

## **Indicator 10.1.1**

### **Indicator Name, Target and Goal**

**Indicator 10.1.1** Growth rates of household expenditure or income per capita among the bottom 40 per cent of the population and the total population

**Target 10.1** By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average

**Goal 10** Reduce inequality within and among countries

### **Definition and Rationale**

○ Definition

Annualized average growth rate over five-year period in per capita of  
(1) real consumption  
or  
(2) real disposable income (Workers' household)  
of the bottom 40% of the annual income distribution and of the total population

○ Concepts

annual income: the income of the past twelve months when the survey for each household begins, such as wages, salaries, pension benefits, but it doesn't contain non-reproducible income.  
per capita: calculated by dividing the number of household persons  
real: deflated by CPI(All items, less imputed rent)

○ Rationale and Interpretation:

The data are mostly consistent with the designated definition.

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

Family Income and Expenditure Survey(Total household)

Consumer Price Index(All items, less imputed rent)

## Method of Computation and Other Methodological Considerations

### ○ Computation Method

Growth rate[%]

$$= \left[ \left\{ \left( \frac{Variable_{T_1}}{persons_{T_1} \cdot \frac{CPI_{T_1}}{100}} \right) / \left( \frac{Variable_{T_0}}{persons_{T_0} \cdot \frac{CPI_{T_0}}{100}} \right) \right\}^{1/(T_1-T_0)} - 1 \right] \times 100$$

**Variable:** Consumption expenditure (Total household) or Disposable income (Workers' household of Total household)

**persons:** Number of persons per household

**CPI:** Consumer Price Index (All items, less imputed rent)

**T1:** Final year of the reference period

**T0:** Initial year of the reference period (T0=T1-5)

The figures of bottom 40 percent distribution can be computed by the First (0-20%) quintile group and the Second (20-40%) quintile group.

### ○ Comments and limitations

Disposable income is calculable only for Workers' household.

## Data Disaggregation

N/A

## References

<Ministry of Internal Affairs and Communications, Family Income and Expenditure Survey (total household) yearly average, Table 3>

<https://www.e-stat.go.jp/stat-search/files?page=1&layout=datalist&toukei=00200561&tstat=000000330001&cycle=7&tclass1=000000330001&tclass2=000000330019&tclass3=000000330020>

<Ministry of Internal Affairs and Communications, Consumer Price Index (CPI) (All items, less imputed rent), Historical data>

<https://www.e-stat.go.jp/stat-search/files?page=1&layout=datalist&toukei=00200573&tstat=000001150147&cycle=0&tclass1=000001150151&tclass2=000001150152&tclass3=000001150153&tclass4=000001150154&tclass5val=0>

### **Custodian Ministries of Data**

Ministry of Internal Affairs and Communications

### **Custodian Ministries of Related Policies**

Cabinet Office

Ministry of Health, Labour and Welfare

### **International Organizations**

World Bank