

A ROADMAP TO

FIGHTING 5G IN YOUR COMMUNITY



ARM YOURSELF WITH FACTS

The macrocell and small cell towers that make up Fifth Generation Wireless Networks (5G) emit pulsed radiofrequency (RF) radiation that is harmful to **human health** and the **environment**. Learn how to protect your community from 5G.

Macrocell Towers

Macrocell towers are large base stations between 50 and 200 feet tall and are easy to spot along highways and in neighborhoods. They transmit and receive RF signals, providing cellular coverage for miles.

Small Cells

Small cells are miniature base stations often located near homes and schools, on light poles and atop buildings. Since they use higher frequency RF radiation known as millimeter waves, they are installed more densely, roughly every 250 meters.

Get Informed

Get familiar with your local zoning ordinances, and sign up with your local planning department to be notified when wireless carriers apply for permits.



Educate Others

Share **our resources** including flyers, social media graphics and action alerts.

Take Action

Mobilize community members to write thousands of emails, tweets, and letters to local leaders demanding legal protection.

Get Involved

Join a **CHD chapter and safe technology group** near you to participate in the local fight against 5G.



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WHAT PROTECTIONS TO DEMAND

Make sure that the 10 protections below are implemented by your local officials.



1. Aesthetics

Demand that your local officials preserve the aesthetics and character of your community by insisting that small cells are an eyesore and devalue your property.

2. Restricted Zones

Demand a minimum setback distance of 1640 feet from restricted zones like residential areas, neighborhoods, schools and daycares.

3. Fire Safety

Demand that your local ordinance conforms to all building, electrical and fire codes since cell towers pose a fire risk. This includes complying with setback requirements in residential and densely populated areas.

4. Fall Zones

Demand that a professional civil or structural engineer licensed in your state designates an appropriate fall zone to protect people from falling debris.

5. Preferred Areas

Demand that your local government creates preferred areas for cell tower installations. Wireless carriers must then provide convincing evidence to justify installations proposed outside of those areas.

6. Fiber First

Demand wired infrastructure that will give everyone equal access to high-speed internet connectivity

7. Notifications

Demand that residents within 1,000 feet be notified prior to installation.

8. Testing

Demand that RF radiation emissions be tested by an independent contractor after the installation of a new tower.

9. Insurance

Demand a removal bond and pollution insurance that covers RF radiation damages.

10. Protect Trees

Demand environmental protections that require cell towers to be set back from established trees.

LEARN MORE

Together, let's fight back against the wireless takeover in our communities. Visit our [Frequently Asked Questions](https://childrenshd.org/emr-faqs) page for more information: childrenshd.org/emr-faqs