

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 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 wastewater and substantially increasing recycling and safe reuse globally

6.3.1p1 Volume of wastewater treated (industries)

Indicator Classification

Global SDG Indicator	No
Proxy	Yes
Supplemental	No

Definition

Global Definition

National Definition

Industrial Waste water refers to any liquid waste resulting from any activity process of industry

Method of Computation

Global

National

volume of reported wastewater treated in industries

Matching

<i>Exact Matching</i>	Yes
<i>Good Matching</i>	No
<i>Partial Match</i>	No
<i>D-match</i>	No
<i>E-match</i>	No

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

<i>National</i>	Yes
<i>Regional</i>	Yes
<i>Provincial</i>	No
<i>by Sex</i>	NA
<i>Other Disaggregations, please specify</i>	Geographical

Frequency of Release

<i>Monthly</i>	No
<i>Quarterly</i>	No
<i>Semestral</i>	No
<i>Annual</i>	Yes

Every 2 years	No
Every 3 years	No
Every 5 years	No
Others, please specify	
Latest year	2012

Data Source

Data Compiler

Data Source Agency

Self-Monitoring Reports database

Data Source

DENR Department of Natural Resources
LLDA Laguna Lake Development Authority

Basic Data Provider

Data Source Agency

Industries

Data Source

EMB Environment Management Bureau

Collection Process

Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	

Accountable organization for the achievement of this target

MWSS - Metropolitan Waterworks and sewerage system
EMB Environment Management Bureau
LLDA Laguna Lake Development Authority

References

EMB: www.emb.gov.ph
LLDA: <http://www.llda.gov.ph/>
Clean Water Act of 2004

Remarks (Source of possible discrepancies with the global data)

online permitting at the regional level (SMR not yet online)
-development of the database of ESMR (however limited access for some areas)

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 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 wastewater and substantially increasing

6.3.2p1 Proportion of monitored bodies of water with good ambient water quality

Indicator Classification

Global SDG Indicator	No
Proxy	Yes
Supplemental	No

Definition

Global Definition

Proportion of water bodies (area) in a country with good ambient water quality compared to all water bodies in the country. "Good" indicates an ambient water quality that does not damage ecosystem function and human health according to core ambient water quality indicators.

National Definition

Proportion of water bodies (area) in a country with good ambient water quality compared to all water bodies in the country

Method of Computation

Global

water quality index (WQI) at site level is computed as the arithmetic mean of the site-level PTT scores for the selected determinands

*PTT - Proximity-to-target (PTT) scores for each determinand at single monitoring sites are calculated as the difference between the temporal average (for the accounting period) of the determinand concentration and the target divided by the range between the (winsorized) minimum or maximum of the measured determinand concentration (for exceedance and non-exceedance targets, respectively) and the target.

National

water quality index (WQI) at site level is computed as the arithmetic mean of the site-level PTT scores for the selected monitored determinands

Matching

Exact Matching
Good Matching
Partial Match
D-match
E-match

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

<i>National</i>	Yes
<i>Regional</i>	Yes
<i>Provincial</i>	No
<i>by Sex</i>	NA
<i>Other Disaggregations, please specify</i>	Geographical

Frequency of Release

Monthly	No
Quarterly	No
Semestral	No
Annual	Yes (LLDA and EMB)
Every 2 years	No
Every 3 years	No
Every 5 years	No
Latest estimate	
	2015 - LLDA
	NWQSR - 2013
Latest year	EMB-2015
Data Source	
Data Compiler	
Data Source Agency	Data Source
DENR-EMB Regional Offices and LLDA	LLDA Annual Report
	National Water Quality Status Report EMB
	Water Quality Assessment Report
Basic Data Provider	
Data Source Agency	Data Source
EMB Environment Management Bureau	EMB Water Quality Assessment Report
LLDA Laguna Lake Development Authority	
LGU	
Industries	
Collection Process	
Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	
Accountable organization for the achievement of this target	
EMB Environment Management Bureau	
LLDA Laguna Lake Development Authority	
Industries	
References	
http://emb.gov.ph/wp-content/uploads/2015/10/DAO-2005-10-pdf.pdf http://www.llda.gov.ph/dox/ar/ar15.pdf https://jcgregsolutions.wordpress.com/2015/05/07/national-water-quality-status-report-2006-2013/	
Remarks (Source of possible discrepancies with the global data)	
-Based on water quality standards (defined by Clean Water Act) -Numerator/Denominator issue: What number/area/volume of water bodies should be considered? -Water bodies per specific watershed -Shall this be limited to Water Quality Management Area which monitors the water quality - Good ambient water quality may be defined as conforming with water quality criteria under class AA, A, B and C	
Different parameters are being applied depending on the type of industries or generating wastewater per waterbody Parameters being measured: Dissolved Oxygen(DO) Biochemical Oxygen Demand (BOD) Total and Fecal Coliform	

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

The level of water stress: freshwater withdrawal as a proportion of available freshwater resources is the ratio between total freshwater withdrawn by all major sectors and total renewable freshwater resources, after taking into account environmental water requirements. Main sectors, as defined by ISIC standards, include agriculture; forestry and fishing; manufacturing; electricity industry; and services. This indicator is also known as water withdrawal intensity.

National Definition

Freshwater withdrawal characterizes water usage for domestic, municipal, irrigation, power generation, fisheries, livestock raising, industrial, recreational and other purposes.

Method of Computation

Global

Method of computation: The indicator is computed as the total freshwater withdrawn (TWW) divided by the difference between the total renewable freshwater resources (TRWR) and the environmental water requirements (Env.), multiplied by 100. All variables are expressed in km³/year (10⁹ m³/year).

$\text{Stress (\%)} = \text{TWW} / (\text{TRWR} - \text{Env.}) * 100$

National

Reported allocated water level can be computed using the global methodology

TRWR and Env should be validated if available

Matching

Exact Matching	Yes
Good Matching	
Partial Match	
D-match	
E-match	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	Yes
by Sex	NA
Other Disaggregations, please specify	Geographical

Frequency of Release

Monthly	No
Quarterly	No
Semestral	No
Annual	Yes
Every 2 years	No
Every 3 years	No
Every 5 years	No
Others, please specify	
Latest year	2013

Data Source

Data Compiler

Data Source Agency

National Water Resources Board

Data Source

Listahan Tubig *Water rights applications granted by NWRB
Administrative data

Basic Data Provider

Data Source Agency

National Economic and Development Authority

Data Source

*Water rights applications granted by NWRB

Department of the Interior Local Government

Collection Process

Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	

Accountable organization for the achievement of this target

National Water Resources Board

References

<http://www.nwr.gov.ph>

[Clean Water Act of 2004](#)

Remarks (Source of possible discrepancies with the global data)

NWRB, PSA, NIA, DOE

-actual water withdrawal is not available; only water allocated is available (disaggregated by administrative region, province, by source, by use)

-problem on the denominator

*use water rights application granted by NWRB

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.5: By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

6.5.1.p1 Percentage of implementation of programs and projects identified in the Integrated River Basin Master Plans (IRBMP)

Indicator Classification

Global SDG Indicator	No
Proxy	Yes
Supplemental	No

Definition

Global Definition

National Definition

Percentage of implementation of programs and projects identified in the Integrated River Basin Master Plans

Method of Computation

Global

National

Total implemented programs and projects identified in IRBMP / Total programs and projects of IRBMP

Matching

Exact Matching

Good Matching

Partial Match

D-match

E-match

Yes

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National

Yes

Regional

Provincial

by Sex

NA

Other Disaggregations, please specify

Geographical

Frequency of Release

Monthly

Quarterly

Semestral

Annual

Every 2 years

Every 3 years

Every 5 years
Others, please specify

Data Source

Data Compiler

Data Source Agency

DENR-RBCO River Basin Control Office

Data Source

Administrative Data

Basic Data Provider

Data Source Agency

DENR-RBCO River Basin Control Office

Data Source

Administrative Data

Collection Process

Household Survey

No

Enterprise Survey

No

Administrative Data

Yes

Census

No

Estimation

No

Others, please specify

Accountable organization for the achievement of this target

DENR Department of Natural Resources

References

DENR/RCBO: <http://rbco.denr.gov.ph/>

Remarks (Source of possible discrepancies with the global data)

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.a: By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies

6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan is defined as the proportion of total water and sanitation-related Official Development Assistance (ODA) disbursements that are included in the government budget.

National Definition

Method of Computation

Global

The indicator is computed as the proportion of total water and sanitation-related ODA that is included in the government budget, i.e. the amount of water and sanitation-related ODA in the government budget divided by the total amount of water and sanitation-related ODA.

The numerator on water and sanitation-related ODA in the government budget will be obtained from the UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS) survey for the 2016-2017 cycle. The question on external funding collects data on the amount of donor funds that were included in government budget. Data for 2015 ODA disbursements through GLAAS will be available by end-2016. The scope of the question on external funding has been expanded beyond WASH for the 2016-17 cycle to address all targets under SDG 6, including wastewater and water quality, water efficiency, water resource management, and water-related ecosystems.

The denominator on total water and sanitation-related ODA disbursements will be obtained through OECD Creditor Reporting System (CRS) (purpose codes 14000-series for the water sector and purpose code 31140 for agricultural water resources). Data on ODA disbursements for 2015 will be made available through CRS in December 2016.

National

Matching

Exact Matching
Good Matching
Partial Match

D-match

E-match

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	
Provincial	
by Sex	NA
Other Disaggregations, please specify	

Frequency of Release

Monthly
Quarterly
Semestral
Annual
Every 2 years
Every 3 years
Every 5 years
Others, please specify

Data Source

Data Compiler

Data Source Agency

NEDA

Data Source

Administrative Data

Basic Data Provider

Data Source Agency

NEDA

Data Source

Administrative Data

Department of Finance
National Water Resources Board
Department of Health
MWSS - Metropolitan Waterworks and sewerage system
Local water Utilities Administration

Collection Process

Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	

Accountable organization for the achievement of this target

National Water Resources Board
Department of Health
MWSS - Metropolitan Waterworks and sewerage system
Local water Utilities Administration
Department of the Interior and Local Government

References

Remarks (Source of possible discrepancies with the global data

- Based on comment of NEDA, this indicator may not be sufficient to monitor the achievement of the target. Consider supplementary indicators.

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.b: Support and strengthen the participation of local communities in improving water and sanitation management

6.b.1 Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

The indicator assesses the percentage of local administrative units (as defined by the national government) that have an established and operational mechanism by which individuals and communities can meaningfully contribute to decisions and directions about water and sanitation management.

The indicator Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management is currently being measured by the Proportion of countries with clearly defined procedures in law or policy for participation by service users/communities in planning program in water and sanitation management, and hygiene promotion and the Proportion of countries with high level of users/communities participating in planning programs in water and sanitation management, and hygiene promotion.

National Definition

Method of Computation

Global

The UN-Water Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS) questionnaire provides information on whether there are “clearly defined procedures in laws or policies for participation by service users (e.g. households) and communities in planning programs”. For countries that have data available from the local administrative unit level, they are asked to provide data on the number of local administrative units for which policies and procedures for local participation (i) exist, and (ii) are operational, as well as (iii) the number of local administrative units assessed, and (iv) the total number of units in the country. The indicator is computed as (ii) the number of local admin units with operation policies and procedures for local participation divided by (iv) the total number of local administrative units in the country.

Both numerator and denominator will be obtained through the GLAAS survey for the 2016-2017 cycle.

National

Matching

Exact Matching

Good Matching

Partial Match

D-match

E-match

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	Yes
by Sex	NA
Other Disaggregations, please specify	

Frequency of Release

Monthly
Quarterly
Semestral
Annual
Every 2 years
Every 3 years
Every 5 years
Others, please specify

Data Source

Data Compiler

Data Source Agency

Department of Health
Department of the Interior and Local Government

Data Source

Administrative Data
Administrative Data

Basic Data Provider

Data Source Agency

Collection Process

Household Survey
Enterprise Survey
Administrative Data
Census
Estimation
Others, please specify

Data Source

No
No
Yes
No
No

Accountable organization for the achievement of this target

Department of Health
Department of the Interior and Local Government
Local Government Units

References

Remarks (Source of possible discrepancies with the global data)

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.b: Support and strengthen the participation of local communities in improving water and sanitation management

6.b.s1 Number of functional WASH councils/ committees in LGUs

Indicator Classification

Global SDG Indicator	No
Proxy	No
Supplemental	Yes

Definition

Global Definition

National Definition

Method of Computation

Global

National

Matching

<i>Exact Matching</i>	Yes
<i>Good Matching</i>	
<i>Partial Match</i>	
<i>D-match</i>	
<i>E-match</i>	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

<i>National</i>	Yes
<i>Regional</i>	Yes
<i>Provincial</i>	Yes
<i>by Sex</i>	NA
<i>Other Disaggregations, please specify</i>	Geographic

Frequency of Release

<i>Monthly</i>	
<i>Quarterly</i>	
<i>Semestral</i>	
<i>Annual</i>	Yes
<i>Every 2 years</i>	
<i>Every 3 years</i>	
<i>Every 5 years</i>	
<i>Others, please specify</i>	
<i>Latest year</i>	2016

Data Source

Data Compiler

Data Source Agency

DILG-Program and Project Monitoring System
DOH- Health promotion and Communication Service

Data Source

Administrative Data
Administrative Data

Basic Data Provider

Data Source Agency

Local Government Units
Health Offices

Data Source

Collection Process

Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	

Accountable organization for the achievement of this target

Department of Health
Department of the Interior and Local Government
Local Government Units

References

Remarks (Source of possible discrepancies with the global data)

Goal 6: Ensure availability and sustainable management of water and sanitation for all

Target 6.b: Support and strengthen the participation of local communities in improving water and sanitation management

6.b.1s2 Number of local WASH ordinances strengthening WASH governance in the communities

Indicator Classification

Global SDG Indicator	No
Proxy	No
Supplemental	Yes

Definition

Global Definition

National Definition

Method of Computation

Global

National

Matching

<i>Exact Matching</i>	Yes
<i>Good Matching</i>	
<i>Partial Match</i>	
<i>D-match</i>	
<i>E-match</i>	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

<i>National</i>	Yes
<i>Regional</i>	Yes
<i>Provincial</i>	Yes
<i>by Sex</i>	NA
<i>Other Disaggregations, please specify</i>	Geographic

Frequency of Release

<i>Monthly</i>	
<i>Quarterly</i>	
<i>Semestral</i>	
<i>Annual</i>	Yes
<i>Every 2 years</i>	
<i>Every 3 years</i>	
<i>Every 5 years</i>	
<i>Others, please specify</i>	

Data Source

Data Compiler**Data Source Agency**

DILG-Program and Project Monitoring System

Basic Data Provider**Data Source Agency**

Local Government Units

Data Source

Administrative Data

Data Source

Department of Health

Collection Process

Household Survey

No

Enterprise Survey

No

Administrative Data

Yes

Census

No

Estimation

No

Others, please specify

Accountable organization for the achievement of this target

Department of the Interior and Local Government

References**Remarks (Source of possible discrepancies with the global data)**