 15 years 217 = 16 years	Char

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Variable Name	Variable Description	Format
	218 = 17 years 219 = 18 years 220 = 19 years 221 = 20 years	
Ethnicity_Description	Description: Ethnicity of Population Estimates Hispanic Non-Hispanic	Char
Ethnicity_Code	Numeric Code for Ethnicity Variable 9 = Hispanic 75 = Non-Hispanic	Num
Race_Code	Numeric code for race variable 1 = White 2 = Black or African American 3 = Asian 4 = American Indian or Alaska Native 5 = Native Hawaiian or Other Pacific Islander 72 = Multi - Race	Num
Race_Description	Race for Population Estimates White Black or African American Asian American Indian or Alaska Native Native Hawaiian or Other Pacific Islander Multi - Race	Char
Race_Ethnicity_Code	Numeric Code for Race/Ethnicity 1 = White – Not Hispanic 2 = Black or African American – Not Hispanic 3 = Asian – Not Hispanic 4 = American Indian or Alaska Native – Not Hispanic 5 = Native Hawaiian or Other Pacific Islander – Not Hispanic 72 = Multi – Race – Not Hispanic 33 = White – Hispanic 34 = Black or African American – Hispanic 35 = Asian – Hispanic 36 = American Indian or Alaska Native – Hispanic 37 = Native Hawaiian or Other Pacific Islander – Hispanic 73 = Multi – Race – Hispanic	Num
Race_Ethnicity_Description	Description: Description of Race/Ethnicity for population estimates	Char

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Variable Name	Variable Description	Format
	White – Not Hispanic Black or African American – Not Hispanic Asian – Not Hispanic American Indian or Alaska Native – Not Hispanic Native Hawaiian or Other Pacific Islander – Not Hispanic Multi – Race – Not Hispanic White – Hispanic Black or African American – Hispanic Asian – Hispanic American Indian or Alaska Native – Hispanic Native Hawaiian or Other Pacific Islander – Hispanic Multi – Race – Hispanic	
Population	Population Estimates	Num
res_code	PHD Community Code (1 – 351)	Num

Carceral Resource Index Analytic Data Dictionary (PHDCENS.CRI)

Carceral Resource Index (PHDCENS.CRI)

Variable Name	Variable Description	Meta Data	Format
Carc_PP_CRI	Carceral spending person		Num
Health_PP_CRI	Health spending per person		Num
HS_PP_CRI	Health + Support spending per person		Num
MA_city_CRI	Massachusetts city/town	1-59 for valid MA city See below table	Num
Pop_2020_CRI	2020 population count		Num
Score_CRI	CRI Score	Carceral Resource Index ranges from 1 to -1, which measures city government spending on carceral resources relative to spending on health and supportive services (i.e. positive CRI = greater spending on health/support services; negative CRI = greater spending on carceral resources)	Num
Support_PP_CRI	Support spending per person		Num
Tot_Carc_CRI	Total carceral spending	Total amount of budget spending on carceral resources	Num
Tot_Health_CRI	Total health spending	Total amount of budget spending on health resources	Num
Tot_Spprt_CRI	Total support spending	Total among of budget spending on health resources	Num

MA_City_CRI	
AGAWAM	5
AMESBURY	7
AMHERST	8
ATTLEBORO	16
BARNSTABLE	20
BEVERLY	30
BOSTON	35
BRAINTREE	40
BRIDGEWATER	42
BROCKTON	44
CAMBRIDGE	49
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**Carceral Resource Index
Analytic Data Dictionary
(PHDCENS.CRI)**

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

County Drug Seizure Data (PHDCENS.DRUG_SEIZURE)

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

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
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 2XX= months 1-11 (i.e. 201 = 1 month) 4XX=days 1-30 (i.e. 401 = 1 day) 5XX = hours (i.e. 501=1 hour) 6XX = minutes (i.e. 601=1 minute) 999=Unknown</p>	Num
AGE_DEATH_UNITS	Units for age variable	<p>1=Minutes 2=Hours 3=Days 4=Weeks 5=Months 6=Years 9=Unknown Age</p>	Num
AUTOPSY	Was an autopsy performed?	<p>0=No 1=Yes 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

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

<p>Pregnancy_Associated_death</p>	<p>Is this death pregnancy-associated? The death of a woman while pregnant or within one year of end of pregnancy (including spontaneous or medical abortion, miscarriage, live birth or fetal death/stillbirth) from any cause related to or aggravated by her pregnancy or its management, but not from accidental or incidental causes.</p> <p>From 2011-2015, this flag was created from Maternal Mortality and Morbidity Review Committee data system. Cases were identified through mandatory hospital report and linking birth and fetal death certificates to death certificates. Starting in 2016, this flag will come from Maternal Mortality and Morbidity Review Committee (MMRIA). In MMRIA data system, Pregnancy-associated deaths are identified by linking birth certificate/fetal death to death records and ICD codes/literal cause/pregnancy check box in death certificate. We also had hospital report before death certificate started including pregnancy check box. These records will be checked by MMRIA</p>	<p>1=Yes 0=No</p> <p>Blanks= Not in system yet</p>	<p>Num</p>
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Registry of Vital Records and Statistics Mortality File
Analytic Data Dictionary
(PHDDEATH.DEATH)

Variable Name	Variable Description	Meta Data	Format
	abstractors and confirmed by Vitals as needed.		
Pregnancy_Related_Death	Was death found to be pregnancy related after review by the Maternal Mortality and Morbidity Review Committee (MMRIA)	1=Yes 0=No 2=Possibly 3=Undetermined/injury 4=Unknown/Not yet determined Blanks= not in MMRIA yet	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
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

Registry of Vital Records and Statistics Mortality File

Analytic Data Dictionary

(PHDDEATH.DEATH)

* 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 ACTIQ
- o DOLOPHINE
- o MPHINE
- o DEMEROL
- o LEVPHANOL
- o LTAB
- o CODEINE
- o PENTAZOCINE
- o HEROIN
- o VICODIN
- o OXYCODONE
- o ENDOCET
- o DARVON
- o SUBLIMAZE
- o ULTRAM
- o PERCOCET
- o HYDROCODONE
- o OXYMPHONE
- o HYDROMPHONE
- o OPIUM
- o METHADONE
- o OPIATE
- o FENTANYL
- o PROPOXYPHENE
- o ANPP
- o 47700
- o PIPERIDINE
- o BUPRENPHINE
- o SUBOXONE
- o SUBUTEX
- o TRAMADOL
- o FENTANIL
- o DARVOCET
- o DEXTRPHAN
- o DILAUDID
- o EDDP
- o MEPERIDINE
- o OXYCONTIN
- o TAPENTADOL
- o HERION
- o OPIOD
- o OPOID
- o W-18
- o W18

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.	0=No 1=Yes 9=Unknown	Num
DESTINATION_DHCD	Identifies where a client will stay just after exiting a project	See code list below	Num
DEV_DISABILITY_DHCD	Developmental disability	0=No 1=Yes 9=Unknown	Num
DISABILITY_DHCD	Indicate whether or not clients have a disabling condition.	0=No 1=Yes 9=Unknown	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.	Count of days between project exit 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
EXIT_MONTH_DHCD	Month of exit from project	Months, 1-12 (blank) = information is missing	Num

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

Analytic Data Dictionary

PHDDHCD.DHCD

Variable Name	Variable Description	Meta Data	Format
EXIT_YEAR_DHCD	Year of exit from project	Years, YYYY format (blank) = information is missing	Num
HOH_RELATION_DHC D	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_L AST3YRS	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_DA TE	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_M ONTH	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. (blank) = information is missing	Num

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

Analytic Data Dictionary

PHDDHCD.DHCD

Variable Name	Variable Description	Meta Data	Format
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 999=missing	Num
ANSI_BODY2	ANSI Body part affected (2nd listed)	See code list 999=missing	Num
ANSI_BODY3	ANSI Body part affected (3rd listed)	See code list 999=missing	Num
ANSI_BODY4	ANSI Body part affected (4th listed)	See code list 999=missing	Num
ANSI_BODY5	ANSI Body part affected (5th listed)	See code list 999=missing	Num
ANSI_BODY6	ANSI Body part affected (6 th listed)	See code list 999=missing	Num
ANSI_BODY7	ANSI Body part affected (7th listed)	See code list 999=missing	Num
ANSI_BODY8	ANSI Body part affected (8th listed)	See code list 999=missing	Num
ANSI_NATURE1	1st nature of injury on the first report of injury	See code list 999=missing	Num

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

Variable Name	Variable Description	Meta Data	Format
ANSI_NATURE2	2nd nature of injury on the first report of injury	See code list 999=missing	Num
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
ANSI_NATURE7	7th nature of injury on the first report of injury	See code list 999=missing	Num
ANSI_NATURE8	8 th 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	Num

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

Variable Name	Variable Description	Meta Data	Format
		NOTE: The larger the date proxy, the more recently the event occurred	
DOI_MONTH_DIA	Month of injury	Months, 1-12 99=missing/unknown	Num
DOI_YEAR_DIA	Year of injury	YYYY 9999=missing/unknown	Num
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	Will employee return to regular occupation?	0=No 1=Yes 9=missing/unknown	Num
RETURN_TO_WORK	After 5 lost workdays, 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 BODY8	
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

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

<u>ANSI BODY1 - ANSI BODY8</u>	
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
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 NATURE8</u>	
100=Amputation or Eruclotion	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*

Department of Industrial Accidents – Worker’s Compensation

Analytic Data Dictionary

PHDDIA.DIA

<u>ANSI NATURE1- ANSI NATURE8</u>	
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
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

NAICS Sector Codes
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

NAICS Subsector Codes
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
525 Funds, Trusts, and Other Financial Vehicles

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

NAICS Subsector Codes
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	<p>Date proxy: Count of days between most recent 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
ADMIT_INITIAL_DATE_DOC	Initial admission date for commitment	<p>Date proxy: Count of days between initial 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
ADMIT_INITIAL_MONTH_DOC	Admission month for initial admission for commitment	Months, 1-12	Num

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

Variable Name	Variable Description	Meta Data	Format
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
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

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

Variable Name	Variable Description	Meta Data	Format
RELEASE_DATE_DOC	Release date	Proxy date: Count of days between release date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred	Num
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

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

Code Lists

<u>Institution DOC</u>	
1	Baystate Correctional Center
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

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

<u>RELEASE_CO DE_DOC</u>	<u>RELEASE_DESCRIPTION</u>	<u>RELEASE_TO_C COMMUNITY</u>
151	*Court Release - Sent VACATED	
152	*Court Release - Await Trial	
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	*Experation 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	

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

<u>RELEASE_CODE_DOC</u>	RELEASE_DESCRIPTION	RELEASE_TO_COMMUNITY
193	GCD/EXP/REL to Immigration	
196	Crime Lab Court Release/Hampden	YES
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

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

Release Code	Release Description	Notes
		know where they went after court appearance
144	Escape	Only applies to inmate_type_doc = 2
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 release_to_community. 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 past 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 past 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 past 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_DMH	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) 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</p>	Num
EMPLOY_START_DMH	Date employment started	<p>Date Proxy – Count of days between employment start date and a random date in the past</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 past</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	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)
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
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

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

Variable Name	Variable Description	Meta Data	Format
Rate_DMH	Hourly Rate clubhouse member receives	Integer 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=CYP Case Management 5=CYP Community 6=CYP Day Service 7=CYP Flex 8=CYP Residential 9=CYP Residential School 10=CYP Respite 11=CYP 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
9	ANCHORAGE HOUSE/RIVERSIDE SC

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

	Admit Source DMH
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
61	Chicopee District Court

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

	Admit Source DMH
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 Court
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
109	FALMOUTH HOSPITAL

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

	Admit Source DMH
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
157	LARK HALFWAY HOUSE

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

	Admit Source DMH
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
205	NOBLE

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

	Admit Source DMH
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
253	SALVATION ARMY

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

	Admit Source DMH
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=SOUTHCOAST 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
301	UMASS MEDICAL CENTER

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

	Admit Source DMH
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
6	AGAINST MEDICAL ADVICE

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

Discharge Disp DMH	DispositionName
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
52	PRIV. PSYCHIATRIC FAC-INPAT

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

Discharge Disp DMH	DispositionName
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 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
Ethnicity_RAP_DMH	Ethnicity	1=ALBANIAN	Num

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

Variable Name	Variable Description	Meta Data	Format
		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 45=PAKISTANI 46=PANAMANIAN	

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

Variable Name	Variable Description	Meta Data	Format
		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 44=Mandarin 45=Mandingo\Mandinka	Num

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

Variable Name	Variable Description	Meta Data	Format
		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 4 = Legally separated 9 = Missing/Unknown	Num

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

Variable Name	Variable Description	Meta Data	Format
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	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 little as SSN or date of birth and first and last name. These candidates are included for completeness	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_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

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

Variable Name	Variable Description	Meta Data	Format
CASE_STATUS_DTA	Status of the case at the monthly snapshot	1=Active 2=Closed 3=Denied 4=Pending 9=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 = MCB (Mass Comm for the Blind) 99= 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)
3029	Ineligible for SNAP beyond initial expedited issuance

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

<u>Ineligibility Reason</u>	
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
6	Father-in-Law	25	Niece

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

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
20	Burials	36	Ch115_'Fuel'_Retro

Executive Office of Veterans Services Benefit Program

Analytic Data Dictionary

PHDDVS.DVS_CH115

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	<p>New variable starting 2017</p>	<p>1=Mother</p> <p>2=Father</p> <p>3=DCF</p> <p>4=Other legal guardian</p> <p>9=Unknown</p>	Num
MOTHER_EMP_EI	<p>Mother's employment status (primary family)</p> <p>No longer collected starting 2017</p>	<p>See code list</p>	Num

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

Variable Name	Variable Description	Meta Data	Format
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
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

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

Variable Name	Variable Description	Meta Data	Format
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
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

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

Variable Name	Variable Description	Meta Data	Format
HOMELESS_Recently_EI	Have family been homeless in last 12 months	0=No 1=Yes 9=Unknown	Num

REF SUGESTOR EI	
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 Svcs/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 involvmt
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
36	Self-referred/Prev or current EI involvmt
88	Other
99	Unknown

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

<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/Cancel/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 svcs 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
BATTELLE_PM_EVAL	Battelle: MOTOR (MOT) - Perceptual motor (PM) 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_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

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?	0=No 1=Yes 9=Unknown	Num
ALC_NUM_FD_TRI1	# of drinks first 3 mos of pregnancy	# of drinks 99=Unknown Blank=N/A (MF Record)	Num
ALC_NUM_FD_TRI2	# of drinks second 3 mos of pregnancy	# of drinks 99=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
ALC_NUM_FD_TR13	# 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	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 zip code. These candidates are included for completeness	Num
AGE_HOC	Age in years at time of release	Age in years Note: if missing, calculated age was not possible or birthdate was missing	Num
SEX_HOC	Sex	1=Male 2=Female 9=Other or unknown	Num
RES_ZIP_HOC	Zip code of most recent residence	5 digit zip code 99999=Unknown	Char
ADMIT_DATE_HOC	Admission date for this incarceration	Date Proxy: Count of days between admission date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred	Num
RELEASE_DATE_HOC	Release date	Date Proxy: Count of days between release date and a random date in the past NOTE: The larger the date proxy, the more recently the event occurred	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 File
Analytic Data Dictionary
(PHDZIP.OEND)

OEND File (PHDZIP.OEND)

Variable Name	Variable Description	Meta Data	Format
Age_enrollment_OEND	<p>Age at enrollment.</p> <p>Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.</p> <p>NOTE: There have been multiple changes to OEND data collection (systems, collection forms, and individual questions) since the pilot started in 2007. The largest change to collection occurred in 2018 with the transition from paper teleforms to REDCap, which created a multitude of additional steps for volunteers to enter data as well as enabling 'required' survey questions that were previously not required to complete a form. Since the implementation to electronic capture, we have seen an overall increase in missing data and implausible values to a degree that is not present in prior years. For this reason, the data has been harmonized to pre-2018 distributions for age to ensure consistency and accuracy.</p>	In years, max age is 95 999=missing/unknown	Num
City_Rescue_OEND	<p>If zip-code of rescue location is unknown: city of rescue</p> <p>Information about rescues are only filled in for rescue reports</p>	1-351 999= missing/unknown/invalid/ Not applicable	Num

OEND File
Analytic Data Dictionary
(PHDZIP.OEND)

Variable Name	Variable Description	Meta Data	Format
Doses_Distributed_OEND	# of doses distributed If doses distributed is greater than 10, this is considered secondary distribution, and the variables Races_all_OEND Hispanic_OEND, and Sex_OEND are all set to missing. (It is assumed they will not use the narcan themselves, but will pass it along to others). Extreme outliers were set to missing for doses distributed.	999= missing/unknown/invalid/ Not applicable	Num
Encounter_Type_OEND	Encounter Type	1=Enrollment 2=Non-rescue refill 3=Rescue Report	Num
Help_OEND	Was help called and/or present?	1=Yes 0=No 9=Unknown	Num
Location_Zip_OEND	Zip-code of distribution location (only available 2018 and later)	5 digit zip 99999=Unknown	Char
Month_Encounter_OEND	Month of encounter	1-12	Num
Month_Enrollment_OEND	Month of enrollment	1-12	Num
Month_Overdose_OEND	Month of overdose	1-12	Num

OEND File
Analytic Data Dictionary
(PHDZIP.OEND)

Variable Name	Variable Description	Meta Data	Format
ID_OEND	<p>Randomly generated individual ID (if a person has more than one encounter in the dataset, this ID will be the same for all encounters)</p> <p>Note: As of March 21, 2023, OEND removed the unique identifier that allowed for linkage across forms, this no longer allows us to follow visits per individual.</p> <p>a. For all encounters before 3/21/23 (if a person has more than one encounter in the dataset, this ID will be the same for all encounters).</p> <p>b. After 3/21/23, this is unique to each form, but we are unable to tell if a person has visited before, meaning records after this date will not have the same ID if a person had more than one encounter.</p>		Char
Race_OEND	<p>Mutually exclusive combined race/ethnicity</p> <p>Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.</p>	<p>1 = White non-Hispanic 2 = Black non-Hispanic 3 = Asian/PI non-Hispanic 4 = Hispanic 5 = American Indian/Other 9 = Unknown</p>	Num
Races_all_OEND	<p>Individual race groups</p> <p>Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.</p>	<p>1=American Indian 2=Asian 3=Black/African American 4=Hawaiian/Pacific Islander 5=White 6=Other Race 7=Multi-Racial 98=Refused 99=Unknown</p>	Num

OEND File
Analytic Data Dictionary
(PHDZIP.OEND)

Variable Name	Variable Description	Meta Data	Format
Hispanic_OEND	Hispanic ethnicity Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.	1=Yes 0=No 9=Unknown	Num
RES_CODE_OEND	Residence city/town Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.	1-351 999= missing/unknown/invalid	Num
RES_ZIP_OEND	Residence zip-code Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.	5 digit zip 99999=Unknown	Char
Rescue_ZIP_OEND	Zip-code where the rescue occurred. Information about rescues are only filled in for rescue reports	5 digit zip 99999=Unknown/ Not applicable	Char
Sex_OEND	Sex Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.	1=Female 2=Male 3=Other 9=Unknown/refused	Num

OEND File
Analytic Data Dictionary
(PHDZIP.OEND)

Variable Name	Variable Description	Meta Data	Format
Successful_Rescue_OEND	Successful rescue? (Did the person live?) Information about rescues are only filled in for rescue reports	1=Yes 0=No 9=Unknown/Not applicable	Num
User_Status_OEND	User Status Demographic information (including user status and residence zip-code) will be missing for refill forms or rescue forms where a corresponding enrollment form for the same person could not be found.	1=User 2=Non-User 3=No Enrollment information	Num
Year_Encounter_OEND	Year of encounter	YYYY	Num
Year_Enrollment_OEND	Year of enrollment	YYYY	Num
Year_Overdose_OEND	Year of overdose	YYYY	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	The patient's age (either calculated from date of birth or best approximation) ***CHECK AGE_UNITS_MATRIS NOT ALWAYS IN YEARS***	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 that these are a subset of all opioid-related EMS events, i.e. where OPIOID_ORI_MATRIS = 1)	***PLEASE NOTE THESE ARE NOT NECESSARILY OVERDOSES – this just means heroin was involved and EMS responded***	Num

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

Variable Name	Variable Description	Meta Data	Format
		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
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	Num

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

Variable Name	Variable Description	Meta Data	Format
		2=Incarcerated based on narrative only 3=Incarcerated based on both address and narrative	
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 THEN OPIOID_ORISUBCAT_MATRIS WILL BE BETWEEN 1-5	0=(variable opioid_ori_matis=0) 1=DOA of opioid 2=acute overdose 3=opioid intoxicated 4=opioid withdrawal 5=opioid implicated	Num
OTC_PAIN_EMS	Was acetaminophen or ibuprofen (advil, motrin) given by EMS?	0=No 1=Yes	Num

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

Variable Name	Variable Description	Meta Data	Format
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
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_COMPLAINT12	Additional statement(s) of the problem by the patient or the history provider in one or two words	Free text	char
SECOND_IMPRESSION1-	The EMS personnel's impression of the patient's	Text field. See appendix for list of text values. Also can contain ICD 10 codes,	char

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

Variable Name	Variable Description	Meta Data	Format
SECOND_IMPRESSIO N41	secondary problem or which led to the management given to patient (treatments, medications, or procedures).	which are not included in the appendix list. The ICD 10 codes do not contain decimals.	
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
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

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

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
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

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

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
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)

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

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

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
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)

Case Definition for Massachusetts EMS analysis (MATRIS)

Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
(PHDEMS.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> <ul style="list-style-type: none"> • List1: known ivda, known ivdu • List2: needle, syringe, hypodermic, paraphernalia

**Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
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	<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 [E18.03, E13.01, E09.01] + [E13.01]</p>	<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
<p>NR + CC [E13.01] + [E09.05]</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>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 [E18.03 E18.07]</p>	<p>Criteria 6 Two conditions must be met:</p>

**Massachusetts Ambulance Trip Record Information System (MATRIS)
Analytic Data Dictionary
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<p>+ [E09.05]</p>	<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
<p>NR+ Primary Impression (PI) [E13.01] + [E09.15]</p>	<p>Criteria 13 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 and • PI = “poisoning/drug ingestion”
<p>NR + PI + CC [E13.01] + [E09.15] + [E09.05]</p>	<p>Criteria 7 Two conditions must be met:</p> <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 <p>Criteria 18 Two conditions must be met:</p> <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

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:

Massachusetts Ambulance Trip Record Information System (MATRIS)

Analytic Data Dictionary

(PHDEMS.MATRIS)

- 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) [eNarrative.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 intox, 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

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

	<ul style="list-style-type: none"> • 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>[eMedications.03, eNarrative.01, eMedications.02] + [eNarrative.01]</p>	<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, opioid, subox, sabox, fentanyl, phentanyl, fentynal, vicod, oxycod, oxycont, oxys, ms04, Percocet, percocet, hydromorph, pain meds, tramadol, codeine, dialaudid, dilaudid, morphine, speedball, speed ball

Massachusetts Ambulance Trip Record Information System (MATRIS)
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	<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
<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>[eMedications.03, +eMedications.07] + [eSituation.03, eSituation.04]</p>	<p>Criteria 6 Two conditions must be met:</p> <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
<p>NR+ Primary Impression/ Secondary Impression (PI/SI)</p> <p>[eNarrative.01] + [eSituation.11, eSituation.12]</p>	<p>Criteria 13 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 and

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

	<ul style="list-style-type: none"> 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]	<p>Criteria 7 Two conditions must be met:</p> <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>) <p>Criteria 18 Two conditions must be met:</p> <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

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:

PT_DISPOSITION=2 (this means the patient is DOA)

OR

Narrative report contains one of the following

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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)

OR

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

OR

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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

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

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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	
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

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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

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)

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- “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[aiou], amethia, methotr, methanol, indometh, betameth, dexameth, methocarb, prometh, not meth, no meth, Dextromethorphan, sulfameth, simethic, methado, methodo, something, something, Methuen, methleun, 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, ecstasy, 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>
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>

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<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[aiou], 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: 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, zenedi, 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) • 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, zenedi, evekeo, metadate, adzenys, aptensio, cotempla, daytrana, dyanavel, mydayis, quillichew, quillivant, lisdex</p>
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	AND ONE OF THE FOLLOWING TERMS from list b: overdose, od, o.d AND NONE OF THE FOLLOWING TERMS from list c: unrespons, uncons
Any Impression [E09.15, E09.16, eSituation.11, eSituation.12]	Criteria 7: Inclusion terms: cocaine related, F14.10, F14.11, F14.20, F14.21, F15.10, F15.11, F15.20, F15.21, F16

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[aiou], amethia, methotr, methanol, indometh, betameth, dexameth, methocarb, prometh, not meth, no meth, Dextromethorphan, sulfameth, simethic, methado, methodo, something, something, Methuen, methleun, 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 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):</p>

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	<p>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>
<p>Any Impression [E09.15, E09.16, eSituation.11, eSituation.12] & Patient Age [E06.14, E06.15, ePatient.15, ePatient.16]</p>	<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> <p>Criteria 13: Inclusion terms: L02, R56, R50.9, R44.3, hallucinogen related disorders, hyperthermia, seizure, seizures with status epilepticus, seizures without status epilepticus</p>

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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 past. 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

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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_CMIIS	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

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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	Assisted Living/Adult Day Care
2	Board of Health/Health Department
3	College (Private)
4	College (Public)
5	Community Health Center
6	Commercial Vaccinator
7	Community Health Center
8	Correctional Facility
9	Council on Aging
10	Department of Mental Health
11	Employee Health
12	Family Planning
13	Family Practice
14	Free Clinic
15	Home Health Agency
16	Homeless Shelter
17	Hospital (Private)
18	Hospital (Public)
19	Indian Health Services

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20	Internal Medicine
21	Long Term Care (Public)
22	Long-term care facility/Nursing Home/Rest Home
23	Military Base
24	Multi - Specialty Center
25	OB/GYN
26	Other (Private)
27	Other (Public)
28	Out of State (from immunization surveillance in Rhode Island)
29	Pediatric Practice
30	Rehabilitation Center
31	STD walk in clinic
32	School (Collaborative)
33	School (Private)
34	School (Public)
35	School (Special Education)
36	School Based Health Center
37	Specialty Practice
38	State Agency
39	Urgent Care Centers
40	Visiting Nurse Agency

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

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

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 pike 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)
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	Age in years Blank = missing (question not asked)	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 2=Probable</p>	Num

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

Variable Name	Variable Description	Meta Data	Format
DISEASE_TYPE_HCV	Acute or chronic disease type *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.	1=Acute 2=Chronic 9=Missing or Perinatal	Num
EVENT_DATE_HCV	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.	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
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.	0=Unknown 1=Yes Note, 92% of records had none of the potential unique address conditions checked	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?	0=No 1=Yes 9=Unknown	Num
EXPOSURE_HIV	HIV exposure mode category	1=MSM 2=IDU 3=MSM/IDU 4=Het Sex 5=Presumed Het	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	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. 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	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 Missing = 9999	Num
DIAGNOSIS_MONTH_AIDS	Month of AIDS diagnosis	Months 1-12 Missing=99	Num

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

Variable Name	Variable Description	Meta Data	Format
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
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
VIRAL_SUPPRESSED2021	Viral suppression at time of contact, includes individuals diagnosed through 12/31 the year prior to the prevalence year, alive through 12/31/2021 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)

MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)

MAVEN- COVID (PHDCOVID.COVID_MAVEN)

Variable Name	Variable Description	Meta Data	Format
ADMITTED_ICU_CMAV	Admitted to the ICU:	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
AGE_DIAGNOSIS_CMAV	Age at diagnosis – as young as 0 years old to 120 years old		NUM
CASE_HEALTHCARE_WORKER_CMAV	Is case a healthcare worker?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
CASE_HOSP_CMAV	Was case hospitalized?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
CENSUS_IND_CODE_CMAV	Census Industry Code	Census Industry Code	NUM
CENSUS_OCC_CODE_CMAV	Census Occupation Code	Census Occupation Code	NUM
CLIN_COMP_ARDS_CMAV	If patient reported having Acute respiratory distress syndrome (ARDS)	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	
CLIN_COMP_CMAV	if yes, describe	Codes in MAVEN Codes	CHAR
CLIN_COMP_OTHER_CMAV	If patient reported having Pneumonia	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
CLIN_COMP_PNEUMONIA_CMAV	If patient reported having Other Clinical Complication	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
CLINICAL_DOD_CMAV	> Date of death:	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 This variable will be blank if an individual is not deceased	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):	Codes in MAVEN Codes	CHAR
COUNTRY_CMAV	US BORN OR BORN SOMEWHERE ELSE	UNITED STATES OTHER UNKNOWN	CHAR
COV_EXP_WHERE_CMAV	>> Where was case exposed to confirmed case?	Codes in MAVEN Codes	NUM

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
CUR_GENDER_CMAV	What is your current gender identity? Check all that apply regardless of sex assigned at birth.	1 - Male [MALE] 2 - Female [FEM] 3 - Nonbinary or Genderqueer or not exclusively male or female [NB] 4 - I am questioning/not sure of my gender identity [QUEST] 5 - I dont understand what this question is asking [DONT]I prefer not to answer [PREFER] 9 - Missing	NUM
DIS_STATUS_CMAV	Disease classification status	1 - Probable [PROBABLE] 2 - Confirmed [CONFIRMED]	NUM
DISABILITY_CMAV	Has the individual disclosed living with a disability?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
DISABILITY_DETAIL_CMAV	> If yes, describe:	1 - Deaf or having serious difficult hearing [HEARING] 2 - Blind or having serious difficulty seeing, even when wearing glasses [VISION] 3 - Because of a physical, mental, or emotional problem, having difficulty remembering, concentrating, or making decisions [COGNITIVE] 4 - Having serious difficulty walking or climbing stairs [AMBULATORY] 5 - Having difficulty bathing or dressing [CARE] 6 - Because of a physical, mental, or emotional problem, having difficulty doing errands alone such as shopping [INDEPENDENT] 99 - Other not listed above [OTHER]	NUM
EMP_ADM_DAYCARE_K12_CMAV	Employed at or enrolled in a child care program or K-12 school (includes daycare, preschool, before/after school care, and K-12 school)?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
EMP_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
EMP_DATE_LAST_WORKED_CMAV	Date last worked:	The patient's last work day	NUM

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
EMP_DATE_LAST_WORKED_MONTH_CMAV	>> Month last worked:	1-12	NUM
EMP_DATE_LAST_WORKED_YEAR_CMAV	>> Year last worked:	YYYY	NUM
EMP_DATE_LAST_WORKED_SECONDARY_CMAV	>> Date last worked:	The patients last work day secondary Date	NUM
EMP_LOC_PRI_CMAV	>> Does case physically work in Massachusetts? - PRIMARY	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
EMP_LOC_SEC_CMAV	>> Does case physically work in Massachusetts? - SECONDARY	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
EMP_MONTH_LAST_WORKED_SECONDARY_CMAV	>> Month last worked:	1-12	NUM
EMP_MULTI_CMAV	Does case have multiple employers?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
EMP_NAME_CMAV	NAME OF EMPLOYER		CHAR
EMP_NAME_SEC_CMAV	NAME OF EMPLOYER		CHAR
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
EMP_OR_ADM_HEALTHCARE_TYPE_CMAV	1 - Assisted Living Facility [ASSISTED_LIVING] 2 - Blood Bank [BLOOD_BANK] 3 - Community Health Center [COMMUNITY_HEALTH] 4 - Correctional Institution [CORRECTIONAL] 5 - Daycare (Adult) [DAYCARE_ADULT] 6 - Daycare (Child) [DAYCARE_CHILD] 7 - Dialysis Facility [DIALYSIS] 8 - Drug Treatment Facility [DRUG_TREATMENT] 9 - Emergency Department or Urgent Care [ER_URGENT] 10 - Family Planning Clinic [FAMILY_PLANNING_CLINIC]		NUM

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
	11 - Group Home [GROUP_HOME] 12 - HIV Counseling, Testing, and Referral Site [HIV_TESTING] 13 -Hospital [HOSPITAL] 14 -Hospital-based Clinic [HOSPITAL_BASED] 15 -Indian Health Services [INDIAN] 16-Inpatient Psychiatric [INPATIENT_PSYCHIATRIC] 17 -Labor and Delivery [LABOR_DELIVERY] 18 -Laboratory [LABORATORY] 19 -Long-Term Acute Care [LTAC] 20 -Long-Term Care Facility (includes nursing homes, skilled nursing, rest homes and rehab facilities) [LTCF] 21 -Mental Health Services Site [MENTAL_HEALTH] 22-Military/VA/Job Corps Clinic [MILITARY_VA] 23 -Other [OTHER_FACILITY] 24 -Other Health Department Clinic [OTHER_HD] 25 -Prenatal [PRENATAL] 26 -Private Practice or HMO [PRIVATE_PRACTICE] 27 -STD Clinic [STD_CLINIC] 28 -School (Boarding) [BOARDING_SCHOOL] 29 -School (College/University) [COLLEGE_UNI] 30 -School (Elementary/Middle) [ELEMENTARY_MIDDLE] 31 -School (Secondary/Vocational) [SECONDARY_SCHOOL]		

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
	32- School-based Clinic including College/University [SCHOOL_BASED] 33-TB Clinic [TB_CLINIC] 34-Unknown [UNKNOWN]		
EMP_ST_CMAV	Employer state:		CHAR
EMP_ST_SEC_CMAV	>> Employer State:		CHAR
EMP_YEAR_LAST_WORKED_SEC_CMAV	>> Year last worked:	YYYY	NUM
EMP_ZIP_SEC_CMAV	>> Employer zip code:	5 digit zip 99999=Unknown	NUM
EMPLOYER_CITY_CMAV	CITY OF PATIENT'S EMPLOYER CITY NAME:	1-351 for valid MA city/town 999=Unknown	NUM
EMPLOYER_CITY_SEC_CMAV	CITY OF PATIENT'S EMPLOYER SECONDARY CITY NAME:	1-351 for valid MA city/town 999=Unknown	NUM
FIRST_POS_TEST_DATE_CMAV	Date of First pos test from dashboard	Date of first positive test from the dashboard	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
FOREIGN_BORN_CMAV	Foreign born	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
GENDER_CMAV	Gender Identity of patient	1 - Male [Male] 2 - Female [Female] 3 - Transgender [Transgender] 9 - Unknown [4]	NUM
GESTATIONAL_AGE_CMAV	>> Gestational age (in weeks):		NUM
HISPANIC_CMAV	Is case Hispanic, Latinx or Spanish origin?	0 = no 1 = yes 2= Refused 9 = 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
ID	N/A	9 character alphanumeric ID	Char

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
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
ISHAWAIIAN_OTHERPACISL_CMAV	Binary Patient identifies as Native Hawaiian or Other Pacific Islander	0 = no 1 = yes	NUM
ISOTHER_CMAV	Binary Patient identifies as Other	0 = no 1 = yes	NUM
ISUNKNOWN_CMAV	Binary	2 = no 1 = yes	NUM
ISWHITE_CMAV	Binary Patient identifies as White	0 = no 1 = yes	NUM
MAINTAIN_SOCL_DIS_CMAV	During the 14 days prior to infection, how often was case able to maintain social distance? (At least 6 feet apart when near someone for 15 minutes or more.)	1 - All of the time [ALL] 2 - Most of the time [MOST] 3 - Some of the time [SOME] 4 - None of the time [NONE] 9 - Unknown [UNKNOWN]	NUM
MATCH_LEVEL_CMAV	CHIA Match level	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. 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.	Num
MEC_VENT_CMAV	Was case placed on mechanical ventilation?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
NAICS_CODE_CMAV	NAICS Code	NAICS Code	NUM
OUTCOME_CMAV	Outcome:	1 - Recovered (no) 0 - Died [DIED] (yes) 9 - Unknown	NUM
PRIMARY_LANGUAGE_CMAV	Primary language		CHAR
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 = Unknown	NUM
RES_CODE_CMAV	City of patient Official City:	1-351 for valid MA city/town 999=Unknown	NUM
SEX_AT_BIRTH_CMAV	Assigned Sex at Birth	1 - Male [MALE] 2 - Female [FEMALE] 3 - Intersex [INTERSEX] 4 - Refused [REFUSED] 5 - Did not ask [DID_NOT_ASK]	NUM
SEX_ORIENT_CMAV	Sexual orientation	1 - Bisexual and/or Pansexual [Bisexual and/or Pansexual] 2 - Lesbian, gay, or homosexual [Lesbian, gay, or homosexual] 3 - Straight or heterosexual [Straight or heterosexual] 4 - Something else/Other not listed above (e.g. queer, asexual) [Something else/Other not listed above (e.g. queer, asexual)] 5 - Don't know [Don't know]	NUM
SOC_CODE_CMAV	SOC_Code	SOC_Code	CHAR
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
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

MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)

Variable Name	Variable Description	Meta Data	Format
SS_DIARRHEA_CMAV	> Diarrhea:	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
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
SYMPTOM_ONSET_DATE_CMAV	> Symptom onset date:	The start date of symptoms a patient experienced	DATE
SYMPTOM_ONSET_MONTH_CMAV	Year of symptom onset date:		DATE
SYMPTOM_ONSET_YEAR_CMAV	Month of symptom onset date:		DATE
SYMPTOMS_CMAV	Did case have symptoms?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
TRANSGENDER_EXP_CMAV	Transgender Experience	1 - Yes [Yes] 2 - No [No] 3 - I am not sure [I am not sure] 4 - I don't understand what this question is asking [I don't understand what this question is asking] 5 - Prefer not to answer [Prefer not to answer]	NUM
UNDER_ILL_CMAV	Does patient have underlying illness?	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
UNDER_ILL_SPEC_CD_CMAV	If underlying illness - Cardiac Disease was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_CLD_CMAV	If underlying illness -Chronic Lung Disease was reported	1 - Yes [YES] 0 - No [NO]	NUM

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

Variable Name	Variable Description	Meta Data	Format
UNDER_ILL_SPEC_CMAV	if yes, describe	Codes in MAVEN Codes	CHAR
UNDER_ILL_SPEC_CPD_CMAV	If underlying illness - Chronic pulmonary disease was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_CRDH_CMAV	If underlying illness - Chronic/Renal Disease/Hemodialysis was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_DIAB_CMAV	If underlying illness - Diabetes was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_HYPE_CMAV	If underlying illness - Hypertension was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_IMM_CMAV	If underlying illness - Immunocompromised was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_LD_CMAV	If underlying illness - Liver disease was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_NONE_CMAV	If underlying illness - None was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_OTHER_CMAV	If underlying illness - Other was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_PREG_CMAV	If underlying illness - Pregnant was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_RD_CMAV	If underlying illness - Renal Disease was reported	1 - Yes [YES] 0 - No [NO]	NUM
UNDER_ILL_SPEC_UKN_CMAV	If underlying illness - Unknown was reported	1 - Yes [YES] 0 - No [NO]	NUM
VITALS_RECORD_ID	VITALS RECORD ID		CHAR
WEAR_FACE_COVER_INCU_CMAV	During the 14 days prior to infection, how often did case wear a face covering when interacting with people outside of their household?	1 - All of the time [ALL] 2 - Most of the time [MOST] 3 - Some of the time [SOME] 4 - None of the time [NONE] 9 - Unknown [UNKNOWN]	NUM
WORK_OUT_INCU_CMAV	Work outside the home (not telework):	1 - Yes [YES] 0 - No [NO] 9 - Unknown [UNKNOWN]	NUM
WORK_OUT_INCU_WHERE_CMAV	> Where did the case work?	1 - Indoors [INDOORS] 2 - Outdoors [OUTDOORS] 3 - Both [BOTH] 9 - Unknown [UNKNOWN]	NUM
ZIP_CMAV	Abbreviated Zipcode of patient Zip code	5 digit zip 99999=Unknown	CHAR

MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)

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

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

46.	Czech Republic = 46
47.	Democratic Peoples Republic of Korea = 47
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

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

95.	Libya = 95
96.	Lithuania = 96
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

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

144.	Suriname = 144
145.	Sweden = 145
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

**MAVEN COVID-19
Analytic Data Dictionary
(PHDCOVID.COVID_MAVEN)**

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

**Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)**

Variable Name	Variable Description	Meta Data	Format
AGE_MCR	Age at diagnosis	0= Less than 1 year old; diagnosed in utero 1=1 year old, but less than 2 years 2=120-age in years 999=Unknown	Num
BEHAVIOR_CODE	Code for the behavior of the tumor being reported using ICD-O-3	0=Benign 1=Uncertain whether benign or malignant; borderline malignancy; low malignant potential 2=Carcinoma in situ; intraepithelial; noninfiltrating; noninvasive 3=Malignant	Num
BIRTH_MONTH_MCR	Month of birth	1-12 99=missing/unknown	Num
BIRTH_YEAR_MCR	Year of birth	YYYY	Num
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

Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)

Variable Name	Variable Description	Meta Data	Format
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
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

**Massachusetts Cancer Registry
Analytic Data Dictionary
(PHDMCR.MCR)**

Variable Name	Variable Description	Meta Data	Format
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
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)**

<u>Cancer Type</u>	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

<u>Cancer Type</u>	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

Liver and Intrahepatic Bile Duct	
21071	Liver

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	Age in years. If less than 1 age = 0 (120 is the max age, anything older was set to missing) 999=missing	Num
BENZO_PMP	Is prescription a benzodiazepine? Inclusion criteria below	0=no 1= yes	Num
BUP_WAIVER	Is prescriber buprenorphine waived? (in data 2011-2019 only)	<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 1=Waivered (blank) = data not available, starts in 2020</p>	Num
BUPRENORPHINE_PMP	Is prescription a buprenorphine product? Inclusion criteria below	0=no 1= yes	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

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Spine Demographic Variables (PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	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	05/09/2024
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	05/09/2024
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	10/02/2024
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	10/02/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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Dataset and years	Anticipated Ready Date
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	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	05/09/2024
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	10/02/2024
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	10/02/2024
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	10/02/2024
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	10/02/2024
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	05/09/2024
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	05/09/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

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Dataset and years	Anticipated Ready Date
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	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	10/02/2024
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	05/26/2024
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	10/02/2024

Master Demographic Variables Analytic Data Dictionary (PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	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	10/02/2024
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	10/02/2024
FOREIGN_BORN	Born outside the US?	0=No 1=Yes 8= Missing in dataset 9= Not collected	Num	05/26/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS_EVER	Has the person been identified as homeless at least once at the time of contact ?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2011	Was the person identified as homeless during the year 2011?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown/missing	Num	10/02/2024
HOMELESS2012	Was the person identified as homeless during the year 2012?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown		10/02/2024

Master Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2013	Was the person identified as homeless during the year 2013?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2014	Was the person identified as homeless during the year 2014?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2015	Was the person identified as homeless during the year 2015?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2016	Was the person identified as homeless during the year 2016?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2017	Was the person identified as homeless during the year 2017?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2018	Was the person identified as homeless during the year 2018?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024

Master Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2019	Was the person identified as homeless during the year 2019?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2020	Was the person identified as homeless during the year 2020?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024

Master Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2021	Was the person identified as homeless during the year 2021?	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
HOMELESS2022	Was the person identified as homeless during the year 2022? This flag is incomplete, missing DHCD, EI, BIRTH, DEATH, HAV, HCV, MOUD, 6 months APCD and 3 months Case Mix.	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024

Master Demographic Variables

Analytic Data Dictionary

(PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
HOMELESS2023	Was the person identified as homeless during the year 2022? This flag is incomplete, based on data from DTA, BSAS, COVID MIIS, MATRIS, WIC_KID, WIC_MOM PMP And partial Case Mix	0=No 1=Yes 2=Yes, living in emergency shelter 3=suspected based on address or ICD diagnostic code. 4= Reported unstable housing or ICD code for housing instability 5 = not homeless but had been in the past 9=unknown	Num	10/02/2024
INDUSTRY_CODE	IS there an industry code for this individual in the PHD	0=No 1=Yes 9=missing/unknown	Num	10/02/2024
OCCUPATION_CODE	Do we have an industry or occupation code?	0=No 1=Yes 9=missing/unknown	Num	10/02/2024
INDUSTRY_MANY	Do we have more than one industry code?	0=No 1=Yes 9=missing/unknown	Num	10/02/2024
OCCUPATION_MANY	Do we have more than one occupation code?	0=No 1=Yes 9=missing/unknown	Num	10/02/2024
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	10/02/2024
OTHER_LANG1-OTHER_LANG3	non-English language spoken	See OTHER_LANG	Num	10/02/2024

Master Demographic Variables Analytic Data Dictionary (PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV &HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
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	10/02/2024
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	10/02/2024
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	10/02/2024
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	10/02/2024

Master Demographic Variables Analytic Data Dictionary (PHDSPINE.DEMO)

Update V13 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
MCR (2021-2022)	TBD
EI (2019-2022)	TBD
Barnstable HOC, Bristol HOC, Dukes HOC, Nantucket HOC	TBD
HAV & HCV (2022)	TBD

Variable Name	Variable Description	Meta Data	Format	Last Updated
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	10/02/2024
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	10/02/2024
VETERAN	Is the individual a US Veteran?	0 = No or missing information 1= Yes	Num	10/02/2024
WRITTEN_LANG1	Primary written language	See OTHER_LANG	Num	02/23/2024
WRITTEN_LANG2	Second written language	See OTHER_LANG	Num	02/23/2024
YOB	Estimated Year of Birth for each ID based on listed age.	YYYY .= Missing Years of birth earlier than 1900 have been set to missing.	Num	10/02/2024

*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

**Master Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)**

<u>OTHER LANG</u>
9= Arabic
10= Greek
11= Albanian
American Sign 12= Language
13= Amharic
14= Armenian
15= Bengali
16= Bosnian
17= Bulgarian
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

Master Demographic Variables
Analytic Data Dictionary
(PHDSPINE.DEMO)

<u>OTHER LANG</u>
50= Marathi
51= Nepali
52= Norwegian
53= Other
54= Phillipine
55= Polish
56= Punjabi\Panjabi
57= Romanian
58= Serbian-Croatian
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 2022).

Important Considerations:

- 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

Medications for Opioid Use Disorder

Analytic Data Dictionary

(PHDSPINE.MOUD)

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, J0592, 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.
 - 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

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

- 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
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	J0592	1	Injection, buprenorphine hydrochloride, 0.1 mg
Buprenorphine	Q9991	28	Injection, buprenorphine extended-release (sublocade), less than or equal to 100 mg

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

MOUD Type	Procedure Code	Days covered	Procedure Code Description
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

Datasets used:

- PHDAPCD.MEDICAL
- PHDAPCD.PHARMACY
- PHDBSAS.BSAS
- PHDBSAS.HOCMOUD
- PHDBSAS.HOCMOUD_DIS
- PHDBSAS.HOCMOUD_PERIOD
- PHDDOC.DOC
- PHDPMP.PMP

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	count	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, 2013-2021 in Case Mix, and 2013-2021 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", /*new in 2021*/  
"T40411A", "T40411D", "T40412A", "T40412D", "T40413A", "T40413D", "T40414A",  
"T40414D", "T40421A", "T40421D", "T40422A", "T40422D",  
"T40423A", "T40423D", "T40424A", "T40424D", "T40491A", "T40491D", "T40492A", "T40492D",  
"T40493A", "T40493D", "T40494A", "T40494D"  
"T40601A", "T40601D", "T40602A",  
"T40602D", "T40603A", "T40603D", "T40604A", "T40604D", "T40691A",  
"T40692A", "T40693A", "T40694A", "T40691D", "T40692D", "T40693D",  
"T40694D", "96500", "96501", "96502", "96509",  
"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);

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

```
OD_OO=0;
ODD_OO=0;

array DIAG $ OO_DIAG1-OO_DIAG16;

do i=1 to 16;
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
```


Analytic Data Dictionary

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

```
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;
```

```
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
```

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

```
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;
```

```
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;
```

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

```
CM_diff=.;
end;
run;

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

Analytic Data Dictionary

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

```
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;
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;
```

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

```
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
INC_MONTH_MATRIS
lag diff
OD_ED
OD_OO;
run;
```

```
proc freq data=cm_matis3;
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_matis3; 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;
```

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

```
proc sort data=OD_DEATH2;
by ID OD_DATE FATAL_OD_DEATH;
run;

data od_death3;
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;
```

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

```
drop
del_flag
dod_flag
prior_od_date
ddiff;

*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;
```

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

```
drop FINAL_RE FINAL_SEX rev;  
run;
```

```
*recalculate count ;  
Data OD_DEATH6;  
set OD_DEATH5(drop= OD_COUNT);
```

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

```
data FINALDATASET;  
set OD_DEATH6;  
WHERE OD_YEAR IN(2013:2021); *these are full years of all components;  
if missing(OD_YEAR) and missing(FATAL_OD_YEAR) then delete;  
if missing(OD_RACE) then OD_RACE=9;  
if missing(OD_SEX) then OD_SEX=9;  
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
(PHD_TOX_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 2=MassHealth Phone 3=MassHealth POS - DNU 4=SNAP Income Verification Letter 5=SNAP Printout 6=TAFDC Printout 7=Proof Pending - DNU 8=Active MassHealth EVS 9=DTA Connect App 99=Unknown</p>	Num
AGE_EFFECTIVE_KID	Participant's age at time certification is effective	Age in years If less than 1 year UNIT=DY Blank =missing or unknown	Num
AGE_EFFECTIVE_KID_UNIT	Unit of age, days or years	DY=days YR=years Blank=missing or unknown	Char
AGE_END_KID	Participant's age at time certification ends	Age in years If less than 1 year, age= days unit=DY Blank=missing or unknown	Num
AGE_END_KID_UNIT	Unit of age, days or years	DY=days YR=years Blank=missing or unknown	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 9999=unknown, missing	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

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

Analytic Data Dictionary

PHDWIC.WIC_KID

Variable Name	Variable Description	Meta Data	Format
CATEGORY_KID	The participants category	2=Child 3=Infant 9=Unassigned	Num
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 9999=Unknown, Missing	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 9999=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
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
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

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

Analytic Data Dictionary

PHDWIC.WIC_KID

Variable Name	Variable Description	Meta Data	Format
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
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_ADJUNCT_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 - MassHealth 13=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

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

Analytic Data Dictionary

PHDWIC.WIC_KID

Variable Name	Variable Description	Meta Data	Format
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

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

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

Analytic Data Dictionary

PHDWIC.WIC_KID

HEALTH CARE SOURCE

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
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

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

Analytic Data Dictionary

PHDWIC.WIC_KID

BREASTFEED_TERM1_WIC
BREASTFEED_TERM2_WIC
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
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

<u>ETHNICITY_WIC_MOM</u>
<u>ETHNICITY_WIC_KID</u>
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 2=MassHealth Phone 3=MassHealth POS - DNU 4=SNAP Income Verification Letter 5=SNAP Printout 6=TAFDC Printout 7=Proof Pending - DNU 8=Active MassHealth EVS 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 (data missing in 2020-2023)	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_MONT_H_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 2020-2023)	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 99=unknown, missing	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
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

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

Variable Name	Variable Description	Meta Data	Format
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
RES_CODE_MOM	The city/town 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
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
33=Greater Roslindale Medical And Dental Center	81=Upham's Corner Health Center

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

Analytic Data Dictionary

PHDWIC.WIC_MOM

<u>HEALTH CARE SOURCE MOM</u>	
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_INF ANT	ANOMALY_ADACTYLY, ANOMALY_ANENCEPHALY, ANOMALY_CHD_CYANOTIC, ANOMALY_CLEFT, ANOMALY_CLUB_FT, ANOMALY_CHROM_DISORDER, ANOMALY_DIAPHRAGMATIC_HERNIA, 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
		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

Appendices

Spine Variable	Description	Dataset	Variable
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
DISABILITY_MOBILITY	What is the first year on record that this individual met the mobility disability definition?	PHDBIRTH.BIRTH_INFANT	ANOMALY_ADACTYLY, 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	PHDAPCD.MHEE	MHEE_DISABILITYCODE
		PHDBSAS.BSAS	CLT_ENR_VISION_IMPAIR
		PHDAPCD.MEDICAL	MED_ADM_DIAGNOSIS, MED_DIS_DIAGNOSIS, MED_ECODE,

Appendices

Spine Variable	Description	Dataset	Variable
	vision disability definition?		MED_ICD1-MED_ICD25, MED_PROC_CODE
		PHDBSAS.HOCMOUD	Mat_enrol_18, mat_enrol_25__9
		PHDBSAS.HOCMOUD_D IS	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_SSIIDFLAG MHEE_KALEIGHMULLIGANAIDFLAG
		PHDBIRTH.BIRTH_INFAN T	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_D IS	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_D IS	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_MOBILITY,	See datasets listed above for DISABILITY_DD, DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY,	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
	DISABILITY_HEAR, DISABILITY_ID, DISABILITY_MENTAL, DISABILITY_MOBILITY, DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, or DISABILITY_UNCAT?	DISABILITY_VISION, DISABILITY_CANCER, DISABILITY_CHRONIC, and 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_EVER HOMELESS2011- HOMELESS2022	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		

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Spine Variable	Description	Dataset	Variable
		PHDBSAS.HOCMOUD	MAT_enrol_5a, MAT_ENROL_15
		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_CLIENT_DMH
		PHDDMH.DMH_RAP	homeless_RAP_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
		PHDMIIS.COVID	REP_PROV_TYPE_CMIIS
		PHDCOVID.COVID_MAVEN	HOMELESS_FLG_CMAV
		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_LAST3YRS 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		PHDDEATH.DEATH	NAICS_DEATH

Appendices

Spine Variable	Description	Dataset	Variable
	Is there at least one industry code?	PHDBIRTH.BIRTH	NAICS_BIRTH
		PHDDIA.DIA	NAICS_DIA
OCCUPATIO-N_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
		PHDBIRTH.BIRTH_MOM	LANGUAGE_SPOKEN
		PHDDTA.DTA	LANGUAGE_DTA
		PHDEI.EI_CLIENTS	PRIMARY_LANGUAGE_EI
		PHDHIV.HIV_INC	ENGLISH_SPEAKING_HIV
		PHDBSAS.BSAS_HOC_M OUD	MAT_DIS_6N
OTHER_LANG1- OTHER_LANG3	If LANGUAGE is not English, what is the language?	PHDDMH.DMH	LANGUAGE_DMH INTERPRETER_DMH
		PHDBIRTH.BIRTH_MOM	LANGUAGE_SPOKEN
		PHDDTA.DTA	LANGUAGE_DTA
		PHDEI.EI_CLIENTS	PRIMARY_LANGUAGE_EI
		PHDHIV.HIV_INC	ENGLISH_SPEAKING_HIV
		PHDBSAS.HOCMOUD_D IS	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_D IS, PHDBSAS.HOCMOUD_P ERIOD, PHDBSAS.HOCSURV	ID

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Spine Variable	Description	Dataset	Variable
		PHDBIRTH.BIRTH_INFANT,	ID
		PHDBIRTH.BIRTH_MOM	
		PHDCM.ED	ID
		PHDCM.HD	ID
		PHDCM.OO	ID
		PHDDEATH.DEATH	ID
		PHDDHCD.DHCD	ID
		PHDDIA.DIA	ID
		PHDDMH.DMH	ID
		PHDDOC.DOC	ID
		PHDDTA.DTA	ID
		PHDDVS.DVS_CH115,	ID
		PHDDVS.DVS_ANN	
		PHDEI.EI_CLIENTS	ID
		PHDFETAL.FETALDEATH	ID
		PHDHEPA.HAV	ID
		PHDHEPC.HCV	ID
		PHDHIV.HIV_PREV	ID
		PHDHIV.HIV_INC	ID
		PHDHOC.HOC	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_D IS	ID
		PHDBSAS.HOCMOUD_P ERIOD	ID
RACEETH_MANY, RACEETH_NEVER, FINAL_RE	RACEETH_MANY: (For those where RaceEth_Never = 0) Is there more than one race/ethnicity value recorded for this PHD ID across all data	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

Appendices

Spine Variable	Description	Dataset	Variable
	sets or within a data set?	PHDDHCD.DHCD	RACE_DHCD
		PHDDOC.DOC	RACE_DOC
	RACEETH_NEVER: Is there no race or ethnicity recorded for this PHD ID across all data sets or within any data sets?	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
	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	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 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	PHDBIRTH.BIRTH_INFANT	ID
		PHDBIRTH.BIRTH_MOM	ID
		PHDBSAS.BSAS	ID
		PHDCM.ED	ID
		PHDCM.HD	ID
		PHDCM.OO	ID
		PHDDEATH.DEATH	ID
		PHDDHCD.DHCD	ID
		PHDDIA.DIA	ID
		PHDDMH.DMH	ID
		PHDDOC.DOC	ID
PHDDTA.DTA	ID		

Appendices

Spine Variable	Description	Dataset	Variable
	having visible APCD data	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
		PHDEMS.MATRIS	ID
		PHDMCR.MCR	ID
		PHDPMP.PMP	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_MANY:	PHDAPCD.DENTAL	DENT_SEX
SEX_NEVER	(For those where Sex_Never = 0)	PHDAPCD.MEDICAL	MED_SEX
FINAL_SEX	Is there more than one sex value recorded for this PHD ID across	PHDAPCD.PHARMACY	PHARM_SEX
		PHDBIRTH.BIRTH_INFAN T	SEX_BIRTH
		PHDBIRTH.BIRTH_MOM	ID (all individuals coded as female)
		PHDBSAS.BSAS	SEX_BSAS

Appendices

Spine Variable	Description	Dataset	Variable
	<p>all data 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>	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_D IS	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
		PHDDVS.DVS_CH115, PHDDVS.DVS_ANN	ID

Appendices

Spine Variable	Description	Dataset	Variable
		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
YOB	Estimated Year of Birth for each ID based on listed age	PHDBSAS.BSAS	BIRTH_YEAR_BSAS
		PHDDIA.DIA	BIRTH_YEAR_DIA
		PHDDTA.DTA	BIRTH_YEAR_DTA
		PHDEI.EI_CLIENTS	BIRTH_YEAR_EI
		PHDMCR.MCR	BIRTH_YEAR_MCR
		PHDWIC.WIC_MOM	BIRTH_YEAR_MOM
		PHDWIC.WIC_KID	INF_BIRTH_YEAR_WIC
		PHDBIRTH.BIRTH_INFAN T	YEAR_BIRTH
		PHDAPCD.DENTAL	DENT_AGE, DENT_START_YEAR
		PHDAPCD.MEDICAL	MED_AGE, MED_FROM_DATE_YEAR

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Spine Variable	Description	Dataset	Variable
		PHDAPCD.PHARMACY	PHARM_AGE, PHARM_FILL_DATE_YEAR
		PHDCM.ED	ED_AGE, ED_ADMIT_YEAR
		PHDCM.HD	HD_AGE, HD_ADMIT_YEAR
		PHDCM.OO	OO_AGE, OO_ADMIT_YEAR
		PHDBIRTH.BIRTH_MOM	AGE_BIRTH, YEAR_BIRTH
		PHDBSAS.HOCMOUD	ENROLL_AGE, ENROLL_YEAR
		PHDBSAS.HOCMOUD_D IS	MAT_DIS_AGE, MAT_DIS_DISENROLL_YEAR
		PHDBSAS.HOCMOUD_P ERIOD	MAT_PERIOD_1_AGE, MAT_PERIOD_1_YEAR
		PHDBSAS.HOCSURV	SURVEIL_ENROLL_AGE, SURVEIL_ENROLL_YEAR
		PHDCOVID.COVID_MAV EN	AGE_DIAGNOSIS_CMAV, FIRST_POS_TEST_DATE_YEAR_CMAV
		PHDDEATH.DEATH	AGE_DEATH, YEAR_DEATH
		PHDDHCD.DHCD	START_AGE_DHCD, START_YEAR_DHCD
		PHDDMH.DMH	AGE_DMH, ENROLLMENT_YEAR_DMH
		PHDDMH.DMH_RAP	AGE_RAP_DMH, ENROLLMENT_YEAR_RAP_DMH
		PHDDOC.DOC	ADMIT_RECENT_AGE_DOC, ADMIT_RECENT_YEAR_DOC
		PHDDVS.DVS_CH115	AGE_DVS, BENEFIT_YEAR_DVS
		PHDDVS.DVS_ANN	AGE_DVS, ANNUITY_YEAR_DVS
		PHDEMS.MATRIS	AGE_MATRIS, AGE_UNITS_MATRIS, INC_YEAR_MATRIS
		PHDFETAL.FETALDEATH	MOTHER_AGE_FD, FETAL_DEATH_YEAR
		PHDHEPA.HAV	AGE_HAV, EVENT_YEAR_HAV
		PHDHEPC.HCV	AGE_HCV, EVENT_YEAR_HCV
		PHDHIV.HIV_INC	AGE_HIV_INC, DIAGNOSIS_YEAR_HIV
		PHDHOC.HOC	AGE_HOC, RELEASE_YEAR_HOC
		PHDMIIS.COVID	AGE_CMIIS, DATE_ADMIN_YEAR_CMIIS
		PHDPMP.PMP	AGE_PMP, DATE_FILLED_YEAR

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