

◆ KPIs for the sectoral measures set in the Climate Change Adaptation Plan (approved by the Cabinet on October 22, 2021)

No.	Sector	Category	Subcategory	KPI		FY 2026 target	Ministry in charge	Remarks
				Name	Unit			
1	Agriculture, forestry, and fisheries	Agriculture	Paddy field rice	Percentage of the area planted with high-temperature-resistant staple rice cultivars	%	18	Ministry of Agriculture, Forestry and Fisheries	11.2% (as of FY 2020)
2		Agriculture	Agricultural production infrastructure	Area of farmland and its surroundings protected against flood damage	ha	Approx. 210,000 Note: FY 2025 target	Ministry of Agriculture, Forestry and Fisheries	
3		Forestry	Timber production (planted forests, etc.)	Percentage of prefectures where the damage rate of pine wilt disease in preserved pine forest is kept at "slight damage" of less than 1%	%	100	Ministry of Agriculture, Forestry and Fisheries	85% (as of FY 2019)
4		Fisheries	Migratory fish stocks (ecology of fishes)	Number of fish species for stock assessment based on the maximum sustainable yield (MSY)	species	22	Ministry of Agriculture, Forestry and Fisheries	12 species (as of FY 2020)
5	Water environment and water resources	Water resources	Water supply (surface water)	Number of published drought response timelines	count	23	Ministry of Land, Infrastructure, Transport and Tourism	7 (as of FY 2020)
6	Natural ecosystems	Terrestrial ecosystems	Alpine/subalpine zone	Number of assessment items per site in the survey on the impacts of climate change on ecosystems	items	9	Ministry of the Environment	
7		Terrestrial ecosystems	Impacts from wildlife	Number of category 2 specified wildlife control plans (sika deer) in place with numerical targets	count	-	Ministry of the Environment	
8		Coastal ecosystems	Subtropical zone	Number of initiatives conducive to conserving coral reef ecosystems reported by relevant ministries/agencies and local governments	count	90	Ministry of the Environment	68 (as of FY 2020)
9		Others	Shifts in distribution and populations	Number of data items reported on wildlife habitat trends from studies with public participation	count	30000	Ministry of the Environment	
10		Others	Shifts in distribution and populations	Number of monitoring sites in alpine zones and coastal areas	sites	226	Ministry of the Environment	
11		Ecosystem services	Eco-DRR function of coral reefs	Number of initiatives conducive to conserving coral reef ecosystems reported by relevant ministries/agencies and local governments (Listed again)	count	90	Ministry of the Environment	68 (as of FY 2020)
12	Natural disasters and coastal areas	Rivers	Floods	Number of river infrastructure improvement plans in place that consider the future impacts of climate change	rivers	Approx. 20 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	0 rivers (as of FY 2020)
13		Rivers	Floods	Number of Class A and Class B river systems with flood control projects jointly established under the River Basin Disaster Resilience and Sustainability by All policy	river systems	Approx. 550 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	0 river systems (as of FY 2019)
14		Rivers	Floods	Number of municipalities conducting basin-wide flood control measures under the River Basin Disaster Resilience and Sustainability by All policy	municipalities	Approx. 900 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	536 municipalities (as of FY 2019)
15		Rivers	Floods	Percentage of class A and Class B rivers prepared for worst-case scenarios (e.g., the worst flood in postwar history)	%	Approx. 73 class A rivers Approx. 71 Class B rivers Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	Approx. 65% of class A rivers Approx. 62% of Class B rivers (as of FY 2019)
16		Rivers	Floods	Number of Class A and Class B rivers with disaster information secured and disseminated under the Flood Control Act (e.g., the range of land that will be inundated in the biggest possible flood)	Rivers	Approx. 17,000 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	2,027 rivers (as of FY 2020)
17		Rivers	Floods	Percentage of river systems with a system in place for preemptive water release	%	100 Note: FY 2021 target	Ministry of Land, Infrastructure, Transport and Tourism	0% (as of FY 2019)
18		Rivers	Inland waters	Number of organizations that have created flood risk zone maps including the risk of the worst inland flooding	organizations	Approx. 800 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	15 organizations (as of FY 2019)
19		Rivers	Inland waters	Number of local governments that have put green infrastructure projects into practice among the registered members of the Green Infrastructure Public-Private Collaborative Platform (Listed again)	local governments	70 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	3 local governments (as of FY 2019)
20		Coastal areas	Storm surges and high waves	Number of prefectures that have designated storm surge flood risk zones	prefectures	39 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	5 (as of FY 2020)
21		Coastal areas	Storm surges and high waves	Percentage of harbors and ports (classified as major or higher) where disaster drills have been conducted in the past three years in accordance with their business continuity plans (port BCPs)	%	100 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	95% (as of FY 2019)
22		Coastal areas	Storm surges and high waves	Percentage of appropriately conserved coastal disaster prevention forests	%	100 Note: FY 2023 target	Ministry of Agriculture, Forestry and Fisheries	96% (as of FY 2019)
23		Mountain areas	Debris flows, landslides, etc.	Number of newly announced hazard maps for sediment disasters	areas	Approx. 56,000 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	0 areas (as of FY 2019)
24	Mountain areas	Debris flows, landslides, etc.	Number of villages where surrounding forests have properly demonstrated their mountain disaster prevention function	villages	58,600 Note: FY 2023 target	Ministry of Agriculture, Forestry and Fisheries	56,600 villages (as of FY 2019)	

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No.	Sector	Category	Subcategory	KPI		FY 2026 target	Ministry in charge	Remarks
				Name	Unit			
25	Human health	Heat stress	Mortality risk	Annual number of heat illness-related deaths	persons	≤1,000 Note: Earliest possible achievement pursued	Ministry of the Environment	
26		Heat stress	Heat illness	Annual number of heat illness-related deaths (Listed again)	persons	≤1,000 Note: Earliest possible achievement pursued	Ministry of the Environment	
27		Heat stress	Heat illness	Progress of heat illness awareness raising (percentage of local governments that took heat illness prevention measures before the hot season began, based on a questionnaire survey)	%	100	Ministry of the Environment	
28		Heat stress	Heat illness	Awareness raising through the "Combat Heatstroke at Work" campaign	copies	150,000	Ministry of Health, Labour and Welfare	
29		Heat stress	Heat illness	Percentage of fire department headquarters that have waged prevention and awareness campaigns by distributing leaflets, posters, and other materials created by the Fire and Disaster Management Agency (or local governments)	%	100	Ministry of Internal Affairs and Communications	
30		Others	Impacts on vulnerable groups (elderly people, children, people with underlying diseases, etc.)	Annual number of heat illness-related deaths (Listed again)	persons	≤1,000 Note: Earliest possible achievement pursued	Ministry of the Environment	
31	Industrial and economic activities	Construction		Awareness raising through the "Combat Heatstroke at Work" campaign (Listed again)	copies	150,000	Ministry of Health, Labour and Welfare	
32	Life of the citizenry and urban life	Urban infrastructure and lifelines	Water supply, transportation, etc.	Percentage of improved combined sewer systems (Combined area of the districts where facilities for "pollution load reduction" required under Article 6, paragraph 2 of the Enforcement Order for the Sewerage Act are in place as a percentage of the total area covered by combined sewer systems)	%	100 Note: FY 2023 target	Ministry of Land, Infrastructure, Transport and Tourism	Approx. 89.6% (as of FY 2019)
33		Urban infrastructure and lifelines	Water supply, transportation, etc.	Installation of improved aids to navigation to prepare for the loss of power (i.e., become solar powered)	locations	4 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	0 locations (as of FY 2020)
34		Urban infrastructure and lifelines	Water supply, transportation, etc.	Installation of equipment (aids to navigation) resistant to disasters	locations	106 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	48 locations (as of FY 2020)
35		Urban infrastructure and lifelines	Water supply, transportation, etc.	Number of local governments that have put green infrastructure projects into practice among the registered members of the Green Infrastructure Public-Private Collaborative Platform	local governments	70 Note: FY 2025 target	Ministry of Land, Infrastructure, Transport and Tourism	3 local governments (as of FY 2019)
36		Urban infrastructure and lifelines	Water supply, transportation, etc.	Formulation of crisis management manuals (for water supply)	%	100	Ministry of Health, Labour and Welfare	
37	Others	Impacts on life from heat stress	Percentage of the building stock meeting energy efficiency standards	%	57 Note: FY 2030 target	Ministry of Land, Infrastructure, Transport and Tourism	24% (as of FY 2013)	