**2022 Data and Metadata Reporting on SDG indicators**

**Contents**

[**1.** **Data request and data templates** 1](#_Toc90507254)

[**a.** **Data request** 1](#_Toc90507255)

[**b.** **Data templates** 2](#_Toc90507256)

[**2.** **Metadata review and update request** 3](#_Toc90507257)

[**3.** **Attached Documents** 4](#_Toc90507258)

[**Annex 1. Record-based format fields** 5](#_Toc90507259)

[**Annex 2. Metadata review criteria for custodians** 8](#_Toc90507260)

[**Annex 3. List of indicators to be included in the SDG Progress Chart** 9](#_Toc90507261)

# **Data request and data templates**

## **Data request**

* Please provide county level, regional and global level data for all time periods (years) **between 15 February and 1 March 2022** to the following email address: [sdgindicators@un.org](mailto:sdgindicators@un.org).
* This data submission deadline is determined by the publication schedule of the two SDG reports and the accompanying online statistical annex, as the SDG database needs to be fully aligned with the data in these reports and the annex. If updated data are expected to become available after the **1 March 2022** deadline, please inform us by writing to the following email address: [sdgindicators@un.org](mailto:sdgindicators@un.org).
* Time periods to be covered:
  + Data for global and regional aggregates should be provided for at least the following years: 2000, 2005, 2010, 2015, 2020 and the most recent year; receiving data for all years starting with the reporting year 2000 would be welcome;
  + Country (or area) data should be provided for all years beginning with the year 2000;
* Country (or areas) and regions to be covered:
  + **(Required)** Please submit regional aggregates according to the “**SDG regional groupings**” which are based on the M49 classification[[1]](#footnote-2) and aggregates for Least Developed Countries (LDCs), Landlocked Developing Countries (LLDCs) and Small islands developing states (SIDS).[[2]](#footnote-3)
  + Please refer to the attached Excel file for the composition of the regional groupings.
  + The data should cover all countries or areas for which data are available.
  + The distinction of “Developed regions” and “Developing regions” was removed from M49 in December 2021. However, for the 2022 reporting cycle, they are still listed among those optional in the excel file with regional compositions. The two groupings will be removed for the 2023 reporting cycle. UNSD will consider removing all optional MDG regions in the 2023 reporting cycle after consulting with you.
  + A regional grouping that combines “Europe and Northern America” and “Australia and New Zealand” has been added in the regional compositions excel file. This grouping is only requested for those indicators contained in the SDG Progress Chart. The list of indicators in the SDG Progress Chart can be found in Annex 3 of this document.
* Agencies are requested to submit disaggregated data whenever they are available.
* Please use the blank data template for any new data series. Please use either the pre-filled EXCEL or prefilled SDMX template containing your latest submitted data to provide updated data for existing data series. See below for more details on the templates.
* The data is used to support the annual SDG progress report and will be uploaded to the Global SDG Indicators Database (<http://unstats.un.org/sdgs/indicators/database/>).

## **Data templates**

The 2022 request includes the following templates. The agencies are requested to choose only ONE type of template for each series for their data compilations and submit them accordingly.

1. A blank (generic) data template
   1. ONLY for the new data series that are reported to the Global Database for the first time. This type of template provides a generic data structure.
2. The pre-filled data templates based on the latest data available in the Global Database submitted by you.
   1. This template provides agencies with their latest available data in the Global Database. Data providers may simply choose to update these data templates and / or use them as a guide for ensuring the structural integrity of their data submissions.
3. The SDMX data templates which are (1) pre-filled with the latest data available, and (2) based on the latest Data Structure Definitions (DSD). **For questions concerning SDMX data exchange, please contact Mr. Abdulla Gozalov at** [**gozalov@un.org**](mailto:gozalov@un.org).
   1. This template provides agencies with their latest available data in the Global Database coded according to latest SDMX-DSD for SDGs.
   2. The templates are compatible with Eurostat’s SDMX Converter. The data providers are requested to compile, validate (using latest SDG-DSD) and submit ONLY the structured-specific XML files to UNSD. The data files that are not yet validated with the DSD will be returned to the providers. Instructions on how to use Eurostat SDMX Converter and how to complete the templates are attached to the email.
   3. The DSD, matrix and usage guidelines can be found here (https://unstats.un.org/sdgs/iaeg-sdgs/sdmx-working-group/).

Regardless of the type of template, the global, regional, and country-level data should be provided in a **record-based format**. Each record should contain the data fields as specified in Annex 1 as applicable.

# **Metadata review and update request**

* Custodian agencies are requested to submit metadata together with the data (or let UNSD know that no revisions to metadata are needed).
* Please use the metadata file from the repository and include any revision in track change mode in word. All metadata files in the repository[[3]](#footnote-4) are using the Harmonized metadata template (format version 1.0, also called “new template”, introduced in December 2020).
* If major/substantive changes are introduced in the metadata, please let UNSD know and allow time for the internal and IEAG-SDGs review. Data with metadata that is under review will not be published until metadata is approved.
* While reviewing metadata, please formulate the metadata in a way that it will not automatically require annual updates to reduce the reporting burden on both sides. Also ensure that the content refers to the published series as presented in the pre-filled data templates and in the Global SDG database Please also follow as much as possible the metadata review criteria for custodians developed by the IAEG-SDG Metadata sub-group found in Annex 2 of this document.

# **Attached Documents**

1. 2022 Regional Groupings (EXCEL)
2. 2022 Global SDG Indicators Database Release Schedule
3. Blank (generic) data template
4. SDG Data Request Pre-filled Template(s)
5. SDMX template(s) for series in the DSD-SDGs
6. New Metadata Template (blank) with definitions of metadata concepts

\_\_\_\_\_\_\_\_\_\_\_\_

# 

# **Annex 1. Record-based format fields**

|  |  |
| --- | --- |
| **Field Name** | **Description** |
| Series Code | Data series code |
| Series Name | Data series title |
| Indicator Reference Number | Reference number of the indicator (e.g. 1.1.1) |
| Reference area code | Code (ISO ALPHA 3 OR M49) |
| Reference area name | World, region, country (or area) |
| Reference area type | i.e. Global, regional, country (or area), etc. [for UNSD internal use only] |
| Time period | Gregorian calendar (January through December) - YYYY (i.e. 1990, 1991). In the case where the period is not annual (e.g. two-year average), one applicable year must still be provided; further detail can be provided in the fields Time period details (see below). |
| Observation value | Numeric or qualitative measured value of observed phenomenon at specific Time Period. |
| Unit of measurement | i.e. Percent, Number, etc. |
| Nature of data | (C) Country data (data obtained from a national source), (CA) Country adjusted data (data obtained from a national source and adjusted for international comparability), (E) Estimated, (M) Modelled, (G) Global monitoring data (see info in Q&A section at https://unstats.un.org/sdgs/indicators/database ) |
| Source detail | Specific data source used for this observation, e.g. in the case of data obtained from the country: e.g. “National Statistical Office - Labour Force Survey”, or “Ministry of Education – Education Management Information System”. |
| Reporting Type | G for global reporting data; N for national reporting data (reported directly by the national focal points). For all SDG Global Database templates, the Reporting Type column will be pre-filled with G. |
| **Optional: additional metadata (attributes), for example** | |
| Time detail | When TIME\_PERIOD refers to a date range, this attribute is used to provide metadata on the actual range the observation refers to (e.g. for period '2001-2003' TIME\_PERIOD would be 2002 but the actual dates --2001-2003-- would be expressed here). |
| Footnotes | Observation level metadata with additional information on specific aspects of each observation, such as how the observation was computed/estimated or details that could affect the comparability of this data point with others in a time series |
| Uncertainty bounds | Upper bound, lower bound |
| Observation Status | Information on the quality of a value or an unusual or missing value. (A = Normal value, B = Time series break, D = Definition differs, etc.) |
| **Additional fields (dimensions) as applicable, for example** | |
| Activity | i.e. Agriculture, forestry and fishing, Mining and quarrying, etc. |
| Age group | i.e. Total, 15–49 years old, under 5 years old, etc. |
| Cause of death | (Indicator 16.1.2) EXPLOSIVES, HEAVYWEAPONS, etc. |
| Cities | i.e. Abidjan, Brussels, Osaka, etc. |
| Counterpart | VN, SO, FJ, LK, etc. |
| Deviation Level | (Indicator 6.6.1) LOW, MEDIUM, HIGH and EXTREME |
| Disability status | i.e. Disabled, non-disabled, etc. |
| Education level | i.e. Grade 2/3, primary, lower secondary, secondary, upper secondary |
| Fiscal intervention stage | (Indicator 10.4.2) POSTFIS\_DIS\_INC, POSTFIS\_CON\_INC, PREFIS\_INC, etc. |
| Food waste sector | (Indicator 12.3.1) RTL, OOHC, HHS, etc. |
| Frequency of Chlorophyll-a concentration | (Indicator 14.1.1) Moderate, High, Extreme, etc. |
| Geographic location | i.e. Total, Urban, Rural |
| Government\_Name | VLAAMSE\_OVERHEID, WALLOON\_REGION, etc. |
| Grounds of discrimination | (Indicators 10.3.1, 16.b.1) AGE, RACE, RELIGION, etc. |
| IHR Capacity Type | (Indicator 3.d.1) IHR01, IHR02, etc. |
| Level of government | (Indicator 11.4.1) LOCAL, NAT, REG |
| Level of requirement | (Indicator 12.6.1) ADVANCED, MINIMUM |
| Level/Status | (Indicator 6.5.1) Fully implemented, advanced implementation, implementation started, under development, etc. |
| Migratory status | i.e. Migrant, non-migrant, etc. |
| Mode of Transportation | (Indicator 9.1.2) Road, rail and air |
| Mountain Elevation | (Indicator 15.4.2) ALL, 1, 2, 3, etc. |
| Name of international institution | (Indicator 10.6.1) ADB, AFDB, ECOSCO, FSB, etc. |
| Name of non-communicable disease | (Indicator 3.4.1) Cardiovascular disease, cancer, diabetes or chronic respiratory disease |
| Parliamentary committees | (Indicator 16.7.1) DEFENCE, FINANCE, etc. |
| Policy Domains | i.e. Domain 1. Migrant rights, Domain 3. Cooperation and partnerships, etc. |
| Policy instruments | (Indicator 12.1.1) POLICY\_ECONFIS, POLICY\_MACRO, etc. |
| Quantile | i.e. Q1, Q2, Q3, etc. |
| Report ordinal | (Indicator 13.2.1 and 13.b.1) FIRST, SECOND, THIRD, etc. |
| Sampling Stations | (Indicator 14.3.1) OVIDE-2014, QU39, STEWARTISLAND, TASMANBAY, etc. |
| Severity of price levels | (Indicator 2.c.1) ABNORMAL, MODERATE, TOTAL |
| Sex | Total, male, female |
| Substance use disorders | (Indicator 3.5.1) COCAINE, OPIOIDS, etc. |
| Type of occupation | i.e. ISCO-08 classification, ISCO-88 classification, etc. |
| Type of product | i.e. Agricultural products, industrial products, commodities, etc. |
| Type of skill | i.e. Numeracy, literacy, ICT skill, etc. |
| Type of speed (broadband) | (Indicator 17.6.1) Any speed, 10 Mbps and over, between 256 kbps and 2 Mbps, between 2 Mbps and 10 Mbps |
| Type of support | (Indicator 13.a.1) MITIGATION, ADAPTATION, CROSS\_CUTTING, etc. |
| Type of waste treatment | (Indicator 12.4.2) INCINRT, LANDFIL, RECYCL |

# **Annex 2. Metadata review criteria for custodians**

**IAEG-SDG Metadata sub-group:**

**Metadata review criteria for custodians**

*Note: As announced during the 12th IAEG-SDG meeting, the IAEG-SDGs created a Metadata sub-group in 2020 tasked to address current and future issues identified in the metadata documents, aiming to improve the overall quality of metadata for the SDG indicators. In line with this work, the sub-group is currently reviewing the metadata for issues related to spelling/grammar, consistency and coherence. Since custodians will shortly review their metadata in preparation for the 2022 data request, the sub-group would like to take this opportunity to again provide the below criteria to be used as a guide for custodian review of their metadata. It would be appreciated if custodians can take these criteria into consideration when updating the metadata, which will ultimately be reviewed by the sub-group.*

Please kindly review the following:

1. **Editorial and Grammatical check**
   1. Editorial review
      1. Sentences make sense (correct usage of language)
      2. Is all the required information included in the document? Are all relevant sections complete? (if not applicable or no information, please indicate)
   2. Grammar and spelling review
      1. Sentences are complete
      2. Words are spelled correctly (please run a spell check)
2. **Consistency check**

Is the metadata complete?

* 1. Does the document contain the necessary information for the collection of all sub-indicators?
  2. Does the metadata include the computation methods?
  3. Does the metadata include anything else that should be provided to understand and compute the indicator?

1. **Coherence check**

Are the time series reported in the UN Global SDG Database compliant with the metadata?

* 1. Is the indicator in line with the metadata?
  2. Is the data reported in the Global database a proxy? If so, is it noted in the metadata?
  3. Is a unit of measurement correctly provided?

# **Annex 3. List of indicators to be included in the SDG Progress Chart**

| **Indicator** | **Indicator Title** | **Data required for progress assessment** |
| --- | --- | --- |
| 1.1.1 | Proportion of population below the international poverty line, by sex, age, employment status and geographical location (urban/rural) |  |
| 1.3.1 | Proportion of population covered by social protection floors/systems, by sex, distinguishing children, unemployed persons, older persons, persons with disabilities, pregnant women, newborns, work-injury victims and the poor and the vulnerable |  |
| 2.1.2 | Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES) |  |
| 2.2.1 | Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age |  |
| 3.1.2 | Proportion of births attended by skilled health personnel |  |
| 3.2.1 | Under-five mortality rate |  |
| 3.3.3 | Malaria incidence per 1,000 population |  |
| 3.b.1 | Proportion of the target population covered by all vaccines included in their national programme | As agreed, the data used for this indicator is related to DTP3 |
| 4.1.2 | Completion rate (primary education, lower secondary education, upper secondary education) | Only data for 'Primary education completion rate' is needed |
| 5.3.1 | Proportion of women aged 20-24 years who were married or in a union before age 15 and before age 18 | Only data for 'before age 18' is needed |
| 5.5.1 | Proportion of seats held by women in (a) national parliaments | Only data for 'nationa parliaments' is needed |
| 6.1.1 | Proportion of population using safely managed drinking water services |  |
| 6.2.1 | Proportion of population using (a) safely managed sanitation services | Only data for 'safely managed sanitation services' is needed |
| 7.1.1 | Proportion of population with access to electricity |  |
| 7.3.1 | Energy intensity measured in terms of primary energy and GDP |  |
| 8.1.1 | Annual growth rate of real GDP per capita |  |
| 8.5.2 | Unemployment rate, by sex, age and persons with disabilities |  |
| 9.2.1 | Manufacturing value added as a proportion of GDP and per capita |  |
| 9.5.1 | Research and development expenditure as a proportion of GDP |  |
| 9.c.1 | Proportion of population covered by a mobile network, by technology | As suggested by ITU, data for 'proportion of the population covered by at least a 3G mobile network is needed' |
| 10.4.2 | Redistributive impact of fiscal policy | Gini index data is needed |
| 11.1.1 | Proportion of urban population living in slums, informal settlements or inadequate housing |  |
| 11.6.2 | Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted) |  |
| 12.2.2 | Domestic material consumption, domestic material consumption per capita, and domestic material consumption per GDP | Only data for 'Domestic material consumption per GDP' is needed |
| 12.c.1 | (a) Amount of fossil-fuel subsidies as a percentage of GDP; and (b) amount of fossil-fuel subsidies as a proportion of total national expenditure on fossil fuels | Only data for 'Amount of fossil-fuel subsidies as a percentage of GDP' is needed |
| 13.2.2 | Total greenhouse gas emissions per year |  |
| 14.4.1 | Proportion of fish stocks within biologically sustainable levels |  |
| 14.5.1 | Coverage of protected areas in relation to marine areas | As suggested by IUCN, only data for 'protected area coverage of marine key biodiversity areas' is needed |
| 15.1.2 | Proportion of important sites for terrestrial biodiversity that are covered by protected areas, by ecosystem type |  |
| 15.5.1 | Red List Index |  |
| 16.1.1 | Number of victims of intentional homicide per 100,000 population, by sex and age |  |
| 16.3.2 | Unsentenced detainees as a proportion of overall prison population |  |
| 16.a.1 | Existence of independent national human rights institutions in compliance with the Paris Principles |  |
| 17.2.1 | 17.2.1 Net official development assistance, total and to least developed countries, as a proportion of the Organization for Economic Cooperation and Development (OECD) Development Assistance Committee donors’ gross national income (GNI) |  |
| 17.8.1 | Proportion of individuals using the Internet |  |
| 17.18.3 | Number of countries with a national statistical plan that is fully funded and under implementation, by source of funding |  |

1. See UNSD website: <https://unstats.un.org/unsd/methodology/m49/> [↑](#footnote-ref-2)
2. In 2019, the CCS-UN discussed requesting the SDG data – through UNSD – for the Regional Commissions (RCs) for additional regional groupings according to their specific requirements. UNSD will send a separate request to custodian agencies requesting these additional regional groupings. The request will include the codes of the additional regional groupings and contact information of focal persons at the RCs. These data are to be submitted directly to the RCs. [↑](#footnote-ref-3)
3. <http://unstats.un.org/sdgs/metadata/> [↑](#footnote-ref-4)