

Goal 14: Conserve and sustainable use the oceans, seas and marine resources for sustainable development

Target 14.5: By 2020, conserve at least 10 per cent of coastal and marine areas, consistent with national and international law and based on the best available scientific information

14.5.1 Coverage of protected areas in relation to marine areas

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

The indicator Coverage of protected areas in relation to marine areas shows temporal trends in the mean percentage of each important site for marine biodiversity (i.e., those that contribute significantly to the global persistence of biodiversity) that is covered by designated protected areas

National Definition

a.) Marine Protected Area (MPA) - a defined area of the sea established and set aside by law, administrative regulation, or any other effective means in order to conserve and protect part of or the entire enclosed environment through the establishment of management guidelines. It is considered a generic term that includes all declared areas governed by specific rules or guidelines in order to protect and manage activities within the enclosed area. (CMEMP DAO 2016-26)

b.) Marine Key Biodiversity Area (MKBA) - a nationally identified marine site of global significance to biodiversity. (CMEMP DAO 2016-26)

Method of Computation

Global

This indicator is calculated from data derived from a spatial overlap between digital polygons for protected areas from the World Database on Protected Areas (IUCN & UNEP-WCMC 2017) and digital polygons for marine Key Biodiversity Areas (from the World Database of Key Biodiversity Areas, including Important Bird and Biodiversity Areas, Alliance for Zero Extinction sites, and other Key Biodiversity Areas; available through the Integrated Biodiversity Assessment Tool). The value of the indicator at a given point in time, based on data on the year of protected area establishment recorded in the World Database on Protected Areas, is computed as the mean percentage of each Key Biodiversity Area currently recognised that is covered by protected areas.

Year of protected area establishment is unknown for 12% of protected areas in the World Database on Protected Areas, generating uncertainty around changing protected area coverage over time. To reflect this uncertainty, a year was randomly assigned from another protected area within the same country, and then this procedure repeated 1,000 times, with the median plotted. In 2017 we slightly changed the methods described by Butchart et al. (2012, 2015) by randomly assigning a year to protected areas with no year of establishment before calculating trends in coverage. This is a computationally more efficient method and is likely to reflect more accurately changes in protected area coverage over time.

% of total marine area/% of marine ecological region.

National

% of the total marine protected areas as compared to the total marine area.

Matching (only for the Global SDG indicator)

<i>Exact Matching</i>	No
<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>	Yes
<i>by Sex</i>	N/A
<i>Other Disaggregations, please specify</i>	

Frequency of Release

<i>Monthly</i>	No
<i>Quarterly</i>	No
<i>Semestral</i>	No
<i>Annual</i>	Yes
<i>Every 2 years</i>	No
<i>Every 3 years</i>	No
<i>Every 5 years</i>	No
<i>Others, please specify</i>	

Data Source**Data Compiler****Data Source Agency**

*Department of Environment and Natural Resources
Biodiversity Management Bureau*

Data Source

- 1.) Statistics of Philippine Protected Areas and Wildlife Resources
- 2.) 5th NR to CBD

Basic Data Provider**Data Source Agency**

*Department of Environment and Natural Resources
Biodiversity Management Bureau*

Data Source

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Collection Process

<i>Household Survey</i>	No
<i>Enterprise Survey</i>	No
<i>Administrative Data</i>	Yes
<i>Census</i>	No
<i>Estimation</i>	No
<i>Others, please specify</i>	

Accountable organization for the achievement of this target

*Department of Environment and Natural Resources -
Biodiversity Management Bureau*

Local Government Units

References

BMB 2003 Statistics of Philippine Protected Areas and wildlife Resources

Remarks (Source of possible discrepancies with the global data)

Suggestion to cover management effectiveness of PA in order to respond to conservation target; Rephrase to coverage in ecosystem health of protected areas - ecosystem health will be broken down further

This needs to qualify the protected areas as there are three typologies of protected areas for coastal and marine sector