

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[%]

$$= \left[\left\{ \left(\frac{Variable_{T1}}{persons_{T1} \cdot \frac{CPI_{T1}}{100}} \right) / \left(\frac{Variable_{T0}}{persons_{T0} \cdot \frac{CPI_{T0}}{100}} \right) \right\}^{1/(T1-T0)} - 1 \right] \times 100$$

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-](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&second2=1)

[search/files?page=1&layout=datalist&toukei=00200561&tstat=000000330001&cycle=7&tclass1=000000330001&tclass2=000000330019&tclass3=000000330020&second2=1](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&second2=1)

<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=000001084976&cycle=0&tclass1=000001085995&tclass2=000001085936&tclass3=000001085996&tclass4=000001085997>

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