

5G isn't just an upgrade... It's a massive increase in wireless radiation exposure.

The World Health Organization (WHO) classified wireless radiation as being possibly carcinogenic in 2011, putting it in the same category as lead and DDT. A recent ten-year, \$30-million dollar government study by the U.S. National Toxicology Program showed “clear evidence” of an increased risk of cancer from exposure to wireless radiation. The NTP study and several others since 2011 warrant an upgrade from potentially carcinogenic to “carcinogenic to humans”. (Miller, A.B., *Environmental Research*, 2018)

People are becoming ill as a result of exposure to wireless radiation from sources such as WiFi, cell phones, and other wireless devices. Common symptoms include headaches, insomnia, fatigue, difficulty concentrating, heart arrhythmias and palpitations, skin rashes, ringing in the ears, nosebleeds, dizziness, depression, and infertility. (EHTrust.org)

Alarming decline in millennials' health: According to a recent Blue Cross/Blue Shield 2019 report millennials – the first generation to grow up using cell phones – are experiencing an unprecedented decline in their health. From 2014–17, depression increased by 31%, hyperactivity by 29%, type 2 diabetes by 22%, hypertension by 16%. (Blue Cross, Blue Shield. *The Health of Millennials*, 2019)

There is no scientific evidence to support any claim of safety for 5G.

You have the right to know if this technology is safe before it is installed outside your home.



www.K4ST.ca

Kingstonians For Safe Technology

Email: Kingston4ST@gmail.com

Twitter: @Kingston4ST

Facebook: Kingstonians For Safe Technology

What You Can Do

Attend a screening of the award-winning documentary “**Generation Zapped**”.

August 13 @ 7 pm

Kingston Frontenac Public Library—
Central Branch (130 Johnson Street)

- Sign our **petition** at www.K4ST.ca.
- Display a **lawn sign**.
- **Contact** elected officials and Public Health.
- **Share this information** with friends, family and community.

Other Reasons for Concern

- Privacy and security
- Environmental harm (bees and birds)
- Decreased property values

Sources

Environmental Health Trust: ehtrust.org

What Is 5G?: whatis5g.info

5G Crisis: 5gcrisis.com

Connected Communities: connected-communities.ca



5G Is Coming to a Lamppost Near You Should You Be Concerned?



We recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry... [radiofrequency radiation] has been proven to be harmful for humans and the environment.”

2017 5G Scientific Appeal (signed by 244 scientists and doctors from 35 countries)

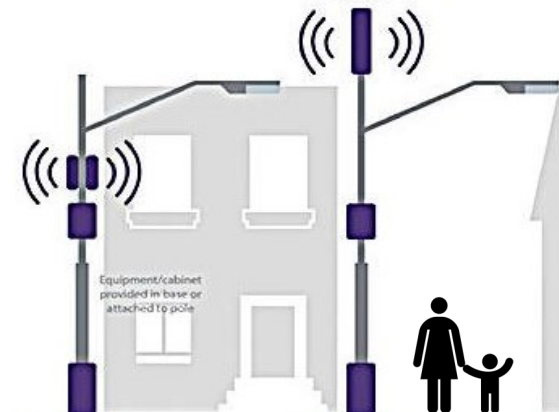
What is 5G? 5G stands for fifth generation mobile phone services. 5G will not only utilize current 3G and 4G wireless frequencies already in use but also add higher frequency — submillimeter and millimeter waves — in order to transmit more data.

Millions of small cells to be placed in front yards: This new mobile network will require millions of small cell antennas to be placed on lampposts and utility poles approximately every 6–10 houses. This will result in involuntary exposure to wireless radiation for everyone 24/7, whether you use the service or not.

The radiation from small cells is not small: Wireless antennas emit microwaves — non-ionizing radiofrequency radiation — and essentially function as cell towers. Each small cell can have over a thousand antennas that are transmitting simultaneously.

Peer reviewed, published science indicates that cumulative daily radiation exposure can increase cancer risk, alter brain development, damage DNA, and damage sperm. Most people are unaware that wireless technology was never tested for long-term safety, that children are more vulnerable and that the accumulated scientific evidence indicates harm. (EHTrust.org)

SOLUTIONS: *Worldwide, many regions are investing in wired fiber-optic connections to the premises versus small cell antennas that emit wirelessly from the street. Wired connections to homes are safer, faster, more reliable, provide greater capacity and cyber-security. Community-owned networks keep profits in the local economy.* (connected-communities.ca)



Kingston has declared a “climate emergency”

5G and climate protection are incompatible:

- Sending data through fiber optic cables connected to our homes is many 1000s of times more energy-efficient than streaming data wirelessly through the air and from the curb. (connected-communities.ca)
- By 2025 “wireless cloud” computing is projected to use 20% of all electricity and emit up to 5.5% of the world’s carbon emissions. (whatis5g.info/energy-consumption)

A SMART CITY IS A WIRED CITY!

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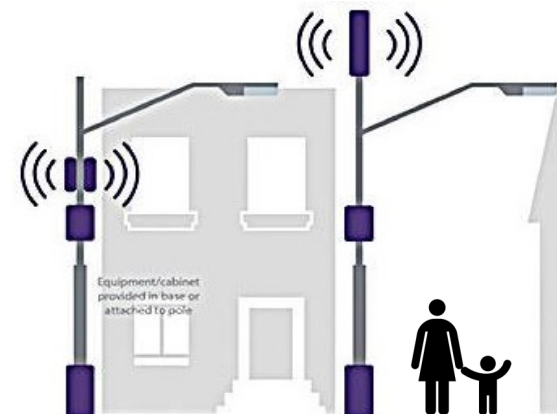
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