

# HEALTH EFFECTS AND WI-FI EQUIPMENT



## ABOUT WI-FI EQUIPMENT

Wi-Fi is a technology that allows devices such as computers, smart phones, video game consoles and smart home devices to communicate data wirelessly. It is often used to link home computers and tablets to the internet. Wi-Fi equipment emits radiofrequency electromagnetic fields (EMF). Other commonly used household products also emit radiofrequency EMF.

These products include:

- > cordless phones
- > Bluetooth devices
- > remote controls for garage door openers

The radiofrequency EMF given off by Wi-Fi is a type of non-ionizing radiation. The level of radiofrequency EMF emitted from a Wi-Fi device must comply with the Canadian standards established for radiocommunication devices.

## HEALTH EFFECTS AND WI-FI

There are **no health risks** from exposure to radiofrequency EMF from Wi-Fi devices in your home, in schools or other areas accessible to the public.

These devices must meet standards to ensure they do not exceed radiofrequency EMF exposure limits.

While some of the radiofrequency EMF emitted by Wi-Fi is absorbed in your body, the amount largely depends on:

- > the strength of the signal
- > how close your body is to a Wi-Fi enabled device

Based on the current scientific evidence the level of radiofrequency EMF emitted from Wi-Fi devices **is not** harmful to health. Health Canada's conclusions are consistent with the findings of other international bodies and regulators.

You **do not** need to take precautionary measures since radiofrequency EMF exposure levels from Wi-Fi are well below Canadian safety limits.

Visit [Canada.ca](https://Canada.ca) and search **Wi-Fi** for more information.

