Analysis Terminology

• Deaths with HIV as the Underlying Cause: The number of HIV related deaths among persons with HIV.

• Age Adjusted Death Rate: Based on the age-specific death rate per 100,000 population in a specified group and computed by using the standard population age distribution of the total population of the United States for the year 2000.

• Mortality Rate Ratio: A comparison of the mortality rates between two groups. A rate ratio of 1.0 indicates equal rates between groups.
Trends in Annual Age-Adjusted* Rates of Death with HIV Disease as the Underlying Cause, 1999-2020, Maryland

Trends in Annual Age-Adjusted* Rates† of Death among Persons with Diagnosed HIV Infection Ever Classified as Stage 3 (AIDS), 1987-2020, Maryland

†Per 1,000 persons with diagnosed HIV infection ever classified as stage 3 (AIDS).
Trends in Age-Adjusted* Rates of Death and the Percentage Distribution of Deaths with HIV Disease as the Underlying Cause by Sex at Birth, 1999-2020, Maryland

Trends in Annual Age-Adjusted* Rate of Death with HIV Disease as the Underlying Cause, by Sex at Birth, 1999-2020, Maryland

Trends in Annual Age-Adjusted* Rate Ratios of Death with HIV Disease as the Underlying Cause, by Sex at Birth, 1999-2020, Maryland

Trends in Annual Age-Adjusted* Rates of Death and the Percentage Distribution of Deaths with HIV Disease as the Underlying Cause, by Age Group, 1999-2020, Maryland

Trends in Annual Rates of Death with HIV Disease as the Underlying Cause, by Age Group, 1999-2020, Maryland
Trends in Annual Rate Ratios of Death with HIV Disease as the Underlying Cause, by Age Group, 1999-2020, Maryland

Rate Ratios: Rates relative to reference group (Ages 25-34 1.0)
Mean and Median Age at Death with HIV Disease as the Underlying Cause, 1987-2020, Maryland
Trends in Annual Age-Adjusted* Rates of Death and the Percentage Distribution of Deaths with HIV Disease as the Underlying Cause, by Race/Ethnicity, 1999-2020, Maryland

**Hispanic persons can be of any race.
NH: Non-Hispanic

HIV Related Deaths (per 100,000 population)

Year of Death

Percentage

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%


Hispanic** NH-White NH-Black NH-Other Age-Adjusted Death Rate

Maryland DEPARTMENT OF HEALTH
Trends in Age-Adjusted* Annual Rates of Death with HIV Disease as the Underlying Cause, by Race/Ethnicity, 1999-2020, Maryland

**Hispanic persons can be of any race.
NH: Non-Hispanic
Note: Other race/ethnicities were not included due to small cell sizes
Trends in Age-Adjusted* Annual Rate Ratios of Death with HIV Disease as the Underlying Cause, by Race/Ethnicity, 1999-2020, Maryland

Rate Ratios: Rates relative to reference group (NH-White 1.0)

**Hispanic persons can be of any race.
NH: Non-Hispanic
Note: Other race/ethnicities were not included due to small cell sizes.
Leading Causes of Death among Persons with Diagnosed HIV Infection, 2015-2020, Maryland

- HIV: 863 deaths
- Overdose: 385 deaths
- Heart Disease: 384 deaths
- Cancer: 335 deaths
- Unintentional Injury: 209 deaths
- Pulmonary Disease: 74 deaths

Total N=3,081
Additional Data


• For additional mortality data or general data on HIV in Maryland, please visit the CHSEE HIV statistics page or submit a request to mdh.hivdatarequest@maryland.gov
Data Notes and Limitations

- The Center for HIV Surveillance, Epidemiology and Evaluation collects cause of death information for people living with diagnosed HIV in Maryland by medical record reviews, from Office of the Chief Medical Examiner reports, and through annual matches with the Vital Statistics Administration and the National Death Index.

- Mortality data has a longer reporting lag than HIV diagnosis data, and the most recent two years of mortality data are considered preliminary.
Prevention and Health Promotion Administration

https://phpa.health.Maryland.gov