

Cancer near powerful government antennas in Massachusetts

Massachusetts has two powerful government antennas, the PAVE PAWS early warning **radar** on Cape Cod and a Loran C radar on Nantucket Island. In March 2009, the US Air Force released a supplemental environmental impact statement which gives PAVE PAWS a clean bill of health. **Residents on the cape were especially concerned about a cluster of a rare bone tumor called Ewing's sarcoma.** Having followed the PAVE PAWS story since its inception. I'd be very surprised if there were no detrimental health effects due to this antenna. There are a lot of animal and human data suggesting that radio frequency radiation is carcinogenic. Looking at available cancer incidence data for Mass. counties and towns makes me even more suspicious about these antennas.

The National Cancer Institute state cancer profiles website: <http://statecancerprofiles.cancer.gov/incidencerates/index.php> shows that for the 14 Mass. counties 2001-2004, all races and both sexes, Barnstable (PAVE PAWS) and Nantucket (LORAN) counties have very high cancer incidence rates for total cancers and selected cancers. Nantucket and Barnstable rank 1 and 2 of the 14 Mass. counties for total cancers. Nantucket county ranks first of the 14 counties for all cancers, **female breast cancer, colon/rectal cancer and prostate cancer.** Being a small population county, data was not available for many uncommon cancers. Barnstable county ranked second of the 14 Mass. counties for all cancers, first for **leukemia** and **urinary bladder cancer**, second for **brain cancer, malignant melanoma of skin.** and prostate cancer, and third for female breast cancer.

The excellent Mass. Cancer registry city and town series: http://www.mass.gov/?pageID=eohhs2terminal&L=7&L0=Home&L1=Consumer&L2=Physical+Health+and+Treatment&L3=Diseases+%26+Conditions&L4=Cancer+and+Benign+Brain+Tumors&L5=Data+and+Statistics&L6=City+and+Town+Series&sid=Eeohhs2&b=terminalcontent&f=dph_cancer_c_registry_city_report_01_05&csid=Eeohhs2 allows closer look at the towns around PAVE PAWS, and at Nantucket Island which is also a town as well as a county for the years 2001-2005. The three towns around PAVE PAWS, Barnstable, Sandwich and Bourne each have a significant elevation of total cancers, Barnstable has a significant excess of malignant melanoma, **pancreas** and prostate **cancer**, and Sandwich has a significant elevation of malignant melanoma, leukemia, prostate, and urinary bladder cancers. Nantucket Island has significant elevations of total cancers, malignant melanoma, female breast and colon/rectal cancer and prostate cancer.

Months ago, I suggested to the Mass. State Health Dept that they spot map these cancers by address at diagnosis to see if they congregate around the antennas. I have had no response.

It's ironic that that Air Force and others have spent millions and many years chasing after 14 Ewings sarcoma cases, when a general cancer epidemic has been staring them in the face.

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