

Explanatory Notes on Main Statistical Indicators

Total Primary Energy Production

refers to the total production of primary energy in a given period of time. It is a comprehensive indicator to show the level, scale, composition and growth of energy production of the city. It includes that of coal, crude oil, natural gas, hydropower and electricity generated by nuclear energy and other means such as wind power and geothermal power, etc. However, it does not include the production of fuels of low calorific value and secondary energy converted from primary energy.

Total Energy Consumption

refers to the total consumption of energy of various kinds by the production sectors of the economy and the households in a given period of time. Total energy consumption can be divided into three parts: final energy consumption, loss during the process of energy conversion, and energy loss.

Final Consumption of Energy

refers to the total energy consumption by various industries and households in the city in a given period of time, but excludes the consumption in conversion of the primary energy into the secondary energy and the loss in the process of energy conversion.

Loss During the Process of Energy Conversion

refers to the total input of various kinds of energy for conversion, minus the total output of various kinds of energy in the city in a given period of time. It is an indicator to show the loss that occurs during the process of energy conversion.

Energy Loss

refers to the total of the loss of energy during the course of energy transport, distribution and storage and the loss caused by any objective reason in a given period of time. The loss of various kinds of gas due to gas discharges and stocktaking is excluded.