

Indicator 3.9.3

Indicator Name, Target and Goal

Indicator 3.9.3 Mortality rate attributed to unintentional poisoning

Target 3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination.

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

Definition and Rationale

○ Definition

The number of deaths defined as deaths from “unintentional poisoning” per year divided by the Japanese population of the nation, represented per 100,000 population.

○ Concepts

“Deaths from unintentional poisoning” are those who died due to causes classified as “accidental infection by exposure to noxious substances” that fall under codes X40, X43-44 and X46-X49 of “International Statistical Classification of Diseases and Related Health Problems 10th Revision (ICD-10).”

○ Rationale and Interpretation:

Vital Statistics makes death forms based on reports of deaths submitted to each local municipality and identifies the primary cause of death based on the cause of death and circumstances described. Of the primary causes of death, those identified as “deaths from unintentional poisoning” is deemed as the number of “deaths from unintentional poisoning” per year.

Data Sources and Collection Method

Vital Statistics

Method of Computation and Other Methodological Considerations

○ Computation Method

Rate of deaths from unintentional poisoning (The total of ICD-10 codes X40, X43-X44 and X46-X49) = Number of deaths in a year from unintentional poisoning per year (The total of ICD-10 codes X40, X43-X44 and X46-X49) / Japanese population of that year x 100,000

○ Comments and Limitations

Vital Statistics does not have statistics on an item labeled “deaths from unintentional poisoning” and instead only calculates the number of deaths by ICD-10 codes.

Given the SDGs defines the sum of all applicable ICD-10 codes as “deaths from unintentional poisoning,” the calculations regarding the accidental poisoning by and exposure to noxious substances which corresponded to there were made accordingly.

Data Disaggregation

Although calculations per age group (five years age groups) is possible, since it becomes enormous data files, the total data is posted.

References

Vital Statistics

Custodian Ministries of Data

Ministry of Health, Labour and Welfare

Custodian Ministries of Related Policies

Ministry of Health, Labour and Welfare

Ministry of Agriculture, Forestry and Fisheries

Ministry of the Environment

International Organizations

World Health Organization (WHO)