

9(c) Attaining resilience against climate change related health impacts, promoting climate-resilient health services, and significantly reducing climate-related morbidity and mortality, particularly in the most vulnerable communities

Indicator	Country	NAP	NDC	LT-LEDS	AdCom	NC	BTR
Number of people at high risk of heat stress	AGO		2021		2021		
Climate related campaigns include health related climate impacts	ALB	2021					
Preparedness for extreme climate events is enhanced through early warning systems and primary health care facilities	ALB	2021					
Surveillance and prevention measures against communicable diseases caused by climate change are improved	ALB	2021					
Nombre de séances de sensibilisation des ménages (Number of household awareness sessions)	BDI		2021		2021		
Pourcentage de points d'eau disposant d'activités de préservation et de protection de la source (Percentage of water points with)	BDI		2021		2021		
Nombre de personnes sinistrées (Number of victims)	BEN	2022					
% de diminution de la prévalence des maladies sensibles au climat (% decrease in prevalence of climate-sensitive diseases)	BEN			2016			
Taux d'accès aux financements de Projets d'adaptations impliquant des populations à situations sanitaires vulnérables aux	BEN		2021				
National healthcare strategies incorporating climate change issues are available	BFA	2015					
Sanitary infrastructures have been constructed to take account of climate-change-related risks	BFA	2015					
Number of research studies dealing with healthcare and climate change	BFA	2015					
A framework for collaboration between the climate change and healthcare sectors is in operation	BFA	2015					
A training plan to improve levels of knowledge among personnel in relation to climate-change-sensitive diseases has been produced	BFA	2015					
Number of people trained in climate-change-sensitive diseases	BFA	2015					
A communication strategy for adaptation is available	BFA	2015					
Adaptation awareness-raising resources are available	BFA	2015					
Forecasting and response climate-change-related tools are available	BFA	2015					
Human health (medical expenses, diseases occurrences, mortality rate, risk of disability, etc.)	BGD	2023					
Death or injuries and damages due to lightning and landslides	BGD	2023					
Heatstroke rate during the summer	BGD	2023					
Pre-mature childbirth and high blood pressure or other comorbidity rates in coastal areas	BGD	2023					
Living standards, public and mental health	BGD	2023					
Occurrence of vector or waterborne diseases	BGD	2023					
Coverage of climate-resilient health-care facilities	BGD	2023					
Mortality rate	BGD	2023					
Health-care digitalization coverage	BGD	2023					
Health-care facilities count (hospitals, health complexes, satellite clinics, etc.)	BGD	2023					
Number of people at high risk of heat stress	BIH	2022					
Number of hospitals located in areas at risk from flooding/coastal erosion	BIH	2022					
Number of cases of water-borne diseases	BIH	2022					
Annual media campaigns on climate change and public health issues	BIH			2023			
Protocol for monitoring public-health emergencies integrated with analysis of climatic, environmental and socioeconomic risk drafted;	BRA	2016					
Panel for strategic information on climate and health established	BRA	2016					
Integration Centre for Health, Environment and Sustainability Technologies established	BRA	2016					
A study, research, monitoring and communication network on climate and health established and consolidated	BRA	2016					
Cooperation agreement on climate and health research within the Unified Health System drafted and implemented	BRA	2016					
Project between National Climate and Health Observatory and the Knowledge Centre on Public Health and Disasters drafted	BRA	2016					
Number of strategies and plans on pests, diseases, zoonosis developed and implemented	BTN	2023			2023		
Monitoring system for climate sensitive diseases established	BTN	2023			2023		
New laboratory technologies introduced to detect emerging/re-emerging diseases induced by climate change	BTN	2023			2023		
Number of health care facilities assessed for vulnerability to climate change induced disasters	BTN	2023			2023		
Vector borne disease early warning and prediction model developed	BTN	2023			2023		

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Number of health care infrastructures adapted to climate change induced disasters	BTN	2023			2023		
Number of Health Centres with certified health workers	BTN	2023			2023		
No of health workers trained on health and climate change	BTN	2023			2023		
Number of stakeholders sensitized in districts on One Health approach	BTN	2023			2023		
Joint cross border collaboration action plan for climate sensitive diseases prevention and control in place	BTN	2023			2023		
Joint cross border collaboration action plan for climate sensitive diseases prevention and control reviewed	BTN	2023			2023		
Number of people from community trained on prevention of vector borne diseases	BTN	2023			2023		
Nombre de formations sanitaires créées ou réhabilitées (Number of health facilities created or rehabilitated)	CMR	2015					
Nombre de relais communautaires ravitaillés en kits de prise en charge des victimes des catastrophes et des maladies émergentes liées aux changements climatiques (Number of community relays supplied with care kits for victims of disasters and emerging diseases linked to climate change)	CMR	2015					
Répertoire des meilleures expériences de la pharmacopée disponible (Directory of the best pharmacopoeia experiences available)	CMR	2015					
Pourcentage de l'offre sanitaire (Percentage of health provision)	CMR	2015					
Nombre de laboratoires d'analyse médicales créés et renforcés (Number of medical analysis laboratories created and strengthened)	CMR	2015					
Nombre de formations sanitaires qui répondent aux normes (Number of health facilities that meet standards)	CMR	2015					
Nombre d'établissements de santé construits, réhabilités (Number of health establishments built, rehabilitated)	COD		2021				
Nombre de personnes ayant accès aux services de santé de base (Number of people with access to basic health services)	COD		2021				
Types de synergie créés avec d'autres initiatives sur les plans de la santé publique (Types of synergy created with other public	COD		2021				
Nombre et qualité d'acteurs engagés en Développement des synergies avec d'autres initiatives sur les plans de la santé publique (Number and quality of actors involved in the development of synergies with other initiatives in the field of public health)	COD		2021				
Percentage reduction of Malaria case incidence	ETH		2021				
Percentage reduction in Cholera case incidence	ETH		2021				
Percentage of health care facilities with safe waste management	ETH		2021				
Proportion of health facilities with safe energy sources	ETH		2021				
% of target population covered by environment and health surveillance systems integrating climate change	ETH	2019					
% of health workers aware of climate change impacts	ETH	2019					
Percentage of recipients of Targeted Social Assistance and percentage of pension recipients	GEO					2021	
Percentage of qualified health workers	GEO					2021	
Number of first aid stations	GEO					2021	
Percentage of people older than 65 years, including women, population density	GEO					2021	
Percentage of cardiovascular diseases and percentage of respiratory diseases	GEO					2021	
Climate information has been included in national disease surveillance system to strengthen the analysis and use of climate-sensitive disease data.	GRD	2019					
Reducción de la desnutrición crónica (Reduction of chronic malnutrition)	GTM		2022				
Número de infraestructura hospitalaria de 1ero, 2do y 3er nivel de atención (Number of hospital infrastructure of 1st, 2nd and 3rd	GTM	2019					
Porcentaje de pérdidas y daños humanos, infraestructura productiva y de servicios básicos por tipo de evento en la zona marino costera (Percentage of human losses and damages, productive infrastructure and basic services by type of event in the coastal marine zone)	GTM	2019					
Le nombre de personnes souffrant des maladies ciblées (number of people suffering from the targeted diseases)	HTI	2023					
Existence d'équipements adéquats dans les établissements sanitaires (Existence of adequate equipment in health establishments)	HTI		2022				
Existence et exécution de programme d'éducation sanitaire et environnementale (Existence and execution of health and environmental education programs)	HTI		2022				
Amélioration de la performance des dispositifs renforcés de prévention et de traitement des maladies liées au climat (Improving the performance of enhanced prevention and treatment systems for climate-related diseases)	HTI		2022				

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Number of functioning early warning systems for water- and vector-borne diseases in priority locations 2. Staff in targeted health institutions with capacity to respond to—and mitigate impacts of—climate-related health impacts is increased	KIR	2020					
25% increase in outer islands that are engaged in regular environmental health surveillance activities (target and baseline to be established by the end 2015)	KIR	2020					
% decrease in the incidence of climate-related diseases (target and baseline to be established by 2016)	KIR	2020					
A national outbreak preparedness and response plan and a sectoral environmental health plan, which incorporates surveillance and response to climate-sensitive diseases, are in place the end of 201513	KIR	2020					
The EH capacity is strengthened to control vector-related disease outbreaks capacity building	KIR	2020					
Data available differentiating specific food poisoning cases	KIR	2020					
Achievement of 7 International Health Regulations core capacities for surveillance and response	KIR	2020					
Overall health indicators improved using 2004 as a baseline	KIR	2020					
Increased cost to unhealthy foods and reduced cost of healthy food finance	KIR	2020					
Number of family health clinics trained in women's mental health issues, CC and GBV impacts capacity building	KIR	2020					
Climate change health security priorities incorporated into the respective agency's governance frameworks	KIR	2020					
Achievement of international health guidance on core capacities for surveillance and response to climate change	KIR	2020					
Increased number of qualified health sector staff as compared with 2011 roster.	KIR	2020					
Number of projects to improve health systems to respond to identified climate risks (to health or infrastructure) implemented according to asset management plan	KIR	2020					
% of hospitals with five specialised services	KIR	2020					
Number of joint projects on climate change and health-related issues, including mental health and nutrition	KIR	2020					
Area (ha) and natural assets (by type) protected or rehabilitated from water-borne pollution from poor sanitation	KIR	2020					
Indicators of sanitation markedly improved from a 2004 baseline	KIR	2020					
Health impact assessment of climate change	KOR				2023		
Number of platforms joined for sharing information on infectious diseases	KOR				2023		
Development of a health management application considering climate change	KOR				2023		
Public briefings on behavioral guidelines for facilities used by vulnerable populations	KOR				2023		
Number of proposals on public health adaptation from climate change submitted to international organizations	LAO		2021				
Number of research studies on impact of climate change on prevalence and spread of diseases conducted	LKA	2016					
Amount of money allocated/utilized for doing research on impact of climate change on prevalence and spread of diseases conducted	LKA	2016					
Assessment on the critical factors for controlling climate-induced disease incidents finalized	LKA	2016					
Number of plausible strategies identified for management of climate-induced disease incidents	LKA	2016					
Surveillance programme for detection and monitoring of climate-induced diseases established	LKA	2016					
Number of vulnerability maps on climate related health hazards produced	LKA	2016					
Money allocated for establishing a mechanism for sharing meteorological, clinical and entomological information	LKA	2016					
Disaster risk preparedness guidelines for health workers in vulnerable areas are developed and published	LKA	2016					
Number of awareness workshops on health impacts of extreme events among healthcare workers conducted	LKA	2016					
Amount of money allocated/spent on awareness workshops on health impacts of extreme events among healthcare workers	LKA	2016					
Amount of money allocated/spent on activities to strengthen the coordination between disaster management and health	LKA	2016					
Number of coordination meetings/workshops between disaster management and health management agencies	LKA	2016					
Number of research studies on heat/thermal stress on human health conducted	LKA	2016					
Amount of money allocated/spent on research studies on heat/thermal stress on human health	LKA	2016					
Assessments on the diagnostic tools and treatment procedures are completed	LKA	2016					
Number of awareness programmes on health risks of heat/thermal stress conducted	LKA	2016					
Amount of money allocated/spent on awareness activities on health risks of heat/thermal stress	LKA	2016					
Working group for Health Information System established, approved procedures	MDA					2023	

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Database established and accessible for use	MDA					2023	
Mechanism for early warning, management and control of extreme weather events effects established	MDA					2023	
Measures to reduce impact of air pollution and cold waves on population health applied; air quality monitoring stations developed	MDA					2023	
Early warning system operational	MDA					2023	
Mechanisms to provide access to isolated and vulnerable populations established	MDA					2023	
Disease monitoring systems improved and strengthened	MDA					2023	
Disease surveillance systems improved and consolidated	MDA					2023	
Constantly operational information system in place	MDA					2023	
Plan addressing care for vulnerable population groups (elderly people, women and men with children, isolated people, people without a place to live, etc.) in case of health and climate emergencies developed	MDA					2023	
Primary health care service support resilient to climate changes	MDA					2023	
Emergency departments for cardiovascular diseases equipped	MDA					2023	
Hospital infrastructure in Green Hospital principles implemented	MDA					2023	
Diminution des maladies liées au climat par rapport aux années précédentes à tous les niveaux national, régional (Reduction in climate-related illnesses compared with previous years at national, regional levels)	MDG	2022					
Nombre de localités enclavées disposant et mettant en œuvre un SAP multirisques, incluant la santé (Number of landlocked localities having and implementing a multi-risk EWS, including health)	MDG	2022					
Diminution du taux des victimes classées dans les catégories vulnérables; femmes, femmes enceintes, nourrissons, enfants, personnes en situation de handicap, personnes âgées, etc aux aléas climatiques (Decrease in the number of victims classified as vulnerable; women, pregnant women, infants, children, people with disabilities, the elderly to climatic hazards)	MDG	2022					
Proportion d'agents de santé ayant bénéficié des séances d'information et de formation sur la santé et le changement climatique (Proportion of health workers who have benefited from information and training sessions on health and climate change.)	MDG	2022					
Proportion de Services de districts de santé publique disposant d'un système de surveillance et d'alerte précoce en climat et santé fonctionnelle (Proportion of district public health services with a functional climate and health surveillance and early warning system)	MDG	2022					
Proportion de Centres de Santé de Base utilisant les SMS/tablettes pour l'alerte précoce (Proportion of Basic Health Centres using SMS/tablets for early warning)	MDG	2022					
No of district hospitals commissioned	NAM		2024				
Medical staff recruited and trained	NAM		2024				
No of endemic malaria sites treated	NAM		2024				
No of persons affected with malaria	NAM		2024				
No of affected persons treated	NAM		2024				
No of cases of Bacterial Diarrhoea	NAM		2024				
Hepatitis A, Tuberculosis, Lower respiratory infections	NAM		2024				
No of sensitization campaigns undertaken	NAM		2024				
No of staff trained for improved disease management	NAM						
Nombre de guides de la santé sur l'intégration des questions climatiques le secteur (Number of health guides on integrating climate issues into the sector)	NER	2022					
Nombre de séances de renforcement de capacité sur l'intégration des questions climatiques le secteur (Number of capacity-building sessions on integrating climate issues into the health sector)	NER	2022					
Nombre de projets dans le secteur de la santé sensibles au climat approuvés pour financement (Number of climate-sensitive healthcare projects approved for funding)	NER	2022					
Nombre de systèmes de surveillance et d'information intégrant les changements climatiques (Number of health monitoring and information systems integrating climate change)	NER	2022					
Nombre de projets financés cohortes de agents de la sante animal, humaine et environnementale (Number of projects funded cohorts of animal, human and environmental health agents)	NER	2022					

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Nombre de projets intégrés dans le système de suivi du Conseil National de l'Environnement pour un Développement Durable (Number of health projects integrated into the National Environment Council for Sustainable Development monitoring system)	NER	2022					
HiAP approach to energy policy adopted	PAK		2021				
Number of measures adopted to improve child mortality rate	PAK		2021				
Number of standardized emergency procedures developed	PAK		2021				
Number of health adaptation programs implemented with support of GIS tools	PAK		2021				
One Health mechanism adopted	PAK		2021				
Number of research and policy papers on the linkages between climate change/gender, disasters and health	PAK		2021				
Number of multi-sectoral collaboration mechanisms between Ministries of Health, Climate and Energy operationalized	PAK		2021				
Number of research studies conducted	PAK		2021				
Disaggregated data by socioeconomic sector, ethnicity, age and sex is included in the public health section of the NAP	PAN		2024		2024		
Contar con una base de datos que registre el fortalecimiento de capacidades de personal en el uso del sistema de información y vigilancia epidemiológica, desagregada por, regiones, edad, sexo y otras variables pertinentes. (Have a database that records the	PAN		2024		2024		
Sistema de Información y Vigilancia Epidemiológica fortalecido. (Strengthened Epidemiological Information and Surveillance System.)	PAN		2024		2024		
Que el estudio de vulnerabilidad contemple. y/o incorpore un capítulo o sección de vulnerabilidad climática para las mujeres del sector de la salud (cualitativo) (The vulnerability study should include and/or incorporate a chapter or section on climate vulnerability for women in the health sector (qualitative))	PAN		2024		2024		
Diagnóstico/estudio de la vulnerabilidad realizado. (Assessment/study on vulnerability of health system performed)	PAN		2024		2024		
Porcentaje de medidas de adaptación al cambio climático implementadas relacionadas directamente con las personas involucradas en las áreas temáticas de salud, pesca y acuicultura, agricultura, agua y bosques (Percentage of climate change adaptation measures implemented directly related to people involved in the thematic areas of health, fisheries and aquaculture, agriculture, water and forests)	PER	2021					
Número de familias que desarrollan prácticas saludables ante el incremento de enfermedades transmitidas por vectores (Number of families that develop healthy practices in the face of the increase in vector-borne diseases)	PER	2021					
Número de familias que desarrollan prácticas saludables ante la exposición a temperaturas extremas (Number of families that develop healthy practices when exposed to extreme temperatures)	PER	2021					
N.o de servicios de salud vulnerables que implementan medidas para el funcionamiento y operatividad ante la ocurrencia de peligros asociados al cambio climático (No. of vulnerable health services that implement measures for the functioning and operability in the event of dangers associated with climate change)	PER	2021					
N.o de servicios de salud que implementan mecanismos financieros para garantizar la continuidad de la atención a la población vulnerable (No. of health services that implement financial mechanisms to guarantee continuity of care for the vulnerable population)	PER	2021					

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Número de servicios de salud vulnerables que implementan acciones de prevención, reducción, preparación y respuesta ante la ocurrencia de peligros asociados al cambio climático (Number of vulnerable health services that implement prevention, reduction, preparation and response actions in the event of dangers associated with climate change)	PER	2021					
N.o de infraestructura de salud construida y/o habilitada que implementen tecnologías ante la ocurrencia de peligros asociados al cambio climático (No. of health infrastructure built and/or enabled that implement technologies in the event of dangers associated with climate change)	PER	2021					
Número de infraestructura de salud vulnerable que implementa tecnologías ante la ocurrencia de peligros asociados al cambio climático (Number of vulnerable health infrastructure that implements technologies in the event of dangers associated with climate change)	PER	2021					
Número de Geresa, DIRI, Diresa y Redes de Salud en zonas de alta vulnerabilidad que implementan estrategias preventivas de respuesta (Number of Geresa, DIRI, Diresa and Health Networks in highly vulnerable areas that implement preventive response strategies)	PER	2021					
Reduction in the number of cases of human vector-borne diseases associated with climate change (decadal average)	PRT				2021		
Reduction in the number of cases of human vector-borne diseases associated with climate change (decadal average)	PRT				2021		
Número de casos de dengue (Number of dengue cases)	PRY	2022					
Number of medical personnel per citizen	RMI	2023					
Number of health facilities upgraded to standard and maintained as such	RMI	2023					
The number of recruited staff in critical health sector roles	RMI	2023					
Malaria proportional mortality rate per 1,000 population	RWA		2020				
Uptake of early warning systems in health sector (UV and air/water quality)	SLE		2021				
Developed methodology for the climate change assessment and vulnerability monitoring for the health sector	SRB	2024					
Expansion of preventative care programs	SUR	2020					
Area of country monitored for diseases that have been highlighted with a climate change signal	SUR	2020					
Reduced frequency and intensity of outbreaks	SUR	2020					
Capacity assessment of healthcare system implemented	SUR	2020					
Number of foreign-local linkages	SUR	2020					
Health care professionals trained in climate and health related areas	SUR	2020					
Engagement between practitioners and communities	SUR	2020					
Increase in public awareness on climate related health impacts	SUR	2020					
Public access to feedback mechanisms to empower affected populations to respond to warnings	SUR	2020					
Health and climate risk maps developed	SUR	2020					
Number of healthcare indicators monitored (impacts, vulnerability, response capacity, and emergency preparedness capacity)	SUR	2020					
Regularization of healthcare capacity reviews	SUR	2020					
Increase in surveillance programmes e.g. rapid diagnostics, syndromic surveillance to identify changing incidence	SUR	2020					
Increased risk mapping to understand geographic and seasonal distribution of health risks and outcomes	SUR	2020					
Increased (established) early warning systems for extreme weather events and climate-sensitive diseases	SUR	2020					
Health sector plan fully aligned with JNAP published, approved by parliament and disseminated	TON	2021					
Percentage of CC-related problems detected and managed	TUN			2022			
Disease burden	TUN			2022			
No. of climate risk and vulnerability assessments conducted for health sector	UGA		2022				
No of district climate health profiles developed	UGA		2022				
Health National Adaptation Plan (NAP) developed	UGA		2022				
Level of linkage between the emergency medical call system with the National Disaster response call system	UGA		2022				
No. of transformed National and Regional Referral Hospitals (Climate smart hospitals)	UGA		2022				
Level of implementation of Health NAP	UGA		2022				
International Health Regulations capacity and health emergency preparedness	VCT	2019					
A National Climate Change and Health Flagship Programme established	ZAF	2021					
Number of healthcare worker training programmes on health and climate change created	ZAF	2021					
Number of individuals who have received training	ZAF	2021					