

LEGISLATOR DRAFT REQUEST

2019 Session

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PROBLEM: Harmful WiFi radiation in Schools

- In 2018, a peer reviewed study by independent scientists confirmed that cellphone radiation causes cancer. It was the biggest study that the United States government has had to date on cellphone radiation. This was a study by the U.S. National Toxicology Program (NTP), that's part of the National Institutes of Health. The study was commissioned by the U.S. Food and Drug Administration. Those independent scientists concluded that there was, quote, "clear evidence," unquote, "clear evidence" that cellphone radiation causes cancer and changes DNA. ⁽¹⁾
- The use of wireless digital technology has grown rapidly over the past two decades. ⁽²⁾
- Children in schools are exposed to radio frequency microwave radiation from wireless routers, laptops, tablets, smart boards, cell and cordless phones for up to 7 hours each day. Scientists and health researchers studying the effects of chronic microwave exposure on animal tissue have confirmed a wide range of health effects of virtually all bodily systems from exposure to high frequency microwave radiation in the 2500-5000 GHz range. ⁽³⁾
- There is a comprehensive body of thousands of scientific studies dating back over 60 years that confirms the danger of exposure to frequencies emitted from all wireless devices. That evidence — even evidence compiled in Oregon — has largely been ignored. ⁽⁴⁾
- Letters by hundreds of medical doctors and public health experts have written to warn of wireless Health risks in schools. ⁽²²⁾
- In 2011 the World Health Organization classified microwave radiation from all wireless devices, a Class 2B possible carcinogen in the same category with lead, chloroform, and diesel exhaust fumes, and other hazardous substances. ⁽⁵⁾
- Many teachers and students are unable to function in classrooms because of microwave sickness (also referred to as electromagnetic hypersensitivity – EHS). There is no curriculum to provide students, teachers, school staff, and parents with details about manufacturers' safety information and ways to use screen devices such as tablets, laptop computers, cell phones and wireless routers safely. ⁽⁶⁾ [\(7\)](#) [\(8\)](#) ⁽¹⁹⁾
- Federal Communications Commission (FCC) states there is no national safe level of exposure for microwave radiation. The Environmental Protection Agency (EPA), the Food and Drug Administration, and CDC - The National Institute for Occupational

Safety and Health (NIOSH) have denounced the FCC exposure saying that they don't protect against chronic long term exposure. (9) (10) (11)

- Technology industries have been successful in convincing the public that WiFi radiation from the wireless devices they market is safe when there is overwhelming evidence to dispute those claims. (12) (13)
- The United States has not kept pace with other countries across the globe that have taken steps to protect students from WiFi radiation in schools including France, Belgium, Spain, Canada, Australia, Italy, Finland, Israel, Cyprus, and others. (14)
- Technology device manufacturers are not required to label products or warn customers about the dangers of WiFi radiation when marketing their products. Although devices do come with information for safe usage, manufacturers bury warnings deep within their manuals. Even salespersons are often unaware that safety information exists. (15) (16) (17)
- The reproductive organs of both boys and girls are harmed if cell phones and laptops are not used and carried safely. (18)
- Insurance companies including Lloyd's of London, a company renown for taking risks, will not insure school districts for damages caused by smartphones, WiFi, smart meters, and cell phone towers by excluding ALL wireless radiation hazards. School boards are ignoring the science and pleas from parents to eliminate harmful WiFi in schools. (20) (21)
- Oregon does not have a state agency to create policy, regulate WiFi radiation, or educate the public about safety concerns.

Citations

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