



**unesco**

Institute for Statistics



TECHNICAL  
COOPERATION  
GROUP

**10<sup>th</sup> TCG MEETING**

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# Use of population data in calculating indicators



**2024 CONFERENCE ON  
EDUCATION DATA  
AND STATISTICS**

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# TCG 8 decisions

## **BOX 1. 8<sup>TH</sup> TCG decisions on the use of population data in indicator calculation**

1. Introduce the possibility for all countries to report population data as required by the UIS through:
  - a) adding a dedicated module where countries can report their national population estimates; and/or
  - b) expanding UIS tools for data collection.
2. Source national population statistics from national or regional publicly available data, according to countries' preferences. Where countries do not request the use of national data, UNPD data will be used by default.
3. In cases where authorities request the use of national population data and there are multiple sources of data, prioritize population estimates from national statistics offices or bureau of population census.

# Steps taken

## New module and processes to collect national population data

- Follows from OECD/Eurostat and UNPD templates and practices
- 58 countries submitted national data
- All submissions met the four quality criteria
- Only interested countries submitted
- UOE countries – national data collected and validated by OECD/Eurostat

DEM1: Total population by sex and age group

Country:

Reference year:

	Males	Females	Total males and females
Total: All age groups			
0 years			
1 years			
2 years			
3 years			
4 years			
5 years			
6 years			
7 years			
8 years			
9 years			
10 years			
11 years			
12 years			
13 years			
14 years			
15 years			
16 years			
17 years			
18 years			
19 years			
20 years			
21 years			
22 years			
23 years			
24 years			

Metadata

Are the metadata for this year the same as those of the previous year?

If 'No' please answer points 1., 2., and 3. below

1. Data source  
Please select one of the following:

Population census or register

Sample survey

Estimate (e.g. inter-censal, post-censal)

Other (please specify)

2. Data availability  
Are the reported data publicly available?

Please provide the specific web address of the data repository:

3. Coverage

a. Type of population count employed for the reported data:

Present population (de-facto)

Usually resident population

Registered population

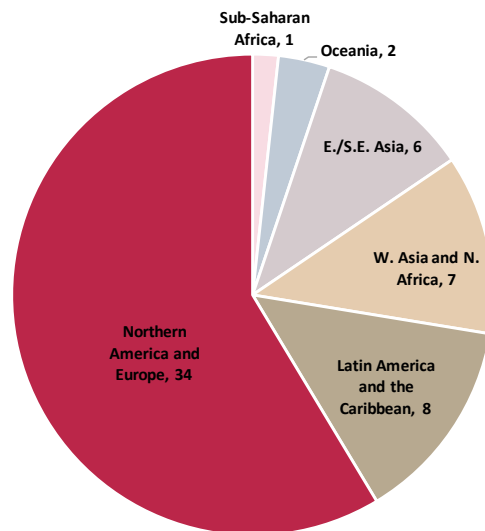
Other, please specify:

b. Approximately what proportion of the total national population is excluded or unenumerated?

Less than 1%

Between 1% and 5%

### Countries with national population data in UIS database



### Quality Assurance criteria – 2023 Data collection

Criteria	Assessment	
	Data	Metadata
1. A complete time series from 2000- 2022.	X	X
2. Complete sex and age disaggregated data for the 0-99 age population.	X	X
3. Data is compiled and disseminated by recognised international organisations, or is publicly available.		X
4. Adequate population coverage.		X

## Data collection

- Scale up to allow all countries – module to be integrated in Questionnaire A
- Updated data collection form to include additional metadata
- Visualize differences for countries to provide elements of answers

## Data validation

- Work with regional partners for additional layer of validation
- Systematic feedback to countries in case of large differences between UNPD and National population estimate
- Additional metadata in data browser and other dissemination outputs

## Indicators calculation

- Methodological paper on the use of heterogeneous population data sources to calculate education indicators
- Explore possibilities for improving the quality of aggregates
- Systematic documentation of indicators affected by population data

# Thank you

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