

## Gaborone electricity consumption

Electricity consumption patterns of 275 domestic households in Gaborone (the capital city of Botswana) have been studied. This was carried out through a questionnaire survey and electricity...

Botswana: Many of us want an overview of how much energy our country consumes, where it comes from, and if we're making progress on decarbonizing our energy mix. This page provides the data for your chosen country across all of the key metrics on this topic.

Imported electricity during the first quarter of 2022 shows a decrease of 32.5 percent (176,416 MWH), from 543,417 MWH during the fourth quarter of 2021 to 367,001 MWH. Figure 2 shows the trend in the physical volume of imported electricity from the first quarter of 2013 to the first quarter of 2022.

Electricity consumption is the highest in Gaborone District at an annual consumption of 1,115.5TJ, a share of 24.4% of the Total Electricity Consumption by the District. According to the table, Petrol is used more than

electricity consumption in households in one city (Gaborone) through the analysis of a recent self-administered questionnaire survey. Gaborone has 231,592 people living

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In the selection box above you can also add or remove additional countries and they will appear on all of the charts on this page. This allows you to compare specific countries you might be interested in, and measure progress against others.

In the energy domain, there are many different units thrown around - joules, exajoules, million tonnes of oil equivalents, barrel equivalents, British thermal units, terawatt-hours, to name a few. This can be confusing, and make comparisons difficult. So at Our World in Data we try to maintain consistency by converting all energy data to watt-hours. We do this to compare energy data across different metrics and sources.

Electricity is a good that adds massive value to modern life: from having light at night; to washing clothes; cooking meals; running machinery; or connecting with people across the world. Many would argue that it is a crucial for poverty alleviation, economic growth and improved living standards.<sup>1</sup>

Having clean fuels and technologies for cooking - meaning non-solid fuels such as natural gas, ethanol or even electric technologies - makes these processes more efficient, saving both time and energy.

Like total energy, the amount of electricity a country generates in total is largely reflected by population size, as well as the average incomes of people in the given country.

But the energy mix - the balance of sources of energy in the supply - is becoming increasingly important as countries try to shift away from fossil fuels towards low-carbon sources of energy (nuclear or renewables including hydropower, solar and wind).

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