Global monitoring framework for water and sanitation in the SDGs

Working Group on Water and Health
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JMP service ‘ladders’

**Surface water**
River, dam, lake, pond, stream, canal, irrigation channels

**Other unimproved**
Unprotected dug well, unprotected spring, cart with small tank/drum, bottled water

**Other improved**
Public taps or standpipes, tubewells or boreholes, protected dug wells, protected springs, rainwater collection

**Piped on premises**
Piped household water connection located inside the user’s dwelling, plot or yard

**Open defecation**
When human faeces are disposed of in fields, forests, bushes, open bodies of water, beaches or other open spaces or disposed of with solid waste

**Other unimproved**
Sanitation facilities which do not ensure hygienic separation of human excreta from human contact. Unimproved facilities include pit latrines without a slab or platform, hanging latrines and bucket latrines

**Shared**
Sanitation facilities of an otherwise acceptable type shared between two or more households.

**Improved**
Sanitation facilities which are likely to ensure hygienic separation of human excreta from human contact, including: flush/pour flush to piped sewer, septic tank or pit latrine; VIP latrine, pit latrine with slab, composting toilet.
JMP service ‘ladders’

MDG Indicators

<table>
<thead>
<tr>
<th>Other improved</th>
<th>Piped on premises</th>
<th>Improved</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public taps or standpipes, tubewells or boreholes, protected dug wells, protected springs, rainwater collection</td>
<td>Piped household water connection located inside the user’s dwelling, plot or yard</td>
<td>Improved</td>
</tr>
</tbody>
</table>

- **Improved**
  - Sanitation facilities which are likely to ensure hygienic separation of human excreta from human contact, including: flush/pour flush to piped sewer, septic tank or pit latrine; VIP latrine, pit latrine with slab, composting toilet.
All estimates drawn from national data sources

WHO / UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation

World Health Organization

unicef

4
2030 Agenda for Sustainable Development
At least 7 targets with direct WASH links outside Goal 6

1. **POVERTY**
   - 1.4 Access to basic services

2. **HUNGER**

3. **HEALTH**
   - 3.8 UHC Tracer Interventions
   - 3.9 Deaths from water pollution

4. **QUALITY EDUCATION**
   - 4.a Basic WASH facilities in schools

5. **GENDER EQUALITY**

6. **CLEAN WATER AND SANITATION**
   - Entire Goal (11 indicators)

7. **RENEWABLE ENERGY**

8. **GOOD JOBS AND ECONOMIC GROWTH**

9. **INNOVATION AND INFRASTRUCTURE**

10. **REDUCED INEQUALITIES**

11. **SUSTAINABLE CITIES AND COMMUNITIES**
   - 11.1 Safe and affordable housing and basic services
   - 11.5 Reduce deaths from water-related disasters

12. **RESPONSIBLE CONSUMPTION**

13. **CLIMATE ACTION**
   - 13.2 Climate-resilient planning

14. **LIFE BELOW WATER**

15. **LIFE ON LAND**

16. **PEACE AND JUSTICE**

17. **PARTNERSHIPS FOR THE GOALS**
# WASH and other targets

<table>
<thead>
<tr>
<th>Basic services</th>
<th>Health-related</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4 For the poor</td>
<td>2.2 End malnutrition</td>
</tr>
<tr>
<td>4.a In schools</td>
<td>3.3 Combat water-related diseases</td>
</tr>
<tr>
<td>11.1 In cities</td>
<td>3.8 Universal health coverage</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>3.9 Reduce deaths and illness from water pollution</td>
</tr>
<tr>
<td>13.2 Climate-resilient planning</td>
<td>11.5 Reduce deaths from water-related disasters</td>
</tr>
</tbody>
</table>
Goal 6: Ensure availability and sustainable management of water and sanitation for all

Means of Implementation

6.a International cooperation and capacity development

6.b Local participation
Goal 6: Global monitoring initiatives

Means of Implementation

6.a International cooperation and capacity development
6.b Local participation

JMP

6.1 Drinking water
6.2 Sanitation and hygiene
6.3 Water quality
6.4 Water scarcity
6.5 Water resource management
6.6 Ecosystems

GLAAS

GEMI

World Health Organization
WHO / UNICEF Joint Monitoring Programme (JMP) for Water Supply and Sanitation
## 11 proposed indicators for Goal 6

<table>
<thead>
<tr>
<th>Indicator</th>
<th>(brief title)</th>
<th>Possible custodian agencies</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1.1</td>
<td>Safely managed drinking water services</td>
<td>WHO/UNICEF JMP</td>
</tr>
<tr>
<td>6.2.1</td>
<td>Safely managed sanitation services including handwashing</td>
<td>WHO/UNICEF JMP</td>
</tr>
<tr>
<td>6.3.1</td>
<td>Safely treated wastewater</td>
<td>WHO, UN-Habitat</td>
</tr>
<tr>
<td>6.3.2</td>
<td>Ambient water quality in water bodies</td>
<td>UNEP</td>
</tr>
<tr>
<td>6.4.1</td>
<td>Change in water-use efficiency over time</td>
<td>FAO</td>
</tr>
<tr>
<td>6.4.2</td>
<td>Level of water stress</td>
<td>FAO</td>
</tr>
<tr>
<td>6.5.1</td>
<td>Degree of integrated water resource management implementation</td>
<td>UNEP</td>
</tr>
<tr>
<td>6.5.2</td>
<td>Transboundary basins with operational cooperation agreements</td>
<td>UNECE, UNESCO, UNEP</td>
</tr>
<tr>
<td>6.6.1</td>
<td>Change in extent of water-related ecosystems over time</td>
<td>UNEP</td>
</tr>
<tr>
<td>6.a</td>
<td>Water and sanitation ODA as part of coordinated spending plans</td>
<td>OECD, WHO/GLAAS</td>
</tr>
<tr>
<td>6.b</td>
<td>Participation of local communities in water and sanitation management</td>
<td>WHO/GLAAS, UNEP</td>
</tr>
</tbody>
</table>
6.1 Safely managed drinking water services

Population using an improved drinking water source which is:

- located on premises,
- available when needed, and
- free of faecal and priority chemical contamination
6.2 Safely managed sanitation services

Population using an improved sanitation facility which is:

- not shared with other households
- and where excreta are safely disposed in situ or
- transported and treated off-site
6.2 Including a handwashing facility

Population with handwashing facilities with soap and water at home:

Emerging data on handwashing show that the presence of facilities with water and soap varies widely between countries and regions.

Fig. 40 Proportion of the population with a handwashing facility with soap and water (2009-2014)
WASH in institutions

• WASH sector priority: move beyond the house

• Explicit SDG link for WASH in Schools — Target 4.a: basic WASH services

• Health sector priority: WASH in Health Care Facilities

• Both settings to be included in reporting of Targets 6.1 and 6.2
Emerging ladders for WinS allow for progressive realization

<table>
<thead>
<tr>
<th>Drinking water</th>
<th>Sanitation</th>
<th>Hygiene</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Basic service</td>
<td>Basic service</td>
</tr>
<tr>
<td></td>
<td>Water from an improved source is available at the school</td>
<td>Improved facilities, which are sex-separated and useable at the school</td>
</tr>
<tr>
<td>Limited service</td>
<td>There is an improved source (piped water, protected well/spring, rainwater, bottled water), but not available at time of survey</td>
<td>There are improved facilities (flush/pour flush, pit latrine with slab, composting toilet), but not sex-separated or not usable</td>
</tr>
<tr>
<td>No service</td>
<td>No water source or unimproved source (unprotected well/spring, tanker truck/cart, surface water source)</td>
<td>No toilets or latrines or they are unimproved (pit latrines without a slab or platform, hanging latrines, bucket latrines)</td>
</tr>
</tbody>
</table>
Emerging ladders for WinHCF allow for progressive realization and more ambition.

<table>
<thead>
<tr>
<th>SDG Target</th>
<th>Drinking Water</th>
<th>Sanitation</th>
<th>Hygiene</th>
<th>Health Care Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic service</strong></td>
<td>Water from an improved source on site is available at time of survey</td>
<td>Improved facilities, separated for patients and staff, for men and women, and useable by those with limited mobility</td>
<td>Hand hygiene facilities are available at points of care and toilets</td>
<td>Waste is segregated into bins, and sharps and infectious wastes are safely treated and disposed.</td>
</tr>
<tr>
<td><strong>Limited service</strong></td>
<td>There is an improved source, but off premises or not available at time of survey</td>
<td>There are improved facilities, but not usable or do not meet the needs of specific groups</td>
<td>Hand hygiene stations at some, but not all, points of care and latrines</td>
<td>Waste is segregated but not disposed of safely, or bins are in place but not used effectively</td>
</tr>
<tr>
<td><strong>No service</strong></td>
<td>No improved water source</td>
<td>No improved toilets or latrines</td>
<td>No hand hygiene stations with soap and water or alcohol based handrub</td>
<td>Waste is not segregated or safely treated and disposed</td>
</tr>
</tbody>
</table>
Global, regional and national indicators

• Data are national
• Regional and global reports draw on national data
• Not all countries and regions are alike