

**STATE ENVIRONMENTAL HEALTH INDICATORS COLLABORATIVE (SEHIC)
CLIMATE CHANGE INDICATORS**

Indicator: CC5: Environmental/ecological changes

Measure(s): CC5.1: Prevalence of West Nile virus in Mosquitoes

CC5.2: Prevalence of West Nile virus in sentinel species

MEASURE DESCRIPTION

CC5.1: Prevalence of West Nile virus in Mosquitoes	
Last updated:	August 17, 2008
Measurement units:	Number and rate per 100,000 population
Geographic scale:	Statewide
Time scale:	Annual, 1999-2005
Significance/background:	
Rationale:	
Limitations:	Annual counts for many states are too small for producing stable rate calculations. Other options for presenting rates are to combine years or states (for example, by region).
Data resources:	ArboNET/USGS Disease Maps: http://diseasemaps.usgs.gov/
Data limitations:	
Related data:	
Related SEHIC measures:	
Related indicators (from other projects):	
Recommendations:	

CC5.2: Prevalence of West Nile virus in sentinel species	
Last updated:	August 17, 2008
Measurement units:	Number and rate per 100,000 population
Geographic scale:	Statewide
Time scale:	Annual, 1999-2005
Significance/background:	
Rationale:	
Limitations:	Annual counts for many states are too small for producing stable rate calculations. Other options for presenting rates are to combine years or states (for example, by region).
Data resources:	ArboNET/USGS Disease Maps: http://diseasemaps.usgs.gov/
Data limitations:	
Related data:	

Related SEHIC measures:	
Related indicators (from other projects):	
Recommendations:	

HOW-TO GUIDE: CC5.1 and CC5.2: Annual cases of West Nile Virus in Mosquitos (5.1) and sentinel species (5.2)

1. Go to the USGS Disease Maps website: <http://diseasemaps.usgs.gov/>
2. At the top of the map, select **State** for the **Select By** options and click your state on the map (or from the menu at the right of the map) and click **Go** at the bottom right corner of the map.
3. From this first screen, select West Nile virus.
4. On the next screen, above the map, click on Mosquito.
5. Next, select your state from the drop-down box in the upper right corner above the map.
6. The next screen shows the counts by county in your state for 2006. Scroll down under the map to a table that shows the counts by county.
7. For cases in sentinel species, repeat the steps above and click on sentinel species in step #4.