

Monitoring Gender in WASH

30th April 2024 | 15:30 – 17:45 IST



Engendering WASH Monitoring and Evaluation at the Global and National Levels

Dr. Sheela S. Sinharoy, Emory University, USA



EMORY
ROLLINS
SCHOOL OF
PUBLIC
HEALTH

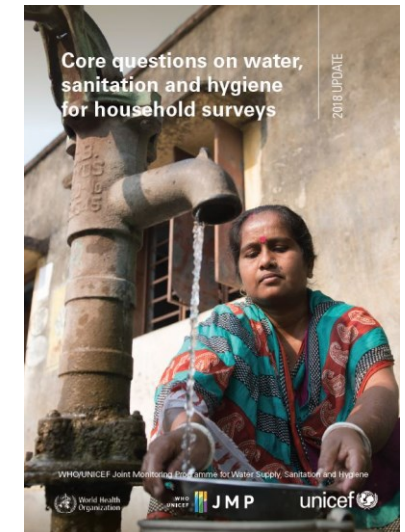
edge

Evidence and Data
on Gender and
the Environment



Background: SDG 6.1 and 6.2

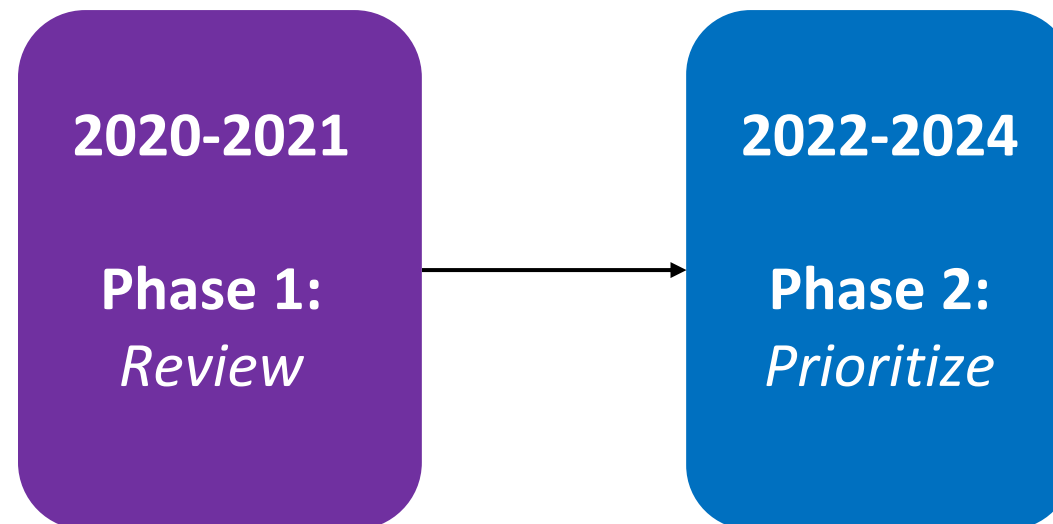
SDG global targets	SDG global indicators
6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all	6.1.1 Proportion of population using safely managed drinking water services
6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and 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 (a) safely managed sanitation services and (b) a hand-washing facility with soap and water Additional indicator for SDG 6.2: Proportion of population practising open defecation



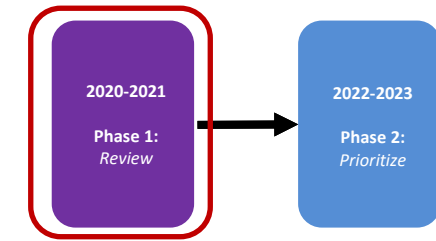
Gender review and indicator prioritization

WHO/UNICEF Joint Monitoring Program (JMP) contracted Emory University to support gender integration into SDG 6 monitoring

- May 2020-June 2021: Review of opportunities for enhanced monitoring of gender in relation to Sustainable Development Goal 6 targets (6.1, 6.2, 6.a, and 6.b)
- October 2022-March 2024: Gender in WASH Indicator Prioritization

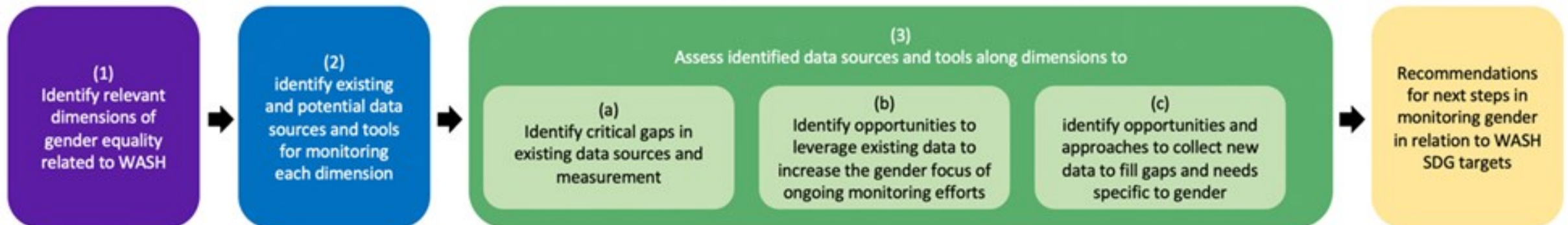


Gender review aims and process

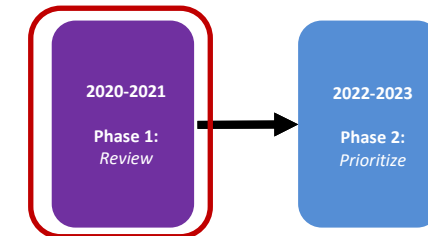


Aims:

- Identify relevant dimensions of gender equality related to WASH;
- Identify existing and potential data sources and tools for monitoring each dimension; and
- Assess identified data sources and tools along dimensions to
 - Identify critical gaps in existing data sources and measurement;
 - Identify opportunities to leverage existing data to increase the gender focus of ongoing monitoring efforts; and
 - Identify opportunities and approaches to collect new data to fill gaps and needs specific to gender.



Gender review: conceptual framework



(1)
Identify
relevant
dimensions
of gender
equality
related to
WASH



A Conceptual Framework to Inform National and Global Monitoring of Gender Equality in WASH

Prepared by Bethany A. Caruso, Amelia Conrad, Allison Salinger, Madeleine Patrick, Awa Youm, and Sheela Sinharoy
Emory University

- Produced a conceptual framework, identifying relevant dimensions of gender equality related to WASH based on a literature review.
- Available from:
<https://washdata.org/monitoring/inequalities/gender>

Report citation: Caruso, B.A., Conrad, A., Salinger, A., Patrick, M., Youm, A., & Sinharoy, S. 2021. A Conceptual Framework to Inform National and Global Monitoring of Gender Equality in WASH. WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation, and Hygiene, June 2021

Multi-Level Enabling Environment

- Social Context
- Norms
- Legal Frameworks & Governance
- Physical Environment
- Markets

Access to Resources

- Safety & Freedom from Violence
- Privacy
- Health
- Social Capital
- Financial Resources & Physical Assets
- Knowledge & Information
- Time and Labor

Ability to Meet WASH Needs

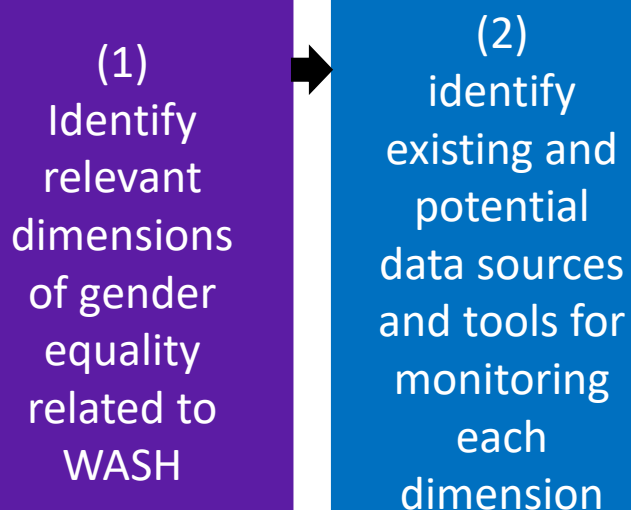
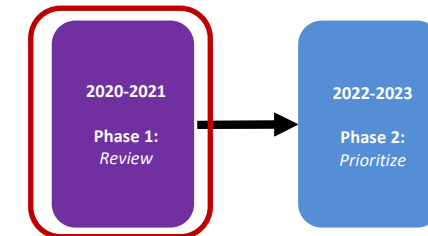
- Female-friendly design
- Ability to meet needs
- Coping mechanisms

WASH-Related Empowerment

Ability to Exercise Agency

- Household Decision-Making
- Public Participation
- Freedom of Movement

Gender review process

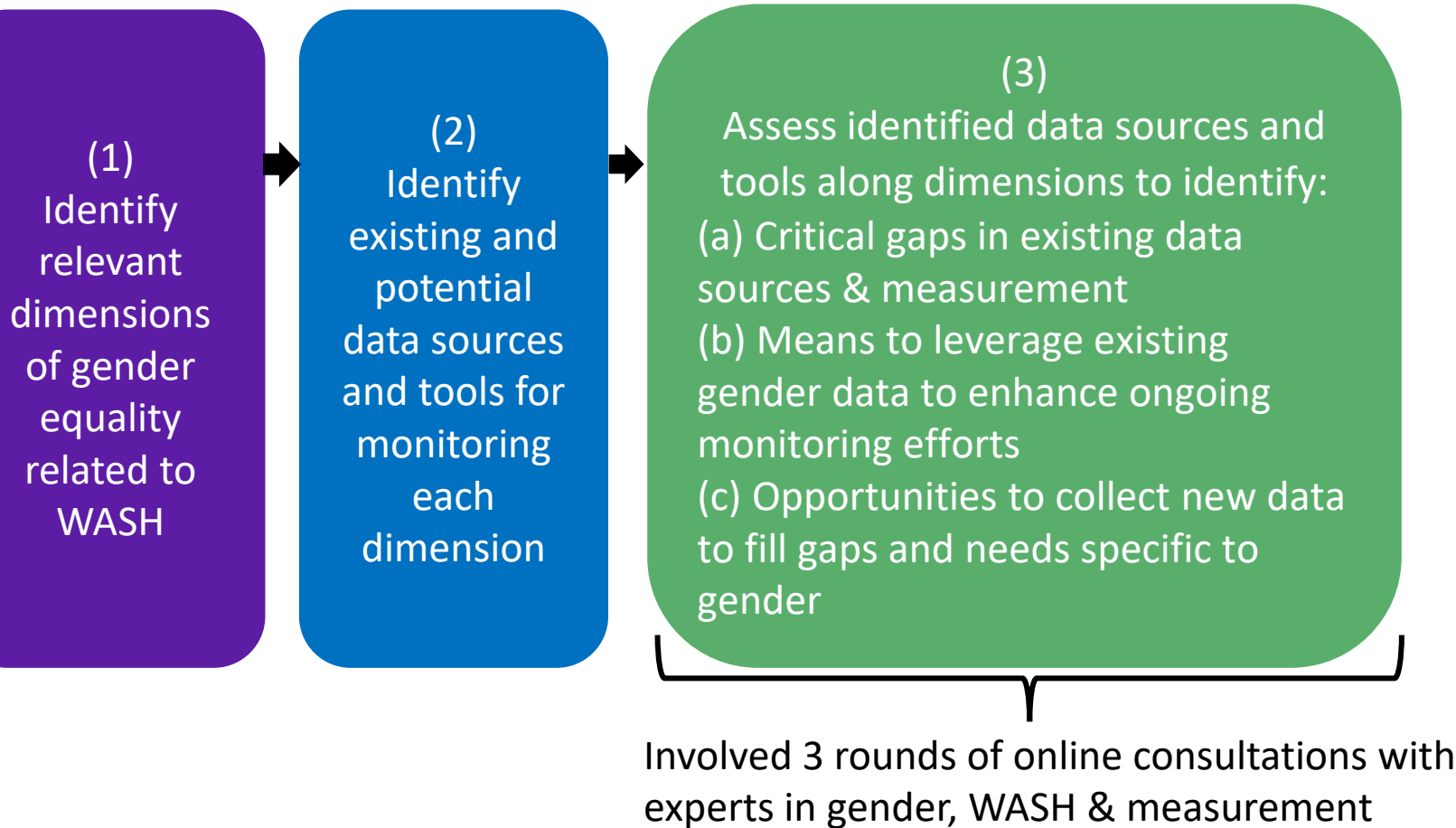
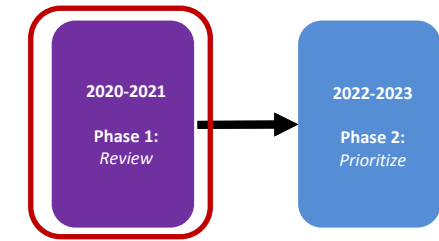


- Reviewed & created compendium of 78 tools
- Coded and sorted measures, items, and indicators according to the conceptual framework dimensions

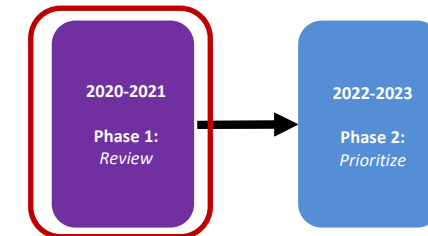
Long Name of Tool/Document	Short Name	Creator	Year	Data collection level
African Ministers' Council on Water's Agency, Resources, and Institutional Structures	CSO	AMCOW	2011	National
Association of Latin American Water and Baseline surveys on menstrual hygiene	ARISE (unpublished)	Emory	2019	Regional
Core questions and indicators monitoring	ADERASA	ADERASA	2003	National
Data collection field manual: formative	MHM- Indonesia	UNICEF	2016	Program
Demographic Health Surveys 8	WASH-SDG-HCF	WHO/JMP/UNICEF	2018	National
Egyptian Labour Market Panel Survey- Empowerment in WASH Index	MHM-Nepal	WaterAid	2016	Program
Equitable Access Scorecard	DHS8	DHS	2019	National
Ethiopia SNV Assessment	ELMPS	CAPMAS (Egypt)	2012	National
Expert Review of JMP MH	EWI	SEI	2020	Program
Gender and WASH Monitoring Tool	EAS	UNECE	2013	National
Gender Scan Methodology	Ethiopia-SNV	SNV	2014	Program
Gender-Responsive Water, Sanitation, and GFSI Index for WASH	JMP - MH Review	JMP	2020	None
	GWMT	Plan Australia	2014	Programmatic or
	GWA-GSM	Gender and Water	2011	National
	GR-WASH	UNICEF	2017	Program
	GFSI	Welthungerhilfe	2017	Program

Inventory of tools is available from: <https://washdata.org/monitoring/inequalities/gender>

Gender review process



Gender review process



(1)
Identify
relevant
dimensions
of gender
equality
related to
WASH

(2)
Identify
existing and
potential
data sources
and tools for
monitoring
each
dimension

(3)
Assess identified data sources and
tools along dimensions to identify:
(a) Critical gaps in existing data
sources & measurement
(b) Means to leverage existing
gender data to enhance ongoing
monitoring efforts
(c) Opportunities to collect new data
to fill gaps and needs specific to
gender

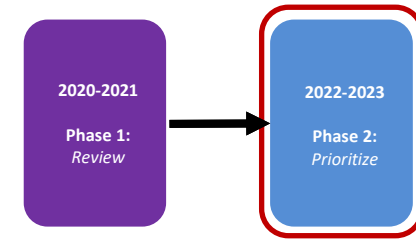
(4)
Synthesized
all work and
learnings
from the
process to
recommend
next steps



Report citation: Caruso, B.A., Salinger, A., Patrick, M., Conrad, A., & Sinharoy, S. 2021. A Review of Measures and Indicators for Gender in WASH. WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation, and Hygiene, June 2021. Available from: <https://washdata.org/monitoring/inequalities/gender>

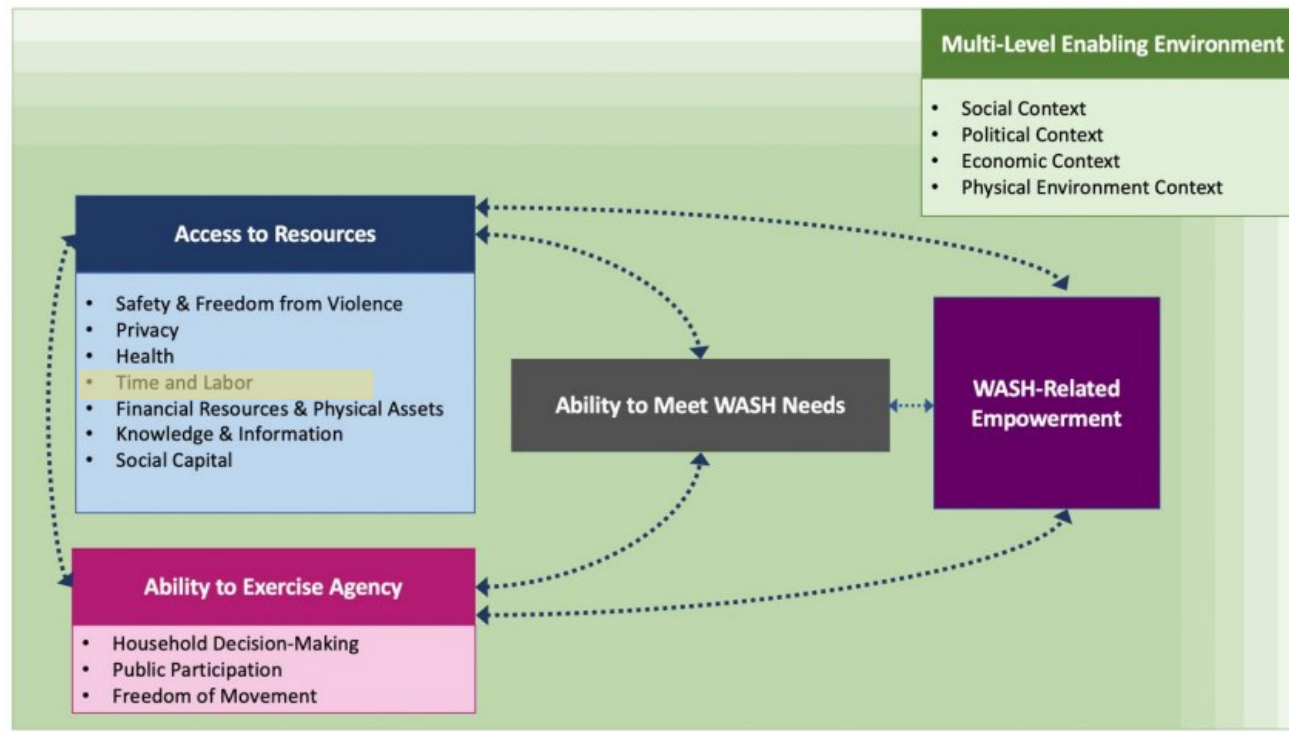
Monitoring Gender in WASH

Phase 2: Prioritize



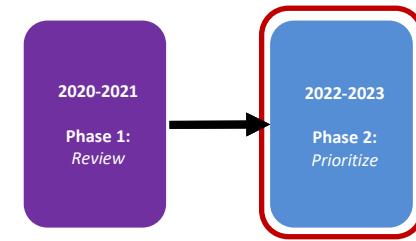
Purpose: To identify priority indicators for national & global monitoring of gender in WASH targets (6.1, 6.2, 6.a, and 6.b).

(1)
Determined
priority
thematic
areas for
monitoring
based on
framework

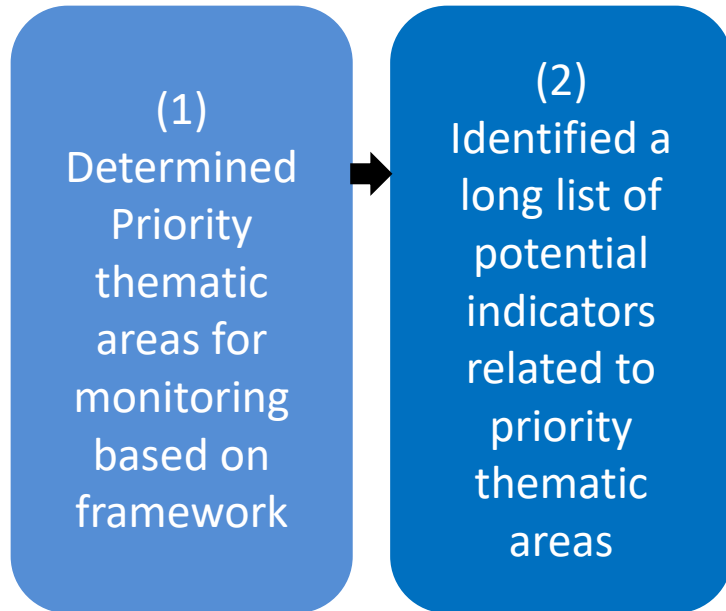


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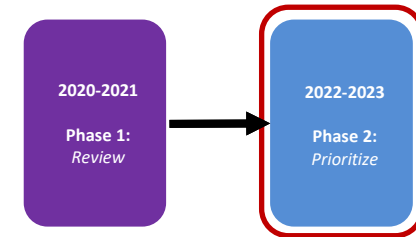


- Leveraged compendium previously created

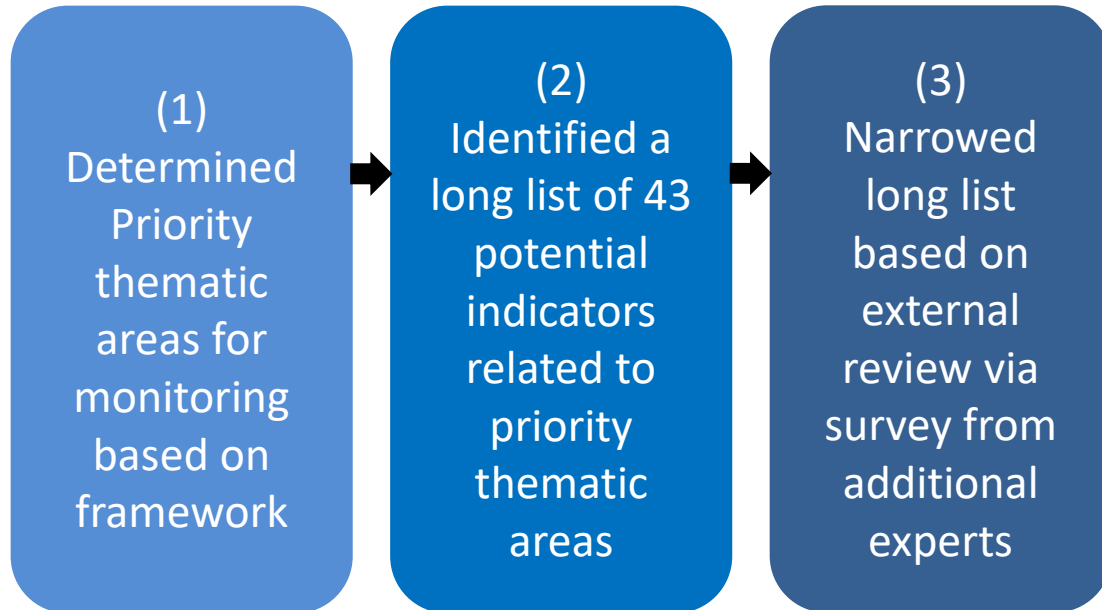
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Monitoring Gender in WASH

Phase 2: Prioritize



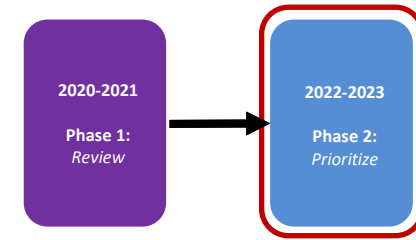
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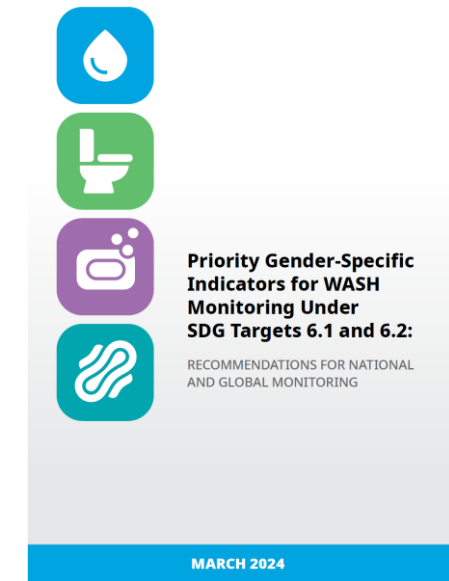
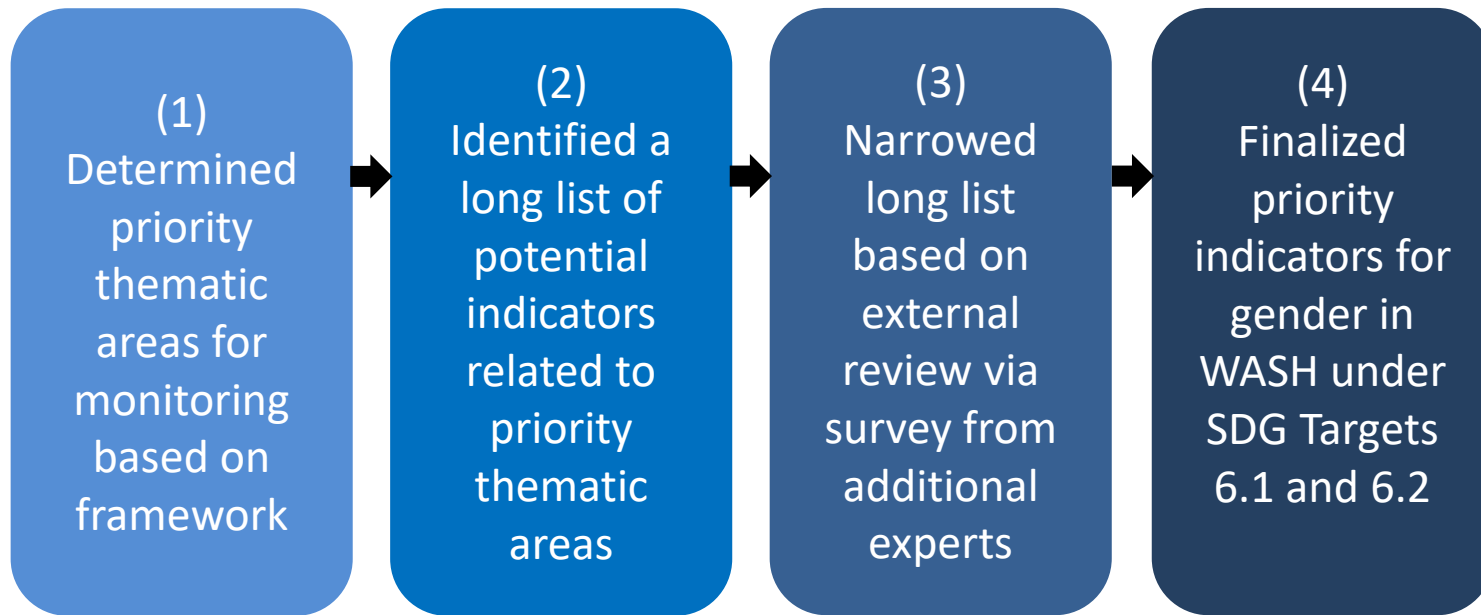
- Survey deployed to 100+ experts
- Public open comment period on revised list of proposed gender-specific indicators

Monitoring Gender in WASH

Phase 2: Prioritize



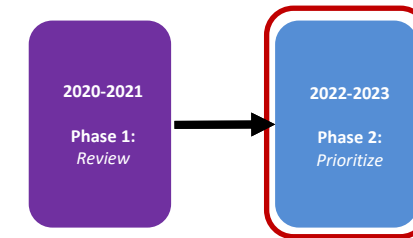
Purpose: To identify priority indicators for national & global monitoring of gender in WASH targets (6.1, 6.2, 6.a, and 6.b).



Report citation: Priority Gender-Specific Indicators for WASH Monitoring under SDG Targets 6.1 and 6.2: Recommendations for National and Global Monitoring. Caruso B.A., Chipungu J., Hennegan J., Motivans A., Pandolfelli L., Patrick M., Shonnar B., Sinharoy S., Stephan N. New York: United Nations Children’s Fund (UNICEF) and World Health Organization (WHO), 2024. Available from: <https://washdata.org/monitoring/inequalities/gender>

Monitoring Gender in WASH

Phase 2: Prioritize

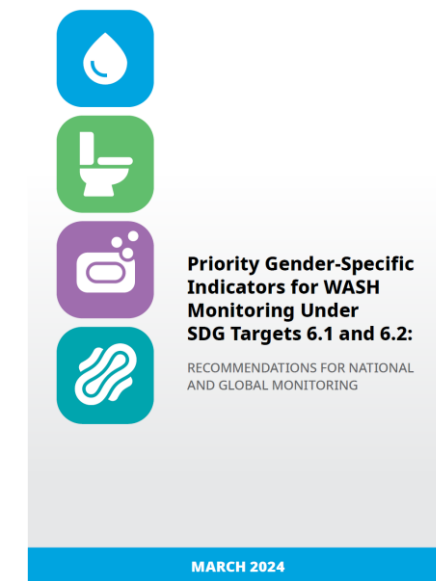


Example indicator:

THEMATIC AREA: **Time and Labor**

W4. Average time primary water collector spends per day collecting drinking water, by sex and age

Indicator Information	
Definition	Average number of minutes per day for the primary water collector to collect drinking water, disaggregated by sex and age
Preferred data source	Data from a nationally representative household-level survey
Survey item validity	Proposed survey items have been validated
Data availability	Data are available for many countries from DHS and MICS Household Questionnaires
Future data collection	Future data collection is planned in many countries via DHS8 Household Questionnaire, MICS7 Household Questionnaire, and other household surveys



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Next steps

For priority indicators, promote:

- a. Reporting on those with valid measures & data available at scale
- b. Generating data at scale for those with valid measures
- c. Validating measures and generating data for those with support but in need of measure validation

Acknowledgments

Funding

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Core Team

Bethany Caruso, Emory University, Atlanta, GA, USA

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Albert Motivans, Equal Measures 2030, Seattle, WA, USA

Lauren Pandolfelli, UNICEF, New York, NY, USA

Madeleine Patrick, Emory University, Atlanta, GA, USA

Beesan Shonnar, Palestinian Water Authority, Palestine

JMP Team

Ayça Dönmez (UNICEF)

Rick Johnston (WHO)

Tom Slaymaker (UNICEF)

External Reviewers of Literature Review and Conceptual Framework (November 2020)

Sue Cavill (Independent Consultant), Shirin Heidari (WHO), Sarah House (Independent Consultant), Jess MacArthur (University of Technology Sydney), Priya Nath (WaterAid), Lauren Pandolfelli (UNICEF), Lincy Paravanethu (Independent Consultant), Lisa Schechtman (USAID), Juliet Willetts (University of Technology Sydney), Inga Winkler (Central European University), and Lesha Witmer (Women for Water Partnership).

Participants in Expert Consultations (March-April 2021)

External: Zach Burt (USAID), Sue Cavill (Independent Consultant), Jenala Chipungu (CIDRZ), Lucie Chocholata (FAO), Benoit Conti (UNICEF), Liza Debevec (GWP), Betsy Engbretson (WHO), Anu Paudyal Gautam (UNICEF), Shirin Heidari (WHO), Joanna Lowell (ICF), Eleanor Lucas (WaterAid), Jess MacArthur (University of Technology Sydney), Thérèse Mahon (WaterAid), Albert Motivans (Equal Measures 2030), Priya Nath (WaterAid), Neville Okwaro (Ministry of Health, Kenya), Lauren Pandolfelli (UNICEF), Virginia Roaf (Sanitation and Water for All), Ben Robinson (WaterAid), Sara Valero (UN Women), Turgay Unalan (UNICEF), Inga Winkler (Central European University), and Sera Young (Northwestern University).

WHO/UNICEF JMP team: Rick Johnston and Francesco Mitis (WHO) and Tom Slaymaker and Ayca Donmez (UNICEF).

Emory: Bethany A. Caruso, Allison Salinger, Madeleine Patrick, Amelia Conrad, Sheela Sinharoy, Awa Youm.

Individuals who participated in the survey to narrow indicator list (March-April 2023)

Not all individuals who participated in the survey are listed here. This list only includes those who provided their name to be acknowledged for their contributions.

Deeb Abdelghafour, Kelly T. Alexander, Brian Banks, Dani Barrington, Antra Bhatt, Christie Chatterley, Haoyi Chen, Chiwala Beatrice Chibwe, Ayca Donmez, Anu Paudyal Gautam, Yolanda B. Gomez, Motasem Haddadin, Jacquelyn Haver, Maren Heuvels, Rozemarijn ter Horst, Rick Johnston, Georgia L. Kayser, Belen Torondel Lopez, Joanna Lowell, Jess MacArthur, Thérèse Mahon, Daphne Manolagos, Fernanda Matos, Joshua D. Miller, Patrick Mlilo, Arundati Muralidharan, Stephanie Ogden, Emily Ogutu, Amparo Palacios-Lopez, Lincy Paravanethu, Penelope Phillips-Howard, Petunia Ramunenyiwa, Marianne Santoso, Lisa Schechtman, Phuti Setati, Tom Slaymaker, Abdelrahman Tamimi, Juliet Willetts, Sera Young, Garazi Zulaika

Individuals and groups who provided comments during the open comment period (August- September 2023)

Not all individuals who provided comments during the open comment period are listed here. This list only includes those who provided their name to be acknowledged for their contributions.

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Thank you

