**PHD Datasets Source and One Line Description - UPDATES**

**Changes**  **Date**

Updated the OEND dataset 3/13/2024

Updated the details of the DVS datasets 8/2/2022

Updated details of the APCD datasets 8/19/2022

Updated community datasets with drug seizures 10/18/2022

Added information on BSAS HOC data 2/23/2023

Updated name of EOVS (formerly DVS) dataset 3/28/2023

Updated name of EOHLC (formerly DHCD) dataset 8/4/2023

Added in the MOUD & Overdose dat 1/10/2024

Added in COVID -19 datasets (MAVEN and MIIS) 1/10/2024

Updated details of BSAS HOC dataset 2/12/2024

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| Individual Level Data Sets |
|  | Data Set Name | Source | Brief Description |
| 1 | Acute Care Hospital Case Mix | Center for Health Information and Analysis | Inpatient hospitalizations, emergency department visits, and outpatient observation in acute care hospitals for Massachusetts residents |
| 2 | Addiction Treatment | MDPH - Bureau of Substance Addiction Services (BSAS) | BSAS funded substance addiction treatment records for Massachusetts residents |
| 3 | Houses of Correction – Opioid Use Disorder | MDPH - Bureau of Substance Addiction Services (BSAS) & Justice Community Opioid Innovation Network (JCOIN) | Individuals with who were identified as having opioid use disorder in nine participating Massachusetts jails.  |
| 4 | All Payer Claims Database | Center for Health Information and Analysis (APCD)  | Medical, Pharmacy, and Dental claims from commercial payers, third party administrators, and public programs (Medicaid/MassHealth)  |
| 5 | Birth Certificates | MDPH – Registry of Vital Records and Statistics (BIRTH) | Birth certificates for infants born to Massachusetts residents  |
| 6 | Cancer Incidence | Massachusetts Cancer Registry (MCR) | All incident cancer diagnoses to Massachusetts residents |
| 7 | Death Certificates= Circumstances of death | Office of the Chief Medical Examiner (OCME)MDPH – Registry of Vital Records and Statistics (DEATH)  | Death certificates for Massachusetts residents &Circumstances of death for Massachusetts residents whose death was referred to the OCME  |
| 8 | COVID-19 Cases  | MDPH - Bureau of Infectious Diseases and Laboratory Sciences | Confirmed and Probable COVID-19 cases in MA by date of first positive test result, data on COVID-19 symptoms, and demographic data.  |
| 9 | COVID-19 Vaccines  | MDPH - Bureau of Infectious Diseases and Laboratory Sciences (MIIS) | Data on COVID-19 vaccine in MA by vaccine date, vaccine type, provider type, residence, and demographic data |
| 10 | Early Intervention (EI) | MDPH – Bureau of Family Health and Nutrition  | Information about children residing in MA and under the age of three who are not reaching age-appropriate milestones, diagnosed with certain conditions, or have medical or social histories which may put them at risk for a developmental delay.  |
| 11 | Family Homelessness | Executive Office of Housing and Livable Communities (EOHLC)  | Subset of the records of families (heads of household) who received services from the Emergency Assistance Program  |
| 12 | Fetal Deaths | MDPH – Registry of Vital Records and Statistics  | Death certificates for fetal deaths occurring in Massachusetts |
| 13 | Hepatitis A Surveillance (HAV) | MDPH – Bureau of Infectious Diseases and Laboratory Sciences | Information on residence, demographics, clinical picture, and risk history for individuals with tests indicating the presence of the hepatitis A virus, or antibodies produced in response to this virus |
| 14 | Hepatitis C Surveillance (HCV) | MDPH – Bureau of Infectious Diseases and Laboratory Sciences | Information on residence, demographics, clinical picture, and risk history for individuals with tests indicating the presence of the hepatitis C virus, or antibodies produced in response to this virus |
| 15 | HIV Surveillance (HIV) | MDPH – Bureau of Infectious Diseases and Laboratory Sciences | Information on residence, demographics, clinical picture, and testing history for individuals with tests indicating the presence of HIV, or antibodies produced in response to this virus |
| 16 | Jails | MA Houses of Corrections  | Entry and release from a Massachusetts jail (does not currently include Barnstable, Bristol, Dukes, or Nantucket County) |
| 17 | Massachusetts Ambulance Trip Record Information System (MATRIS) | MDPH – Bureau of Health Care Safety and Quality  | Incident data from licensed ambulance services for Massachusetts residents  |
| 18 | Mental Health Treatment  | Department of Mental Health (DMH) | Treatment data for individuals served by DMH |
| 19 | Medications for Opioid Use Disorder (MOUD) | (combination of information from APCD, BSAS, DOC, & PMP) | Combines the MOUD data from across the PHD into one combined dataset. The medications covered are Buprenorphine, Methadone, and Naltrexone. |
| 20 | Opioid-related OVERDOSE | Combination of information from Case Mix (ED, ED\_DIAG, OO, OO\_DIAG, HD) MATRIS and Death | All non-fatal and fatal opioid overdose by Zip Code, Age, Gender and race.  |
| 21 | Postmortem toxicology (TOX) | Office of the Chief Medical Examiner (OCME) via Massachusetts State Police  | Postmortem toxicology results for Massachusetts residents whose death was referred to the OCME |
| 22 | Prescription Monitoring Program (PMP) | MDPH – Bureau of Health Professions Licensure  | Filled prescriptions for schedule II through V medications for Massachusetts residents  |
| 23 | Prisons  | Department of Correction | Entry and release from a Massachusetts prison |
| 24 | SNAP Benefits | Department of Transitional Assistance (DTA) | Data on individuals who applied for SNAP benefits  |
| 25 | Veteran’s Benefits  | Executive Office of Veterans’ Services (EOVS) | Data on individuals who received medical, housing, or other benefits from CH115 EOVS through Massachusetts’ communities or an annuity benefit for 100% service-connected disabled veterans |
| 26 | WIC Program  | MDPH – Bureau of Family Health and Nutrition  | Data on participants in the Women, Infants, and Children program  |
| 27 | Worker’s Compensation | Department of Industrial Accidents  | Worker’s Compensation claims  |

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| Community Level Data Sets |
|  | **Data Set**  | **Source** | **Brief Description** |
| 1 | Population |  American Community Survey | Several population filesby various demographic breakdowns  |
| 2 | Population | UMASS Donahue Institute  | Several population files at various geographic levels and by various demographic breakdowns  |
| 3 | The Public Health Disparities Geocoding Project Index of Concentration at the Extremes Measures  | Dataset downloaded from The Public Health Disparities Geocoding Project <https://www.hsph.harvard.edu/thegeocodingproject/> | Area-based socioeconomic measures with public health surveillance data, based on the work of the Public Health Disparities Geocoding Project at the Harvard T. H Chan School of Public Health, Department of Social and Behavioral Sciences. This data is at the zip code level and at the county level |
| 4 | Drug Seizures | The New England High Intensity Drug Trafficking Area (NEHIDTA) | Confirmed drug seizures within MA by date, drug type, quantity, unit, and county |
| 5 | First Responder Naloxone | MDPH - Overdose Education and Naloxone Distribution (OEND) Program | Participation in the OEND first responder naloxone program. This dataset includes narcan encounter level data. The variable encounter\_type\_OEND can be used to select either enrollment, non-rescue refill, or rescue report. Note that the ID on this dataset is not linkable to other PHD datasets.  |
| 6 | Carceral Resource Index | The Action Lab at the Center for Health Policy and Law at Northeastern University | A composite measure comparing Massachusetts municipal expenditures on health and social support services versus carceral systems |