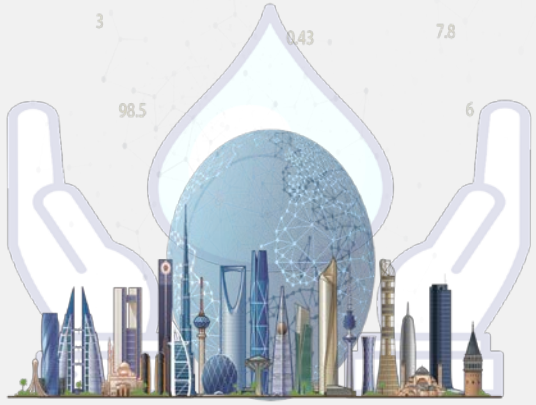
UNSD
United Nations Statistics Division

المركز الإحصائي
لدول مجلس التعاون لدول الخليج العربية
GCC-STAT



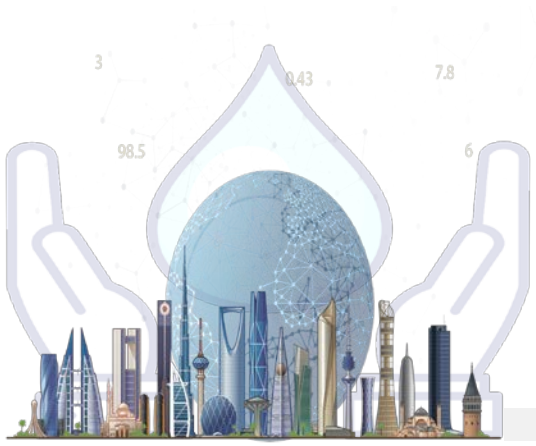
Water Statistics in the GCC:
Experience and Integration with the UNSD Questionnaire

The twelfth meeting of the Expert Group on Environment and Climate Change Statistics (EG-ECCS) in London from 23 to 25 September 2025

Presented by Ibtihaj Al Siyabi
Environmental Statistician
GCC-STAT

Outline

1. GCC-STAT: Background
2. Overview of Water Statistics Project (2015-2025)
3. Methodology
4. Results and Challenges in 2015-2020
5. Overcoming Challenges- An Examples
6. Building Beyond Challenges
7. A Decade of Progress
8. Expanding Insights
9. Current Challenge
10. Future Steps to Develop water statistics for GCC countries



GCC-STAT: Background

2011 September

Approval of the establishment of the center by the Ministerial Council

2012 December

The Supreme Council issued a decision in its (33) session **approving the Centre's bylaws**.

2013

- ✓ Identifying **10 priority projects**
- ✓ Defining strategic **objectives**
- ✓ **Coordinating** statistical work with the Secretariat

2014 September

Analysis of the **status** of statistical fields.

2015 September

Strategic Plan for Joint Statistical Work **2015-2020**

Ministerial Council - 136th Session

2016

National implementation plans at the level of each Member State.

2017

The Center joined under the **umbrella** of the General Secretariat

Establishment of the **Permanent Committee** for Statistical Work Affairs

Ministerial Council - 142th Session

2018

Planning for the Future of Statistical Work **2019-2030**

2019

Interim evaluation of the strategic plan

2025

Strategic Plan for Joint Statistical Work 2021-2025

2030 Smart statistical center

Overview of Water Statistics Project (2015-2025)

Project Launch Aligned with GCC Unified Water Strategy (2015–2035)

1. **Compilation** of local, regional, and international statistical needs
2. **Unified** Statistical Questionnaire for Countries
3. **Regional Workshop** on the Questionnaire for Statistical Centers
4. **Regional Teams** for Water Statistics Questionnaire
5. **Compiling** National Water Data into the Questionnaire
6. **Providing** Technical Assistance
7. **Questionnaire:** Final Review & Approval

Enhancing water management by providing data that meets regional and international needs.

Methodology

- Renewable Fresh water Resources (TT 1)
- Inland water stocks (TT 1.2)
- Fresh water Abstraction and Use (TT 2)
- Water Supply Industry (TT 3)
- Waste water Generated and Treatment (TT 4)
- Population Connected to wastewater Treatment (TT 5)
- Freshwater Quality (TT 6)
- Marine water Quality (TT 7)
- Water Infrastructure (TT 8).

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 1: Renewable Freshwater Resources

Line	Category	Unit	FDES Code	Metadata البيانات الوصفية: Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	Precipitation	mio m^3/y	2.6.1.a.1													
2	Actual evapotranspiration	mio m^3/y	2.6.1.b.1													
3	Internal flow (=1-2)	mio m^3/y														
4	Inflow of surface and groundwaters from neighbouring countries	mio m^3/y	2.6.1.a.2													
5	Renewable freshwater resources (=3+4)	mio m^3/y														
6	Outflow of surface and groundwaters to neighbouring countries	mio m^3/y	2.6.1.b.2													
7	of which: Secured by treaties	mio m^3/y	2.6.1.b.3													
8	Not secured by treaties	mio m^3/y														
9	Outflow of surface and groundwaters to the sea	mio m^3/y	2.6.1.b.4													

Table 1.2: Renewable Freshwater Resources

Line	Category	Unit	FDES Code	Metadata البيانات الوصفية: Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	Surface water stocks in artificial reservoirs	mio m^3/y	2.6.1.c.1													
2	Surface water stocks in lakes	mio m^3/y	2.6.1.c.2													
3	Surface water stocks in rivers and streams	mio m^3/y	2.6.1.c.3													
4	Surface water stocks in wetlands	mio m^3/y	2.6.1.c.4													
5	Groundwater stocks	mio m^3/y	2.6.1.c.6													

FDES Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 2: Renewable Freshwater Resources		Metadata											
Line	Category	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	Fresh surface water abstracted													
2	Fresh groundwater abstracted													
	Fresh groundwater abstracted													
	Brackish Groundwater abstracted													
	Saline Groundwater abstracted													
	From renewable groundwater resources													
	From non-renewable groundwater resources													
	Water abstracted for own use													
	Water abstracted for distribution													
3	Gross freshwater abstracted (=1+2)													
4	Water returned without use													
5	Net freshwater abstracted (=3-4)													
	of which abstracted by:													
6	Water supply industry (ISIC 36)													
7	Households													
8	Agriculture, forestry and fishing (ISIC 01-03)													
9	*of which for:* Irrigation in agriculture													
10	Mining and quarrying (ISIC 05-09)													
11	Manufacturing (ISIC 10-33)													
12	Electricity, gas, steam and air conditioning supply (ISIC 35)													
13	*of which for:* Electric power generation, transmission and distribution (ISIC 351)													
14	Construction (ISIC 41-43)													
15	Other economic activities													
16	Desalinated water													
	Water abstraction from the sea													
	Groundwater is used for mixing before desalination Process													
	Groundwater is used for mixing after desalination Process													
17	Reused water													
	Rainwater collection													
18	Imports of water													
19	Exports of water													
	Returns of water													
20	Total water available for use (=5+16+17+18-19)													

GCC Geographical Specification Variables

FDES Variables

GCC Geographical Specification Variables

FDES Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 2: Renewable Freshwater Resources		Metadata												
Line	Category	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
21	Losses during transport													
22	**Total freshwater use =(20-21)**													
	of which used by:													
23	Households													
	Public Network - Drinking Water													
	Public Network - Other use													
	Water Truck - Drinking Water													
	Water Truck - Other use													
	Wells - Drinking Water													
	Wells - Other use													
	Other - Drinking Water													
	Other - Other use													
24	Agriculture, forestry and fishing (ISIC 01-03)													
25	*of which for:* Irrigation in agriculture													
26	Mining and quarrying (ISIC 05-09)													
27	Manufacturing (ISIC 10-33)													
28	Electricity, gas, steam and air conditioning supply (ISIC 35)													
29	*of which for:* Electric power generation, transmission and distribution (ISIC 351)													
30	Construction (ISIC 41-43)													
31	Other economic activities													

GCC Geographical Specification Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table W3: Water Supply Industry (ISIC 36)		Metadata												
Line	Category	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	**Gross freshwater supplied by water supply industry (ISIC 36)**													
2	Losses during transport by ISIC 36													
3	Net freshwater supplied by water supply industry (ISIC 36)													
	of which supplied to:													
4	Households													
5	Agriculture, forestry and fishing (ISIC 01-03)													
6	Mining and quarrying (ISIC 05-09)													
7	Manufacturing (ISIC 10-33)													
8	Electricity, gas, steam and air conditioning supply (ISIC 35)													
9	*of which to:* Electric power generation, transmission and													
10	Construction (ISIC 41-43)													
11	Other economic activities													
	Commercial Sector													
	Government Sector													
	Other													
	Population supplied by water supply industry (ISIC 36)													
12	**Total population supplied by water supply industry (ISIC 36)**													
13	Urban population supplied by water supply industry (ISIC 36)													
14	Rural population supplied by water supply industry (ISIC 36)													

GCC Geographical Specification Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table W4: Wastewater Generation and Treatment				Metadata												
Line	Category	Unit	FDES Code	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	**Total wastewater generated**	1000 m3/d	2.3.1.a.													
2	*by:* Agriculture, forestry and fishing (ISIC 01-03)	1000 m3/d														
3	Mining and quarrying (ISIC 05-09)	1000 m3/d														
4	Manufacturing (ISIC 10-33)	1000 m3/d														
5	Electricity, gas, steam and air conditioning supply (	1000 m3/d														
6	*of which by:* Electric power generation, transmission ar	1000 m3/d														
7	Construction (ISIC 41-43)	1000 m3/d														
8	Other economic activities	1000 m3/d														
9	Households	1000 m3/d														
	Volume of Wastewater collected	1000 m3/d	2.3.2.a.													
	Volume of Waste Water treated	1000 m3/d	2.3.2.b.													
10	Wastewater treated in urban wastewater treatment plants	1000 m3/d														
11	*of which:* Primary treatment	1000 m3/d														
12	Secondary treatment	1000 m3/d														
13	Tertiary treatment	1000 m3/d														
14	Wastewater treated in other treatment plants	1000 m3/d														
15	*of which:* Primary treatment	1000 m3/d														
16	Secondary treatment	1000 m3/d														
17	Tertiary treatment	1000 m3/d														
18	Wastewater treated in independent treatment facilities	1000 m3/d														
19	Non-treated wastewater	1000 m3/d														
20	Sewage sludge production (dry matter)	1000 t														

FDES Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 5: Population Connected to Wastewater Treatment				Metadata												
Line	Category	Unit	FDES Code	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	Population connected to wastewater collecting system	%														
2	Population connected to wastewater treatment	%														
3	*of which:* at least secondary treatment	%														
4	Population with independent wastewater treatment (e.g., septic tank(s))	%														
5	Population not connected to wastewater treatment (100% - (2) - (4))	%														

Table 6: Fresh water Quality				Metadata												
Line	Category	Unit	FDES Code	Contat	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Comment
1	Nutrients and chlorophyll		2.3.1.a													
	1.1 Concentration level of nitrogen	mg N/l	2.3.1.a.1													
	1.2 Concentration level of phosphorous	mg P/l	2.3.1.a.2													
	1.3 Concentration level of chlorophyll A	mg chl-a/l	2.3.1.a.3													
2	Organic matter		2.3.1.b													
	2.1 Biochemical oxygen demand (BOD)	mg O2/l	2.3.1.b.1													
	2.2 Chemical oxygen demand (COD)	mg O2/l	2.3.1.b.2													
3	Pathogens		2.3.1.c													
	3.1 Concentration levels of faecal coliforms	MPN/100ml	2.3.1.c.1													
4	Metals (e.g., mercury, lead, nickel, arsenic, cadmium)		2.3.1.d													
	4.1 Concentration levels in sediment and freshwater	Concentration	2.3.1.d.1													
	4.2 Concentration levels in freshwater organisms	Concentration	2.3.1.d.2													
5	Organic contaminants (e.g., PCBs, DDT, pesticides, furans, dioxins, phenols, radic		2.3.1.e													
	5.1 Concentration levels in sediment and freshwater	Concentration	2.3.1.e.1													
	5.2 Concentration levels in freshwater organisms	Concentration	2.3.1e.2													
6	Physical and chemical characteristics		2.3.1.f													
	6.1 pH/Acidity/Alkalinity	Level	2.3.1.f.1													
	6.2 Temperature	Celuis Degrees	2.3.1.f.2													
	6.3 Total suspended solids (TDS)	mg/l	2.3.1.f.3													
	6.4 Salinity	Concentration	2.3.1.f.4													
	6.5 Dissolved oxygen (DO)	mg O2/l	2.3.1.f.5													
7	Plastic waste and other freshwater debris		2.3.1.g													
	7.1 Amount of plastic waste and other debris	Area, Mass	2.3.1.g.1													

FDES Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 7: Marine Water Quality			Metadata											
Line	Category	Unit	Contat	Source	Methodology	Confidentialit	Accessibility	Periodicit	Management	Relevanc	Accuracy	Timeliness	Comparabilit	Coherenc	Comment
1	Nutrients and chlorophyll														
	1.1 Concentration level of nitrogen	mg N/l													
	2.1 Concentration level of phosphorous	mg P/l													
	3.1 Concentration level of chlorophyll A	mg chl-a/l													
2	Organic matter														
	1.2 Biochemical oxygen demand (BOD)	mg O2/l													
	2.2 Chemical oxygen demand (COD)	mg O2/l													
3	Pathogens														
	3.1 Concentration levels of faecal coliforms in recreation	Concentration													
4	Metals (e.g., mercury, lead, nickel, arsenic, cadmium)														
	4.1 Concentration levels in sediment and marine water	Concentration													
	These include: Levels of concentration in sediments	Concentration													
	Levels of concentration in marine waters	Concentration													
	4.2 Concentration levels in marine organisms	Concentration													
5	Organic contaminants (e.g., PCBs, DDT, pesticides, furans, dioxins, phenols, radi														
	5.1 Concentration levels in sediment and marine water	Concentration													
	5.2 Concentration levels in marine organisms	Concentration													
6	Physical and chemical characteristics														
	6.1 pH/Acidity/Alkalinity	Level													
	6.2 Temperature	Celuis Degrees													
	6.3 Total suspended solids (TDS)	mg/l													
	6.4 Salinity	Concentration													
	6.5 Dissolved oxygen (DO)	mg O2/l													
	6.6 Density	g/cm3													
7	Coral bleaching														
	7.1 Area affected by coral bleaching	Area													
8	Plastic waste and other marine debris														
	8.1 Amount of plastic waste and other debris in marine w	Area, Mass													
9	Red tide														
	9.1 Occurrence	Number													
	9.2 Impacted area	Area													
	9.3 Duration	Duration													
10	Oil pollution														
	10.1 Area of oil slicks	Area (M3)													
	10.2 Amount of tar balls	Area, Diameter, Nu													

1	3.3.1.a
	3.3.1.a.1
	3.3.1.a.2
	3.3.1.a.3
2	3.3.1.b
	3.3.1.b.1
	3.3.1.b.2
3	3.3.1.c
	3.3.1.c.1
4	3.3.1.d
	3.3.1.d.1
	3.3.1.d.2
5	3.3.1.e
	3.3.1.e.1
	3.3.1.e.2
6	3.3.1.f
	3.3.1.f.1
	3.3.1.f.2
	3.3.1.f.3
	3.3.1.f.4
	3.3.1.f.5
	3.3.1.f.6
7	3.3.1.g
	3.3.1.g.1
8	3.3.1.h
	3.3.1.h.1
9	3.3.1.i
	3.3.1.i.1
	3.3.1.i.2
	3.3.1.i.3
10	3.3.1.j
	3.3.1.j.1
	3.3.1.j.2

FDES Variables

GCC Geographical Specification Variables

FDES Variables

Methodology

Since 2015, GCC-Stat has adopted the UNSD Water Questionnaire to standardize water statistics across member states.

Table 8: Water Sector Infrastructure				Metadata													
Line	Category	Unit	FDES Code	Contact	Source	Methodology	Confidentiality	Accessibility	Periodicity	Management	Relevance	Accuracy	Timeliness	Comparability	Coherence	Commitment
1	Priciptation stations - Number	Number														
2	WWTP stations - Number	Number	2.3.2.b.1													
3	Primary treatment - Mechanical treatment	Number														
4	Secondary treatment - Biological treatment	Number														
5	Tertiary treatment - Advanced treatment	Number														
6	WWTP stations - Design Capacity	1000 m³/d	2.3.2.b.2													
7	Primary treatment - Mechanical treatment	1000 m³/d														
8	Secondary treatment - Biological treatment	1000 m³/d														
9	Tertiary treatment - Advanced treatment	1000 m³/d														
10	WWTP stations - Design Capacity	(BOD) kg / day	2.3.1.b													
11	Primary treatment - Mechanical treatment	(BOD) kg / day														
12	Secondary treatment - Biological treatment	(BOD) kg / day														
13	Tertiary treatment - Advanced treatment	(BOD) kg / day														
14	Desalination stations - Number	Number														
15	Multi-Stage Flash Distillation (MSF)	Number														
16	Reverse Osmose (RO)	Number														
17	Multiple effect distillation (MED)	Number														
18	Other	Number														
19	Desalination stations - Design Capacity	1000 m³/d														
20	Multi-Stage Flash Distillation (MSF)	1000 m³/d														
21	Reverse Osmose (RO)	1000 m³/d														
22	Multiple effect distillation (MED)	1000 m³/d														
23	Other	1000 m³/d														
24	Water Quality stations - Number	Number														
25	Lakes - Number	Number														
26	Lakes - Volume capacity	Mm³														
27	Reservoirs - Number	Number														
28	Reservoirs - Design Capacity	Mm³														
29	Dams - Number	Number														
30	Dams - Design Capacity	Mm³														
31	Aflag - Number	Number														
32	Water distribution Network	Length														
	of which: Wastewater collected Network	Length														
	Municipal water distributed Network	Length														
33	Number of water connections	Number														
	of which: Wastewater collected connection	Number														
	Municipal water distributed connectic	Number														
34	Water Truck - Number	Number														
	of which: Wastewater Truck	Number														
	Municipal Water distributed Truck	Number														
35	Water Truck - Volume	Mm³														
	of which: Wastewater Truck	Mm³														
	Municipal Water distributed Truck	Mm³														
36	Wells	Number														

FDES Variables

GCC Geographical Specification Variables

Results and Challenges in 2015-2020

Results	Challenges
Renewable Freshwater Resources (TT1)	
Only Precipitation variable available for all countries	Differences in the Units used
Freshwater Abstraction and Use (TT2)	
Surface Water Abstraction - only 3 countries	Data not previously published as historical time series by NSC
Ground water Abstraction: mostly brackish (more salinity than fresh water)	Different terms used, Double counting, Sectorial Abstraction, Metadata availability
Desalinated Water Production - Used in all countries – main source of fresh water	Source of Water not identified
Reused Water - Used mainly for agriculture and landscaping in all countries.	Data only covered 2012-2014
Freshwater Use - Production appeared to be less than consumption	Problem with previous studies Not possible to derive GCC totals
New Methodology	Now able to provide accurate measures

Results and Challenges in 2015-2020

Results	Challenges
Water Supply Industries (ISIC Code 36) (TT3)	
Gross and net of water published by all countries.	Countries divided sectors differently.
Wastewater Generation and Treatment (TT4)	
Two variables available : volume of wastewater collected and wastewater treatment	Inconsistency in the Unit used
Population Connected to Wastewater Treatment (TT5)	
Data published by countries	Methodology wasn't specified
Water Infrastructure (TT8)	
Design Capacity of (Desalinated plants, Wastewater Treatment Plant & Dams)	Types of Technology is not given.

Overcoming Challenges- An Examples

TT 2.5 Total Freshwater Use

Problem: Data obtained from previous studies suggested that production was less than consumption.

Year	Country (1)	Country (2)	Country (3)	Country (4)	Country (5)	Country (6)	Total
Production (billion Gallon)							
2008	291	83	43	358	120	35	**930**
2009	270	90	48	372	123	42	**945**
2010	234	99	51	376	125	49	**934**
Consumption (billion Gallon)							
2008	357	66	42	323	120	36	**944**
2009	358	73	46	344	123	39	**983**
2010	443	80	50	345	125	45	**1088**

Overcoming Challenges- An Examples

Solution:

1. Collected data for water resources of each country:(Surface water, ground water, reused water and loss during transport)
2. Applied UN model

3. Accurate data : production larger than consumption

Year	Country (1)	Country (2)	Country (3)	Country (4)	Country (5)	Country (6)	Total
Production (billion Gallon)							
2008	3913	130	74	351	224	29	**4721**
2009	3868	137	78	364	235	35	**4717**
2010	3838	146	81	844	237	48	**5194**
Consumption (billion Gallon)							
2008	419	47	42	323	114	24	**969**
2009	449	66	47	342	118	27	**1049**
2010	488	69	51	342	123	24	**1097**

Building Beyond Challenges

The GCC's First Set of 15 Water Indicators

https://www.gccstat.org/images/gccstat/docman/publications/169-water-statistics-bulletin-in-gcc-2014.pdf

A Decade of Progress

From Limited Data to Robust Reporting

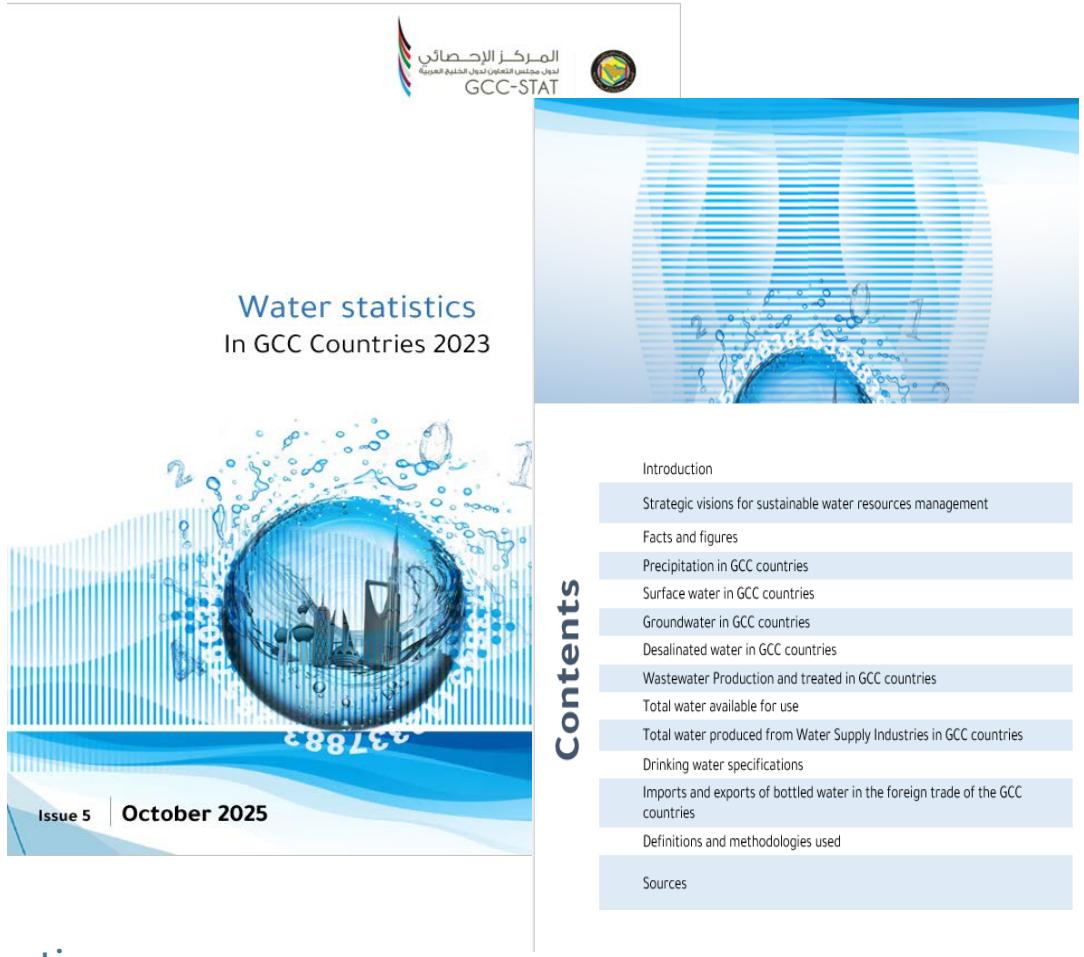
2015	Water Stat- TT	Country 1	Country 2	Country 3	Country 4	Country 5	Country 6
	Table 1: Renewable Freshwater Resources	11%	56%	11%	11%	33%	22%
	Table 2:Freshwater Abstraction and Use	16%	3%	0%	0%	39%	45%
	Table 3: Water Supply Industries	14%	14%	14%	14%	14%	79%
	Table 4: Wastewater Generated and Treated	20%	20%	0%	5%	10%	0%
	Table 5: Population connected to wastewater Treatment	0%	1%	0%	0%	0%	20%
	Table 6: Freshwater Quality	0%	0%	0%	0%	0%	50%
	Table 7: Marine Water Quality	0%	0%	0%	0%	0%	4%
	Table 8: Water Infrastructure	33%	0%	3%	8%	8%	19%

2025	Water Stat- TT	Country 1	Country 2	Country 3	Country 4	Country 5	Country 6
	Table 1: Renewable Freshwater Resources	33%	56%	11%	100%	100%	44%
	Table 2:Freshwater Abstraction and Use	84%	100%	65%	68%	58%	74%
	Table 3: Water Supply Industries	71%	100%	36%	43%	86%	79%
	Table 4: Wastewater Generated and Treated	25%	95%	35%	35%	30%	25%
	Table 5: Population connected to wastewater Treatment	60%	80%	40%	60%	80%	100%
	Table 6: Freshwater Quality	0%	13%	25%	0%	0%	50%
	Table 7: Marine Water Quality	44%	32%	36%	16%	52%	4%
	Table 8: Water Infrastructure	64%	69%	50%	39%	81%	81%

Expanding Insights

Increase in GCC Water Indicators in 2025

"Unified Reporting Framework: **Aligning** the UNEP/UNSD Questionnaire with GCC Strategy Indicators to Strengthen Regional Cooperation and Shared Vision"



https://www.gccstat.org/images/gccstat/docman/publications/169-water-statistics-bulletin-in-gcc-2014.pdf

Current Challenge

Monitoring Water Quality Data

- **Variation in reporting frequency:** some countries provide daily data, while others report periodically.
- **Inconsistency in data coverage:** Some countries report only **drinking water quality**.
- Others include **groundwater** quality.
- Some report **desalinated water** quality separately.

The main challenge is to harmonize water quality data collection across all freshwater sources.

Future Steps to Develop water statistics for GCC countries

Next Steps for Advancing Water Statistics in the GCC

Enhancing Water Statistics via the GCC Environmental Performance Indicator

Project

2024-2026

GCC Environmental Performance Index – Water Component:

- **Environmental Health Dimension**
  - **Main indicator : Water Quality**
    - Water Quality
    - Saline Water Disposal and Marine Impact
    - Access to Safe Drinking Water
- **Ecosystem Vitality Dimension**
  - **Main Indicator: Water Resources Management**
    - Water Stress
    - Water Reuse Rate
    - Per Capita Water Consumption
    - Desalination Efficiency
    - Groundwater Sustainability
    - Irrigation System Efficiency

Future Steps to Develop water statistics for GCC countries

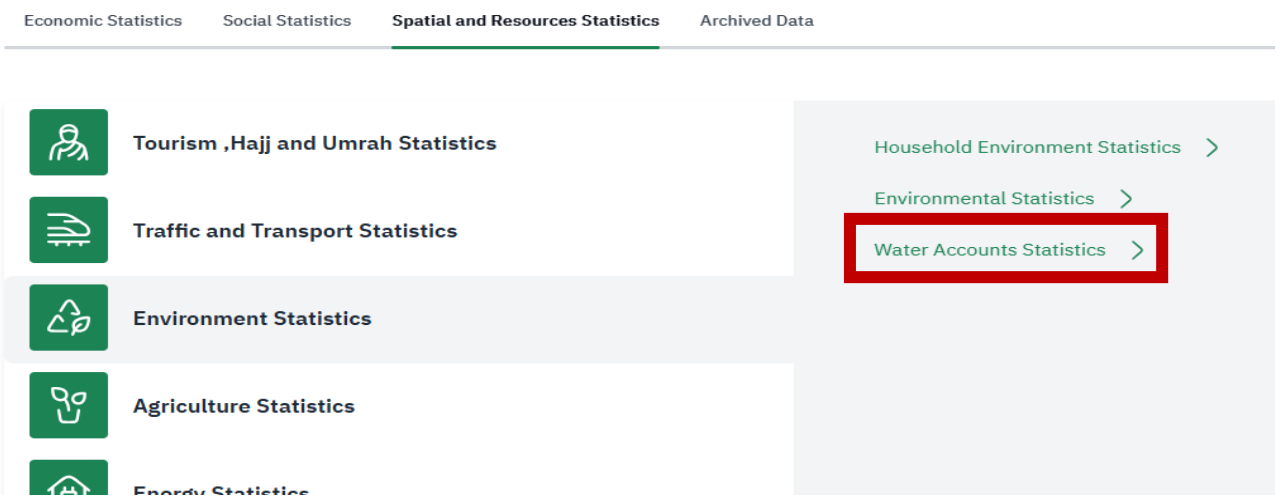
Next Steps for Advancing Water Statistics in the GCC

Strengthening the Water Statistical System

Project

2021-2030

- ❑ Utilizing the International Framework for Economic and Environmental Water Accounts (SEEA-Water).
- ❑ Successful experience implemented in the GCC,(2024).



https://www.stats.gov.sa/en/statistics?index=124295

Thank You!

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