

Data Sets and Source by Department/Organization

Abbreviations: MDPH – Massachusetts Department of Public Health

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

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			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

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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			
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1	Population	American Community Survey	Several population files by 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 naran 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

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			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