Metadata Attachment

Reporting type

Choose an item.

SDG series

Choose an item.

Reference area

Choose an item.

Metadata Submission Form

|  |  |
| --- | --- |
| 0. Indicator information | |
| Concept name | *Insert text, lists, tables, and images.* |
| 0. Indicator information |  |
| 0.a. Goal | Goal 3: Ensure healthy lives and promote well-being for all at all ages |
| 0.b. Target | 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 |
| 0.c. Indicator | Indicator 3.3.2: Tuberculosis incidence per 100,000 population |
| 0.d. Series |  |
| 0.e. Metadata update | Last updated: 09 January 2018 |
| 0.f. Related indicators |  |
| 0.g. International organisations(s) responsible for global monitoring | Institutional information  Organization(s):  World Health Organization (WHO) |

|  |  |
| --- | --- |
| 1. Data reporter | |
| Concept name | *Insert text, lists, tables, and images.* |
| 1. Data reporter |  |
| 1.a. Organisation |  |
| 1.b. Contact person(s) |  |
| 1.c. Contact organisation unit |  |
| 1.d. Contact person function |  |
| 1.e. Contact phone |  |
| 1.f. Contact mail |  |
| 1.g. Contact email |  |

|  |  |
| --- | --- |
| 2. Definition, concepts, and classifications | |
| Concept name | *Insert text, lists, tables, and images.* |
| 2. Definition, concepts, and classifications |  |
| 2.a. Definition and concepts | Concepts and definitions  Definition:  The tuberculosis incidence per 100,000 population as defined as the estimated number of new and relapse TB cases (all forms of TB, including cases in people living with HIV) arising in a given year, expressed as a rate per 100 000 population.  Concepts:  Direct measurement requires high-quality surveillance systems in which underreporting is negligible, and strong health systems so that under-diagnosis is also negligible; otherwise indirect estimates are based on notification data and estimates of levels of underreporting and under-diagnosis. |
| 2.b. Unit of measure |  |
| 2.c. Classifications |  |

|  |  |
| --- | --- |
| 3. Data source type and data collection method | |
| Concept name | *Insert text, lists, tables, and images.* |
| 3. Data source type and collection method |  |
| 3.a. Data sources | Data sources  Description:  Details about data sources and methods are available in the following publicly available paper:  <https://arxiv.org/ftp/arxiv/papers/1603/1603.00278.pdf> |
| 3.b. Data collection method | **Collection process**:  National TB Programmes report every year between March and June their annual TB data to WHO using a standardized online data reporting system maintained at WHO. The system includes real-time checks for data consistency. Estimates of TB burden are prepared in July-August and communicated with countries. In selected countries with new survey data, estimates are updated separately during the year. All estimates are communicated in August-September and revisions are done based on feedback. The final set of estimates is reviewed in WHO before publication in October, for compliance with specific international standards and harmonization of breakdowns for age and sex groups. |
| 3.c. Data collection calendar | Calendar  Data collection:  current: March-June each year |
| 3.d. Data release calendar | Data release:  October each year |
| 3.e. Data providers | Data providers  National TB Programmes, Ministries of Health |
| 3.f. Data compilers | Data compilers  WHO |
| 3.g. Institutional mandate |  |

|  |  |
| --- | --- |
| 4. Other methodological considerations | |
| Concept name | *Insert text, lists, tables, and images.* |
| 4. Other methodological considerations |  |
| 4.a. Rationale | Rationale:  Following two years of consultations, a new post-2015 global tuberculosis strategy was endorsed by the World Health Assembly in May 2014. Known as the End TB Strategy, it covers the period 2016-2035. The overall goal is to “End the global tuberculosis epidemic”, and correspondingly ambitious targets for reductions in tuberculosis deaths and cases are set for 2030 (80% reduction in incidence rate compared with the level of 2015) and 2035 (90% reduction in incidence rate), in the context of the SDGs.  The tuberculosis incidence rate was selected as an indicator for measuring reductions in the number of cases of disease burden. Although this indicator was estimated with considerable uncertainty in most countries in 2014, notifications of cases to national authorities provide a good proxy if there is limited under-reporting of detected cases and limited under or over-diagnosis of cases. |
| 4.b. Comment and limitations | Comments and limitations:  TB incidence has been used for over a century as a main indicator of TB burden, along with TB mortality. The indicator allows comparisons over time and between countries. Improvement in the quality of TB surveillance data result in reduced uncertainty about indicator values. |
| 4.c. Method of computation | Methodology  Computation method:  Estimates of TB incidence are produced through a consultative and analytical process led by WHO and are published annually. These estimates are based on annual case notifications, assessments of the quality and coverage of TB notification data, national surveys of the prevalence of TB disease and information from death (vital) registration systems.  Estimates of incidence for each country are derived, using one or more of the following approaches depending on available data: (i) incidence = case notifications/estimated proportion of cases detected; (ii) capture-recapture modelling, (iii) incidence = prevalence/duration of condition.  Uncertainty bounds are provided in addition to best estimates.  Details are available from TB impact measurement: policy and recommendations for how to assess the epidemiological burden of TB and the impact of TB control and from the online technical appendix to the WHO global tuberculosis report 2017 and <https://arxiv.org/abs/1603.00278> |
| 4.d. Validation |  |
| 4.e. Adjustments |  |
| 4.f. Treatment of missing values (i) at country level and (ii) at regional level | Treatment of missing values:   * ***At country level:***   Details available in the following publicly available paper:  <https://arxiv.org/ftp/arxiv/papers/1603/1603.00278.pdf>   * ***At regional and global levels:***   Details available in the following publicly available paper:  <https://arxiv.org/ftp/arxiv/papers/1603/1603.00278.pdf> |
| 4.g. Regional aggregations | Regional aggregates:  Country estimates of case counts are aggregated. Uncertainty is propagated assuming independence of country estimates. |
| 4.h. Methods and guidance available to countries for the compilation of the data at the national level |  |
| 4.i. Quality management |  |
| 4.j Quality assurance |  |
| 4.k Quality assessment |  |

|  |  |
| --- | --- |
| 5. Data availability and disaggregation | |
| Concept name | *Insert text, lists, tables, and images.* |
| 5. Data availability and disaggregation | Data availability  Description:  All countries  Time series:  2000 onwards  Disaggregation:  The indicator is disaggregated by country, sex and age (children vs adults). |

|  |  |
| --- | --- |
| 6. Comparability/deviation from international standards | |
| Concept name | *Insert text, lists, tables, and images.* |
| 6. Comparability/deviation from international standards | Sources of discrepancies:  Population denominators may differ between national sources and UNPD. WHO uses UNPD population estimates. |

|  |  |
| --- | --- |
| 7. References and documentation | |
| Detailed concept name | *Insert text, lists, tables, and images.* |
| 7. References and Documentation | References  **URL:**  <http://www.who.int/tb/country/data/download/en/>  References:  WHO global tuberculosis report 2017: (<http://www.who.int/tb/publications/global_report/en/>, accessed 09 January 2018).  Methods used by WHO to estimate the Global burden of TB disease: <https://arxiv.org/ftp/arxiv/papers/1603/1603.00278.pdf>  Definitions and reporting framework for tuberculosis – 2013 revision (WHO/HTM/TB/2013.2). Geneva: World Health Organization; 2013 (<http://www.who.int/tb/publications/definitions/en/>, accessed 21 June 2016).  World Health Assembly governing body documentation: official records. Geneva: World Health Organization (<http://apps.who.int/gb/or/>, accessed 21 June 2016). |