

Indicator 3.3.1

Indicator Name, Target and Goal

Indicator 3.3.1 Number of new HIV infections per 1,000 uninfected population, by sex, age and key populations

Target 3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases

Goal 3 Ensure healthy lives and promote well-being for all at all ages

Definition and Rationale

○ Definition

This indicator is defined as the annual number of new HIV infections.

○ Concepts

Human Immunodeficiency Virus (HIV) is a virus that weakens the immune system, ultimately leading to Acquired Immune Deficiency Syndrome (AIDS). HIV destroys the body's ability to fight off infection and disease, which can ultimately lead to death.

○ Rationale and Interpretation:

Monitoring the incidence rate of HIV provides a measure of progress toward achieving the target of reducing the number of new HIV infections.

Data Sources and Collection Method

Annual AIDS Surveillance Report

Method of Computation and Other Methodological Considerations

○ Computation Method

$$\frac{\text{Number of people newly infected}}{\text{Total number of uninfected population}} \times 1,000$$

※It is difficult to calculate accurate figures, but it can be calculated if it is approximate figures.

○ Comments and limitations

As for "number of uninfected people", it is thought that it is calculated by "population - (cumulative infected person - dead person of cumulative infected people in the past - moved abroad of cumulative infected people in the past)",

but it lacks the data of the number of death and moved abroad among people already reported HIV infected. Therefore, it cannot be recalculated as "per 1000 inhabitants". Data corresponding to molecules (= number of new HIV-infected individuals) can be provided based on the "Annual AIDS Surveillance Report".

Data Disaggregation

We are grasping the number of reported cases of new HIV-infected persons per year and the cumulative number of reported cases for "sex" and "by age group".

References

Annual AIDS Surveillance Report

http://api-net.jfap.or.jp/status/2017/17nenpo/17nenpo_menu.html

Custodian Ministries of Data

Ministry of Health, Labour and Welfare

Custodian Ministries of Related Policies

Ministry of Health, Labour and Welfare

International Organizations

The Joint United Nations Programme on HIV/AIDS (UNAIDS)