

www.jerseymastconcern.co.uk

We are asking whilst there are still serious concerns over the health implications of mobile masts, that States of Jersey proceed with a precautionary approach to putting up further masts. We have three weeks to make the States of Jersey seriously take notice and put Islanders health before profit.

Each telecoms company provided with a license to operate a mobile network in Jersey is required to provide Island coverage. Jersey Telecoms has over 100 antenna to provide coverage at the moment. Some of these are placed on masts (mobile phone masts). We have 3 operators in Jersey so you can expect this to be more like 300 antenna/masts in the near future. In addition new services require an upgrade to 3G masts which are fiercer than many of the masts we have on the Island at the moment. Mast sharing has been provided as a solution by States members however in terms of electromagnetic radiation emissions, this will have no benefit.

Dr Blackwell an expert in the field of mobile masts, when asked "What the health implications are likely to be to our Island from over 200 masts?" he advised. "I don't think it's possible to say pretty definitively now that the potential health implications for Jersey are: Significantly **increased incidence of cancer** over the next few years (all types); significant increase in incidence of **brain degenerative disorders** such as **Alzheimers** and (particularly) **Motor Neurone Disease**; widespread incidence of **sleep disorders** and disrupted diurnal (daily) rhythms, leading to a significant degradation in quality of life for substantial numbers of Jersey residents; **increased incidence of epilepsy** and increased incidence of fitting by known epileptics - both particularly in respect of children; significantly increased incidence of **hyperactivity among children** of all ages through to teenagers, and an **increased level of non-specific distress (crying, obvious discomfort, sleep problems) for numbers of babies**; **significant incidence of hearing disorders** - hearing hums, clicks, buzzes, that aren't actually there, tinnitus - all of these severe for some sufferers; **low-level infections that last on for months** and just won't clear up - throat infections, colds etc; very serious discomfort/pain for a small percentage of the population (typically 3% to 5%, rising over time) who are particularly electrosensitive, often totally debilitating; various other disorders caused by disruption of intercellular signaling in the body; **significant detrimental effects on wildlife**, cattle, birds - I'd expect the bird population to decrease significantly over a period. There may well be other effects, but this gives a pretty clear picture."

Our politicians have sighted the emissions from a TV, radio or microwave in our homes being far higher than mobile antenna. However this is not a comparison, the Freiburg Appeal highlights 'pulsed' microwaves as the root cause of the problem - this does not apply to radio & TV. Electromagnetic radiation from mobile antenna (masts) is constant and we cannot switch them off.

The ICNIRP guidelines used to manage mobile mast emissions are also irrelevant to the actual problem as they are based on thermal effects not biological. They were put in place in 1998 and have not been updated.

If you would like a petition form or join the Jersey Mobile Mast Concern Group please log onto www.jerseymastconcern.co.uk

Thank you for taking time to read this information, if you are concerned please sign the petition.

Summary of Published Epidemiological Studies near Base-stations

Study	Exposure	N° people	End-point	Finding
Santini (2003)	GSM	565	Well-being vs. distance	Decreases Worse at 60+ yrs
Navarro	GSM	54 at <250m, 47 at > 250m	<i>ditto</i>	Worse at < 250m
Zwamborn (2003)	GSM-like UMTS	2 groups of 24 Blind exposed (LAB study)	Cognition/ Well-being	Decreased

Eger(2004)	GSM	1000 over a 10 yr period	Cancer	3-fold increase at < 400m, 8 years
Wolf(2004)	GSM-like	622 at<350m, 1222 elsewhere 1 year exposure	Cancer	4-fold increase in incidence at<350m <i>cf</i> general population

Awaiting publication:

a) Hutter *et al* - Mobile Telephone Base-stations: effects on health and well-being. *Occup & Environmental Medicine*.

b) Oberfeld *et al*. The Microwave Syndrome - Further Aspects of a Spanish Study. *Environmental Epidemiology*.

Both of these studies identify a non-psychosomatic increase in **cardiovascular** problems.