

## IMPACT STATEMENT

**Legislation title:** Request the federal government update studies on the potential health risks of 5G radio frequency wireless emissions and publish findings, as federal guidelines push for more rapid deployment of 5G (Resolution)

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### **Purpose of proposed legislation and background information:**

Federal guidelines are pushing for more rapid deployment of the new fifth-generation wireless communications technology, known as 5G. The technology is expected to boost the speed and reliability of wireless services and help spread the use of artificial intelligence and other cutting-edge technologies.

Although the benefits of 5G have been heralded by some, others caution against installing the new wireless communications technology in communities before better understanding the potential health risks associated with it. For example, U.S. Senator Richard Blumenthal and Congresswoman Anna G. Eshoo recently sent a letter to FCC Commissioner Brendan Carr echoing the concerns of another elected official about research that showed potential connection between adverse health conditions, like cancer, and exposure to radio frequency emissions. They asked for the studies informing the FCC's 5G safety determination, while they did receive a letter from the FCC, it had no mention of 5G safety testing.

Local governments are unable to reject the installation of 5G due to health concerns. Despite this limitation, we must stay as informed as possible to uphold our commitment to protecting the health and safety of our community members. Through this resolution, we are requesting the FCC and other relevant federal agencies to revisit and update studies on potential health concerns arising from radio frequency wireless emissions considering 5G technology. Findings from these studies need to be publicly available.

### **Community impacts and community involvement:**

There is evidence to suggest that exposure to radio frequency emissions generated by wireless technologies could contribute to adverse health conditions such as cancer. Wireless companies in the U.S. say they'll have to install about 300,000 new antennas, close to the total number of cell towers built over the past three decades. This substantial increase in cell towers deployed in communities means greater contact with them.

**Budgetary Impact Worksheet****Does this action change appropriations?**

- YES:** Please complete the information below.  
 **NO:** Skip this section

<b>Fund</b>	<b>Fund Center</b>	<b>Commitment Item</b>	<b>Functional Area</b>	<b>Funded Program</b>	<b>Grant</b>	<b>Sponsored Program</b>	<b>Amount</b>