

WG Data Collection Tools for Data Disaggregation



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Objectives of the UNCRPD and the SDG's and Implications for Data

UNCRPD

Goal: Full participation of persons with disabilities

Role of Data: The information ... shall be disaggregated, as appropriate, and used to help assess the implementation of States Parties' obligations ... to identify and address the barriers faced by persons with disabilities in exercising their rights.

SDGs

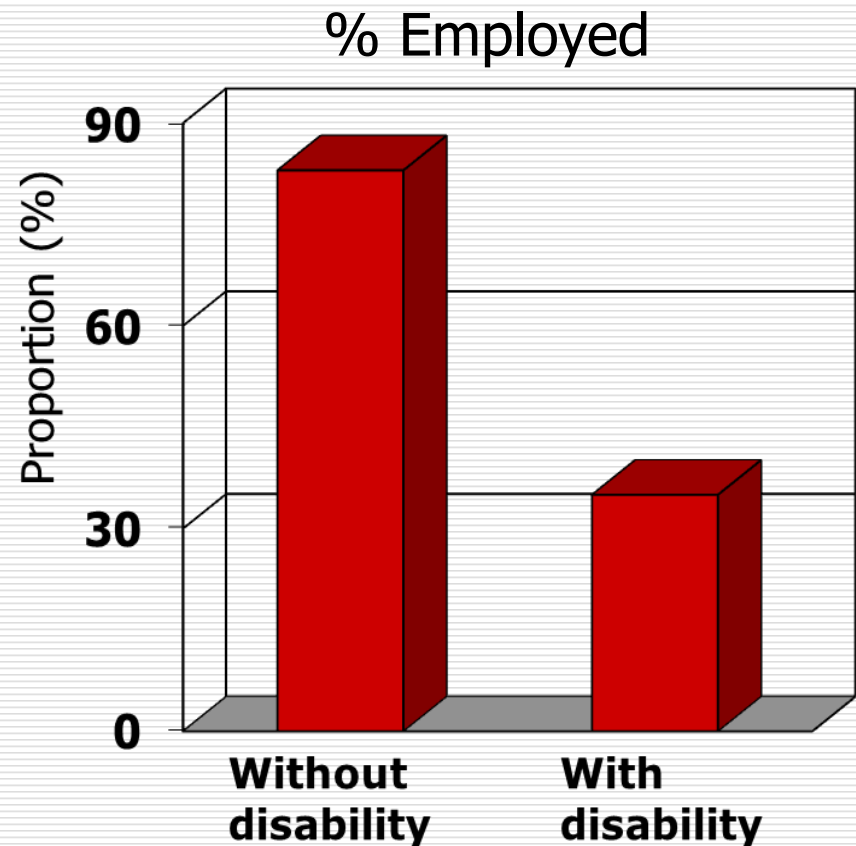
Goal: No one left behind

Role of Data: Disaggregation of key outcome indicators

How is progress measured?

Analysis of disaggregated data can provide evidence that UNCRPD and SDG objectives have been met – or not:

- If bars are at equal height – objectives met.
- If bars are not at equal height – objectives not met.



Monitoring the UN CRPD and SDGs through data disaggregation

WG questions fulfil two specific data needs:

- to describe disability data as a **continuum** of functioning based on graded responses to questions in the functional domains, and
- to define a dichotomy based on a **cut-off** (or a set of cut-offs) that can be agreed upon internationally in order to disaggregate outcome indicators (e.g. access to education, employment) by disability status.

The latter allows for the calculation of prevalence rates and disaggregation.

WG Data Collection Tools: Short Set*

- 1) Do you have difficulty **seeing** even if wearing glasses?
- 2) Do you have difficulty **hearing** even if using a hearing aid?
- 3) Do you have difficulty **walking** or **climbing** stairs?
- 4) Do you have difficulty **remembering** or **concentrating**?
- 5) Do you have difficulty with (**self-care** such as) washing all over or dressing?
- 6) Using your usual language, do you have difficulty **communicating** (for example understanding or being understood by others)?

Response categories:

No difficulty; Yes, some difficulty; Yes, a lot of difficulty;
Cannot do at all

*Ages 5 and older

Informing Policy and Program

If the WG question sets are incorporated into any ongoing data collections the following is obtained:

Prevalence of functional difficulties for the total population and for population subgroups at different levels of severity for:

- each of the 6 core domains
- different combinations of the 6 core domains
- a (set of) disability indicator(s) across the 6 core domains

The **disaggregation** of participation outcomes by disability status using internationally agreed upon definitions.

Mainstreaming Disability Statistics

- Identify which data collection systems will be used for monitoring population-based UNCRPD and SDG indicators.
- Include a standard set of questions to create a disability indicator in each of these data collection systems.
- Once the questions become integrated into core statistical systems core information on disability becomes available for use by all government agencies and civil society.

Determination of disability status

The WG defined an approach to measuring disability based on identifying those who:

- because of **difficulties** doing certain **universal, basic actions**,
- are at greater **risk** than the general population
- for **limitations in participation**.

This approach minimizes stigma, reduces respondent burden, maximizes the consistency of the response process

WG: Objective

- To provide cross-nationally comparable data
- To be used as part of national population surveys or in addition to specific surveys (e.g., health, education, etc.)

Disaggregating SDG Indicators by Disability Status

Data Disaggregated by Disability Status

Requests for disaggregated SDG data for 13 selected indicators were sent to 146 member countries (table shells provided). Responses to the data request were as follows:

- 48 countries responded
- 39 provided data
- the 9 countries that did not provide data/tables stated that: they were either unable to provide data/tables (3), were expecting data later this year (4), were awaiting the 2020 census (1), or had collected data from administrative records only (1)
- 19 of the 39 countries that provided data used the WG-SS (4 provided only prevalence data using the WG-SS; disaggregated tables used other means of disability measurement)

Countries providing data

Afghanistan	Finland	New Zealand
Argentina	Hong Kong, China	Palestine
Armenia	Iran*	Peru
Australia	Israel	Poland
Austria	Italy	South Africa
Belarus	Jamaica	Spain
Bosnia & Herzegovina	Kenya [†]	Sri Lanka
Canada	Kosovo	Sweden
Colombia	Latvia	Trinidad & Tobago
Costa Rica	Lithuania	Turkey
Croatia	Malta	United States
Dominican Republic	Mexico	Yemen
Egypt	Myanmar	Zimbabwe [†]

Legend: **Not WG** / **WG** / **Both**

*Register data only [†]Data from UNSD data disaggregation request [‡]Tables from Report of 2009 Census

A note on timing...

- With the exception of Palestine (2007), Jamaica (2011) and Trinidad & Tobago (2011), countries that reported using WG in whole or in part (19 countries) carried out their census/survey in the period 2014-17.
- Countries not using the WG-SS (20 countries) tended to have slightly older data (in 10 cases pre-2014)

Tables requested

		Number of countries providing data
Disability Prevalence	Disability status by Domain of difficulty, age and sex for population 5 years and over	31
SDG 1.2.1	Poverty status disaggregated by Disability status and Sex for population 15 years and older	13
SDG 2.2.1	Prevalence of Stunting disaggregated by Disability status and Sex for population 2-4 years of age	1
SDG 2.2.2	Malnutrition/wasting disaggregated by Disability status and Sex for population 2-4 years of age	1
SDG 3.1.2	Births attended by skilled health personnel disaggregated by Disability status of mother and Age for Female population 15-49 years	3
SDG 3.7.1	Family Planning Coverage disaggregated by Disability status & Age for Female population 15-49 years	1
SDG 3.a.1	Tobacco Use disaggregated by Disability status and Sex for population 15 years and older	11

Tables requested (cont.)

		Number of countries providing data
SDG 3.8.1	Health Insurance Coverage disaggregated by Disability status & sex for population years and older	11
SDG 4.1.x	School completion rates disaggregated by Disability status and sex for relevantly aged population	8
SDG 4.5.x	University completion rates disaggregated by Disability status & sex for relevantly aged population	17
SDG 5.b.1	Access to ICT disaggregated by Disability status and Sex for population 15 years and older	5
SDG 6.1.1	Access to safe drinking water disaggregated by Disability status & Sex for population 15 years & older	7
SDG 7.1.1	Access to electricity disaggregated by Disability status and Sex for population 15 years and older	9
SDG 8.5.2	Employment status disaggregated by Disability status and Sex for population 15-64 years	24

SDG 1.2.1: Poverty Status

	Poverty status					
	Total		Males		Females	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
Country						
Argentina²	9.9	10.1	10.2	11.4	9.6	9.1
Armenia	28.3	29.0	26.9	32.3	29.3	25.7
Bosnia & Herzegovina	15.8	23.7	16.0	25.1	15.7	22.7
Canada³	17.5	33.9	15.7	27.4	19.4	39.4
Costa Rica	15.3	16.2	14.2	16.3	16.4	16.0
Finland⁴	11.3	22.4	10.6	21.2	11.9	23.5
Hong Kong, China	12.6	29.9	11.9	31.7	13.2	28.5
Latvia: 16 years and above	21.2	39.7	18.9	29.2	23.1	45.9
Lithuania: 16 years and above	17.1	31.8	16.6	27.5	17.6	34.4
Malta: 16 years and above	15.1	29.8	14.4	34.5	15.8	24.6
Mexico	39.6	48.8	38.7	49.0	40.5	48.6
South Africa	47.4	78.4	44.9	76.1	49.9	80.1
Yemen	44.4	52.7	44.2	55.6	44.6	49.7

SDG 3.a.1: Tobacco Use

Country	Currently using tobacco ³					
	Total		Males		Females	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
Australia	14.2	17.7	17.0	20.1	11.3	15.4
Canada	20.0	33.4	22.7	36.4	17.4	30.2
Finland : 29 years +	16.0	23.5	18.2	26.4	13.9	20.7
Italy	20.7	13.4	25.5	15.7	16.0	11.4
Latvia	30.5	20.9	43.6	37.6	19.7	10.4
Lithuania	14.4	5.8	24.0	9.6	6.5	2.7
Poland	23.3	16.8	29.1	24.8	17.9	11.6
Sweden ⁴ : 16 years +	21.5	23.6	29.5	31.3	13.4	16.4
Turkey	32.4	22.1	45.1	37.0	18.3	14.4
USA : 18 years +	13.3	19.6	15.5	22.2	11.1	17.5
Yemen : 6 years +	18.7	20.8	30.1	32.0	8.4	9.3

SDG 5.b.1: Access to ICT

Country	Access to ICT					
	Total		Male		Female	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
	Argentina	90.5	78.6	90.5	79.2	90.5
Egypt	75.9	43.0	82.6	52.0	68.9	32.7
South Africa	95.2	92.1	94.8	91.5	95.6	92.4
Trinidad & Tobago	88.4	61.8	88.2	62.0	88.6	61.6
Yemen	81.6	76.9	83.4	75.2	67.8	78.9

SDG 5.b.1: Access to Safe Drinking Water

Country	Access to safe drinking water					
	Total		Male		Female	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
Argentina	83.9	82.7	83.1	80.9	84.7	84.1
Armenia	97.8	95.9	97.9	96.0	97.8	95.9
Costa Rica	93.6	92.5	93.1	91.2	94.0	93.7
Mexico	93.4	92.6	93.2	92.2	93.6	93.1
Peru	82.8	85.2	82.1	83.6	83.4	86.5
South Africa	84.3	82.0	84.6	82.9	84.0	81.5
Yemen	63.0	59.4	63.3	59.5	60.9	59.3

SDG 8.5.2: Employment Status

	Employment status % working					
	Total		Males		Females	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
Country						
Afghanistan	77.2	63.6	82.7	71.5	60.4	42.5
Argentina	72.2	63.5	84.2	75.3	60.6	53.4
Armenia	53.5	31.1	62.2	35.3	46.4	26.3
Australia	94.8	90.1	94.6	88.5	94.9	91.5
Belarus	94.1	92.2	92.5	93.6	95.8	90.1
Canada	75.6	50.2	78.4	51.6	72.6	49.1
Costa Rica	96.6	96.1	96.4	95.6	96.9	97.0
Dominican Republic	62.4	36.6	77.5	48.7	47.5	24.0
Finland	74.8	35.4	77.0	37.7	72.7	33.2
Hong Kong, China: age 15+	63.6	13.7	71.0	17.3	52.9	11.0
Israel: 20-64 years of age	78.3	45.5	85.4	50.6	72.2	39.8
Italy	79.5	70.4	80.3	70.0	78.3	70.8

SDG 8.5.2: Employment Status

	Employment status % working					
	Total		Males		Females	
	Without disability	With disability	Without disability	With disability	Without disability	With disability
Country						
Latvia : 16-64 years	91.0	83.6	90.1	79.9	92.0	87.4
Mexico	65.0	51.1	82.8	63.7	48.4	39.8
New Zealand	77.3	39.3	82.4	41.5	72.3	37.2
Palestine	81.5	76.5	81.3	76.1	82.7	80.6
Poland	89.3	82.2	90.3	82.9	88.1	81.6
Spain : 16-64 years	89.4	79.7	91.4	82.8	86.6	76.0
Sri Lanka	92.9	97.6	94.2	97.8	90.1	97.0
Sweden : 16-64 years	74.4	63.0	76.4	66.5	72.2	59.6
Trinidad & Tobago ²	59.6	15.8	69.4	18.1	49.7	13.0
Turkey	48.0	28.2	67.6	45.5	26.5	19.4
USA : 18-64 years	73.5	30.8	79.5	34.8	67.9	27.1
Yemen	81.8	67.8	84.3	62.5	75.4	82.0

Questions and Discussion
