

## Indicator 11.4.1

### Indicator Name, Target and Goal

**Indicator 11.4.1** Total per capita expenditure on the preservation, protection and conservation of all cultural and natural heritage, by source of funding (public, private), type of heritage (cultural, natural) and level of government (national, regional, and local/municipal)

**Target 11.4** Strengthen efforts to protect and safeguard the world's cultural and natural heritage

**Goal 11** Make cities and human settlements inclusive, safe, resilient and sustainable

## Natural Heritage

### Definition and Rationale

#### ○ Definition

The government budget for the preservation, protection and conservation of natural heritage. The results are expressed in Purchasing Power Parities (PPP) in constant US dollars (\$). The Purchasing Power Parity (PPP) is calculated by adding up the government budgets for cultural property, natural heritage and industrial heritage.

#### ○ Concepts

“Natural heritage” refers to natural features, geological and physiographical formations and delineated areas that constitute the habitat of threatened species of animals and plants, as well as natural sites of value from the point of view of science, conservation or natural beauty. It includes private and publicly protected natural areas, zoos, aquaria and botanical gardens, natural habitats, marine ecosystems, sanctuaries and reservoirs.

“Conservation of natural heritage” refers to the protection, care, management and maintenance of ecosystems, habitats, and wildlife species and populations within or outside of their natural environments, in order to safeguard the natural conditions for their long-term permanence. The Ministry of the Environment spends its budget on World Natural Heritage sites.

#### ○ Rationale and Interpretation:

This indicator measures the per capita expenditure on the preservation, protection and conservation of cultural and/or natural heritage over time. Its purpose is to monitor changes over time of national efforts for the protection and safeguarding of cultural and/or natural heritage.

### **Data Sources and Collection Method**

The total budget allocated by the Ministry of the Environment and local environmental offices for the “expenses required for the promotion of biodiversity preservation” as shown in Attachment 2 “Promoting Biodiversity and Coexistence with Nature” in the “Budget by Policy Item” documents published from FY 2019 onwards, which can be found in the “Key Measures and Budget Information” section of the Ministry of the Environment’s website.

<http://www.env.go.jp/guide/budget/>

The population data is based on the estimates produced by the United Nations Population Division.

### **Method of Computation and Other Methodological Considerations**

#### Computation Method

The indicator is calculated by dividing the total government budget allocated each year to heritage (i.e., natural heritage, industrial heritage, and the promotion of the preservation and utilization of cultural property with an aim to ensuring its secure inheritance) by the total number of inhabitants and by the Purchasing Power Parity (PPP) US dollar (\$) conversion factor.

#### Comments and limitations

The government budget for the preservation, protection and conservation of natural heritage as described under the Definition section refers to the budget spent by the Ministry of the Environment on World Natural Heritage sites, and does not include the budgets from other ministries or agencies, nor does it include the budgets of local governments and other organizations in the public sector. In addition, statistics for the private sector are not known.

### **Data Disaggregation**

None

## **References**

The “Budget by Policy Item” documents published from FY 2019 onwards, which can be found in the “Key Measures and Budget Information” section of the Ministry of the Environment’s website.

<http://www.env.go.jp/guide/budget/>

## **Custodian Ministries of Data**

Ministry of the Environment

## **Custodian Ministries of Related Policies**

Cabinet Secretariat

Cabinet Office

Agency for Cultural Affairs of the Ministry of Education, Culture, Sports, Science and Technology

Ministry of the Environment

## **International Organizations**

UNESCO Institute for Statistics (UNESCO-UIS)