

Overview of Methodology Sheets for Air and Energy

United Nations Statistics Division

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Air: Air quality

- Ambient concentration of air pollutants in urban areas (CSD)
 - Issues: agree on pollutants
 - agree on statistical measure
 - agree on criteria for selection of monitoring stations

Air: Climate change

- Carbon dioxide emissions: total, per capita and per \$1 GDP (PPP) (MDG)
Methodology: (IPCC), UNFCCC, CDIAC
- Emissions of Greenhouse Gases (CSD)
Methodology: (IPCC), UNFCCC
Issue: make it similar to CO2 indicator?

Air: Climate change

- *Frequency of extreme events*
(*Discussed under natural disasters*)
- Deviation of annual average precipitation from long-term annual average
- Deviation of annual average temperature from long-term annual average
Methodology: WMO
Issue: availability of measurements at meteorological stations

Air: Ozone layer depletion

- Consumption of ozone-depleting substances (MDG, CSD)

Methodology: UNEP Ozone Secretariat

Issue: availability of data for substances other than CFCs

Energy: energy production

- Primary energy production total, per capita and by source
- Electricity production total, per capita and by source

Energy: Energy consumption

- Share of renewable sources in total energy use (CSD)
- Share of imports in total energy use
- Intensity of energy use, total and by economic activity (CSD)
- Annual energy consumption, total and by main user category (CSD)
- Total energy consumption per capita
- Traditional fuel use as percentage of total energy consumption

Energy: Access to electricity

- Share of households with access to electricity

Weak methodology