

**Australia  
needs a  
mandatory  
minimum  
distance  
between telco  
antennas and  
our children.**

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**What the media  
won't tell you  
about phone  
towers and  
your children.**

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## What you need to know.

- Small cell antennas (4G, soon to be 5G) can be installed anywhere without council permission or approval.
- Only adjoining properties need to be notified of the installation.
- There is no legal minimum distance an antenna should be installed from homes, schools, hospitals etc.
- EME Reports are calculated by software simulation and not actually measured.
- Our Protection Standard is based on guidelines established in 1998. It is 1000 times higher than many other countries and doesn't account for non-thermal biological effects, which occur at very low levels and are far more hazardous to children.

## Why are we risking it?

- Large scale scientific studies have shown evidence of increased numbers of cancer cases for people living less than 500m from the antenna base stations.<sup>(1),(2)</sup>
- The latest studies on cell phone use and brain cancer risks, indicate that RF microwave radiation is proven carcinogenic to humans and should now be classified as a "Group 1 carcinogen" along with tobacco smoke and asbestos.<sup>(3)</sup>
- Children absorb more microwave radiation than adults.<sup>(4)</sup>

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### Thousands of peer-reviewed scientific studies demonstrate harm to human health from RF radiofrequency / microwave radiation.<sup>(5)</sup>

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Effects include;

- Alteration of heart rhythm;
- Altered gene expression;
- Altered metabolism;
- Altered stem cell development;
- Cancers;
- Cardiovascular disease;
- Cognitive impairment;
- DNA damage;
- Impacts on general well-being;
- Increased free radicals;
- Learning and memory deficits;
- Impaired sperm function and quality;
- Miscarriage;
- Neurological damage;
- Obesity and diabetes;
- Oxidative stress;
- Effects in children include autism, attention deficit hyperactivity disorder (ADHD) and asthma.

The list goes on

## Economic growth at all costs.

We are faced with a situation similar to the 'Big Tobacco' disinformation campaigns. The truth about wireless radiation is trivialised by powerful enterprises that are heavily invested in the technology.

Why do governments allow these billion dollar industries to self regulate and publicise deceptive, outdated and false information in the media?

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### "Neutralising the safety issue has opened the door to the biggest prize of all: the Internet of Things."

Excerpt from: The inconvenient truth about cancer and mobile phones. Mark Hertsgaard and Mark Dowie, The Guardian. 15th July 2018.

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## Need more information?

If you'd like to learn more, visit [www.telcosafekids.com](http://www.telcosafekids.com) for links, resources, research and downloads.

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All references available [www.telcosafekids.com](http://www.telcosafekids.com)

(1) Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil

(2) Increased Incidence of Cancer Near a Cell Phone Transmitter Station. R Wolf, D Wolf - International Journal of Cancer, 2004.

(3) Evaluation of Mobile Phone and Cordless Phone Use and Glioma Risk Using the Bradford Hill Viewpoints from 1965 on Association or Causation. Carlberg M, Hardell L.

(4) Why children absorb more microwave radiation than adults: The consequences, L. Lloyd Morgan, Santosh Kesari, Devra Lee Davis.

(5) <https://bioinitiative.org>