



Governor Gavin Newsom
P.O. Box 942849
Room 2179
Sacramento, CA 94249-0066

Wired Technology for Schools and Homes

Dear Governor Newsom,

Thank you for all your efforts to keep Californians safe in this unprecedented time of COVID-19. EMF Safety Network (EMFSN)¹, Ecological Options Network (EON)², and Environmental Health Trust³ share concerns about your recent statement⁴ as reported by the LA times, *"With many schools closed across the state and teachers struggling to implement online and alternative learning programs, the governor also asked for an expansion of technology investments for schools, an increase in Title I funding for schools with a high concentration of poverty, broadband internet upgrades, grants for teachers to adapt to digital-age instruction..."*

If your plan is to upgrade to wired infrastructure then we support your intentions. Wired ethernet cables provide faster, safer, more secure and more reliable internet service. We do not support increasing wireless infrastructure in schools or homes because peer-reviewed studies show harm from exposure to wireless radiation transmitters, such as wi-fi, computers and cell

¹ EMF Safety Network (EMFSN) is a non-profit sponsored project whose mission is to educate and empower people by providing science and solutions to reduce EMFs, achieve public policy change, and obtain environmental justice. www.emfsafetynetwork.org

² Ecological Options Network is a non-profit that supports grassroots movements working for planetary and human rights through deep democracy. <http://www.eon3.org>

³ Environmental Health Trust is a non-profit organization whose mission is to safeguard human health and the environment by empowering people with state-of-the-art information. <https://ehtrust.org>

⁴ <https://www.latimes.com/california/story/2020-03-19/gavin-newsom-california-1-billion-federal-aid-coronavirus>

phones. In addition, peer-reviewed studies show wireless radiation adversely effects the immune system.⁵⁶⁷⁸⁹

Children are now mandated to attend school via technology at home. We understand every student needs internet access, however safety must be prioritized. We strongly recommend the State of California encourage families to set up and use wired internet connections. We also ask that you not allow 5G, or any wireless infrastructure to be deployed in schools during these “shelter in place” orders, or at any time hereafter. 5G uses millimeter waves and peer-reviewed published science shows millimeter waves penetrate the skin and affect human health.¹⁰

- The National Toxicology Program published a 30 million dollar study which is one of the largest and most comprehensive studies on cell phone radiation and cancer. This study found “clear evidence” of cancer and DNA breakage from exposure to cell phone frequencies.¹¹
- The BioInitiative Report, updated in 2012, 2014 and 2017, prepared by 29 authors from ten countries, references more than 3,800 peer-reviewed published studies and recommends stricter biologically based standards and lower RFR exposure limits.¹²
- The International Agency for Research on Cancer at the World Health Organization classifies wireless as a 2B (possible) carcinogen.¹³

⁵ Dr. Ron Kostoff <https://smartech.gatech.edu/handle/1853/62452> View/Open access paper pp.653-655 studies on immune system effects

⁶ “The best scientific evidence we have is that exposure to electrosmog (non-ionizing radiation from power frequencies to microwaves) impairs the immune system.” Magda Havas, PhD https://magdahavas.com/corona-virus-and-5g-is-there-a-connection/?fbclid=IwAR2jP9lmDii50lppXbOJNXV_55FD-1Pzfx-38HdBzMr13SORwPsts1oqqz0

⁷ Joel Moskowitz, PhD Research on Wireless Radiation Exposure to the Immune System <https://www.saferemr.com/2020/03/wireless-radiation-effects-on-immune-system.html>

⁸ Evidence For Effects On The Immune System by Olle Johansson PhD https://bioinitiative.org/wp-content/uploads/pdfs/sec08_2007_Evidence_%20Effects_%20Immune_System.pdf

⁹ Evidence for Effects on the Immune System Supplement 2012 Prof. Yury Grigoriev, MD https://bioinitiative.org/wp-content/uploads/pdfs/sec08_2012_Evidence_%20Effects_%20Immune_System.pdf

¹⁰ State of knowledge on biological effects at 40–60 GHz <https://goo.gl/gbBKHL>

¹¹ NTP cell phone study <http://ntp.niehs.nih.gov/results/areas/cellphones/index.html>

¹² Bioinitiative Report conclusions <https://bioinitiative.org/conclusions/>

¹³ IARC/WHO <https://goo.gl/BrkpG8>

- International independent scientists are calling for immediate measures to reduce RFR. Peer reviewed, published science shows RFR poses serious health and safety risks and children are more vulnerable. 224 scientists have signed the International EMF Scientist Appeal. ¹⁴
- The FCC has not updated its wireless exposure guidelines since 1996. The federal government has taken sole responsibility for the radiation safety of personal wireless service deployment,¹⁵ despite this, no federal agency is acting responsibly, or taking accountability for protecting the public and the environment from the health effects of radiation exposure.

We know that considering the power of the Telecom industry, leading on this issue takes courage. We believe you have that kind of courage. California parents, and parents across the country, will remember that Governor Newsom put the safety of our children before corporate profits. Thank you for your time and dedication.

Respectfully submitted on March 25, 2020:

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¹⁴ EMF Scientist appeal <https://www.emfscientist.org/index.php/emf-scientist-appeal>

¹⁵ 47 U.S.C. § 332(c)(7); 47 C.F.R. 1.1307(b) and 1.1310 overheating of human tissues by RF radiation.