



Problems with 5G

Part 1: Health Effects

Part 2: Environmental Effects

[Including [specific links to sources](#)]

Part 1: Health Effects

How much do you think public exposure to **Microwave Radiation (RF)** has increased since the **1940's**? **100** times? **1,000** times? Actually, according to NASA's data, it's increased more than **1,000,000,000,000,000,000** (10^{18}) times – a **million million million** fold.

During that time scientific studies have provided clear evidence that levels of **RF** - **much, much less** than what **smart phones** emit – cause harmful effects in animals, ranging from free radical damage to cancer, including neurological damage and leaking of the blood brain barrier.

Recent research has also shown that **as data rates increase** and as **RF wavelengths shorten** - as both do with **5G** - **harmful biological effects also increase**. Because of the **absence** of any **precautionary human safety testing** for **5G**, the general population has become unwitting guinea pigs.

Does any epidemiological evidence indicate for example, **that humans already suffer from the same harmful neurological damage** from **RF** that animals do?

Yes. In children, unprecedented worldwide increases in Autism, and **in adults**, of Early-Onset Dementia. According to a **2020 Blue Cross Blue Shield** report, in the **4 years** between 2013 and 2017, **Early-Onset Dementia and Alzheimer's Disease** combined diagnosis rates **TRIPLED** for adults aged 30 to 64. <https://www.bcbs.com/the-health-of-america/reports/early-onset-dementia-alzheimers-disease-affecting-younger-american-adults>

For more information with links to sources, check out:
https://www.academia.edu/44019191/Argument_Against_5G_For_FCC_Docket_No_20_52

Part 2: Environmental Effects

In **2019** *New Scientist* reported on a subject ignored by mainstream media - the increasing impact that digital technologies have on the carbon footprint, at that time **4%** of human greenhouse gas emissions.

5G not only greatly increases harmful human exposure to **RF**, it adversely affects **CLIMATE CHANGE**. In 2019, the *Shift Project* projected that the environmental impact of digital technologies would double by 2025 - up to **8%**, **2,400 million tons of CO₂**.

Given the radical increase in use of digital technologies because of pandemic restrictions, this doubling may have already occurred. And **the higher the data rate** - as with **5G** - the greater the environmental cost. In fact, *New Scientist* quoted Professor Chris Preist, who in essence recommended the opposite of **5G**:

*"For individuals, upgrading our devices less often, owning less devices **and not demanding mobile high-quality internet connection everywhere** are probably the most important actions we can take."*

5G's environmental impact doesn't seem limited to climate change. Not only will humans become exposed for the first time to **higher frequency microwaves**, so will every land-based species on Earth. And **5G** also **doubles down** on **RF** frequencies already in use. Insects, such as bees, flies, and ants, already harmed by environmental RF, because of their small size have far greater vulnerability to 5G frequencies. And even without **5G**, insect populations worldwide have drastically declined.

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Electromagnetic Hypersensitivity (EHS) and

World Health Organization:

A. International Classification of Diseases (ICD-10)

B. International Classification of Functioning, Disability and Health (ICF)

A. International Classification of Diseases (ICD-10):

ICD-10 codes for Electromagnetic Hypersensitivity require two or more codes.

(The term "Electromagnetic Hypersensitivity (EHS)" is not usually used at present.)

Instead EHS should be classified under: (1) cause (W90) and (2) effects (various):

(1) ICD-10 W90: Exposure to other nonionizing radiation

- W90: for illness/injury resulting from exposure to radio-frequency radiation.
<http://apps.who.int/classifications/icd10/browse/2010/en#/W90>

(2) Other ICD-10 codes for the illnesses/injuries caused by the exposure to EMF radiation

e.g.:

- ICD-10 G43 for migraine:
<http://apps.who.int/classifications/icd10/browse/2010/en#/G43>
- ICD-10 R42 for dizziness and giddiness:
<http://apps.who.int/classifications/icd10/browse/2010/en#/R42>
- ICD-10 H93.1 for tinnitus:
<http://apps.who.int/classifications/icd10/browse/2010/en#/H93.1>

B. International Classification of Functioning, Disability and Health (ICF):

ICF CHECKLIST - Version 2.1a, Clinician Form

<http://www.who.int/classifications/icf/icfchecklist.pdf?ua=1>

for disability benefits, ill-health pensions etc.

You must state your disability **in the presence of EMF radiation**, e.g.:

- "my vision is so badly affected that it would be unsafe for me to take charge of a group of 8yr olds whilst on a school trip in a busy city",
- "my thoughts become so jammed in the presence of EMF Wifi in the hospital that it would be unsafe for me to administer drugs to my patients in hospital"

Further details:

PART 2: ACTIVITY LIMITATIONS & PARTICIPATION RESTRICTION

- **Activity** is the execution of a task or action by an individual. **Participation** is involvement in a life situation.
- **Activity limitations** are difficulties an individual may have in executing activities. **Participation restrictions** are problems an individual may have in involvement in life situations.

The **Performance qualifier** indicates the **extent of Participation restriction** by describing the person's **actual performance** of a task or action **in his or her current environment**. Because the current environment brings in the societal context, performance can also be understood as "involvement in a life situation" or "the lived experience" of people in the actual context in which they live. This context includes the environmental factors – all aspects of the physical, social and attitudinal world that can be coded using the Environmental. The Performance qualifier measures the difficulty the respondent experiences in **doing things, assuming that they want to do them**.

The **Capacity qualifier** indicates the **extent of Activity limitation** by describing the **person's ability** to execute a task or an action. The Capacity qualifier focuses on limitations that are inherent or intrinsic features of the person themselves. These limitations should be direct manifestations of the respondent's health state, **without the assistance**. By assistance we mean the help of another person, or assistance provided by an adapted or specially designed tool or vehicle, or any form of environmental modification to a room, home, workplace etc.. The level of capacity should be judged relative to that normally expected of the person, or the person's capacity before they acquired their health condition.

PART 3: ENVIRONMENTAL FACTORS

- **Environmental factors** make up the physical, social and attitudinal environment in which people live and conduct their lives.

Qualifier in environment, Barriers or facilitator: 0 No barriers

1 Mild barriers

2 Moderate barriers

3 Severe barriers

4 Complete barriers

0 No facilitator

+1 Mild facilitator

+2 Moderate facilitator

+3 Substantial facilitator

+4 Complete facilitator

