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

> How ESCWA is Addressing Data Discrepancies

> > Shared Prosperity Dignified

Neda Jafar

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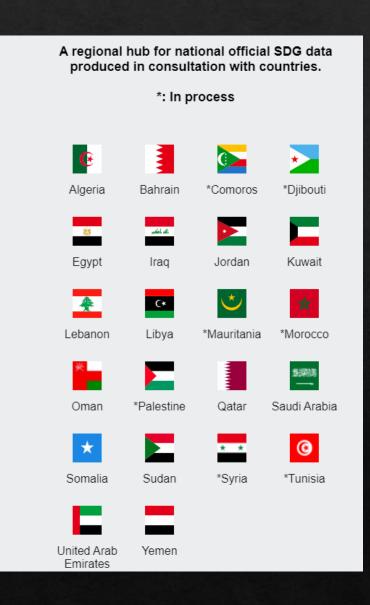


Content

- Activities
- ♦ Challenges
- ♦ Collaboration

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



Main Data Challenges



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

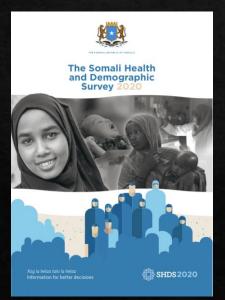
Country: Algeria, MICS 2012-2013

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 <mark>-</mark> 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

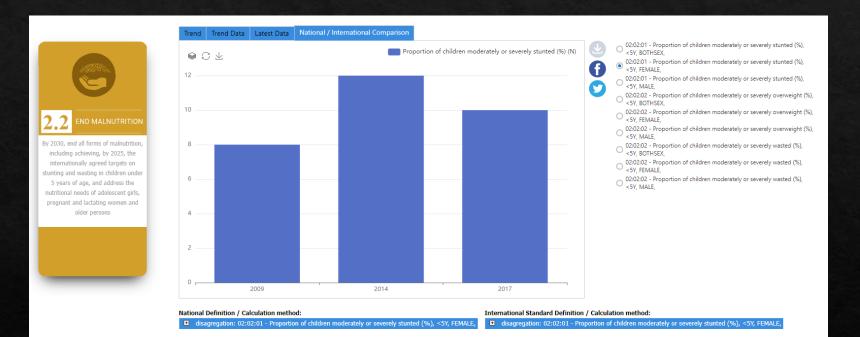
Country	Year	UN	Survey name
Algeria	<mark>2000</mark>	6	Algeria 2002 Enquête sur la santé de la famille
Algeria	<mark>2001</mark>	4.8	Algeria 2002 Enquête sur la santé de la famille
Algeria	<mark>2005</mark>	4.4	Algeria 2006 Multiple Indicator Cluster Survey
Algeria	<mark>2007</mark>	9	Algeria <mark>2008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



YEMEN SDG MONITOR

G41011 - Poportion of children and young people arbiering a
 minimum profective live in reading and mathematics (Bi, B01H5EX,
 PRIMAS, SULL, MATH,
 G40101 - Proportion of children and young people arbiering a
 minimum profectively live lin reading and mathematics (Bi, PRIALE,
 PRIALS, SULL, MATH,
 Z40101 - Proportion of children and young people arbiering a
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 Yaeu, location, weath quintile and
 dicutation well (Bi) SOTHSEX, ALLARS, PMIAMAS, T,

National Definition / Cakulation method:

International Standard Definition / Cakulation nethod:

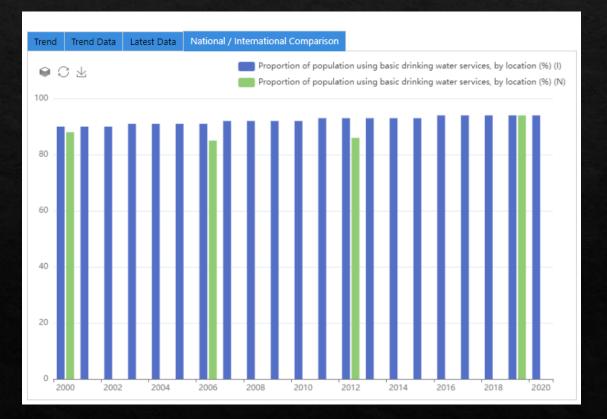
International Standard Definition / Cakulation method:

International Standard Definition / Cakulat

Same source discrepant values

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

Algeria MICS





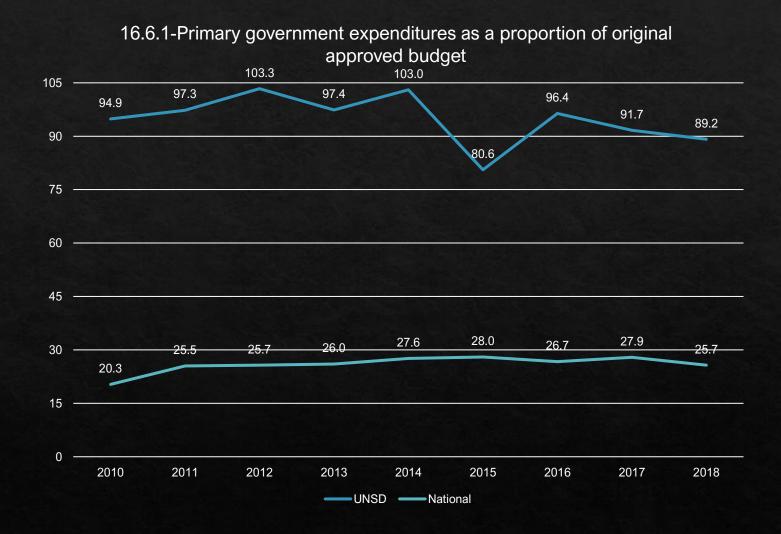
Incorrect method of calculation

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

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

2020 to 2022

125 bilateral meetings16 Arab countries

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

UN Collaboration

 Series of webinars on SDG indicators

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

April 2021 to July 2022

- 118 indicators48 Webinars19 UN Agencies
- not / less reported
- less understood
- more estimated

https://www.unescwa.org/events/series-webinars-sustainable-development-goal-indicators



SDG Standards & reporting mode



SDG Data Collection Tool



E-Handbook on SDG Metadata

Mapping availability

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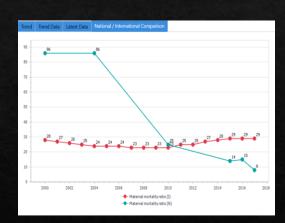
Arab Register of Censuses and Surveys

Content validation



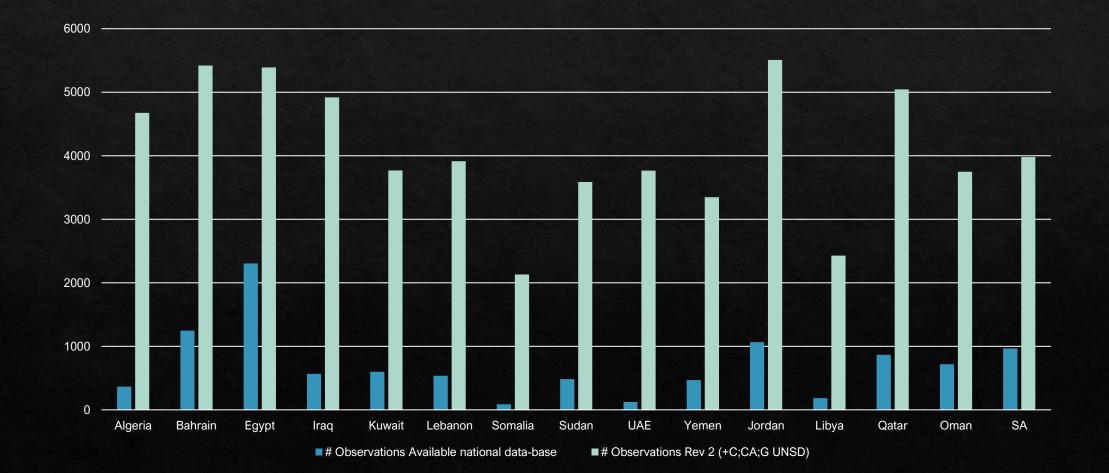


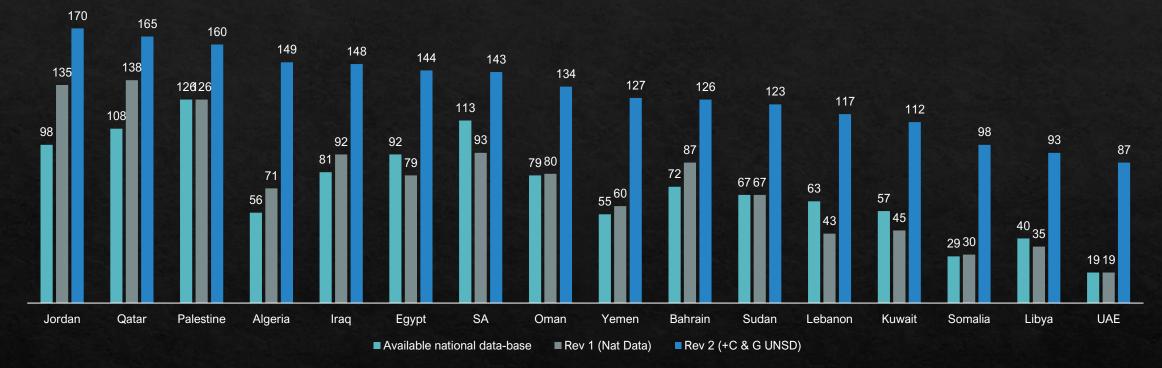
Identify and reconcile data discrepancies



http://arabsdggateway.unescwa.org/

Availability Impact on National Data





SDG Indicator Increase by Revision

Impact increase on indicators

Data Flow – Country/Agency Collaboration

- Officially nominated trained and reporting directly to UN agencies
- NSOs are not aware of the officially nominated focal points
- Country Data available in UNSD SDG db but not in national SDG reports/dashboards
- List focal points not updated and incomplete
- Focal points of expertise do not align with recommended sources
- Many national data are discrepant from those reported to agencies

	3.6.1 Death rate due to road traffic injuries			2.a.1 The agriculture orientation index for government expenditure			2.5.1b Number of animal genetic resources for food and agriculture secured in either medium- or long- term conservation facilities and		
		Every 3 years			Yearly			Yearly	
Country	FP	last reported year	VNR	FP	Last reported year	VNR	FP	Last reported year	VNR
Algeria					2009				
Bahrain		2016	Different		2018	Almost equal			
Comoros								2020	
Djibouti								2020	
Egypt		2016	Almost equal		2017	Almost equal			
Iraq								2020	
Jordan					2019				
Kuwait		2016	Different		2015				
Lebanon					2019			2020	
Libya									
Mauritania					2012			2019	
Morocco									
Oman		2016	Almost equal		2018			2019	
Palestine					2018	Almost equal			
Qatar		2016	Equal		2005				
Saudi Arabia					2019				
Somalia					2019				
Sudan					2018			2020	
Syria									
Tunisia					2012			2020	
UAE					2018				
Yemen								2021	



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

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

- ♦ 80 indicators





To export filtered data click on : dots below

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#@		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: Animesh Kumar Title: Head Agency: UNDRR Email: animesh.kumar@un.org Telephone: +49 228 815 0300
						Name: Samira Behloul Title: Point focal suppléante des ODD Agency: Office National des Statistiques	Name: Galimira (Mira) Markova Agency: UNDRR Email: galimira.markova@un.org
						Email: samirastat@hotmail.fr; bahloul@ons.dz; Telephone: +213-552435232 ; +213- 797388545	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: Animesh Kumar Title: Head Agency: UNDRR Email: animesh.kumar@un.org Telephone: +49 228 815 0300
				Telephone. 1213 21 450 203.	Mobile.	Name: Samira Behloul Title: Point focal suppléante des ODD	Name: Galimira (Mira) Markova Agency: UNDRR

https://datastudio.google.com/reporting/18596348-7daf-4f4f-9887-180255e29f21/page/FW7

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

