

SDG Global Targets and Indicators

globally



Sector Goal	SDG	Global Target	SDG G	lobal Indicator	
Ending open defection	6.2	By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations	6.2.1	Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water	SDG
Achieving universal access to basic services	1.4	by 2030 ensure that all men and women, particularly the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services	1.4.1	Population living in households with access to basic services (including basic drinking water, sanitation and hygiene)	SDG
Progress towards safely managed services	6.1	By 2030, achieve universal and equitable access to safe and affordable drinking water for all By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations		Proportion of population using safely managed drinking water services Proportion of population using safely managed sanitation services, including a hand-washing facility with soap and water	SDG SDG
Reducing untreated wastewater and increasing recycling and safe reuse	6.3	By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated waste water and substantially increasing recycling and safe reuse globally	6.3.1	Proportion of wastewater safely treated	SDG

Normative Interpretation of the Drinking Water Target (SDG 6.1)

TARGET LANGUAGE

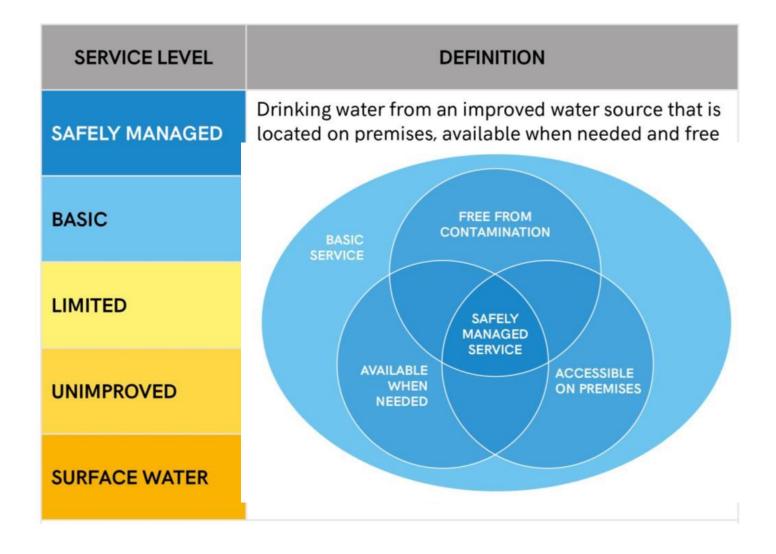
By 2030, achieve

universal
and equitable
access
to safe
and <i>affordable</i>
drinking water
for all

NORMATIVE INTERPRETATION

Implies all exposures and settings including households, schools, health facilities, workplaces, and public spaces				
Implies progressive reduction and elimination of inequalities between population subgroups				
Implies sufficient water to meet domestic needs is reliably available close to home				
Safe drinking water is free from pathogens and elevated levels of toxic chemicals at all times				
Payment for services does not present a barrier to access or prevent people meeting other basic human needs				
Water used for drinking, cooking, food preparation and personal hygiene				
Suitable for use by men, women, girls and boys of all ages including people living with disabilities				

Drinking Water SDG Ladder



Normative Interpretation of Sanitation and Hygiene - Target (SDG 6.2)

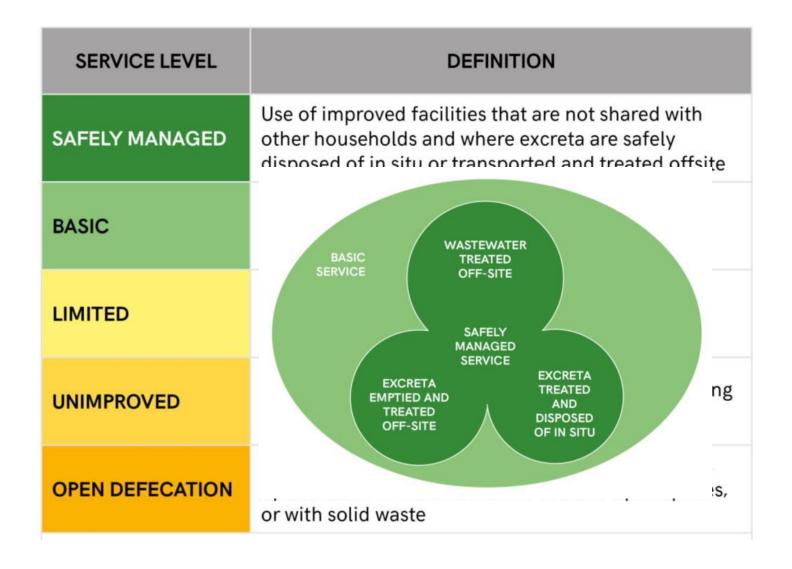
TARCET LANCIDACE

MODALATIVE INTERDRETATION

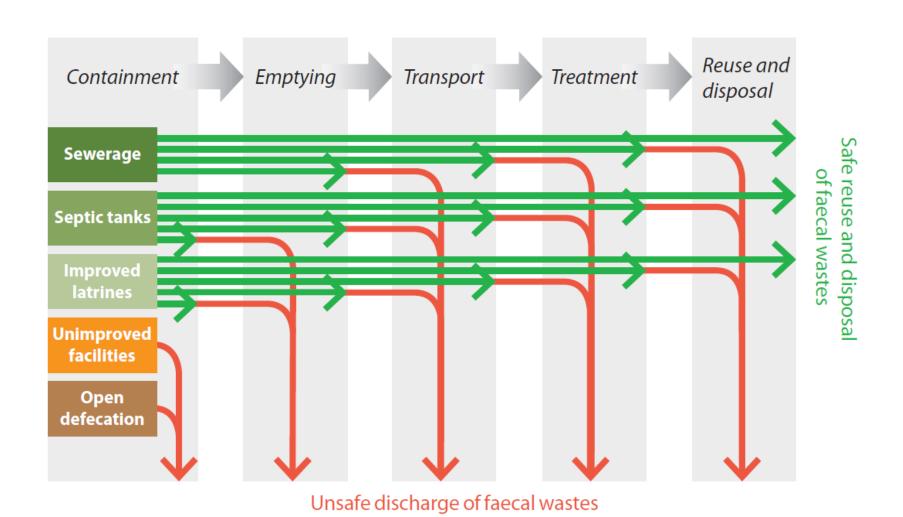
situations

TARGET LANGUAGE		NORMATIVE INTERPRETATION
By 2030, achieve	access	Implies facilities close to home that can be easily reached and used when needed
	to <i>adequate</i>	Implies a system which hygienically separates excreta from human contact as well as safe reuse/treatment of excreta in situ, or safe transport and treatment off-site
	and equitable	Implies progressive reduction and elimination of inequalities between population sub-groups
	sanitation	Sanitation is the provision of facilities and services for safe management and disposal of human urine and faeces
	and <i>hygiene</i>	Hygiene is the conditions and practices that help maintain health and prevent spread of disease including handwashing, menstrual hygiene management and food hygiene
	for all	Suitable for use by men, women, girls and boys of all ages including people living with disabilities
	end open defecation	Excreta of adults or children are: deposited (directly or after being covered by a layer of earth) in the bush, a field, a beach, or other open area; discharged directly into a drainage channel, river, sea, or other water body; or are wrapped in temporary material and discarded
	paying special attention to the needs of women and girls	Implies reducing the burden of water collection and enabling women and girls to manage sanitation and hygiene needs with dignity. Special attention should be given to the needs of women and girls in 'high use' settings such as schools and workplaces, and 'high risk' settings such as health care facilities and detention centres
	and those in vulnerable situations	Implies attention to specific WASH needs found in 'special cases' including refugee camps, detention centres, mass gatherings and pilgrimages

Sanitation SDG Ladder



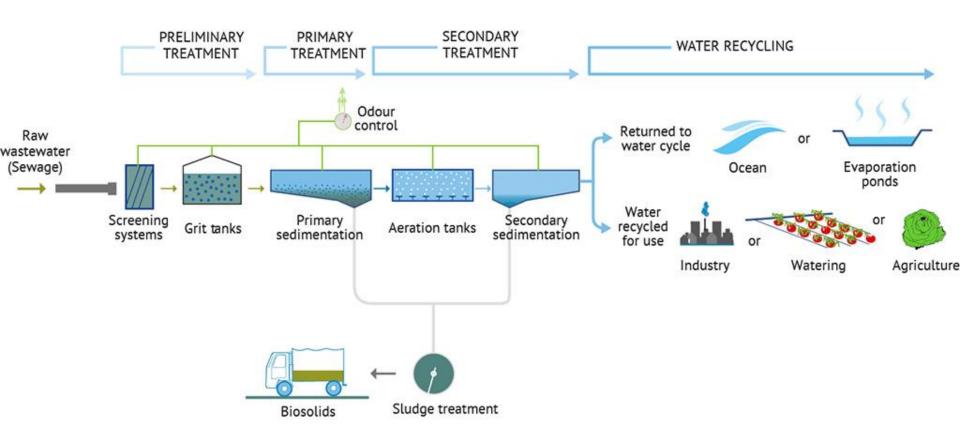
Wastewater Management Chain



Normative Interpretation of Water Quality and Wastewater Treatment - Target (SDG 6.3)

By 2030	Normative Interpretation	
Improve water quality	Achieving adequate quality of receiving water bodies so that they do not present risks to the environment or human health	
Reduce pollution	Minimizing the generation of pollutants at source and reducing the discharge of polluting substances, from point sources (i.e. wastewater outlets from economic activities and households) and non-point sources (i.e. urban and agricultural run-off)	
Eliminate dumping	Ending all inadequate disposal of waste, both solid and liquid	
Minimize release of hazardous chemicals and materials	Reducing generation, use and discharge of hazardous substances, as defined and listed in Basel, Rotterdam and Stockholm conventions	
Halving the proportion of	Halving the proportion of wastewater that is untreated, generated by households and all economic activities; some economic activities are particularly relevant due to high generation of wastewater including agricultural, mining, quarrying, manufacturing, power generation and sewerage	
Untreated	Treatment implies any process for rendering wastewater fit to meet applicable environmental standards or other quality norms	
wastewater	Discarded water that is no longer required by the owner or user, including discharges to drains or sewers for treatment or direct discharges into the environment, as well as water reused by another user without further treatment	
Substantially increasing recycling	Increasing the on-site reuse of water within the same establishment or industry	
Safe	Water has undergone sufficient treatment combined with non-treatment barriers to protect human health, for the intended use	
Reuse	Wastewater supplied to a user for further use, with or without prior treatment excluding the recycling of water within the same establishment	
Globally	Increased recycling and safe reuse at global level, enabling differentiated efforts at the national and regional levels, focusing efforts on water-scarce regions	

Wastewater Treatment - Target (SDG 6.3)

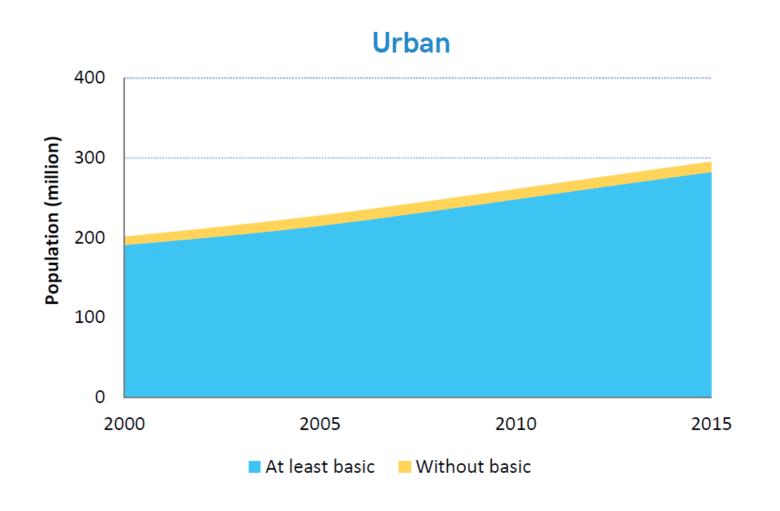


Hygiene SDG Ladder

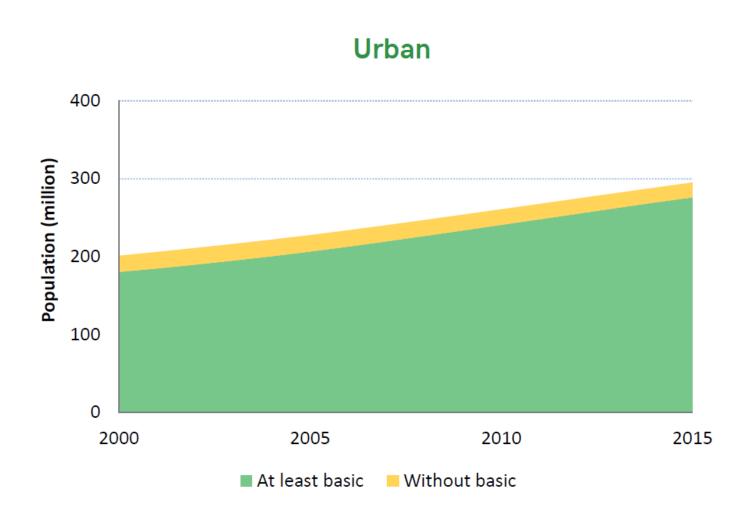
SERVICE LEVEL	DEFINITION		
BASIC	Availability of a handwashing facility on premises with soap and water		
LIMITED	Availability of a handwashing facility on premises without soap and water		
NO FACILITY	No handwashing facility on premises		

Note: Handwashing facilities may be fixed or mobile and include a sink with tap water, buckets with taps, tippy-taps, and jugs or basins designated for handwashing. Soap includes bar soap, liquid soap, powder detergent, and soapy water but does not include ash, soil, sand or other handwashing agents.

Progress on WASH in MENA - Drinking Water

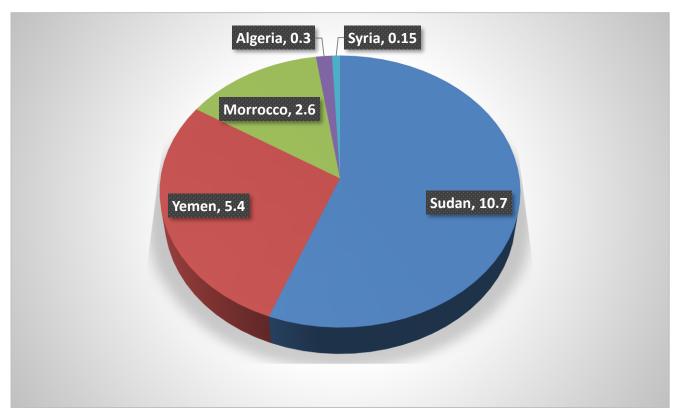


Progress on WASH in MENA - Sanitation

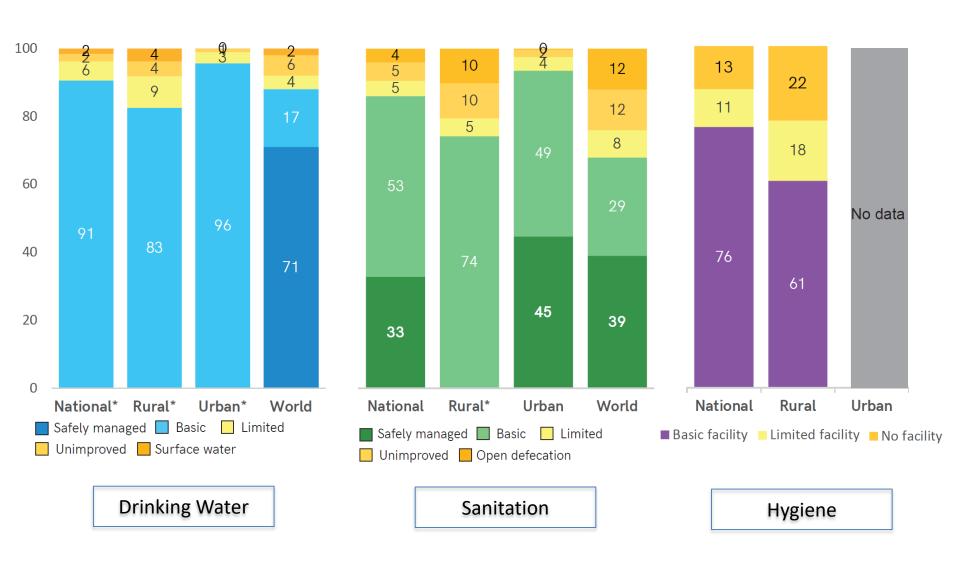


Progress on WASH in MENA - Sanitation

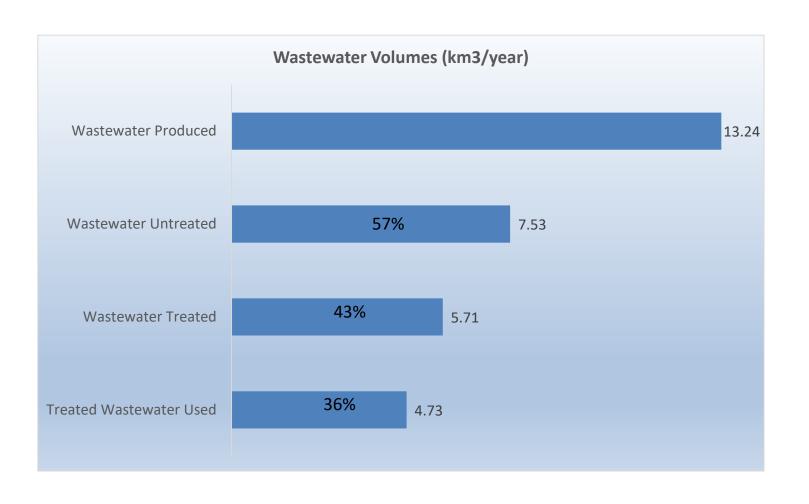
18 out of 20 million people practicing open defecation in 2015 lived in 3 countries



SDG Baselines for Drinking Water, Sanitation and Hygiene in MENA



Wastewater Treatment Status in MENA

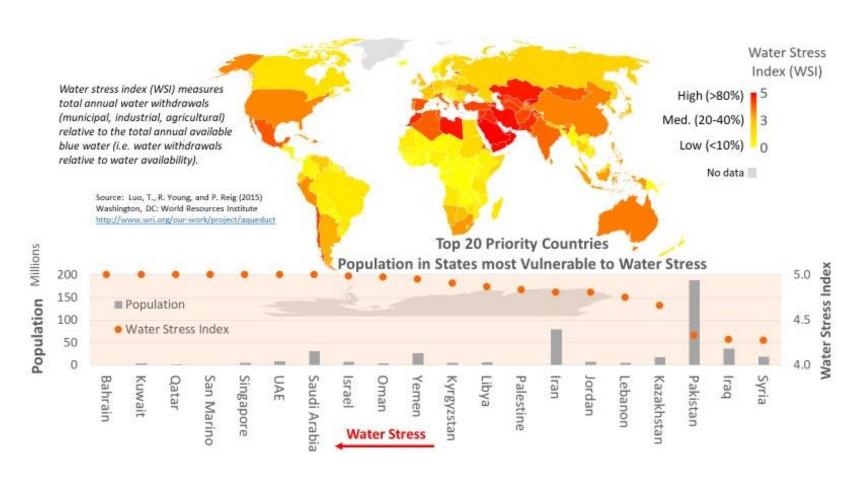


Challenges Include:

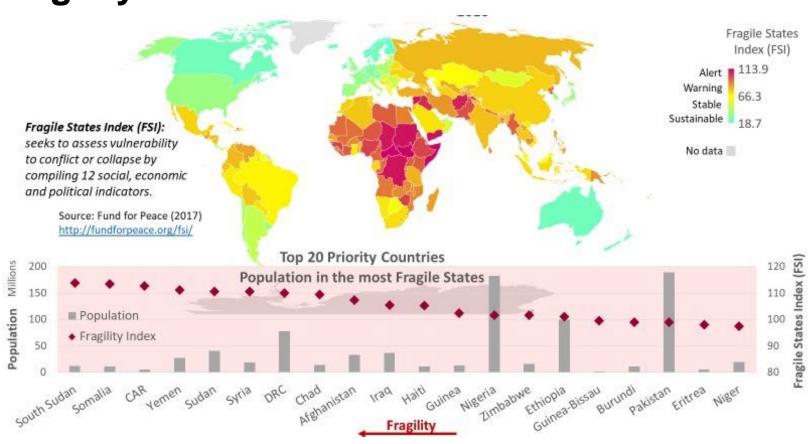
- Water scarcity
- Fragility
- Conflicts and unrest
- Disparities
- Human capital losses
- Climate change
- Investments 3X

- Urbanization
- Shared waters
- Cost recovery
- Sustainability
- Governance
- Accountability
- Data and monitoring

Water Stress/Scarcity

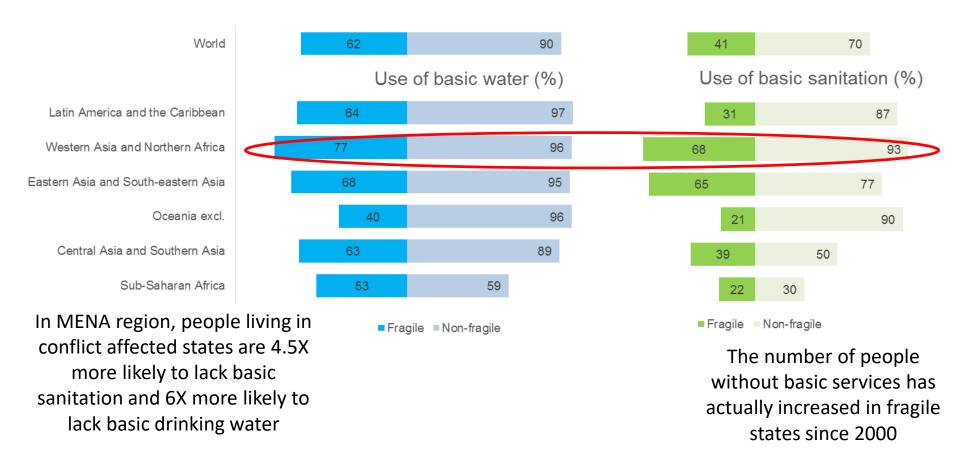


Fragility

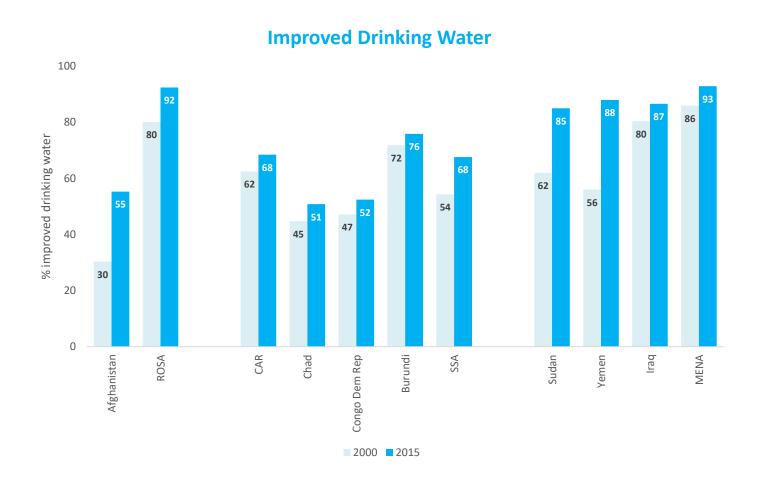


Conflicts and Unrest

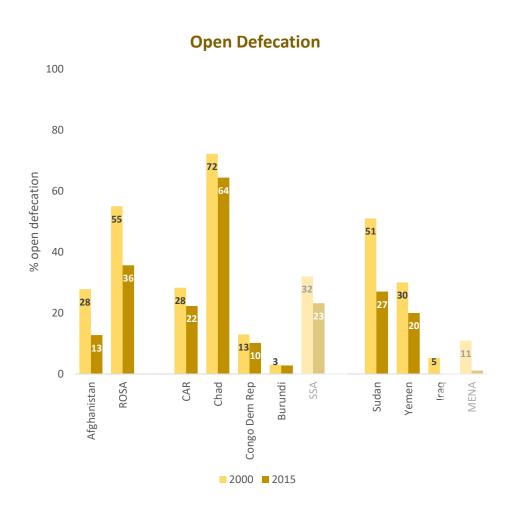
Conflict affected states have farther to go to reach universal access to basic water and sanitation services



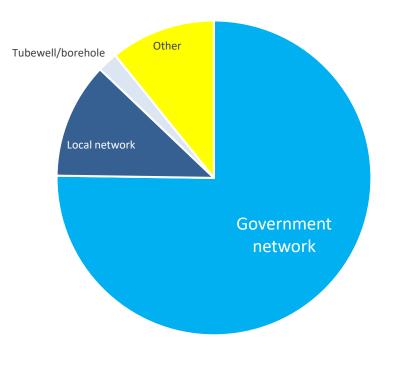
Conflicts and Unrest



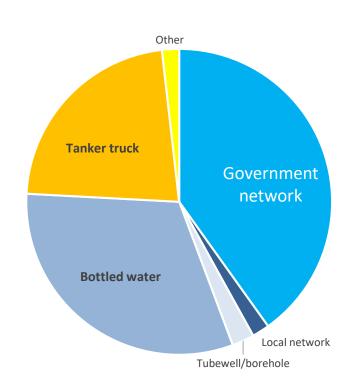
Conflicts and Unrest



Conflicts and Unrest



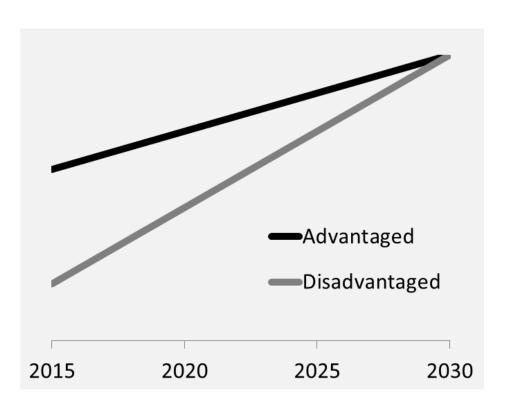
Urban Yemen in 1992

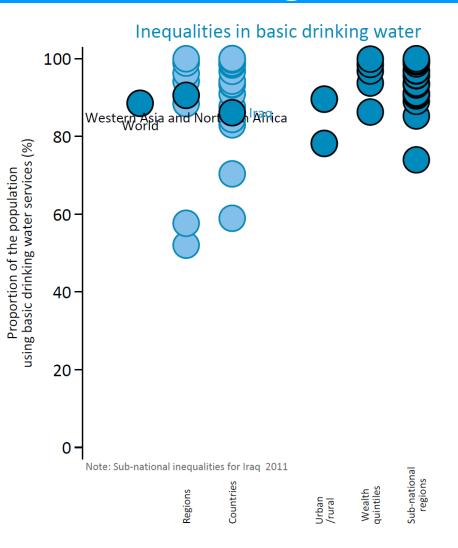


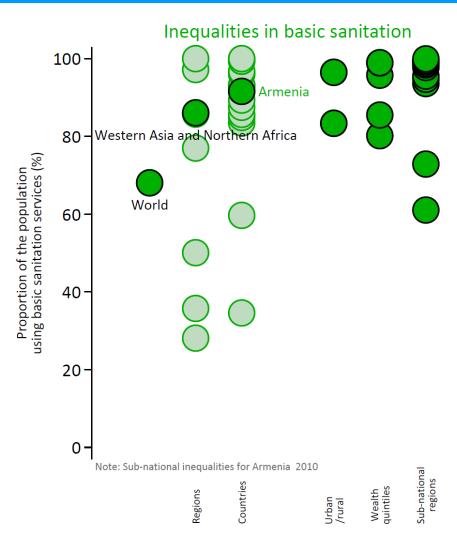
Urban Yemen in 2013

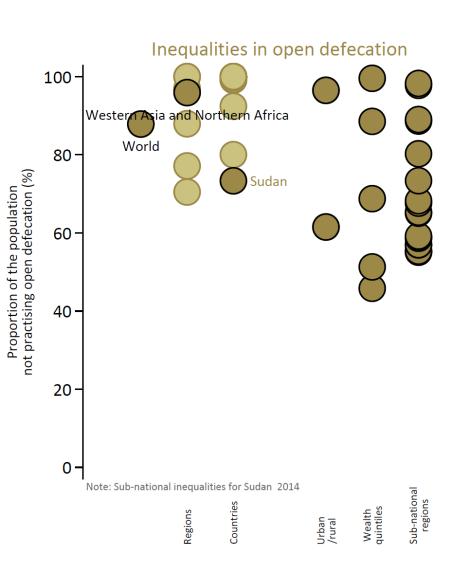
In Yemen the share of the urban population using the government network has declined from 75% to 40%. Reportedly, this has further declined to around 20% in 2017

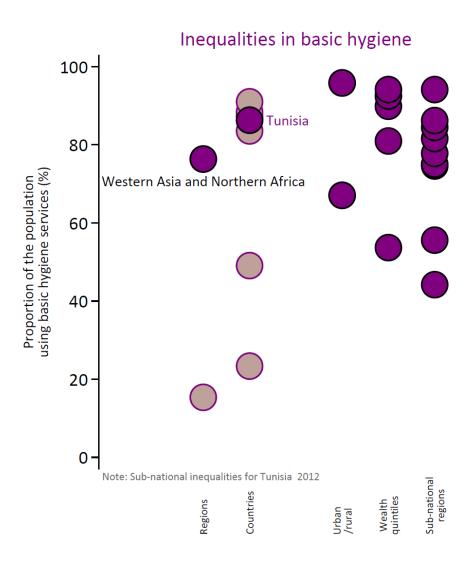
- SDG indicators to be disaggregated where relevant
 - income,
 - sex,
 - age,
 - race,
 - ethnicity,
 - migratory status,
 - disability and
 - geographic location,
 - or other characteristics



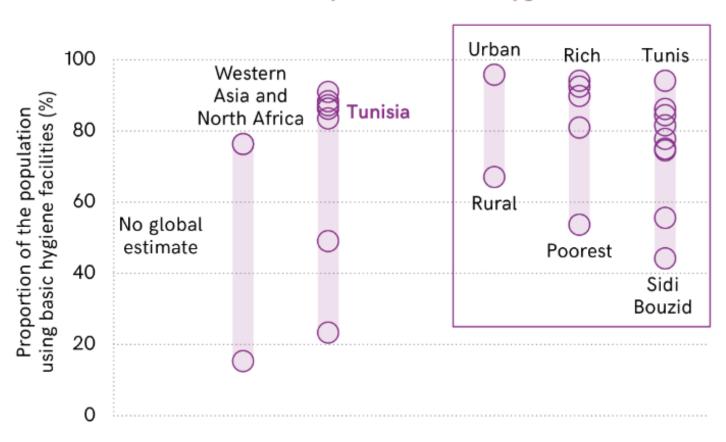




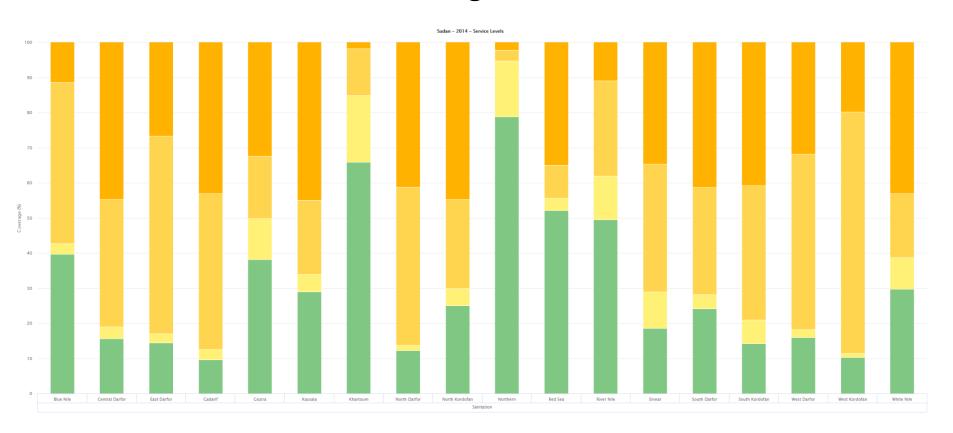




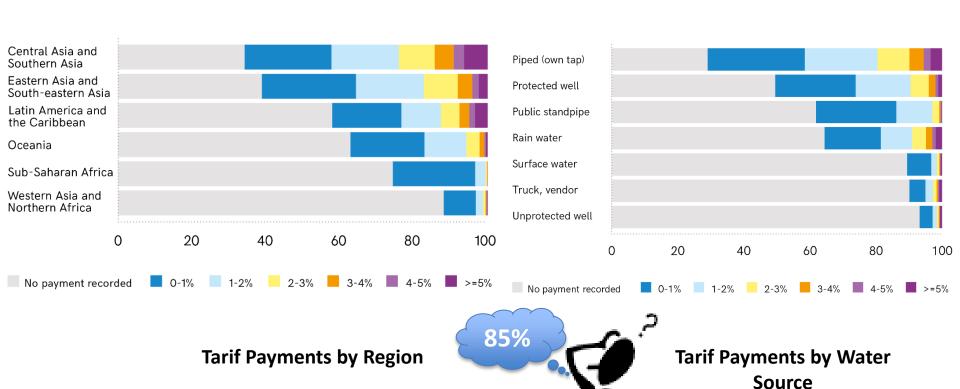
Inequalities in basic hygiene



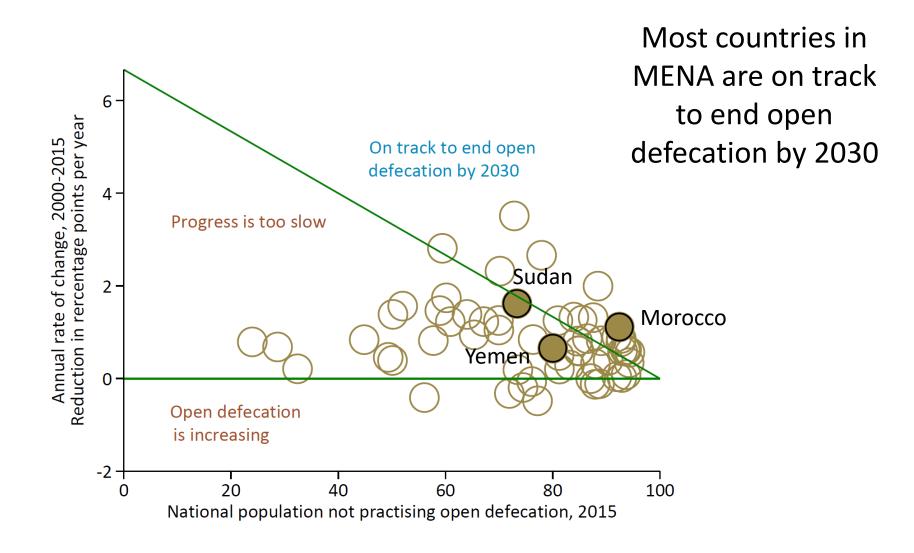
Disparities in Sanitation Coverage between Sub-National Regions in Sudan



WASH Expenditure/Affordability



Progress on WASH in MENA



The Human Face of WASH in MENA Region

Facts and Figures

- Over 45 million people, of whom over 16 million children, lack access to basic sanitation services
- About 20 million people, of whom over 7 million children, defecate in the open
- Over 30 million people, of whom over **11 million are children**, lack access to basic drinking water supply services
- Nearly 4 million children do not practice safe hygiene
- About 57% of wastewater generated in the region is untreated
- Rural children are twice more likely to only have access to unimproved drinking water sources compared to urban children
- It's nearly only rural children whom drink untreated surface water
- Rural children are nearly twice more likely to only have access to unimproved sanitation facilities compared to urban children
- It's nearly only rural children whom defecate in the open

Opportunities in MENA

Opportunities Include:

- Humanitarian-Development continuum
- Appropriate technologies
- Favorable climatic conditions
- Economies of scale
- Effluent reuse
- Advanced position on SDG ladders compared to other regions
- Social cohesion
- Diverse sources of innovative financing
- Regional financing instruments
- High education levels

The Human Face to Sub-Optimal WASH - Potential Inaction Impacts



