

5G & CELL TOWERS

EUROPE

- Resolutions to halt 5G in numerous European cities including Trafford, UK, Lille, France, Ormidia, Cyprus, Councils in Ireland and more.

SWITZERLAND

- Parliament refused to weaken radio frequency radiation (RFR) limits after 5G Report.

FRANCE

- 60 mayors/officials petition to halt 5G.
- Federal health agency investigating 5G
- 5G antenna RFR measured.

CANADA

- City of Toronto "Prudent Avoidance Policy" for Cell Towers.

BULGARIA

- Mezdra and Balchik have banned 5G.

NETHERLANDS

- Health Council recommends against 26 GHz for 5G due to lack of safety data.

ITALY

- 600 municipalities have passed resolution to halt 5G.

ISRAEL

- Cell tower setback 100m from schools/ homes.

RUSSIA

- No cell towers near schools.

UNITED STATES

- Resolutions to halt 5G passed in Hawaii County HI, Farragut TN, Keene NH & Easton CT.
- Numerous cities restrict cell antennas near homes including: Los Altos, Petaluma, Mill Valley, Malibu and San Diego County CA, Bedford NH and more.
- New Hampshire 5G Commission's 15 Recommendations include increasing transparency, reduce public exposure, research health effects and protect wildlife and trees.
- Oregon investigating health effects of wireless.
- Los Angeles CA Public Schools: RFR Limit 10,000x less than FCC.
- Palo Alto, Los Angeles LA Schools Greenbelt MD, Bar Harbor ME; No school cell towers



CYPRUS

- Cyprus National Committee on Environment and Child Health 5G Position Paper calls for 5G free zones.

AUSTRALIA

- New South Wales Dept. of Education policy objects to towers on/near schools.

LITHUANIA

- Cell antennas prohibited on kindergartens and hospitals.

CHILE

- Cell antennas prohibited in "sensitive areas" -kindergartens, hospitals and nursing homes.

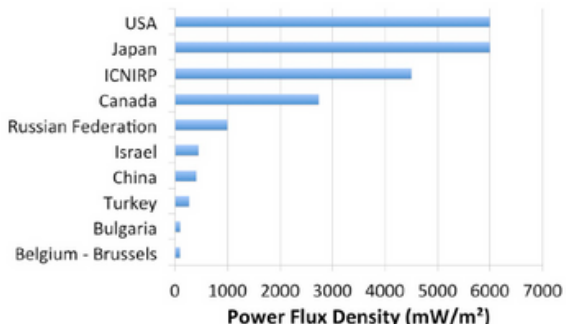
INDIA

- RFR limit tightened to 1/10 of CNIRP limits after Inter-Ministerial Report on impacts to wildlife.
- Mumbai, Zilla Parishad & Karnataka: Cell towers prohibited/removed near schools, colleges, orphanages and old age homes.
- Brihanmumbai Municipal: Cell towers banned at parks and playgrounds.
- State of Rajasthan: Supreme Court of India upheld removal of "hazardous to life" cell towers from vicinity of schools, hospitals/playgrounds.

BANGLADESH

- No cell towers on homes, schools, colleges, playing fields, populated areas and heritage areas.

Numerous Countries Have Cell Tower Network RFR Exposure Limits Far More Stringent Than ICNIRP/FCC (USA):



RFR power flux density exposure limits at 900 MHz (Clegg 2020)

- China
- Russia
- Italy
- India
- Israel
- Chile
- Switzerland
- Brussels, Belgium
- Belarus
- Serbia
- Slovenia
- Montenegro
- Bulgaria
- Turkey
- Greece
- India
- Liechtenstein
- Tajikistan
- Kazakhstan
- Uzbekistan
- Kyrgyzstan

These Governments Measure & Publish RFR Levels Online

- France
- Spain
- Austria
- Greece
- Turkey
- India
- Israel
- Gibraltar
- Brussels Belgium
- Switzerland
- Bulgaria
- Tunisia
- Malta
- Brazil
- Bahrain
- Monaco
- French Polynesia



HAWAII

- **Hawai'i County Council HI** passed a Resolution to halt 5G

NEW HAMPSHIRE

- **Keene NH Resolution** to halt 5G
- **Bedford NH** 750 ft. setback

MASSACHUSETTS

- **Randolph MA** 500 ft setback. Yearly RFR measurements.
- **Lunenburg and Great Barrington MA** 500 ft setback
- **Stockbridge MA** prohibits a tower from being built 1000 feet from a school, park or athletic field and 600 ft from residence.

CALIFORNIA

Numerous CA cities restrict cell antennas near homes with setbacks and strict ordinances including: **Los Altos, Petaluma, Mill Valley, Malibu, Santa Barbara, Nevada City, Suisin, Calabasas, San Clemente, Westlake, Sonoma, Sebastopol, San Rafael, Ross Valley, Encinitas, Fairfax, Palo Alto, Walnut City** and **San Diego County**.

As an example of CA ordinances, the **Los Altos City ordinance**:

- prohibits installation of small cells on public utility easements in residential neighborhoods
- 500 foot setbacks for small cells for multi-family residences in commercial districts
- 500 ft separation from schools
- 1500 ft separation between nodes

San Diego County, California

- "SCWs shall not be located within 1,000 feet of schools, child care centers, hospitals, or churches."

INDIANA

Carmel City IN Council resolution asks state lawmakers, FCC and Congress to limit 5G until health effects fully understood.

[Links to ordinances at ehtrust.org](https://ehtrust.org)

WISCONSIN

- **Greendale WI** passed Resolution R2018-20 referring to the FCC's actions stripping local authority as "an unprecedented attack on local control."

New York

- **Copake NY**: Pre/post testing by RF engineer. No repeater closer than 200 ft to dwelling. No tower closer than 1500 ft to residence/church.

MAINE

- **Bar Harbor ME** 1,500 ft setback - cell towers near schools/daycare .

ILLINOIS

- **Oak Brook IL** Resolution 2020-ITGL-R-1891 calls for local control re small cels.



OHIO

- **Mason OH** Zoning Ordinance No small cells in residential areas or within 100 feet of residential prop; 2000 feet apart (unless colocated); equipment should be underground or wholly contained.

OKLAHOMA

- **Sallisaw OK** 1,500 feet setback

TENNESSEE

- **Farragut City** Resolution to halt 5G

CONNECTICUT

- **Easton CN City Council** passed a 5G cease and desist resolution
- **Warren, Connecticut** Policy defines "adequate coverage" and "adequate capacity." and was designed "to locate towers and/or antennas in a manner which protects property values, as well as the general safety, health, welfare and quality of life of the citizens." Coverage is considered to be "adequate" within that area surrounding a Base Station where the predicted or measured median field strength of the transmitted signal is such that the majority of the time, transceivers properly installed and operated will be able to communicate with the base station.

NEW JERSEY

- **Little Silver, NJ** Carriers should provide notice to property owners within 500 feet of proposed facility.
- **City of Jersey City, NJ** Resolution 20-362 calls for local controls re small cells.

FLORIDA

- **Coconut Creek FL** Commission adopted a Resolution on 5G and radiofrequency radiation.
- **Hallandale Beach FL** Resolution urges the federal government to initiate independent health studies on 5G.
- **Lavallette FL** Resolution 2021-58: Applicant shall obtain certification from the Federal Aviation Administration and the United States Dept. of Defense demonstrating that the installation does not emit RF frequencies which may interfere with avionics of any approaching civil or military aircraft." The City also requires the applicant to provide RF meters used by their technicians and train City employees. Verizon cannot install more than a total of 20 "small cell" nodes throughout the Borough to support 5G.