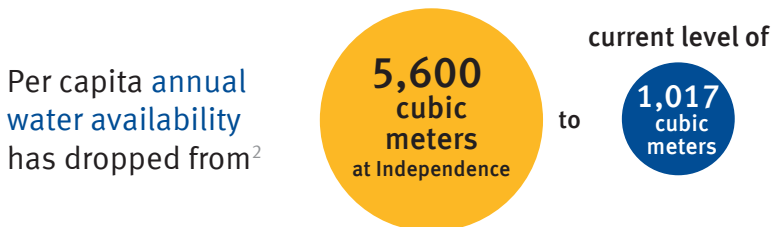


### NATIONAL WATER FACTS

Pakistan is among the world's **36** most water-stressed countries.<sup>1</sup>



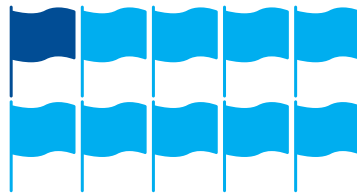
**16 million people** in Pakistan have no choice but to collect unsafe water from unsafe sources.<sup>4</sup>



An average of **84–89%** of water supplied is unsafe.<sup>5</sup>



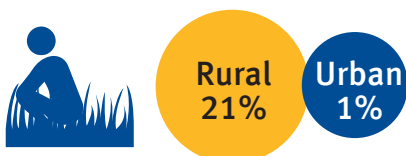
Pakistan is among the **top 10** countries with the greatest number of people living without access to safe water.<sup>3</sup>



**1 out of every 3** schools has no drinking water.<sup>6</sup>



### NATIONAL SANITATION FACTS



**25 million people** defecate in the open.<sup>7</sup>



Ranks **9th** in the **top ten** countries with most people defecating in the open per square km.<sup>8</sup>



Ranks **4th** in the **top ten** countries with most improved in access to sanitation between 1990 and 2015.<sup>9</sup>

Ranks **6th** among the **top ten** countries with longest queues for toilet.<sup>10</sup>



**2 out of every 5** schools are missing a toilet.<sup>11</sup>



<sup>1/2</sup> Issues in managing water challenges and policy instruments. IMF 2015

<sup>3/4</sup> Water at what cost? The state of the World's Water 2016. WaterAid

<sup>5</sup> Technical Assessment Survey Report of Water Supply Schemes Punjab Province. <http://pcrwr.gov.pk/publication%20pcrwr.aspx>

<sup>6</sup> Alif Ailiaan Regional Factsheets 2014 [http://www.alifailaan.pk/fact\\_sheets](http://www.alifailaan.pk/fact_sheets)

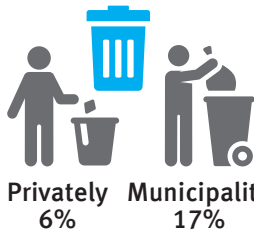
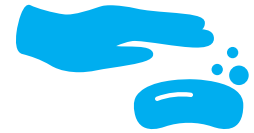
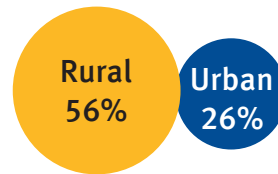
<sup>7</sup> World Health Organization and United Nations Children's Fund 2015, "25 years of progress on Sanitation and Drinking Water – 2015 Update and MDG Assessment", Joint Monitoring Program for Water Supply and Sanitation

<sup>8/9/10</sup> It's no joke. State of the world toilets 2015. WaterAid

<sup>11</sup> Alif Ailiaan Regional Factsheets 2014 [http://www.alifailaan.pk/fact\\_sheets](http://www.alifailaan.pk/fact_sheets)

## NATIONAL HYGIENE FACTS

**46%** of the population does not have a handwashing facility at home with soap and water.<sup>12</sup>



**23%** of households have a garbage collection system.<sup>13</sup>



**57%** of households in urban areas have a garbage collection system.<sup>14</sup>



**6%** of households in rural areas have a garbage collection system.<sup>15</sup>

## IMPLICATIONS OF UNSAFE WATER, SANITATION AND HYGIENE

**88%** of diarrhoeal disease is attributed to unsafe water supply, inadequate sanitation and hygiene.<sup>16</sup>



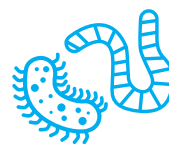
In Pakistan, every year **39,000** children under the age of five die due to diarrhoea.<sup>17</sup>



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%**.<sup>18</sup>



Improvement of drinking-water quality, such as point-of-use disinfection, can lead to a **45%** reduction of diarrhoea episodes.<sup>19</sup>



WHO estimates that **50%** of malnutrition is associated with repeated diarrhoea or intestinal worm infections as a direct result of inadequate WASH.<sup>20</sup>



**30%** of children under five are underweight, **45%** are stunted, and **11%** suffer from wasting.<sup>21</sup>

<sup>12</sup> World Health Organization and United Nations Children's Fund 2015, "25 years of progress on Sanitation and Drinking Water – 2015 Update and MDG Assessment", Joint Monitoring Program for Water Supply and Sanitation <sup>13/14/15</sup> Country Paper on Sanitation. Pakistan. South Asian Conference on Sanitation VI. 2016

<sup>16</sup> World Health Organization. Water, sanitation and hygiene links to health. [http://www.who.int/water\\_sanitation\\_health/facts2004/en/](http://www.who.int/water_sanitation_health/facts2004/en/)

<sup>17</sup> WHO Global Health Observatory Data.

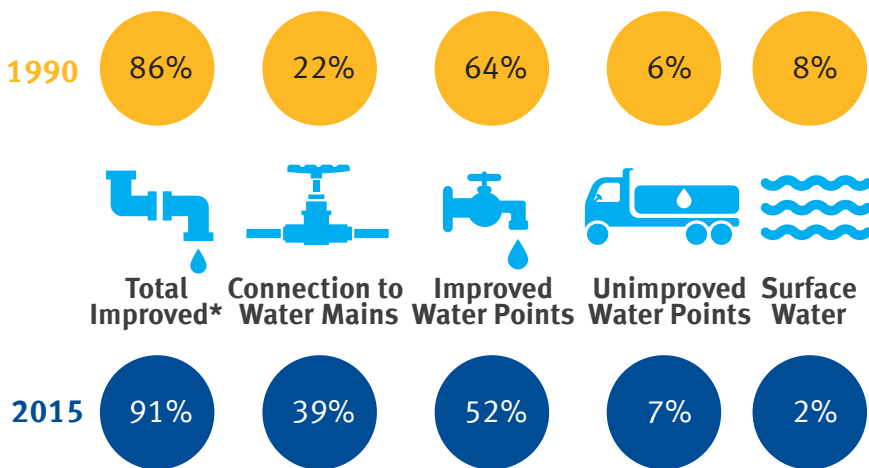
<http://apps.who.int/gho/data/view.main.ghe1002015-PAK?lang=en> <sup>18/19</sup> Center for Disease Control and Prevention. Global WASH Fast Facts. [http://www.cdc.gov/healthywater/global/wash\\_statistics.html#seven](http://www.cdc.gov/healthywater/global/wash_statistics.html#seven)

<sup>20</sup> World Health Organization. (2008). Safer water, better health: Costs, benefits and sustainability of interventions to protect & promote health. [http://whqlibdoc.who.int/publications/2008/9789241596435\\_eng.pdf](http://whqlibdoc.who.int/publications/2008/9789241596435_eng.pdf)

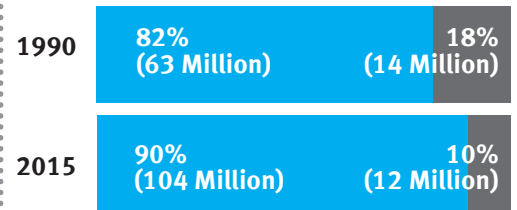
<sup>21</sup> Pakistan Demographic Health survey 2012-13

# NATIONAL WATER COVERAGE<sup>22</sup>

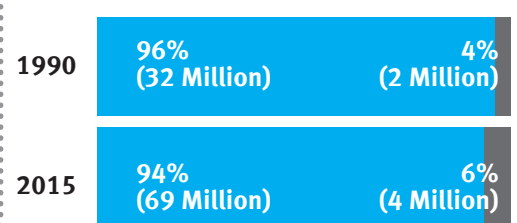
## Total Water Coverage



## Rural Water



## Urban Water



\*An improved water source is defined as water that is supplied through a household connection, public standpipe, borehole well, protected dug well, protected spring, or rainwater collection.

■ Total Improved ■ Total Unimproved

# PROVINCIAL WATER COVERAGE<sup>23</sup>

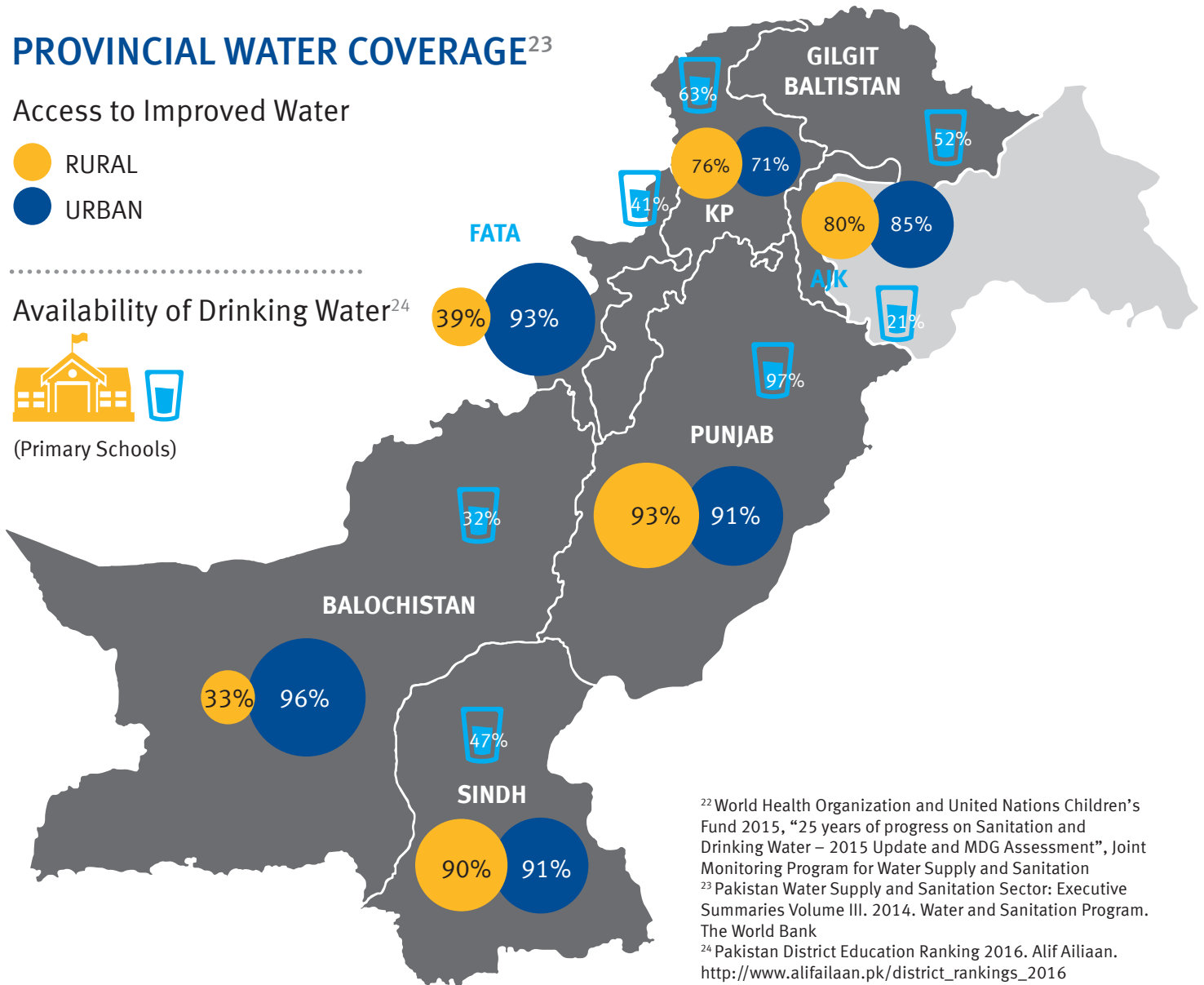
## Access to Improved Water

- RURAL
- URBAN

## Availability of Drinking Water<sup>24</sup>



(Primary Schools)



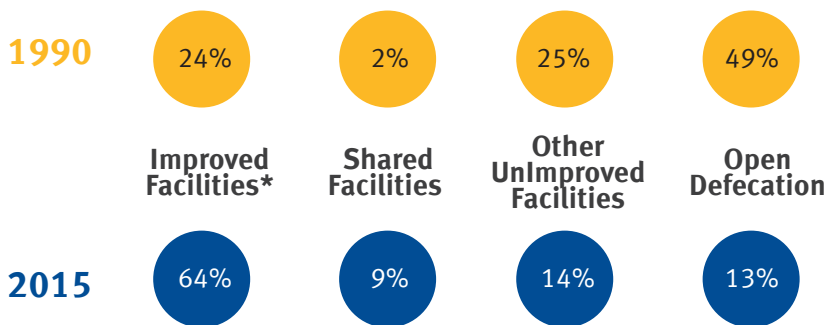
<sup>22</sup> World Health Organization and United Nations Children's Fund 2015, "25 years of progress on Sanitation and Drinking Water – 2015 Update and MDG Assessment", Joint Monitoring Program for Water Supply and Sanitation

<sup>23</sup> Pakistan Water Supply and Sanitation Sector: Executive Summaries Volume III. 2014. Water and Sanitation Program. The World Bank

<sup>24</sup> Pakistan District Education Ranking 2016. Alif Ailiaan. [http://www.alifailaan.pk/district\\_rankings\\_2016](http://www.alifailaan.pk/district_rankings_2016)

# NATIONAL SANITATION COVERAGE

## Total Sanitation Coverage

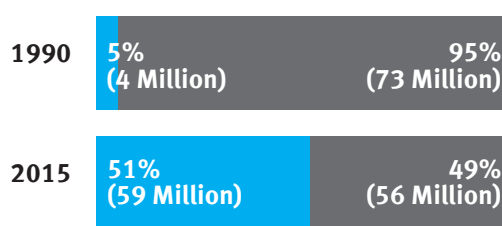


\*An improved sanitation facility is defined as one that hygienically separates human excreta from human contact.

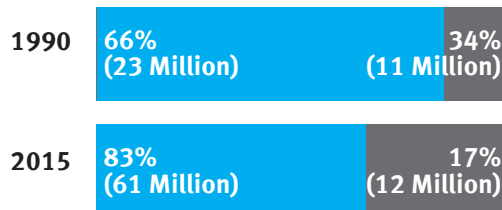
## Inequality in Access to Improved Sanitation<sup>25</sup>

**80%** in the richest group and **13%** in the poorest group have access to improved sanitation.

## Rural Sanitation



## Urban Sanitation



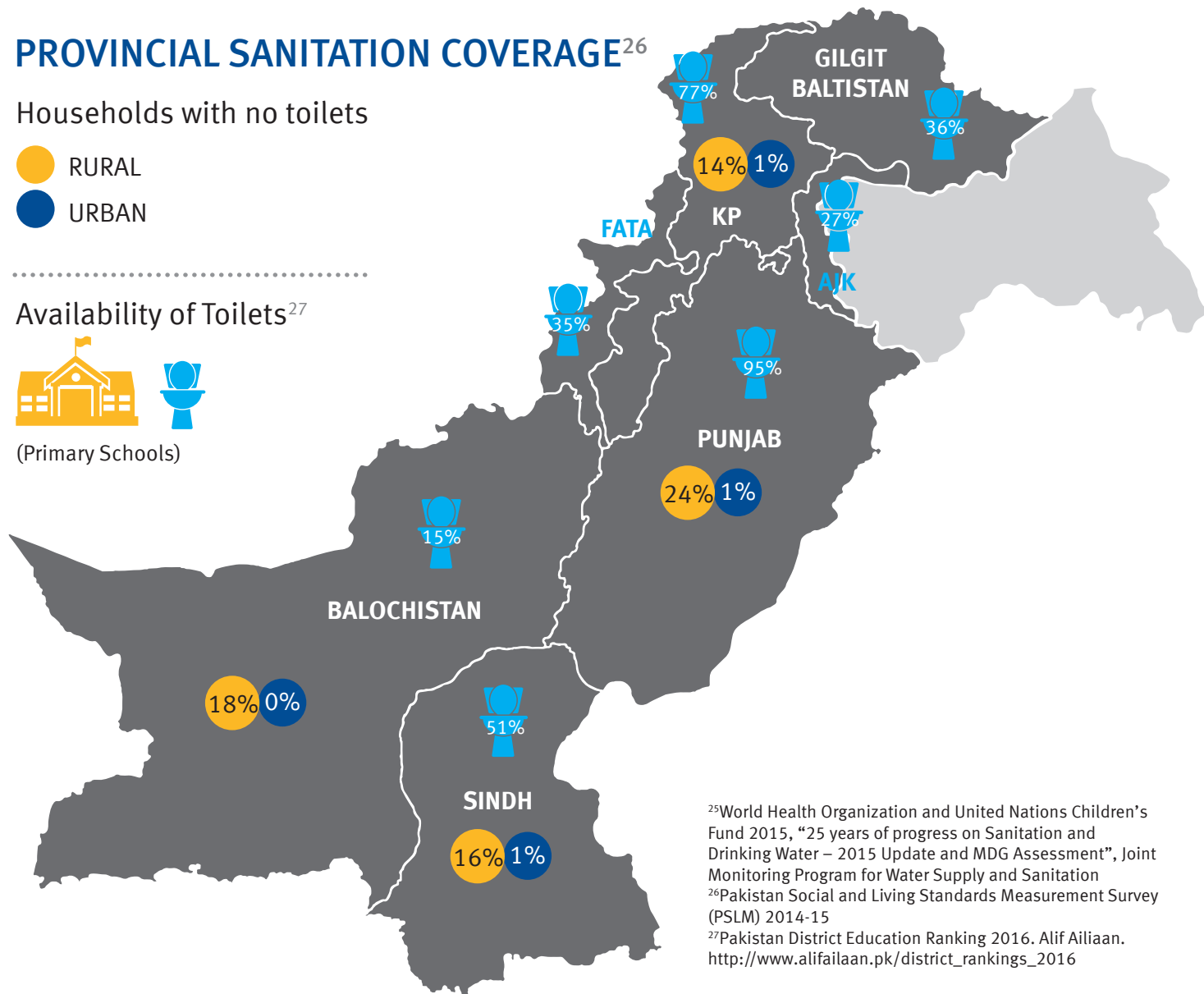
■ Total Improved ■ Total Unimproved

# PROVINCIAL SANITATION COVERAGE<sup>26</sup>

## Households with no toilets



## Availability of Toilets<sup>27</sup>



<sup>25</sup>World Health Organization and United Nations Children's Fund 2015, "25 years of progress on Sanitation and Drinking Water – 2015 Update and MDG Assessment", Joint Monitoring Program for Water Supply and Sanitation

<sup>26</sup>Pakistan Social and Living Standards Measurement Survey (PSLM) 2014-15

<sup>27</sup>Pakistan District Education Ranking 2016. Alif Ailiaan. [http://www.alifailaan.pk/district\\_rankings\\_2016](http://www.alifailaan.pk/district_rankings_2016)