WASH situation in Pakistan
Know and act

National WASH access
Percentage of people with access

89% Drinking water
58% Sanitation
60% Hygiene

National water facts

21 million people lack access to clean water close to home.
90% of drinking water is extracted from the ground.
1 out of 3 schools is missing a toilet.

National sanitation facts

79 million people lack decent toilets.
11.5% of people defecate in the open.
4 out of 10 schools has no drinking water.

Pakistan is among the top 10 countries with the greatest number of people living without access to safe water.

Per capita availability of water in Pakistan

1947: 5300 cm³ (No stress)
2017: 1000 cm³ (Scarcity)
2047: <500 cm³ (Absolute scarcity)

WaterAid
National hygiene facts

46% of the population does not have a handwashing facility at home with soap and water.11

Rural 56%  Urban 26%

23% of households have a garbage collection system.12

Privately 6%  Municipality 17%

57% of urban households have a garbage collection system.13

Privately 9%  Municipality 48%

6% of rural households have a garbage collection system.14

Implications of unsafe water, sanitation & hygiene

19,500 children under five die each year from related diarrhoeal diseases.15

Improved water sources reduce diarrhoea morbidity by 21%; and the simple act of washing hands at critical times can reduce the number of diarrhoea cases by 35%.16

43% reduction in school absenteeism due to better health by handwashing with soap.17

50% of malnutrition is associated with repeated diarrhoea or intestinal worm infections as a direct result of inadequate WASH.18

45% of children under five are stunted.19
**National water coverage**

Coverage by income status (% in 2013)²⁰

<table>
<thead>
<tr>
<th>Income Status</th>
<th>Safely managed</th>
<th>Basic</th>
<th>Limited</th>
<th>Unimproved</th>
<th>Surface water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poorest</td>
<td>79.2*</td>
<td>9.4</td>
<td>8.5</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Richest</td>
<td>98*</td>
<td>1.3</td>
<td>0.4</td>
<td>0.3</td>
<td></td>
</tr>
</tbody>
</table>

*The disaggregate information is not available for safely managed and basic categories in JMP data*

**Coverage by ladder (% in 2015)²¹**

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Safely managed</th>
<th>Basic</th>
<th>Limited</th>
<th>Unimproved</th>
<th>Surface water</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>35.6</td>
<td>52.9</td>
<td>2.7</td>
<td>6.3</td>
<td>2.5</td>
</tr>
</tbody>
</table>

**Change in Coverage by Facility Type²²**

Access to drinking water by sub-national variations* (percentage)²³

*Please refer to the description of the ladder on the last page*
Access to sanitation by sub-national variations* (percentage)27

National sanitation coverage
Coverage by income status
(% in 2013)24

<table>
<thead>
<tr>
<th>Income Status</th>
<th>Safely managed</th>
<th>Basic</th>
<th>Limited</th>
<th>Unimproved</th>
<th>Open defecation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poorest</td>
<td>0</td>
<td>18.1</td>
<td>7.3</td>
<td>11</td>
<td>63.7</td>
</tr>
<tr>
<td>Richest</td>
<td>0</td>
<td>93</td>
<td>3.5</td>
<td>3.2</td>
<td>0.3</td>
</tr>
</tbody>
</table>

Change in Coverage by Facility Type26

<table>
<thead>
<tr>
<th>Facility Type</th>
<th>Septic tank</th>
<th>Sewer</th>
<th>Improved latrine and other</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2015</td>
<td>0.8</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Population in millions
2000
2015

*Please refer to the description of the ladder on the last page
Coverage by ladder (% in 2015)\(^{28}\)

- **Rural**
  - Basic: 46.1
  - Limited: 43.3
  - No facility: 10.6

- **Urban**
  - Basic: 83.2
  - Limited: 12.1
  - No facility: 4.6

Coverage by income status (% in 2013)\(^{29}\)

- **Poorest**
  - 15.8

- **Poor**
  - 40.4

- **Middle**
  - 66.4

- **Rich**
  - 85.6

- **Richest**
  - 94

National hygiene coverage

Hygiene coverage by sub-national variations* (percentage)\(^{30}\)

- **Basic**
  - Balochistan: 62.2
  - Sindh: 47.6
  - Punjab: 68.1

- **Limited**
  - Balochistan: 2.8
  - Sindh: 6.5

- **No facility**
  - Balochistan: 2.5

*Please refer to the description of the ladder on the last page.
**Sanitation ladder**

- **Safely managed**
  Use of improved facilities which are not shared with other households and where excreta are safely disposed in situ or transported and treated off-site

- **Basic**
  Use of improved facilities which are not shared with other households

- **Limited**
  Use of improved facilities shared between two or more households

- **Unimproved**
  Use of pit latrines without a slab or platform, hanging latrines or bucket latrines

- **Open defecation**
  Disposal of human faeces in fields, forests, bushes, open bodies of water, beaches and other open spaces or with solid waste

**Drinking water ladder**

- **Safely managed**
  Drinking water from an improved water source which is located on premises, available when needed and free from faecal and priority chemical contamination

- **Basic**
  Drinking water from an improved source, provided collection time is not more than 30 minutes for a roundtrip including queuing

- **Limited**
  Drinking water from an improved source for which collection time exceeds 30 minutes for a roundtrip including queuing

- **Unimproved**
  Drinking water from an unprotected dug well or unprotected spring

- **Surface Water**
  Drinking water directly from a river, dam, lake, pond, stream, canal or irrigation canal

**Hygiene/ handwashing ladder**

- **Basic**
  Availability of a handwashing facility on premises with soap and water

- **Limited**
  Availability of a handwashing facility on premises without soap and water

- **No facility**
  No handwashing facility on premises

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17. WaterAid (2017). Child Undernutrition in Pakistan What Do We Know?