

ECE 6th Expert Meeting on
Statistics for SDGs, 5-6 May
2022

How ESCWA is Addressing Data Discrepancies

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Shared Prosperity Dignified Life



Content

- ◇ Activities
- ◇ Challenges
- ◇ Collaboration
- ◇ Tools

National Reporting Platforms

- ◆ Develop Regional hub for national SDG data
- ◆ Implement quality and time series checks
- ◆ Identify unavailable/irrelevant indicators
- ◆ Develop strategy for capacity development and data collection
- ◆ Review data flow and coordination

A regional hub for national official SDG data produced in consultation with countries.

*: In process



Algeria



Bahrain



*Comoros



*Djibouti



Egypt



Iraq



Jordan



Kuwait



Lebanon



Libya



*Mauritania



*Morocco



Oman



*Palestine



Qatar



Saudi Arabia



Somalia



Sudan



*Syria



*Tunisia



United Arab Emirates



Yemen

National Platforms: <https://arabsdgmonitor.unescwa.org/>

Main Data Challenges



Data Quality



Data Availability



Data Flow

Types of data discrepancies

Reported years

Data points availability between national and international sources

Data values between national and international sources

Data quality

Reported years

Case # 1: Reported years differ - start or end of a period?

There is no consensus among UN agencies on how to report on the year in a range;
start year or end year

Country: Algeria, MICS 2012-2013

Series	Year	Time-detail	Value (UN)	Source
2.2.2-Proportion of children moderately or severely wasted (FAO)	2012	2012-2013	4.1	MICS
3.1.2-Proportion of births attended by skilled health personnel (WHO)	2013	2012-2013	96.6	MICS

Case #2: Report year or survey year?

Somalia Report 2020

SHDS 2018-2019



Series	Year	Time-detail	UN	Country	Age
5.3.1 Married before 15	2019	2018-2019		16.7	20-24
5.3.1 Married before 15	2020	2018-2019	16.8		20-24
5.3.1 Married before 18	2019	2018-2019		35.4	20-24
5.3.1 Married before 18	2020	2018-2019	35.5		20-24
5.3.2 FGM	2019	2018-2019		99.2	15-49
5.3.2 FGM	2020	2018-2019	99.2		15-49

Case #3: Erroneous reporting of surveys' years

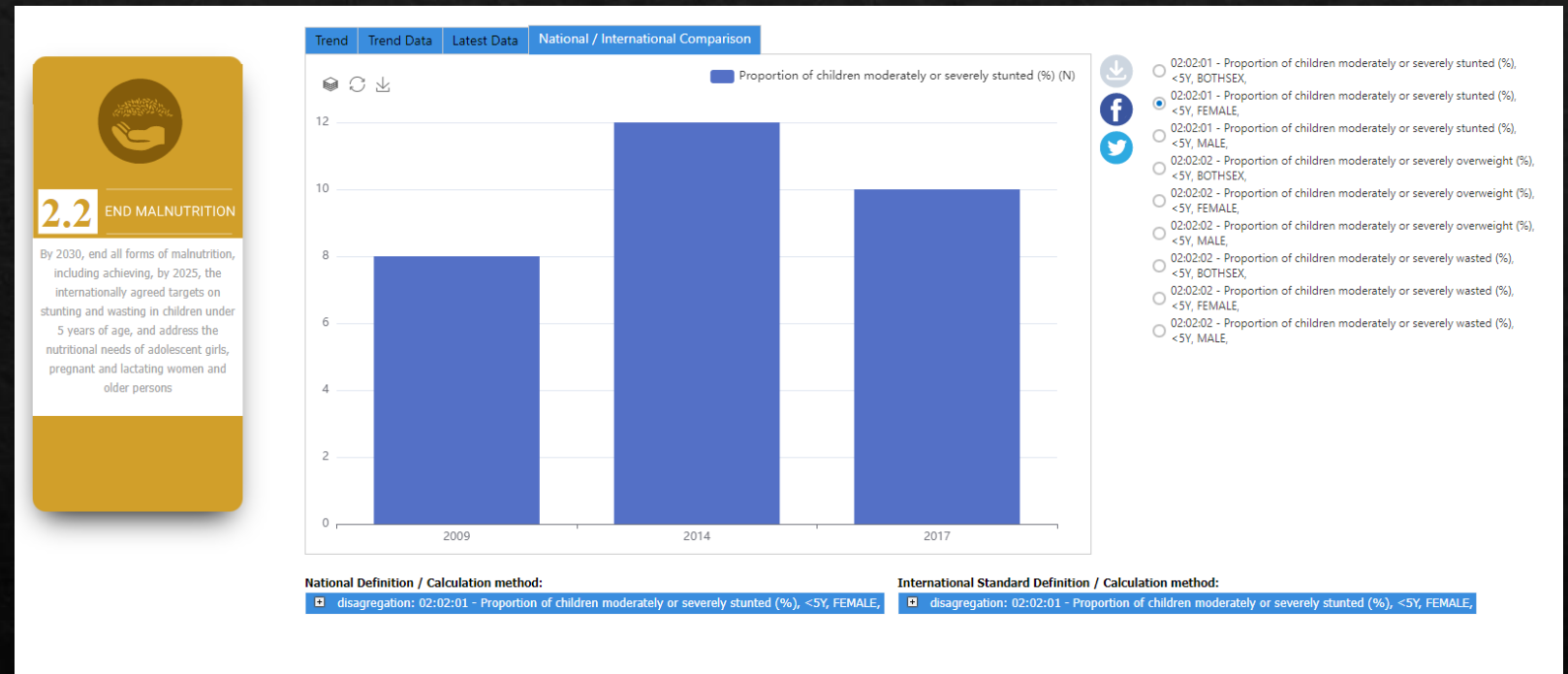
3.7.2-Adolescent birth rate

Country	Year	UN	Survey name
Algeria	2000	6	Algeria 2002 Enquête sur la santé de la famille
Algeria	2001	4.8	Algeria 2002 Enquête sur la santé de la famille
Algeria	2005	4.4	Algeria 2006 Multiple Indicator Cluster Survey
Algeria	2007	9	Algeria 2008 Census
Algeria	2017	12	Algeria 2018-2019 Multiple Indicator Cluster Survey
Libya	2000	5.7	Libya 2007 Family Health Survey
Libya	2005	5.1	Libya 2007 Family Health Survey
Libya	2013	10.9	Libya 2014 National Family Health Survey
Sudan	2007	64.9	Sudan 2008 Census
Sudan	2013	86.8	Sudan 2014 Multiple Indicator Cluster Survey

Data points availability between national and international sources

Disaggregated data not available at global level only available in totals

- 2.2.1 Proportion of children moderately or severely stunted, females
- Disaggregated data by sex available at the national level data but not at the Global level
- 2009 Nutrition survey
- 2014 MICs
- 2017 Nutrition survey



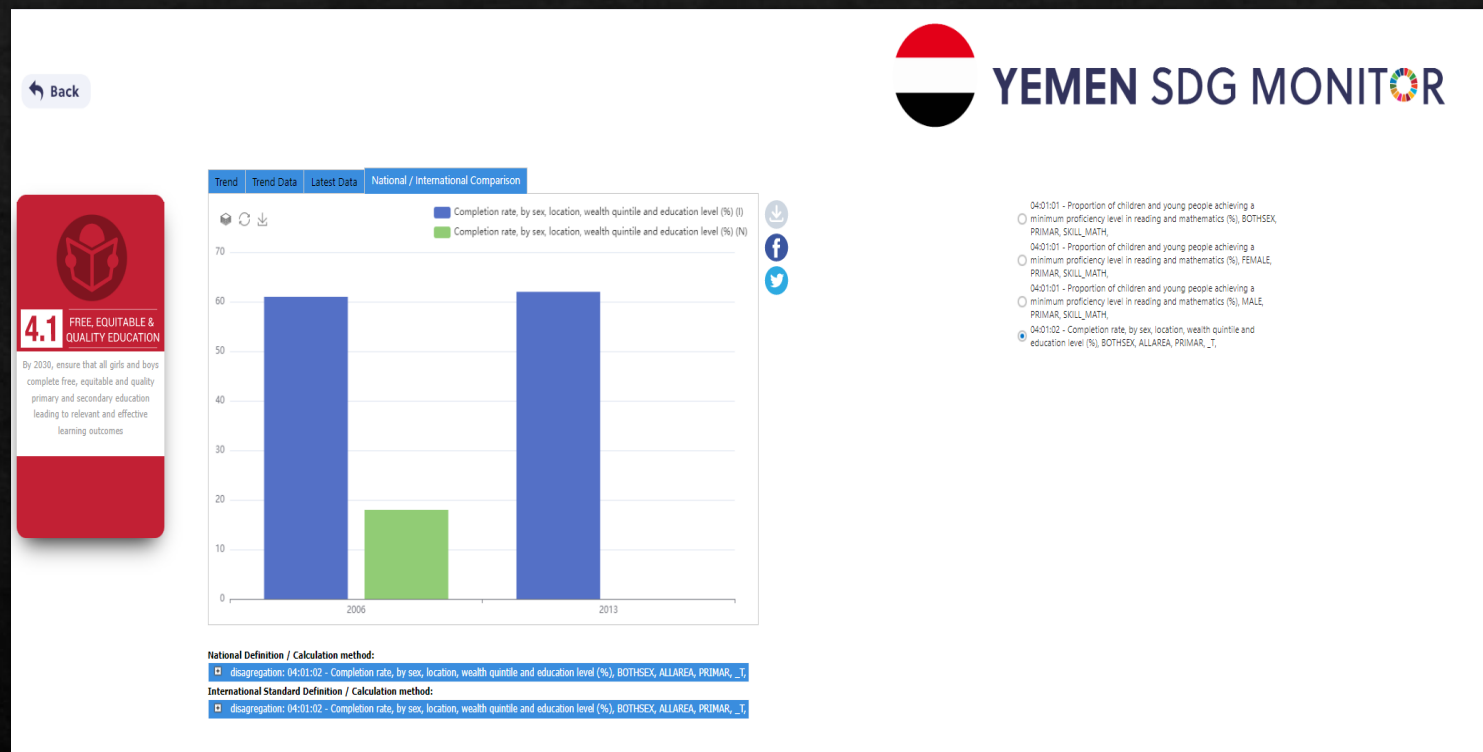
Discrepancy in data values between national and international sources

04:01:02 - Completion rate, by sex, location, wealth quintile and education level (%)

2006 Data discrepancy although both sources refer to same MICS

Data source UNSD is MICs but referring to school attendance

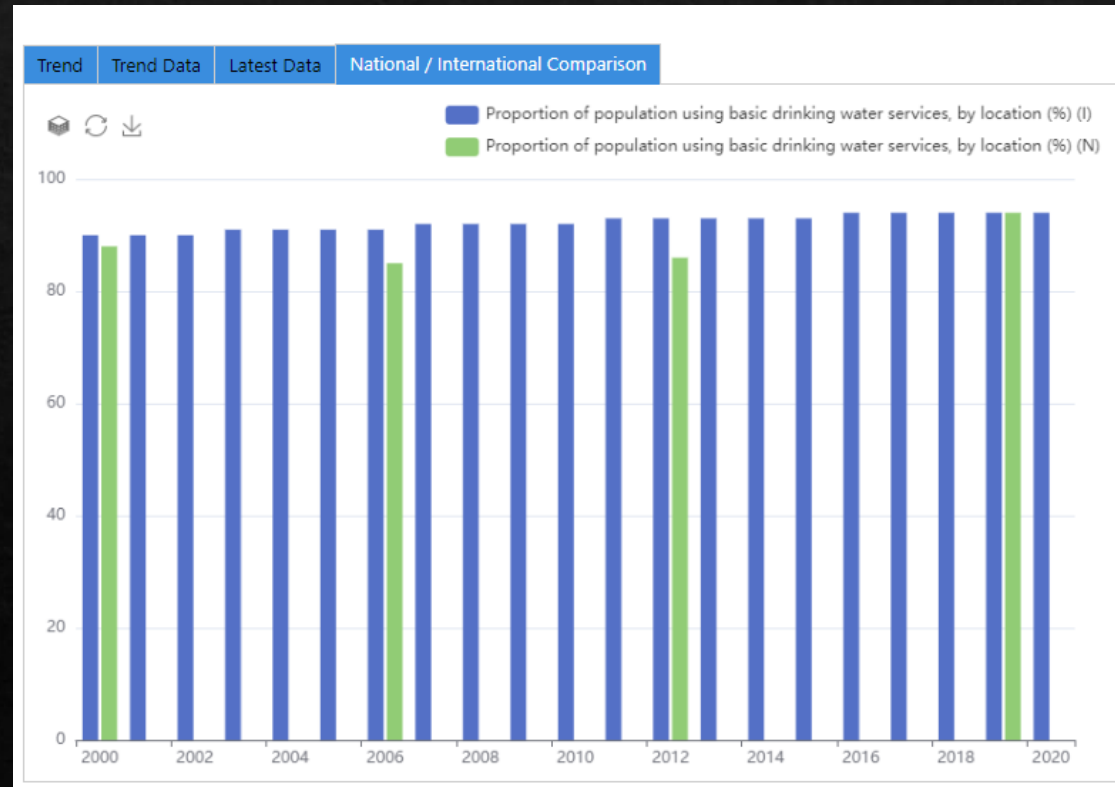
While national data is referring to completion rate



Same source discrepant values

1.4.1 - Proportion of population using basic drinking water services, by location (%), ALLAREA,

Algeria MICS





Data Quality

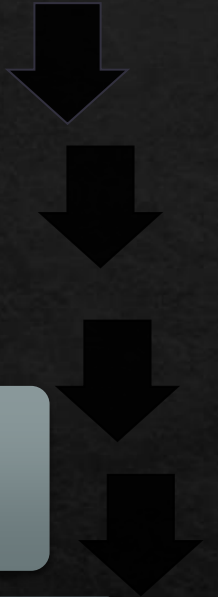
Incorrect method of calculation

Use of unrecommended source
of data as per SDG metadata

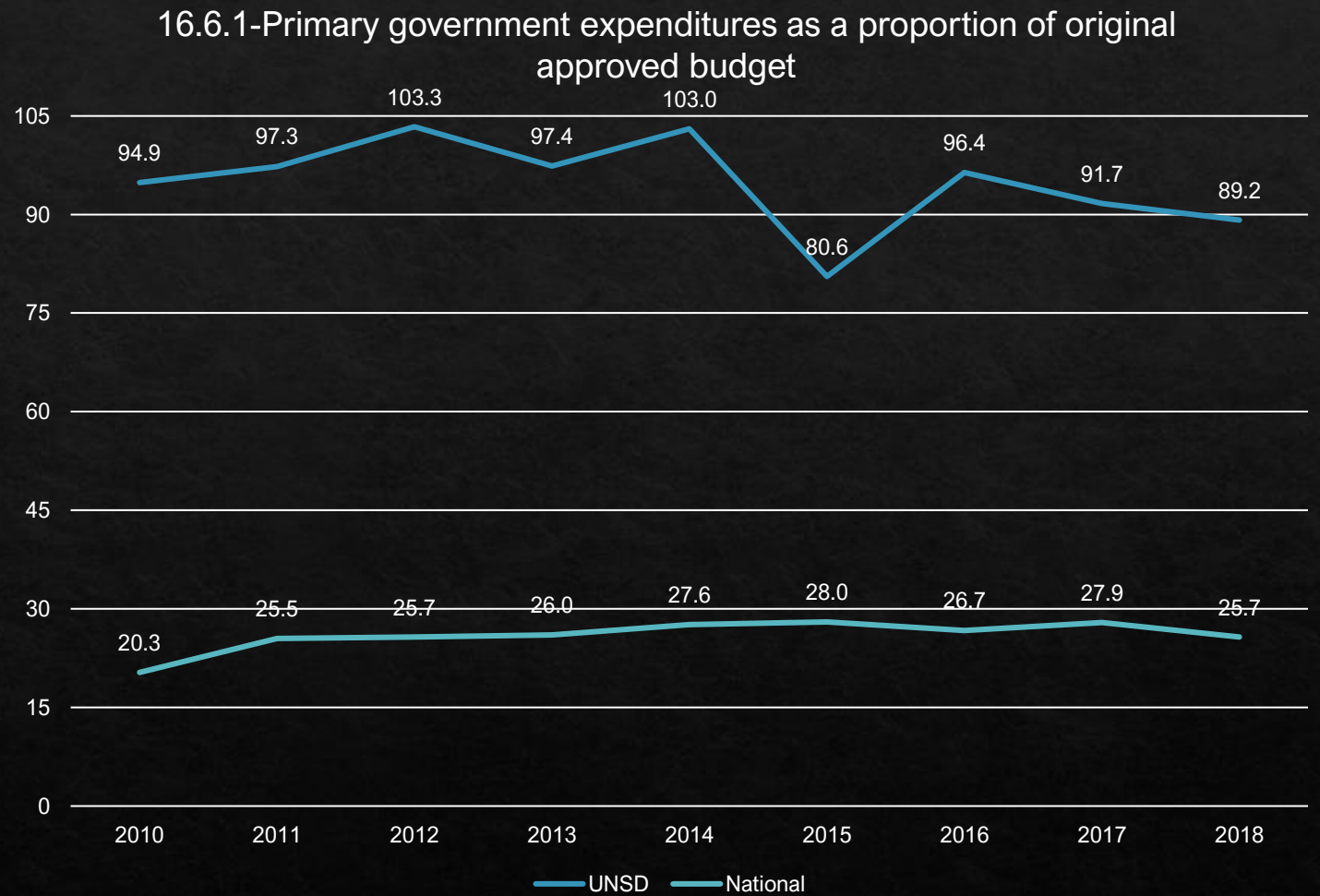
Different units

Different age group
disaggregation

Incorrect citation of indicator



Example
Incorrect citation of indicator



Country Collaboration

2020 to 2022

- ◆ Bilateral meetings with NSOs to improve the production and dissemination of SDG data

125 bilateral meetings
16 Arab countries

- improve data quality
- increase SDG data availability
- enhance coordination of data flow in NSSs

UN Collaboration

- ◆ Series of webinars on SDG indicators

April 2021 to July 2022

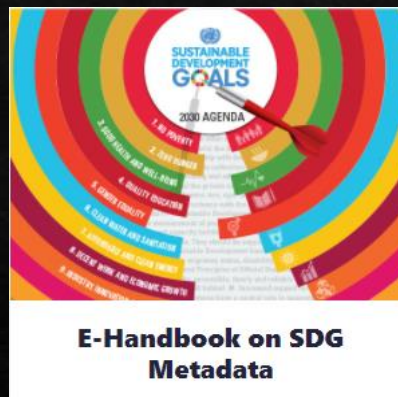
118 indicators
48 Webinars
19 UN Agencies

- ◆ Interagency collaboration to improve the production and dissemination of data on Sustainable Development Goal indicators

- not / less reported
- less understood
- more estimated

Data - Tools

SDG Standards & reporting mode



Mapping availability



Content validation

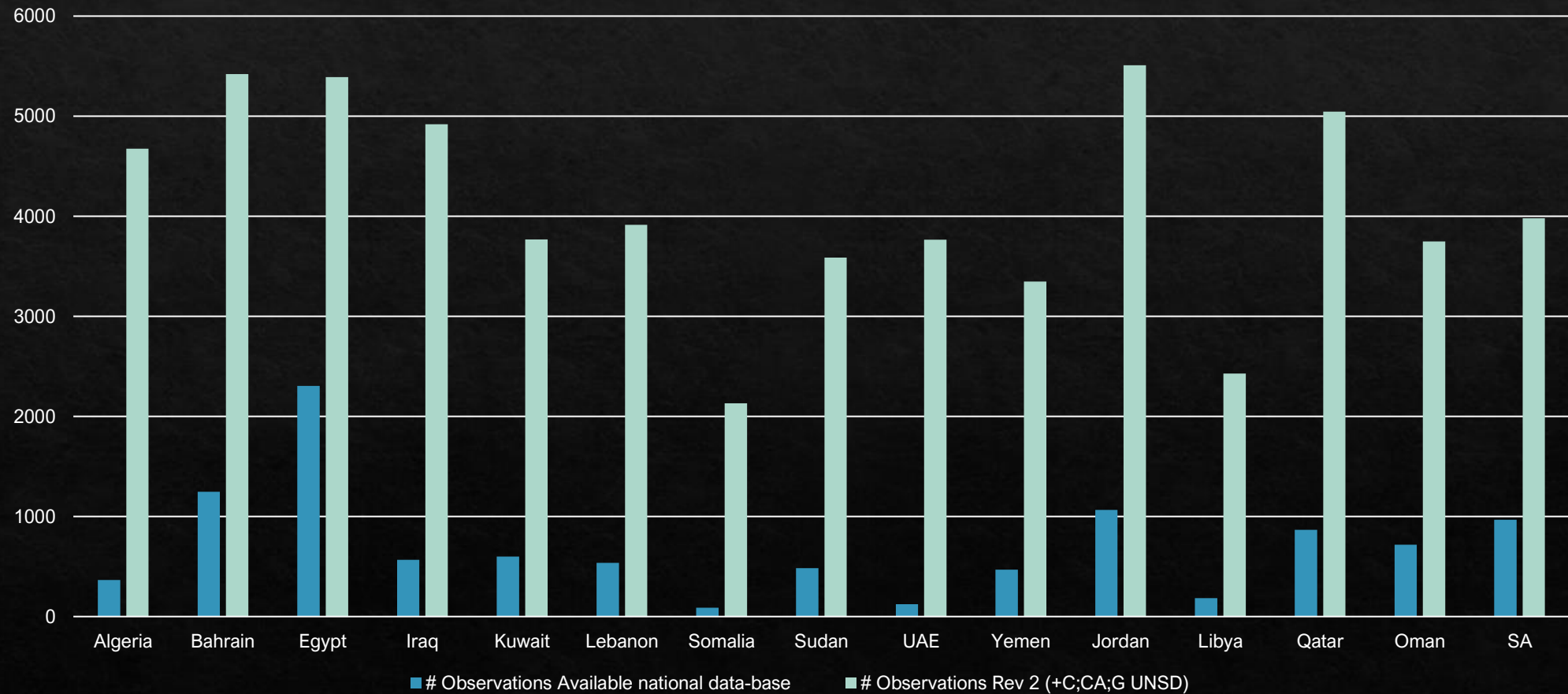


Identify and reconcile data discrepancies

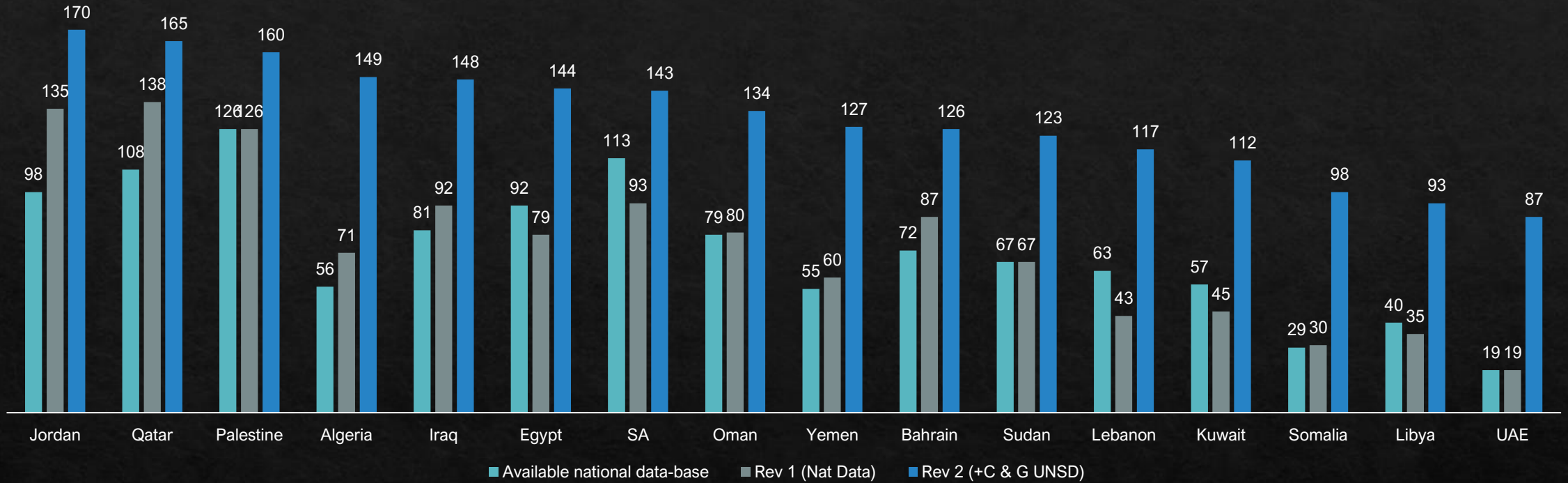




Availability Impact on National Data



SDG Indicator Increase by Revision



Impact increase on indicators

✓ Data Flow – Tools

- ◇ Matrix of Regional SDG Data Providers
- ◇ ESCWA in collaboration with the Custodian Agencies of SDG indicators and NSOs
 - ◇ 24 agencies
 - ◇ 80 indicators

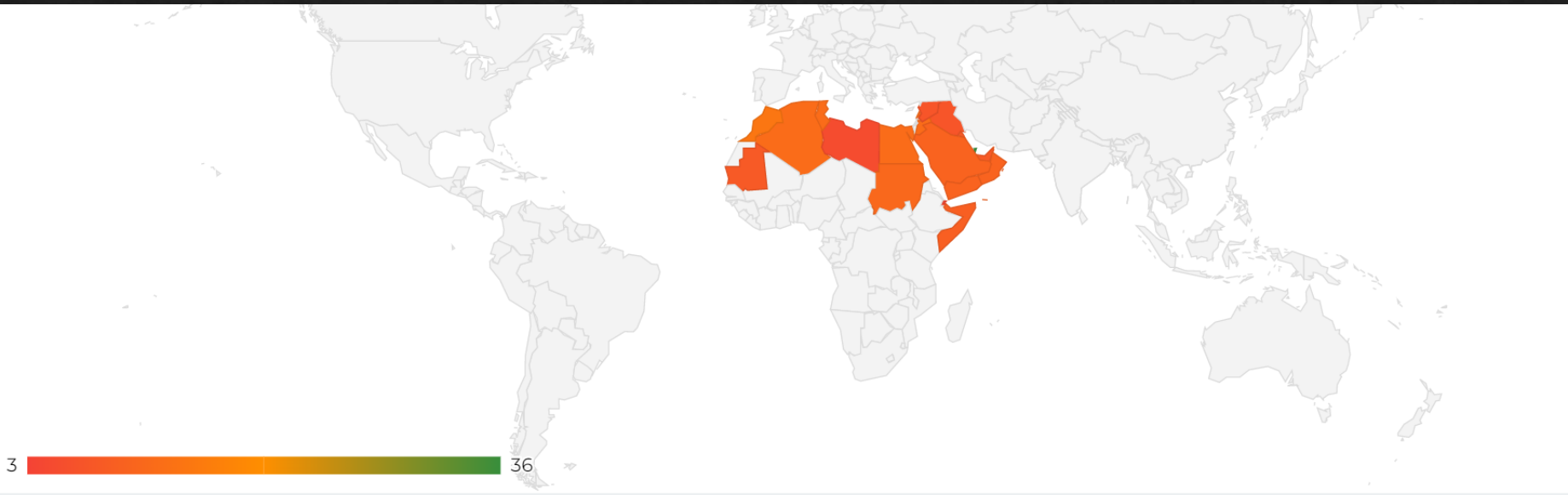
Guidance to improve data flow and establish a national network of data providers and data reporting in each country

SDG Data Providers



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MAIN DATA PROVIDER

MAIN DATA PROVIDER
50

INDICATORS

INDICATORS
88

To export filtered data click on : dots below

#	COUNTRY	INDICATOR	MAIN DATA PROVIDER	MAIN DATA TECHNICAL EXPERT	TEAM MEMBERS OF TECHNICAL EXPERT	NSO EXPERTS	CUSTODIAN AGENCIES FOCAL POINTS
1	Algeria	1.5.1 Number of deaths, missing persons and directly affected persons attributed to disasters per 100,000 population	National Disaster Agency	Name: Hamid Afra Title: Institution: High National School of Public Works, Algiers Email: afra_hamid@yahoo.com Telephone: +213 21 496 205.	Name: Title: Institution: Email: Telephone: Mobile:	Name: Dalila Hached Title: Point focal des ODD Agency: Office National des Statistiques Email: dalila_hached@yahoo.fr Name: Samira Behloul Title: Point focal suppléante des ODD Agency: Office National des Statistiques Email: samirastat@hotmail.fr; bahloul@ons.dz; Telephone: +213-552435232 ; +213-797388545	Name: Animesh Kumar Title: Head Agency: UNDRR Email: animesh.kumar@un.org Telephone: +49 228 815 0300 Name: Galimira (Mira) Markova Agency: UNDRR Email: galimira.markova@un.org Name: Rahul Sengupta Title: Programme Management Officer Agency: UNDRR Email: sengupta@un.org
2	Algeria	1.5.2 Direct economic loss attributed to disasters in relation to global gross domestic product (GDP)	NSO and National Disaster Agency	Name: Hamid Afra Title: Institution: High National School of Public Works, Algiers Email: afra_hamid@yahoo.com Telephone: +213 21 496 205.	Name: Title: Institution: Email: Telephone: Mobile:	Name: Dalila Hached Title: Point focal des ODD Agency: Office National des Statistiques Email: dalila_hached@yahoo.fr Name: Samira Behloul Title: Point focal suppléante des ODD	Name: Animesh Kumar Title: Head Agency: UNDRR Email: animesh.kumar@un.org Telephone: +49 228 815 0300 Name: Galimira (Mira) Markova Agency: UNDRR

Way Forward

- ◇ Continue collaboration at the global and national levels
 - ◇ improve the quality and availability of data
 - ◇ enhance coordination to improve data flow
 - ◇ reconcile discrepancies between sources
 - ◇ disseminate timely data at both national and global levels

Thank you for listening

