

Your Digital Footprint: Data and Energy Use



Vocabulary for Students

- **Data:** Information that is stored and transmitted as electrical signals by computers and other kinds of communication technology.
- **Data centers:** A place, often a room or a building, housing computer systems and servers that store, process, and distribute data.
- **Data packets:** A smaller unit that data are broken up into to be transmitted from place to place through cables or as radio waves.
- **Energy efficiency:** Using less energy to provide the same service.
- **Mobile data traffic:** The movement of data packets through cables or as radio waves.
- **Radio waves:** A kind of electromagnetic radiation that has the longest wavelength in the electromagnetic spectrum.
- **Server:** A computer or computer program that stores data and provides it to other computers.

