

# SDGs, inter-linkages, Statistical Systems and UN Global Platform a collaborative environment for the global statistical community

Ronald Jansen,  
Assistant Director, DESA/Statistics

# The Sustainable Development Goals Report 2019

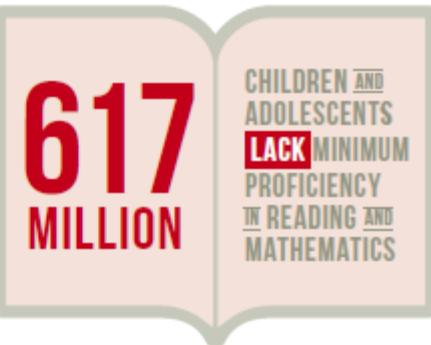


## Overview





## ENSURE INCLUSIVE AND EQUITABLE QUALITY EDUCATION AND PROMOTE LIFELONG LEARNING OPPORTUNITIES FOR ALL



**750 MILLION ADULTS STILL REMAIN ILLITERATE**



TWO THIRDS OF THEM ARE WOMEN



**MORE THAN HALF**  
OF THE SCHOOLS IN SUB-SAHARAN AFRICA

**DO NOT HAVE ACCESS TO**

- BASIC DRINKING WATER
- HANDWASHING FACILITIES
- THE INTERNET
- COMPUTERS

**1 OUT OF 5** CHILDREN BETWEEN 6 AND 17 YEARS ARE NOT ATTENDING SCHOOL



IN CENTRAL ASIA, **27%** MORE GIRLS THAN BOYS OF PRIMARY SCHOOL AGE ARE NOT ATTENDING SCHOOL



# Home

## Welcome to the Sustainable Development Goal indicators website

*A robust follow-up and review mechanism for the implementation of the 2030 Agenda for Sustainable Development requires a solid framework of indicators and statistical data to monitor progress, inform policy and ensure accountability of all stakeholders. The global indicator framework was adopted by the General Assembly on 6 July 2017 and is contained in the Resolution adopted by the General Assembly on Work of the Statistical Commission pertaining to the 2030 Agenda for Sustainable Development (A/RES/71/313).*

## Latest News

### QUICK LINKS

[2030 Agenda for Sustainable Development](#)

[SDGs Database](#)

[E-Handbook on SDG Indicators](#)

[SDGs report 2019](#)



# SDG Indicators

## Metadata repository

The metadata available in this repository is a work in progress. It reflects the latest reference metadata information provided by the UN System and other international organizations on data and statistics for the Tier I and II indicators in the global indicator framework. Since Tier III indicators are still under methodological development, a link to the webpage that includes all available work plans is being provided. The repository will be further updated and periodically reviewed in cooperation with the respective data compilers.

- [Download the complete set of metadata for indicators \(as of June 2019\)](#)

*In addition:*

- [Official list of global Sustainable Development Goal indicators](#)
- [Tier Classification for Global SDG Indicators](#)
- [Work Plans for Tier III Indicators](#)
- [Metadata for initially proposed indicators \(archive\)](#)
- [Latest news](#)

*Last updated: October 2018*

Please send your feedback and suggestions for improvements to [statistics@un.org](mailto:statistics@un.org).

Search

Goal 1. End poverty in all its forms everywhere

Most recent meeting: 25-28 March 2019 in  
Beirut

## Meeting objectives

- Review the tier classification
- Review Tier III work plans and updates
- Discuss 2020 comprehensive review and additional indicators and develop detailed work plans
- Discuss data disaggregation of SDG indicators
- Share experiences on implementing monitoring of the SDGs
- Other related issues

# **Interlinkages of the 2030 Agenda for Sustainable Development**

**Prepared by IAEG-SDGs, March 2019**

This report synthesizes some existing approaches:

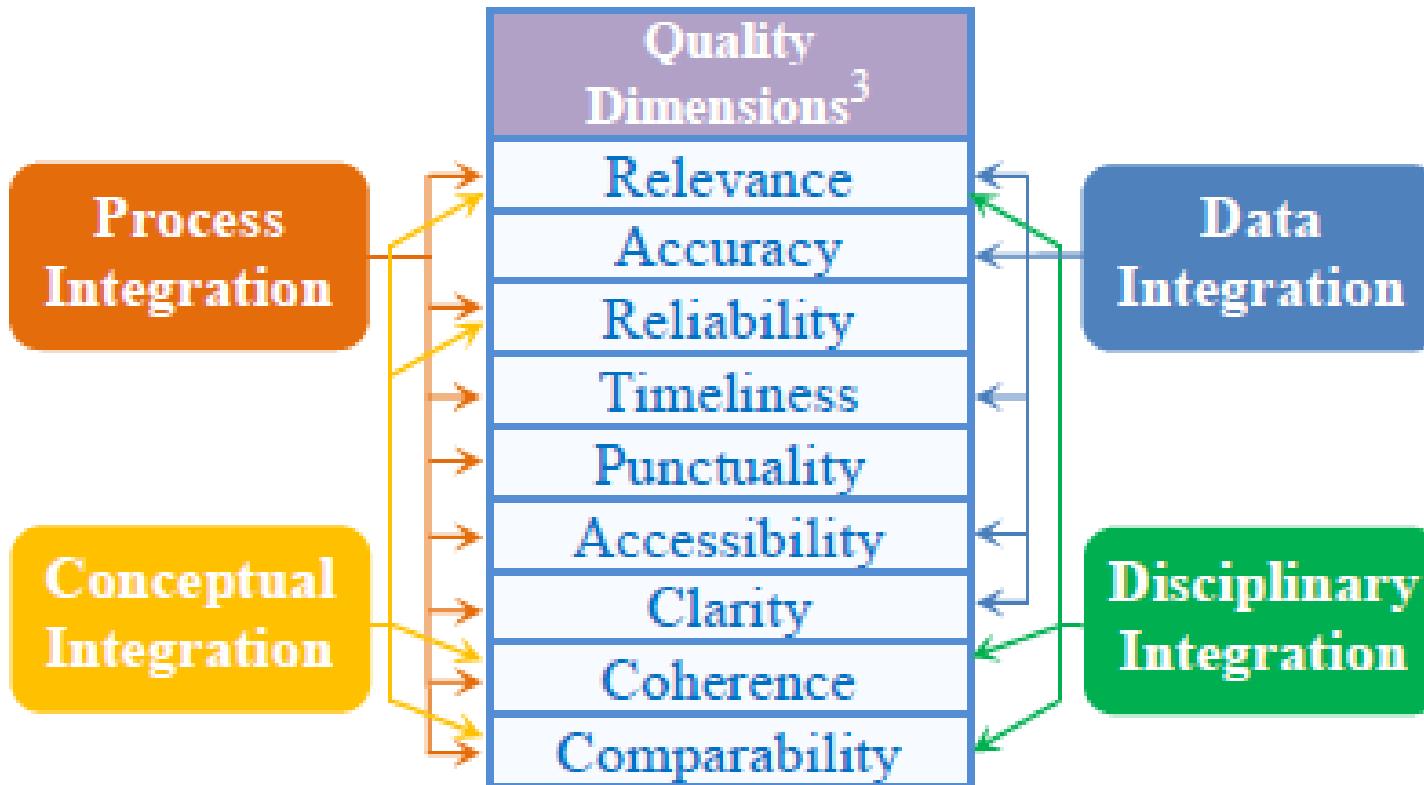
- Institute for Global Environmental Strategies (IGES),
- Aichi Framework,
- indicator framework Drivers, Pressures, State, Impact and Results (DPSIR),
- modelling proposed by the Italian National Institute of Statistics (ISTAT)

**FIGURE 1 - Goal 3 Interlinkages**

Goal 3 and Targets	Interlinkages between Goal 3 and other goals within the current framework	Interlinkage between Goals and targets and indicators within the current framework
<b>GOAL 3:</b> Ensure healthy lives and <b>promote well-being</b> for all at all ages	<ol style="list-style-type: none"><li>1. No poverty</li><li>2. Zero Hunger</li><li>4. Quality Education</li><li>5. Gender Equality</li><li>6. Clean Water and Sanitation</li><li>7. Affordable and Clean Energy</li><li>8. Decent Work and Economic Growth</li><li>9. Industry, Innovation and Infrastructure</li><li>10. Reduced Inequalities</li><li>11. Sustainable Cities and Communities</li><li>12. Responsible Consumption and production</li><li>13. Climate Action</li><li>14. Life Below Water</li><li>15. Life on Land</li><li>16. Peace, Justice and Strong Institutions</li><li>17. Partnerships for the Goals</li></ol>	<p>1 - 1.1, 1.2, 1.3, 1.4, 1.5, 1.a, 1.b 2 - 2.1, 2.2 4 - 4.1, 4.2, 4.3, 4.7 5 - 5.1, 5.2, 5.3, 5.6, 5.c 6 - 6.1, <b>6.2</b>, 6.3, <b>6.4</b>, <b>6.a</b>, <b>6.b</b> 7 - <b>7.1</b> 8 - 8.1, 8.3, <b>8.5</b>, <b>8.6</b>, <b>8.7</b>, <b>8.8</b> 9 - <b>9.1</b>, <b>9.c</b> 10 - 10.1, 10.2, 10.3, 10.4, 10.7 11 - 11.1, 11.2, 11.3, 11.5, 11.6, <b>11.7</b>, <b>11.b</b> 12 - 12.4 13 - 13.1, 13.3 14 - 14.1, <b>14.2</b> 16 - 16.1, 16.2, <b>16.3</b>, <b>16.4</b>, <b>16.6</b>, <b>16.7</b>, <b>16.9</b>, <b>16.10</b>, <b>16.a</b> 17 - 17.13, 17.16, <b>17.18</b></p>

\*Red indicates indirect interlinkage

# How can we measure interlinkages?



# DATA INTEROPERABILITY: A PRACTITIONER'S GUIDE TO JOINING UP DATA IN THE DEVELOPMENT SECTOR

## How to use this Guide

The Guide is structured around five areas that the Collaborative has collective  
to the development of more interoperable data systems at scale over time:

1. Interoperability, data management, and governance;
2. Canonical data and metadata models;
3. Classifications and vocabularies;
4. Standardized interfaces; and
5. Linked data.

# Statistical Data Infrastructure

1. Statistical data

2. Register Data

3. Other Administrative Data

4. Big Data

Country

District

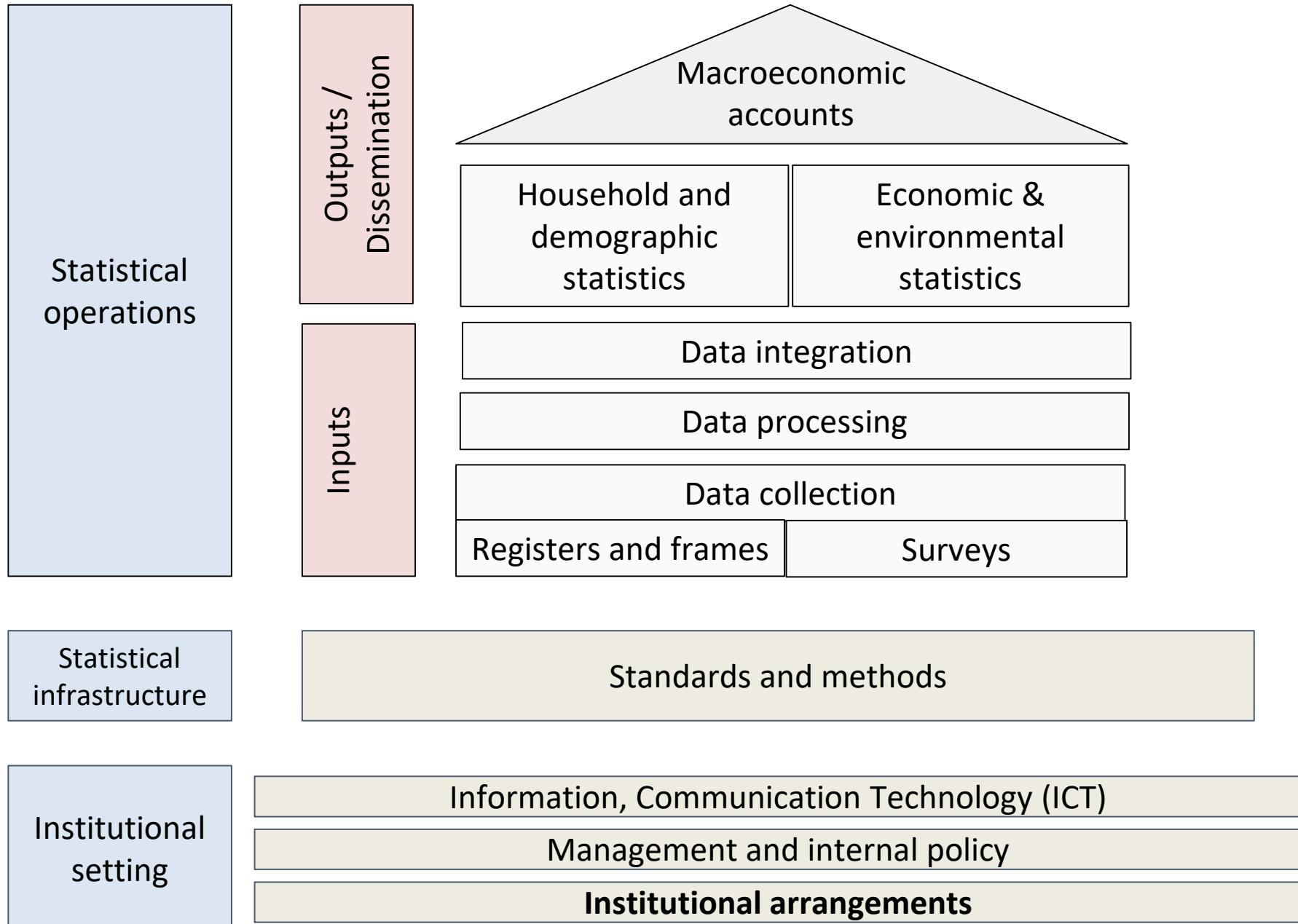
Community

Person

Business

Geo-Spatial integration

# Integrated statistics approach



# System's approach

- System of National Accounts
- System of Environmental-Economic Accounting
- Satellite Accounts
  - Education and Training
  - Tourism
  - Health
  - Transportation
- Multi-Country Global Value Chain Accounts

Tools to enable  
Global collaboration on Data innovation

UN Global Platform



# UN Global Platform Datasets

# Automatic Identification System (AIS)

- ◎ 40 Million Records / Day
- ◎ Ship Position / Movement
- ◎ 3 Months Trial
- ◎ Analysis via
  - Methods Service
  - Location (Stealth) Service
  - Jupyter Notebooks
  - APIs

## Satellite Imagery

- ◎ Open Data
  - Landsat
  - Sentinel
- ◎ Commercial
  - Planet (Trial)
  - Airbus (Trial)

# UN Global Platform - Update

- ◎ Trusted Methods Library/Service
  - <https://methods.officialstatistics.org>
- ◎ Earth Observation Service
  - <https://eo.officialstatistics.org>
- ◎ Location Analytics Service
  - <https://location.officialstatistics.org>
- ◎ Developers Service
  - <https://developers.officialstatistics.org>

## Projects:

- Satellite data for agricultural crop identification  
    → link to coastal eutrophication
- Satellite data for SDG 6.6.1
- AIS data for transport and CO2 emissions
- AIS data for Fishery Watch
- Open Street Map to calculate SDG 9.1.1

# Online Community

- Collaboration
- 200+ people in 14 timezones
- 4,000+ messages over last 30 days
- Algorithms, Data, Services, Methods, AIS, ADS-B, Cloud Vendors, Privacy Task Team, Task Teams
- Join (<http://bit.ly/join-ungp-slack>)

#UNGlobalPlatform

# Tools to enable Global collaboration on Data innovation

## UN Global Platform

- Access to Data
- Access to Technology services
- Access to Expertise
- Making use of Big Data possible for small offices

# UN Global Platform

**(under GWG and UN Statistical Commission)**

- National Statistical Offices
- International agencies
- Private sector, academia, civil society, donor community

Positum, Flowminder, UN Global Pulse, OneSoil, Sinergise, Azavea, Planet, Telenor, GSMA, Algorithmia, ...