Senegal



Highlights based on country-reported GLAAS 2018/2019 data

The data presented in this UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS) country highlight are country government responses to the GLAAS 2018/2019 country survey. Since 2008, GLAAS has monitored key elements of national drinking-water, sanitation and hygiene (WASH) systems with a focus on governance, monitoring, human resources and finance. The data presented in this highlight are a snapshot of the WASH systems in the country and do not cover all aspects of the WASH sector. For more information, see https://www.who.int/water sanitation health/monitoring/investments/glaas/en/

I. To what extent has the government assumed responsibility for WASH and made themselves accountable?

NATIONAL POLICIES AND PLANS: EXISTENCE AND IMPLEMENTATION

							Human	Sufficient		
		Policy shared	Year policy			Sufficient	resources	human	Year plan	
		via public	approved/			finance for	assessed for	resources	approved/	
	Policy status	notice?	expected	Plan status	Plan costed?	plan?	plan?	for plan?	expected	Estimated cost
Urban sanitation		✓	2016	•	✓		×		2016	256 billion CFA francs
Rural sanitation		✓	2016		✓	0	X	•	2016	169 billion CFA francs
Urban drinking-water		✓	2016	•	✓	1	✓		2017	1 378 billion CFA francs
Rural drinking-water		✓	2016	•	✓	0	✓	0	2017	69.5 billion CFA francs
	_	<u> </u>	_				<u> </u>	<u> </u>		

Policy status: 🔾 No national policy; 🛈 Policy under development; 🏵 Existing policy undergoing revision; 🗨 Policy formally approved.

Plan status: O No plan; 🖰 Under development; 🛈 Approved, not implemented; 🌢 Approved, partially implemented; 🌢 Approved, fully implemented.

Policy shared, Plan costed and Human resources assessed: ✓ Yes; × No.

Sufficient finance and Sufficient human resources: O Less than 50% of what is needed; D Between 50% and 75% of what is needed; More than 75% of what is needed

SYSTEMS IN PLACE TO TRACK FUNDING FLOWS TO WASH

				Traceable	
		Availability		donor	Tracking of
	Financing	of WASH	Expenditure	funding	expenditure
	plan	budgets	reports	channels	sources
Urban sanitation			•		
Rural sanitation			•		
Urban drinking-water			•		
Rural drinking-water			•		
Hygiene promotion			•		
Einansing plan: O No plan	. A Undor do	volonmont:	Agrood incuffi	ciontly implo	mantad:

Financing plan: O No plan; 🗗 Under development; 🛡 Agreed, insufficiently implemented;

• Agreed, used in some decisions; • Agreed and consistently used.

WASH budgets: O No WASH budget data available; O Fewer than half of ministries listed have budget data; • Budget totals available for over half of ministries listed; • Total and disaggregated data available for ministries listed.

Expenditure reports: O No reports available; **O** Some donor, NGO or government reports available; Donor, NGO and government reports available.

Donor funding channels: O No information; **①** Total funding known, but no disaggregation by funding channel;

Total funding known with disaggregation by funding channel.

Tracking expenditure sources: \bigcirc No expenditure data; \bigcirc Some exenditure data provided but not disaggregated by subsector; • Expenditure data available for some sources;

Expenditure data available for all sources.

NOTE: More information on budgets and finance is available in section IV of this highlight.

MONITORING PROGRESS TOWARDS NATIONAL TARGETS

	Monitoring WASH targets
Government-led process for monitoring	✓
Frequency of assessment	
Sufficiency of human resources for monitoring	0
Government-led process: ✓ Yes; X No. Frequency of assessment: ○ Ad hoc; ○ Every 4+ years; ○ to 4 years; ○ Annually. Sufficient human resources: ○ Less than 50% of what is now Between 50% and 75% of what is needed; ● More than what is needed.	eeded;

PROGRESS TOWARD NATIONAL TARGETS

	Baseline			Current			
	value	Baseline year	Current value	year	Target value	Target year	Target description
Urban sanitation	62%	2016	67%	2017	70%	2020	Overall access rate
Rural sanitation	37%	2015	42%	2017	75%	2025	Access rate to rural sanitation
Urban drinking-water	98%	2015	99%	2017	98%	2025	Access rate to drinking-water
Rural drinking-water	87%	2015	91%	2017	90%	2021	Overall access rate to improved drinking-water
Hygiene promotion					57%	2021	Percentage of the population with on-site handwashing facilities with soap





II. What regulatory framework has been developed to support the quality and sustainability of services?

REGULATIONS AND STANDARDS

SANITATION DRI			DRINKING-WATER	Urban	Rural
Formal national treatment standards - on-site sanitation	V	1	Formal national standards - drinking-water	✓	✓
Formal national treatment standards - faecal sludge	✓		Surveillance requirements defined in formal instruments	~	✓
Formal national treatment standards - wastewater	✓		Roles and responsibilities for drinking-water safety defined	~	~
Formal national treatment standards - safe reuse	٧	1	Service delivery requirements beyond water quality	✓	✓
Surveillance requirements defined in formal instruments	٧	1			
SANITATION RISK MANAGEMENT	Urban	Rural	DRINKING-WATER RISK MANAGEMENT		
Sanitation safety planning	0	0	Water safety planning	•	•
✓ Yes; X No.					
Risk management: O No such instrument; O Instrument anticipated; O Inst	rument unde	er developr	ment; Instrument fully approved.		

REGULATORY AUTHORITIES

SCOPE OF RESPONSIBILITIES	Urban sanitation	Rural sanitation	Urban drinking-water	Rural drinking-water
Responsible for setting tariffs	×	×	×	×
Oversee drinking-water quality			✓	✓
Oversee effluent quality	✓	✓		
Oversee service coverage and quality of service	~	~	•	
delivery	*	^	^	^
REGULATORY AUTHORITY MANDATE				
Established by law	✓	✓	✓	✓
Located in different institution than service	- 1			-1
providers	•	•	•	•
Can publish findings independently without				
clearance	▼	•	*	•
✓ Yes; X No.				

FUNCTIONS OF REGULATORS

SANITATION	Urban	Rural	DRINKING-WATER	Urban	Rural
Collect population service coverage data from operators	×	A	Collect population service coverage data from providers	×	×
Set standards and monitor design, construction, use of plants/sewers	~	✓	Collect water quality data from service providers	×	×
Set standards and monitor design, construction, use of on-site systems	×	×	Publish accessible reports on drinking-water quality	×	×
Set standards and monitor faecal sludge management			Publish accessible reports on water service delivery	×	×
Publish accessible reports on flows and sludge volumes			Take corrective action against nonperformers	×	×
Publish accessible reports on quality of on-site sanitation services	×	×			
Take corrective action against nonperformers					
✓ Yes; ▲ Partially; 🗙 No.					

INDEPENDENT SURVEILLANCE								
SANITATION	Sewered wastewater effluent quality	On-site facilities	DRINKING-WATER	Urban	Rural			
Testing of effluent and sludge quality against national standards	•	0	Testing of water quality against national standards	•	•			
Independent assessment of risk management approaches	0	0	Independent assessment of risk management approaches		•			
Independent sanitary inspections at premises to assess risks	0	0	Independent sanitary inspections to assess risk					
Collection and review of service provider monitoring records	0	0	Collection and review of service provider monitoring records	•	1			
O Not done or insufficiently performed; O Performed but data not used;	 Performed a 	and informs	remedial action.					
SANITATION	Urban	Rural	DRINKING-WATER	Urban	Rural			
Adequacy of testing frequency	•	•	Adequacy of testing frequency					
Sufficiency of human resources for surveillance activities	0	0	Sufficiency of human resources for surveillance activities	0	0			
Adequacy of testing frequency: O No frequency requirement; O Less than 50%; O Between 50% and 75%; O Between 75% and 100%; 100% of required frequency. Sufficiency of human resources: O Less than 50% of what is needed; O Between 50% and 75% of what is needed; O More than 75% of what is needed.								

III. To what extent are stakeholders coordinated and what data are available for evidence-based decision-making?

INSTITUTIONAL ROLES - NUMBER OF LEAD AGENCIES

	Govern / Regulate	Provide Service	Monitor / Surveillance
Drinking-water	5	2	7
Hygiene promotion	2	1	2
Basic sanitation	3	1	2
Municipal wastewater	3	1	2
Faecal sludge collection and treatment	5	1	2

NOTE: Number indicates number of lead ministries and national institutions.

LIST OF MINISTRIES / INSTITUTIONS WITH ROLES IN WASH

National Hygiene Service (SNH); Directorate of Sanitation (DA); Senegal National Office of Sanitation (ONAS); Directorate of Hydraulics (DH); National Water Company of Senegal (SONES); Office of Rural Drilling (OFOR); Directorate of Management and Planning of Water Resources (DGPRE); Directorate for Cooperation and External Financing (DCFE); Ministry of the Economy, of Finance and Planning (MEFP); Ministry of Hydraulics and Sanitation (MHA); Ministry of Health and Social Action (MSAS); National Program for the Control of Nosocomial Infections (PRONALIN); Ministry of National Education (MEN); Directorate of School Buildings (DCS); Ministry of Environment and Sustainable Development (MEDD); Department of the Environment and Classified Establishments (DEEC)

INSTITUTIONAL WASH IN NATIONAL POLICY AND PLANS

	Included in policies / plans	Year that policy was approved or is expected							
WASH in health care facilities	~	Strategic Development Plan (PSD) in 2017; National Health Development Plan (PNDS) in 2009							
WASH In schools	V	2017							
Infection prevention and control	V	2004							
✓ Yes; X No.									

COORDINATION BETWEEN ACTORS

	Formal or informal coordination process
Mechanism to coordinate work of different ministries exists	
O No;	m exists.
· includes all ministries/agencies influencing service delivery	✓
· includes non-governmental stakeholders	✓
· includes donors that contribute to WASH activities nationally	✓
· includes mutual review and assessment	✓
· applies evidence-based decision-making	✓
· bases work on agreed sectoral framework or national plan	✓
· includes documentation of processes and activities	✓
· has a budget line allocated for coordination activities	✓
✓ Yes; ▲ Partially; X No.	

JOINT SECTOR REVIEW

				Sectors covered						
	Conducted	Year of most recent JSR	Title of JSR	Sanitation	Drinking- water	Hygiene	WASH in health care facilities	WASH In schools	Other	
Joint sector review (JSR)	✓	2018	Joint Sector Review	✓	~	✓	~	~		
✓ Yes; X No.										

DATA AVAILABILITY FOR DECISION-MAKING

		Drinking-	Health
SANITATION AND DRINKING-WATER	Sanitation	water	sector
Sector review and/or planning processes			
Resource allocation			
National standard or regulation development	1	•	
Targeting surveillance activities	1	•	
HEALTH SECTOR			
Identifying public health priorities for reducing WASH-related			
diseases			
Responding to WASH-related disease outbreaks			1
Identifying priority health care facilities needing WASH			
improvements			
O Limited data collection and			
for minority of decisions; Data			

IV. How sufficient are current resources and what actions are being taken to close resource gaps?

SUFFICIENCY OF HUMAN RESOURCES

				WASH in health care			
	Sanitation	Drinking-water	Hygiene	facilities	WASH in schools		
Achieving national targets							
	WASH sector						
Operations and maintenance							
Design/construction of WASH facilities and							
networks							
O Less than 50% of what is needed; ● Between 50% and 75% of what is needed; ● Over 75% of what is needed.							

UTILIZATION OF AVAILABLE FUNDS (ABSORPTION)

	Urban sanitation	Rural sanitation	Urban drinking-water	Rural drinking- water
Domestic commitments	0	\circ	0	0
Donor commitments	0	0	0	0
O Less than 50%; O Between 50% and 75%; O Over 75%.				

COST RECOVERY STRATEGIES

				Rural drinking-			
	Urban sanitation	Rural sanitation	Urban drinking-water	water			
Operations and basic maintenance covered by tariffs	•						
Cost recovery addressed in financing plan/budget	✓	✓	✓	✓			
Operations and maintenance covered by tariffs: ○ Less than 50%; Between 50% and 80%; Over 80%. Cost recovery addressed in plan: Yes; No.							

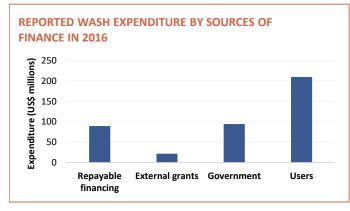
SUFFICIENCY OF FINANCIAL RESOURCES

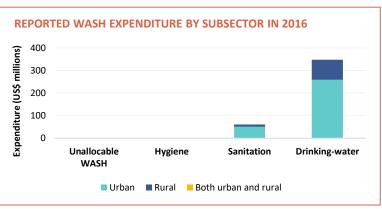
			Urban	Rural		WASH in health			
	Urban	Rural	drinking-	drinking-		care	WASH in		
	sanitation	sanitation	water	water	Hygiene	facilities	schools		
Implementation of national plan		0	1	0	1				
Achievement of national targets						0			
Estimated annual need to reach national targets (US\$ millions)	305.79	15.46	408.87	18.90	1.72	67.00	0.34		
Identified available finance from all sources (US\$ millions)	39.51	0.44	237.08	0.83	0.52		0.14		
O Less than 50% of what is needed; O Between 50% and 75% of what is neede	O Less than 50% of what is needed;								

WASH BUDGETS AND EXPENDITURES

	2013	2017	2018
Government WASH budget (US\$ millions, current US\$)	113.35	166.29	1 163.04
Government WASH budget per capita (current US\$)	8.03	10.49	71.38
Government WASH budget as a percentage of GDP	0.60%	0.88%	5.52%
	2012		2016
National WASH expenditure (US\$ millions, current US\$)	88.11		420.85
National WASH expenditure per capita (current US\$)	6.43		27.31
National WASH expenditure as a percentage of GDP	0.49%		2.22%

NOTE: Budgets reported for 2017 and 2018 are reported using different methods.





V. What actions are being taken to leave no one behind?

HUMAN RIGHTS

	Sanitation	Water
Does the constitution recognize the human rights to water and sanitation?	X	×
Do laws recognize the human rights to water and sanitation?	X	X
Has a court recognized the human rights to water and sanitation?	X	X
✓ Yes; X No.		

REACHING VULNERABLE GROUPS

			Sanitation			Drinking-water				
					Financing					Financial
	Measures				plan	Measures				plan
	to extend				includes	to extend				includes
	services to				measures to	services to				measures to
	group	Level of	Specific		target	group	Level of	Specific		target
	included in	implementa	coverage	Progress for	resources to	included in	implementa	coverage	Progress for	resources to
	policies or	tion of	targets for	group is	reduce	policies or	tion of	targets for	group is	reduce
	plans	measures	group	monitored	inequities	plans	measures	group	monitored	inequities
Poor populations	✓		×	✓		✓		×	✓	
Populations living in slums or informal	y		×	y		~		×	4	
settlements	•		^	•		•		^	•	
Populations living in remote or hard-to-reach	,		•			,		•		
areas	✓		×	✓		~		×	~	
Indigenous populations	NA		NA	NA	NA	NA		NA	NA	NA
Internally displaced persons and/or refugees	NA		NA	NA	NA	NA		NA	NA	NA
Women	✓		×	X		✓		X	X	
Ethnic minorities	NA		NA	NA	NA	NA		NA	NA	NA
People living with disabilities	✓		×	×		×		×	X	
Populations with a high burden of disease	×		×	X		×		X	X	
Other:	×		NA	NA	NA	×		NA	NA	NA

Measures included in plans, Specific coverage targets, and Progress is monitored: ✓ Yes; X No; NA = Not applicable.

Level of implementation: ○ Not yet implemented; **①** Partially implemented; **②** Fully implemented.

Measures in financing plan to reduce inequities: ○ No; ○ Yes, but not consistently applied; ○ Yes and measures applied.

AFFORDABILITY

			Urban	Rural		
	Urban	Rural	drinking-	drinking-		
	sanitation	sanitation	water	water		
Financial schemes to make access to WASH more affordable for vulnerable groups	•	•	•	•		
O No schemes exist; O Schemes exist, but not widely used; O Schemes exist and are widely used.						

SDG means of implementation target 6.b aims to support and strengthen the participation of local communities in improving water and sanitation management. WHO, in collaboration with partners, monitors this target through the GLAAS initiative, looking at existence of participation procedures, participation of women and availability of resources for participation.

PARTICIPATION PROCEDURES ESTABLISHED AT NATIONAL LEVEL								
	Participation procedures defined in laws or policy	Extent of participation by the service users	Women's participation specified	Extent of women's participation				
Urban sanitation	×	•	X	1				
Rural sanitation	×	•	X	1				
Urban drinking-water	×	•	X	1				
Rural drinking-water	×	•	X	1				
Hygiene promotion	×	•	X	1				
Water resources management	X	•	X	1				
	Participation procedures in law/policy and Women's participation specified: ✓ Yes; X No.							
Extent of participation: O Very low; O Low; O Mediu	m; 🗨 High; 🕻	Very high.						

GOVERNMENT RESOURCES FOR PUBLIC PARTICIPATION

	Financial resources	Human resources	Agency responsible for monitoring extent and effectiveness of participation			
Urban WASH	0	0	√			
Rural WASH	0	0	✓			
Water resources management	0	0	4			
Financial and human resources: O Less than 50% of what						

is needed; **①** Between 50% and 75% of what is needed;

Over 75% of what is needed. Responsible agency:
Yes;
No.

VI. To what extent have countries pursued the ambition of SDG 6?

The Sustainable Development Goals (SDGs) establish global aspirational targets leading up to 2030. Goal 6 aims to ensure the availability and sustainable management of water and sanitation for all. Governments are expected to set their own national targets guided by the global level of ambition while taking into account national circumstances. This section presents findings on the extent to which countries are pursuing the ambition of SDG 6 by incorporating elements of safely managed services and other SDG themes into national WASH policies, plans and coverage targets. In addition, WHO is a co-custodian of SDG 6 means of implementation targets 6.a and 6.b through the GLAAS initiative.

NATIONAL POLICIES AND PLANS: INCORPORATING SDG 6 ELEMENTS

				Urban	Rural
	Urban	Rural		drinking-	drinking-
SANITATION	sanitation	sanitation	DRINKING-WATER	water	water
Access to safely managed services	✓	✓	Access to safely managed services	✓	✓
Access to improved sources or facilities	✓	✓	Access to improved sources or facilities	✓	✓
Climate resilience of WASH technology	×	×	Climate resilience of WASH technology	×	×
Open defecation	×	✓	Affordability measures	✓	✓
Reuse of municipal wastewater and faecal sludge	✓	V	Household connections	4	✓
Municipal wastewater and sewerage	✓	✓	HYGIENE		
Faecal sludge collection and transport	✓	V	Promotion of handwashing with soap	٧	,
Faecal sludge treatment	✓	✓	Safe menstrual hygiene management	٧	7
✓ Yes; X No.					

NATIONAL COVERAGE TARGETS: INCORPORATING SDG 6 ELEMENTS IN NATIONAL COVERAGE CRITERIA

	Urban	Rural		Urban drinking-	Rural drinking-		
SANITATION	sanitation	sanitation	DRINKING-WATER	water	water		
Excreta is transported via a sewerage network and treated off-site	•	0	Minimum volume of water per day	•			
Excreta is temporarily stored, emptied, and treated offsite	0	0	Minimum service hours per day	0	0		
Excreta is treated and disposed of on-site	0	0	Maximum roundtrip collection time, including queuing	0	0		
Improved sanitation facilities	•	•	Maximum roundtrip distance	0	0		
Shared sanitation facilities between two or more households	0	0	Drinking-water is accessible on premises	•	•		
			Drinking-water is free from contamination	•	•		
Target year	2020	2025	Target year	2025	2021		
Target value	70%	75%	Target value	98%	90%		
HYGIENE							
Handwashing facility on premises							
Soap and water on premises							
O Not included in target; 🛈 Included in target, but monitoring data not available; 🗨 Included in target and monitoring data available.							

TARGET-SETTING PROCESSES: ARE THE FOLLOWING ELEMENTS INCLUDED?

	Sanitation	Drinking- water	Hygiene	WASH in health care facilities
Inclusion of stakeholders	✓	✓	✓	✓
Baseline analysis	✓	V		
Financial analysis	✓	~		
Human resources needs assessment	×	~		
Public consultation	×	×	×	×
Revisions based on public consultation	×	✓	×	×
Political endorsement	V	V	V	✓
Public sharing of final targets	✓	V	✓	✓
✓ Vec: ¥ No				

SDG means of implementation target 6.a aims to expand international cooperation and capacity-building support for water- and sanitation-related activities and programmes. WHO monitors international cooperation between donor and recipient governments for this target.

