Disability Data: WHO’s perspective

Alarcos Cieza, MSc, MPH, PhD
World Health Organization, Geneva
2001
Health
(health conditions & impairments)

Disability
(physical, social, attitudinal and political)
Disability has been assessed as …

… decrements of health

Commonly used questions:
Because of your health, how much difficulty do you have with …

WHO - World Health Surveys
WHS 2002

WHO Study on global AGEing and adult health (SAGE)

World Health Surveys in > 70 countries
CONVENTION on the RIGHTS of PERSONS with DISABILITIES

Over 1 BILLION people globally experience disability
1. Improving access to health services

2. Strengthening rehabilitation, assistive technology, support services, and community-based rehabilitation

3. Strengthen collection of disability data and research
Sustainable Development Agenda

1. NO POVERTY
2. NO HUNGER
3. GOOD HEALTH
4. QUALITY EDUCATION
5. GENDER EQUALITY
6. CLEAN WATER AND SANITATION
7. CLEAN ENERGY
8. GOOD JOBS AND ECONOMIC GROWTH
9. INNOVATION AND INFRASTRUCTURE
10. REDUCED INEQUALITIES
11. SUSTAINABLE CITIES AND COMMUNITIES
12. RESPONSIBLE CONSUMPTION
13. PROTECT THE PLANET
14. LIFE BELOW WATER
15. LIFE ON LAND
16. PEACE AND JUSTICE
17. PARTNERSHIPS FOR THE GOALS

For Sustainable Development
Goal 3

Ensure healthy lives and promote well-being for ALL at ALL ages
Infectious diseases

NCD

Injuries

ageing

disability

Infectious diseases
World population on the disability continuum
<table>
<thead>
<tr>
<th>Question</th>
<th>1</th>
<th>2</th>
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<th>4</th>
<th>5</th>
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</thead>
<tbody>
<tr>
<td>seeing things at a distance [without glasses]?</td>
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<td>hearing [without hearing aids]?</td>
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<td>walking or climbing steps?</td>
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<td>remembering or concentrating?</td>
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<td>washing all over or dressing?</td>
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<td>sleeping?</td>
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<td>doing household tasks?</td>
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<td>joining community activities?</td>
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<td>feeling sad, low, worried or anxious?</td>
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<td>getting along with people who are close to you?</td>
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<td>How much bodily aches or pain do you have?</td>
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</table>
1. Improving access to health services
2. Strengthening rehabilitation, assistive technology, support services, and community-based rehabilitation
3. **Strengthen collection of disability data and research**
Disability as decrements of health

The outcome of the interaction with the environment
Model Disability Survey
Core modules

- Environment
- Outcome of the interaction
- Decrement of health

Additional modules:

- Socio-demographic
- Work history & benefits
- Health care utilization
- Well-being
- Empower-ment
VERSION ZERO (Dec 2012)

Expert meeting - 5th Dec 2012

ALPHA VERSION

Expert appraisal Norway - March 2013

First revised Alpha version (March 2013)

Expert Meeting - 29-30 April 2013

Second Revision of the Alpha Version (May 2013)

1st Round of Cognitive Testing

Revised Alpha version - 1st round cognitive testing (Oct 2013)

2nd Round of Cognitive Testing

Revised Alpha version - 2nd round cognitive testing (July 2014)

Preparatory work national survey Chile (Nov 2014)

Revised Alpha version after preparation in Chile (Nov 2014)

MDS Group Intern Meeting, July 2015 – results pilot studies (Cambodia, Pakistan, Malawi) and preparation for the national surveys (Sri Lanka and Chile)

CURRENT MDS ALPHA VERSION (July 2015)
244 indicators
52 relevant for disaggregation
15 collected in the MDS
CONVENTION on the RIGHTS of PERSONS with DISABILITIES

33 articles relevant for disaggregation

26 addressed in the MDS
Goal 8

Indicator 8.5.2: Unemployment rate by sex and disability

% working*

*Slovenia

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<tr>
<th>Severity</th>
<th>Female</th>
<th>Male</th>
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<tr>
<td>Mild</td>
<td>31.5%</td>
<td>44.9%</td>
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<tr>
<td>Moderate</td>
<td>25.6%</td>
<td>36.2%</td>
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<tr>
<td>Severe</td>
<td>7.8%</td>
<td>17.6%</td>
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*Working for wages or salary with an employer (full- or part-time)
Level of disability by education (Sri Lanka)
Goal 10

10.3.1 Proportion of the population reporting having personally felt discriminated against or harassed within the previous 12 months

% who felt often or always discriminated

Chile

No  | Mild  | Moderate | Severe
---|-------|----------|-------
1.1 | 2.16  | 4.35     | 8.43  

No  | Mild  | Moderate | Severe
---|-------|----------|-------
0.66 | 2.29  | 3.16     | 10.96
Goal 11

Chile

Indicator 11.2.1: Proportion that has convenient access to public transport

Problems using transportation

Experienced barriers

Goal 11

Individually relevant

Data showing proportion having access to public transport in Chile with barriers experienced. The data is visualized in a bar graph.
1. Improving access to health services

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Model Disability Survey

Brief
Core modules

Environment

Outcome of the interaction

Decrement of health

13

12

13
Brief MDS in Gallup World Poll
Important considerations from WHO perspective

- Emphasis on strengthening statistical system to mainstream disability
  - SDGs and the guidelines provide window of opportunity

- Data for evidence-informed policy

- International standards, such as ICD and ICF, are important for comparability purposes
Alarcos Cieza, MSc, MPH, PhD
World Health Organization
Avenue Appia 20
1211 Geneva 27
Switzerland

Tel.: +41 22 791 1998
Fax: +41 22 791 4874
Email: ciezaa@who.int
Website: http://www.who.int/disabilities/care/rehab-2030/en/