

INITIATIVE ON SUSTAINABILITY

Chart of the Week



SUSTAINABILITY PRACTICES: 2012 EDITION

Electricity consumption

Of the 3,000 global companies analyzed, 40 percent reported their total electricity consumption. Among these companies, those in the telecommunication services sector reported the highest median electricity consumption.

Electricity Consumption, Disclosure Rate by Index

Forty percent of Bloomberg ESG 3000 companies reported total electricity consumption.



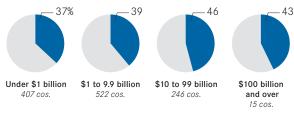
S&P 500 Bloomberg ESG 3000

Russell 1000

Sources: The Conference Board/Bloomberg, 2012.

Electricity Consumption, Disclosure Rate by Revenue Group

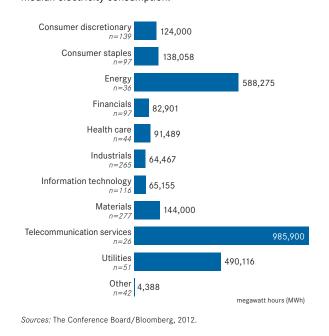
Electricity consumption rates were fairly even across all revenue groups.



Sources: The Conference Board/Bloomberg, 2012.

Electricity Consumption, Median by Sector

The telecommunication services sector reported the highest median electricity consumption.



Why it matters...

- Electricity consumption can account for varying degrees of greenhouse gas emissions depending on the source used to generate the electricity. In the United States, about 68 percent of the electricity consumed is generated using fossil fuels (mainly coal, oil, and natural gas).
- Electricity use is particularly significant in the built environment, as buildings consume about 40 percent of the world's total energy. In the United States, buildings account for approximately 68 percent of electricity consumption and 38 percent of carbon dioxide emissions.²
- 1 U.S. Energy Information Administration (EIA) (http://www.eia.gov/energyexplained/index.cfm?page=electricity_environment).
- 2 "Why Build Green?" United States Environmental Protection Agency, 2012.

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