

Important Health Authority References Relating to EMFs

- **Health Canada** is the federal public health authority in Canada. Health Canada finds that “the vast majority of scientific research to date does not support a link between ELF magnetic field exposure and human cancers.” [http://healthy Canad ians.gc.ca/healthy-living-vie-saine/environnement/home-maison/emf-cem-eng.php](http://healthy Canadians.gc.ca/healthy-living-vie-saine/environnement/home-maison/emf-cem-eng.php)
- **Health Canada** “also does not consider that any precautionary measures are needed regarding daily exposures to EMFs at ELF s.” <http://healthy Canad ians.gc.ca/healthy-living-vie-saine/environnement/home-maison/emf-cem-eng.php>
- There have been hundreds of studies on EMF over the past 25 years. The **World Health Organization (WHO)** has reviewed this research and concludes that “scientific knowledge in this area is now more extensive than for most chemicals.” <http://www.who.int/peh-emf/about/WhatisEMF/en/index1.html>
- Based on this large body of scientific research, the **WHO** finds that “Despite extensive research, to date there is no evidence to conclude that exposure to low level electromagnetic fields is harmful to human health.” <http://www.who.int/peh-emf/about/WhatisEMF/en/index1.html>
- The **WHO** endorses the science-based EMF public exposure limits developed by the international expert group ICNIRP (international Commission on Non-ionizing Radiation Protection). www.icnirp.org/
- The **U.S. National Cancer Institute (US NCI)** is one of the National Institutes of Health and is a leading public health research authority on the causes, development, prevention and treatment of cancer.
- The **US NCI** has reviewed the scientific research on EMF and cancer. Some conclusions:
 - “No mechanism by which ELF-EMFs ... could cause cancer has been identified. Unlike high-energy (ionizing) radiation, EMFs in the non-ionizing part of the electromagnetic spectrum cannot damage DNA or cells directly.”
 - “No consistent evidence for an association between any source of non-ionizing EMF and cancer has been found.”
 - “Studies of animals have not provided any indications that exposure to ELF-EMF is associated with cancer.” <http://www.cancer.gov/cancertopics/causes-prevention/risk/radiation/magnetic-fields-fact-sheet>
- **ARPANSA** is Australia’s national authority on radiation safety issues. ARPANSA concludes that “The scientific evidence does not establish that exposure to ELF EMF found around the home, the office or near power lines and other electrical sources is a hazard to human health.” http://www.arpansa.gov.au/RadiationProtection/Factsheets/is_electricity.cfm