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Convention on Biological Diversity
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Item 18 (f) of the provisional agenda*
Biodiversity and health**

Compilation of existing indicators relevant to biodiversity and health from other processes^{}**

Note by the Secretariat

Introduction

1. The present document contains a compilation of existing indicators relevant to biodiversity and health, which complement the new set of indicators developed through work under the Convention on Biological Diversity.

* [CBD/COP/17/1/Rev.1](#).

** The present document is being issued without formal editing.

Annex

Compilation of existing indicators relevant to biodiversity and health

1. This compilation includes existing indicators from multilateral processes that may be useful for monitoring biodiversity and health interlinkages. For the purpose of the present document, all indicators under the Kunming-Montreal Global Biodiversity Framework were considered relevant and are therefore not included in the table below. The compilation also includes two relevant indicators proposed through submissions received in response to notification No. 2025-12 that met the selection criteria.

2. This should not be understood as an exhaustive list of existing indicators for monitoring biodiversity and health interlinkages, but rather as an indicative set of indicators that countries may draw upon, as appropriate.

3. The categories listed under “thematic area” are aligned with those of section III.B of the Global Action Plan on Biodiversity and Health. However, it should be noted that the indicators could also be relevant for other areas according to national circumstances, including, among others, demographics, food security, epidemiology, water management, and climate change, among others. The last column contains information about sections and questions of the progress measurement tool that are more strongly associated with these indicators. It should be noted, however, that this correspondence is merely a suggestion and alternative interpretations may be possible.

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
General Actions	Environment attributable deaths	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/deaths-attributable-to-the-environment	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	II/ II.1, II.2, II.3
General Actions	Environment-attributable deaths (per 100 000 population), age-standardized	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/age-standardized-deaths-attributable-to-the-environment-(per-100-000-population)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	II/ II.1
Land and sea use	Trends in land cover	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/index.html	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the	IV

^a As per section III of the Global Action Plan on Biodiversity and Health.

^b It should be noted that the correspondence or alignment indicated herein is merely suggestive, and alternative interpretations may be possible.

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
(Targets 1, 2, and 3)			https://openknowledge.fao.org/items/090d2fbb-32a6-412b-a3b8-1ce5c5905df2	UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	
Land and sea use (Targets 1, 2, and 3)	Trends in land productivity or functioning of the land	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/index.html	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IV
Land and sea use (Targets 1, 2, and 3)	Trends in carbon stocks above and below ground	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/index.html	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IV
Land and sea use (Targets 1, 2, and 3)	Trends in the proportion of land under drought over the total land area	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/introduction.html https://www.unccd.int/resources/manuals-and-guides/good-practice-guidance-national-reporting-unccd-strategic-objective-3	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IV / IV.10
Land and sea use (Targets 1, 2, and 3)	Trends in the proportion of the total population exposed to drought	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/introduction.html https://www.unccd.int/resources/manuals-and-guides/good-practice-guidance-national-reporting-unccd-strategic-objective-3	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IV/ IV.2

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Land and sea use (Targets 1, 2, and 3)	Level of water stress, including as an outcome of adaptation actions where applicable, accounting for relevant climate hazard intensity and/or frequency	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IV/ IV.9, IV.10
Land and sea use (Targets 1, 2, and 3)	Trends in the proportion of the population exposed to land degradation, disaggregated by sex	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/introduction.html	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IV/ IV.4
Land and sea use (Targets 1, 2, and 3)	Indicators from other processes (all indicators from the KMGBF are considered relevant, and therefore not listed here)	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IV/ IV.9
Land and sea use (Targets 1, 2, and 3)	Proportion of land that is degraded over total land area	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-15-03-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IV
Land and sea use (Targets 1, 2, and 3)	Number of countries using ecosystem-based approaches to managing marine areas	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-14-02-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IV/ IV.1
Land and sea use (Targets 1, 2, and 3)	Malaria incidence per 1,000 population	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-03-03-03.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IV/ IV.7
Species management	Number of people requiring interventions against neglected tropical diseases	SDG	https://unstats.un.org/sdgs/metadata/files/metadata-03-03-05.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	V/ V.12

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
(Targets 4, 5, and 9)					
Species management (Targets 4, 5, and 9)	Number of reported cases of Yellow fever	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/yellow-fever-number-of-reported-cases	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	V/ V.12
Species management (Targets 4, 5, and 9)	Global One Health index for zoonoses	Response to notification 2025-012	Sun, Z.-S. et al. (2024). Global One Health index for zoonoses : A performance assessment in 160 countries and territories. iScience, 27(4), 109297. https://doi.org/10.1016/j.isci.2024.109297	Not part of an existing MEA, suggested by Parties	V/ V.12, V.13
Invasive alien species (Target 6)	Change in the incidence of climate-sensitive infectious diseases (dengue, chikungunya, zika, tick-borne encephalitis (TBE), West Nile fever (WNF), malaria and diarrheal diseases)	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VI / VI.2
Pollution (Target 7)	Number of parties to international multilateral environmental agreements on hazardous waste, and other chemicals that meet their commitments and obligations in transmitting information as required by each relevant agreement	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	VII/ VII.2
Pollution (Target 7)	Proportion of hazardous waste treated, by type of treatment	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-12-04-02.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	VII/ VII.2, VII.3, VII.4, VII.5

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Pollution (Target 7)	Annual mean levels of fine particulate matter (e.g. PM2.5 and PM10) in cities (population weighted)	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-11-06-02.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	VII/ VII.1, VII.8, VII.9, VII.10
Pollution (Target 7)	Levels and trends of mercury and mercury compounds in the environment and in humans due to anthropogenic emissions and releases	Minamata convention	https://minamataconvention.org/sites/default/files/documents/working_document/4_18_Ad_d2_MonitoringGuidance.English.pdf	Reporting on the indicators contained in the Guidance on Monitoring of Mercury and Mercury Compounds primarily through the framework of the Minamata Convention on Mercury, specifically Article 21 (Reporting) and Article 22 (Effectiveness Evaluation)	VII/ VII.4, VII.9, VII.10
Pollution (Target 7)	Significance of the observed changes in exposures for different types of impacts on humans and wildlife in regions that are remote from sources, as well as those that are locally impacted by anthropogenic sources	Minamata convention	https://minamataconvention.org/sites/default/files/documents/working_document/4_18_Ad_d2_MonitoringGuidance.English.pdf	Reporting on the indicators contained in the Guidance on Monitoring of Mercury and Mercury Compounds primarily through the framework of the Minamata Convention on Mercury, specifically Article 21 (Reporting) and Article 22 (Effectiveness Evaluation)	VII
Pollution (Target 7)	Comparison of the observed levels of mercury in biota and humans with the established national and international benchmark levels associated with adverse effects on human health, wildlife and environmental sustainability	Minamata convention	https://minamataconvention.org/sites/default/files/documents/working_document/4_18_Ad_d2_MonitoringGuidance.English.pdf	Reporting on the indicators contained in the Guidance on Monitoring of Mercury and Mercury Compounds primarily through the framework of the Minamata Convention on Mercury, specifically Article 21 (Reporting) and Article 22 (Effectiveness Evaluation)	VII/ VII.8, VII.10
Pollution (Target 7)	Proportion of the population using sanitation services that are safely managed and climate-resilient, including as an	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VII/ VII.2, VII.3, VII.5

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
	outcome of adaptation actions where applicable				
Pollution (Target 7)	Extent of measures taken to improve and extend water, sanitation and hygiene services to populations disproportionately affected by climate change and to vulnerable groups relative to needs	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VII/ VII.2, VII.5
Pollution (Target 7)	Number of people per 100,000 supported in planned relocation processes in response to water-related hazards, where adaptation measures were taken to ensure safety of populations	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VII/ VII.1
Pollution (Target 7)	Environment attributable deaths	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/deaths-attributable-to-the-environment	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VII/ VII.8, VII.10
Pollution (Target 7)	Environment-attributable deaths (per 100 000 population), age-standardized	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/age-standardized-deaths-attributable-to-the-environment-(per-100-000-population)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VII/ VII.8, VII.10
Climate change (Target 8)	Existence of a multi-stakeholder mechanism on health and climate change	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/existence-of-a-multi-stakeholder-mechanism-on-health-and-climate-change	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VIII/ VIII.1

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Climate change (Target 8)	National health and climate change plan or strategy developed	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/national-health-and-climate-change-plan-or-strategy-developed	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VIII/ VIII.1
Climate change (Target 8)	Direct economic loss attributed to disasters in relation to global gross domestic product (GDP)	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-01-05-02.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	viii/ VIII.2
Climate change (Target 8)	Number of disruptions to basic services, attributed to disasters	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-11-05-03.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	VIII/ VIII.3
Climate change (Target 8)	Climate change and health vulnerability and adaptation assessment conducted	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/climate-change-and-health-vulnerability-and-adaptation-assessment-conducted	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VIII/ VIII.1
Climate change (Target 8)	Existence of a climate change & health surveillance system	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/existence-of-a-health-surveillance-system	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	VIII/ VIII.2, VIII.3
Climate change (Target 8)	Level of incidence of climate-sensitive infectious diseases, including as an outcome of adaptation actions where applicable;	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII/ VIII.2
Climate change (Target 8)	Rate of mortality associated with climate impacts compared with counterfactual rates, including as an outcome of adaptation actions or coverage of early warning systems where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Climate change (Target 8)	Rate of morbidity associated with climate impacts compared with counterfactual rates, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Percentage of health facilities that are resilient to climate-related hazards under different warming scenarios, as appropriate for regions and contexts, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Coverage of essential health services that are supported by adaptation measures to ensure continuity during and following climate-related events	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Proportion of the population in climate-vulnerable areas with access to social protection services	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Percentage of at-risk cultural and natural heritage sites and elements with adaptation measures implemented to enhance resilience to climate-related hazards under different warming scenarios, as	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
	appropriate for regions and contexts, guided by traditional, local or Indigenous Peoples' knowledge and practices, disaggregated, as appropriate, by tangible and intangible cultural elements				
Climate change (Target 8)	Level of establishment of multi-hazard early warning systems	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII/ VIII.3
Climate change (Target 8)	Level of conduct of assessments of climate hazards, climate change impacts, and exposure to risks and vulnerabilities based on different global warming scenarios, as appropriate for regions and contexts	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII/ VIII.3
Climate change (Target 8)	Level of establishment of multi-hazard monitoring and impact-based forecasting systems, including monitoring stations	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII/ VIII.2
Climate change (Target 8)	Extent of design of a system for monitoring, evaluation and learning for national adaptation efforts relative to needs	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Level of operationalization of a system for monitoring, evaluation and learning for national adaptation efforts	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Climate change (Target 8)	Level of integration of monitoring, evaluation and learning system findings into national adaptation efforts	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Proportion of the population vulnerable to climate change with access to mental health and psychosocial support	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Extent to which climate health services have remained at full capacity during and following climate-related events relative to pre-event service capacity	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Level of institutional capacity to fully operate systems for monitoring, evaluation and learning for national adaptation efforts	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	VIII
Climate change (Target 8)	Greenhouse gas emissions from land use, land use change and forestry	UNECE	https://unece.org/sites/default/files/2025-02/B-3.10%20Greenhouse%20gas%20emissions%20from%20land%20use%2C%20land%20use%20change%20and%20forestry%20%28LULUCF%29.pdf	UN ECE Environmental Indicators	VIII
Agriculture, aquaculture, fisheries and forestry (Target 10)	Prevalence of undernourishment	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-02-01-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IX

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Agriculture, aquaculture, fisheries and forestry (Target 10)	Prevalence of moderate or severe food insecurity in the population, based on the Food Insecurity Experience Scale (FIES)	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-02-01-02.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Number of countries using ecosystem-based approaches to managing marine areas	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-14-02-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Foodborne deaths per 100 000	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/foodborne-deaths-per-100-000--2010-(median--95--uncertainty-interval)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Foodborne illnesses per 100 000	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/foodborne-illnesses-per-100-000--2010-(median--95--uncertainty-interval)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Number of moderately or severely food insecure people	FAO	https://www.fao.org/faostat/en/#data/FS	FAO Corporate Statistical Database indicators. Information is gathered through regular annual questionnaires covering production, trade, food security, and input, which are processed into the FAOSTAT database.	IX
Agriculture, aquaculture, fisheries and forestry	Average protein supply	FAO	https://www.fao.org/faostat/en/#data/FS	FAO Corporate Statistical Database indicators. Information is gathered through regular annual questionnaires covering production, trade, food security, and input, which are	IX

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
(Target 10)				processed into the FAOSTAT database.	
Agriculture, aquaculture, fisheries and forestry (Target 10)	Prevalence of minimum dietary diversity, by population group	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-02-02-04b.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Trends in carbon stocks above and below ground	UNCCD	https://prais4-reporting-manual.unccd.int/en/latest/index.html	UNCCD 2018-2030 Strategic Framework Indicators. Information is gathered every 4 years through the UNCCD national reporting process. Reporting is mandatory for UNCCD affected country Parties	IX/ IX.1
Agriculture, aquaculture, fisheries and forestry (Target 10)	Proportion of area under management for food and agricultural production utilizing practices and technologies relevant to climate change adaptation	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Level of food and agricultural yield in areas that are under management for food and agricultural production, including as an outcome of adaptation actions where applicable;	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Total use of antibiotics expressed as DDD per 1000 inhabitants per day	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/antibacterial-consumption--total-consumption-of-antibacterials-expressed-as-ddd-per-1000-inhabitants-per-day	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	IX/ IX.1, IX.2, IX.3. IX.4

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Agriculture, aquaculture, fisheries and forestry (Target 10)	Pattern of antibiotic use at national level (relative use by AWaRe classification)	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/antibacterial-consumption--pattern-of-antibiotic-consumption-at-national-level-(relative-consumption-by-aware-classification)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	IX/ IX.3, IX.4
Agriculture, aquaculture, fisheries and forestry (Target 10)	Level of degraded areas that are under management for food and agricultural production, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Proportion of the population with equitable access to adequate food and nutrition, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	IX
Agriculture, aquaculture, fisheries and forestry (Target 10)	Existence of good agricultural and collection practice guidelines for medicinal plants	WHO	https://www.who.int/publications/i/item/9789240118386	Reporting on the WHO Global Reference List of Traditional, Complementary and Integrative Medicine (TCIM) indicators primarily through standardized, periodic global surveys conducted by the WHO, which gather data from Member States	IX/, V / V.4
Agriculture, aquaculture, fisheries and forestry (Target 10)	Existence of a conservation and cultivation programme to protect biodiversity and endangered (medicinal plants and other) species	WHO	https://www.who.int/publications/i/item/9789240118386	Reporting on the WHO Global Reference List of Traditional, Complementary and Integrative Medicine (TCIM) indicators primarily through standardized, periodic global surveys conducted by the WHO, which gather data from Member States	IX/ IX.5

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Nature's contributions to people (Target 11)	Proportion of the population using safe and affordable potable water services that are climate-resilient, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	X
Nature's contributions to people (Target 11)	Proportion of climate-resilient ecosystems that are providing services to populations that depend on them	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	X/ X.1
Nature's contributions to people (Target 11)	Proportion of ecosystem areas with adaptation actions implemented towards enhanced resilience and services	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	X/ X.6
Nature's contributions to people (Target 11)	Level of adaptive capacity, resilience and vulnerability to climate impacts resulting from the implementation of ecosystem-based adaptation actions and nature-based solutions according to information reported by Parties, as appropriate	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	X/ X.2, X.3
Nature's contributions to people (Target 11)	Number of traditional, complementary and integrative medicine products included in the national essential medicines list	WHO	https://www.who.int/publications/i/item/9789240118386	Reporting on the WHO Global Reference List of Traditional, Complementary and Integrative Medicine (TCIM) indicators primarily through standardized, periodic global surveys conducted by the WHO, which gather data from Member States	X/ X.5
Nature's contributions to people	Percentage of population that use traditional, complementary and	WHO	https://www.who.int/publications/i/item/9789240118386	Reporting on the WHO Global Reference List of Traditional, Complementary and Integrative	X/ X.5

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
(Target 11)	integrative medicine services and products			Medicine (TCIM) indicators primarily through standardized, periodic global surveys conducted by the WHO, which gather data from Member States	
Urban areas (Target 12)	Average share of the built-up area of cities that is open space for public use for all, by sex, age and persons with disabilities	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-11-07-01.pdf	Global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	XI/ XI.3
Urban areas (Target 12)	Number of cities applying the 3+30+300 principle	Response to notification 2025-012	Robitaille, É., & Douyon, C. (2025). Using the 3-30-300 Indicator to Evaluate Green Space Accessibility and Inequalities : A Case Study of Montreal, Canada. Geographies, 5(1), 6. https://doi.org/10.3390/geographies5010006	Suggested by Parties, not used in MEA	XI/ XI.1
Urban areas (Target 12)	Damage to critical infrastructure	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-11-05-03.pdf	global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	XI
Urban areas (Target 12)	Number of disruptions to basic services, attributed to disasters	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-11-05-03.pdf	global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	XI
Access and benefit-sharing (Target 13)	Existence and continuing development of mechanisms to protect traditional knowledge and associated genetic resources	WHO	https://www.who.int/publications/i/item/9789240118386	Reporting on the WHO Global Reference List of Traditional, Complementary and Integrative Medicine (TCIM) indicators primarily through standardized, periodic global surveys conducted by the WHO, which gather data from Member States	XII/ XII.2
Biosafety and biotechnology (Target 17)	Percentage of bloodstream infections due to selected antimicrobial-resistant organisms	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-03-0D-02.pdf	global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	XIII

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Mainstreaming (Targets 14, 15, and 18)	(a) Number of countries that have established national targets in accordance with or similar to Kunming-Montreal Global Biodiversity Framework Target 14 in their national biodiversity strategy and action plans and the progress reported towards these targets; and (b) integration of biodiversity into national accounting and reporting systems, defined as implementation of the System of Environmental-Economic Accounting	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-15-09-01.pdf	global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	XIV/ XIV.3
Consumption (Target 16)	Level of population living in poverty, including as an outcome of adaptation actions where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XV
Means of implementation (Targets 19 and 20)	Number of environmental and Occupational Health and Hygiene Professionals	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/environmental-and-occupational-health-and-hygiene-professionals-(number)	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	III/III.1, XI
Means of implementation (Targets 19 and 20)	Health technology for high burden diseases	WHO	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/types-of-lists-recommending-health-technology-for-high-burden-diseases	World Health Statistics/Global Health Observatory (GHO) Data: Annual submissions of key health statistics, including mortality, morbidity, and health system capacity.	XVI/ XVI.2, XVI.3

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
Means of implementation (Targets 19 and 20)	Extent of implementation of institutional frameworks for knowledge transfer, research and development, and extension services supporting climate change adaptation in the areas of food and agriculture relative to needs	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVI/ XVI.1
Means of implementation (Targets 19 and 20)	Proportion of health practitioners who have received capacity-building support pertaining to climate change adaptation and health	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	III/III.1, XVI
Means of implementation (Targets 19 and 20)	Level of establishment of institutional arrangements for the provision of regular training on climate change adaptation that incorporates guidance from traditional, local and Indigenous Peoples' knowledge where applicable	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	III/III.1, III.8, XVI
Means of implementation (Targets 19 and 20)	Extent of implementation of national adaptation plans, policies and strategies relative to planned implementation thereof	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVI/ XVI.1
Means of implementation (Targets 19 and 20)	Amount of finance for climate adaptation reported in line with chapters IV, V and VI, as relevant and as appropriate, of the annex to decision 18/CMA.1,	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVI

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
	disaggregated by the parameters listed in paragraphs 123, 125, 133 and 134, as applicable, of the same decision, which includes the amount of international public finance for climate adaptation provided by developed countries and received by developing countries for the implementation of national adaptation plans, policy instruments, and planning processes and/or strategies				
Means of implementation (Targets 19 and 20)	Technology development and transfer for climate adaptation reported in line with chapters IV, V and VI, as relevant and as appropriate, of the annex to decision 18/CMA.1, disaggregated by the parameters listed in paragraphs 127, 136 and 138, as applicable, of the same decision, which includes technology development and transfer support for climate adaptation provided by developed countries and needed and received by developing countries for the implementation of national adaptation plans, policy	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVI/ XVI.2

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
	instruments, and planning processes and/or strategies;				
Means of implementation (Targets 19 and 20)	Capacity-building for climate adaptation reported in line with chapters IV, V and VI, as relevant and as appropriate, of the annex to decision 18/CMA.1, disaggregated by the parameters listed in paragraphs 129, 140 and 142, as applicable, of the same decision, which includes capacity-building support for climate adaptation provided by developed countries and needed and received by developing countries for the implementation of national adaptation plans, policy instruments, and planning processes and/or strategies.	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVI
Knowledge and engagement of people (Targets 21, 22, and 23)	Extent to which (i) global citizenship education and (ii) education for sustainable development are mainstreamed in (a) national education policies; (b) curricula; (c) teacher education; and (d) student assessment	SDG	https://unstats.un.org/sdgs/metadata/files/Metadata-04-07-01.pdf	global Indicator Framework. Adopted by The General Assembly on 6 July 2017 (A/RES/71/313)	III/III.1, XVI/XVI.1
Knowledge and engagement of people	Number of people per 100,000 supported in planned relocation processes in response to	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVII

<i>Thematic area^a</i>	<i>Indicators from processes other than the Kunming-Montreal Global Biodiversity Framework</i>	<i>Origin</i>	<i>Reference</i>	<i>Where is the indicator used</i>	<i>Biodiversity and health indicators/questions (from the progress measurement tool) that are most strongly associated with this indicator^b</i>
(Targets 21, 22, and 23)	water-related hazards, where adaptation measures were taken to ensure safety of populations				
Knowledge and engagement of people (Targets 21, 22, and 23)	Status of having gender-responsive adaptation plans, policy instruments, and planning processes and/or strategies in place	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVII/ XVII.4
Knowledge and engagement of people (Targets 21, 22, and 23)	Existence of national adaptation plans, policy instruments, planning processes and strategies that have been informed by traditional knowledge, knowledge of indigenous peoples and local knowledge systems	UNFCCC	https://unfccc.int/sites/default/files/resource/cma2025_19_a02.pdf	Belém Adaptation Indicators: Annex of Decision 12/CMA.7 on Global goal on adaptation	XVII/ XVII.3, XVII.4, XVII.5