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Subject PRO/AH/EDR> West Nile virus update 2002 - USA (32)

WEST NILE VIRUS UPDATE 2002 - USA (32)

A ProMED-mail post
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In these updates:

- [1] Humans, sentinel chickens (Florida)
- [2] WHO Report (as of 26 Nov 2002)
- [3] APHIS-USDA report (1 Jan to 20 Nov 2002)
- [4] MMWR-ArboNET report (21 Nov to 26 Nov 2002)

[1]
Date: Sat 23 Nov 2002
From: Pablo Nart <p.nart@virgin.net>
Source: Sun Sentinel, Sat 23 Nov 2002 [edited]
<<http://www.sun-sentinel.com/news/local/broward/sfl-crnxnile23nov23,0,3949>>

Florida: West Nile Virus Lingers in Palm Beach County

Cool weather has cut into mosquito populations across Palm Beach County, but those [mosquitoes] that remain still carry West Nile virus, county health officials said on Fri 22 Nov 2002. New tests showed that 2 chickens in "sentinel" flocks kept by the county came back positive for the virus, meaning they were bitten by infected mosquitoes, the county health department said. Last week 2 men living west of West Palm Beach came down with the virus, in the county's first human cases of the year.

For the first time, one of the infected chickens was in a flock in Boca Raton, confirming what officials have said all along, that the virus is present everywhere and not just in the rural areas toward Lake Okeechobee. The second affected chicken was in Belle Glade. "These findings prove there are still mosquitoes in our area that are carrying this virus," said Dr. Jean Malecki, director of the department. "It is very important that individuals take precautions to avoid mosquito bites." Health officials urge people to stay indoors during peak mosquito activity, at dusk and dawn.

[Byline: Bob LaMendola]

[2]
Date: Wed 27 Nov 2002
From: Marianne Hopp <mjhopp12@yahoo.com>
Subject: World Health Organisation (WHO), Disease Outbreaks Report, Wed 27 Nov 2002 [edited]

<<http://www.who.int/disease-outbreak-news/n2002/november/27november2002.html>>
>

West Nile Virus in the United States - WHO Update 10

As of Tue 26 Nov 2002, the WHO Collaborating Centre for Arthropod Borne Viruses - Western Hemisphere, at the Centers for Disease Control and Prevention (CDC) has reported 3737 human cases of West Nile virus infection, with 214 deaths occurring in 39 states and the District of Columbia. During 2002, West Nile virus activity (evidence of infections in birds, humans, mosquitoes, and other animals, primarily horses) has been documented in 43 states and the District of Columbia (see previous report:

<<http://www.who.int/disease-outbreak-news/n2002/november/14november2002.html>>.

For more information about this outbreak see the CDC web site:

- States reporting confirmed West Nile virus infection in birds, mosquitoes, animals, or humans between 1 Jan - 26 Nov 2002:

<<http://www.cdc.gov/ncidod/dvbid/westnile/surv&control.htm>>

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Marianne Hopp

<mjhopp12@yahoo.com>

[3]

Date: 27 Nov 2002

From: ProMED-mail <promed@promedmail.org>

Source: United States Department of Agriculture, Animal and Plant Inspection Service, Update on the Current Status of West Nile Virus, as of Wed 20 Nov 2002 [edited]

<<http://www.aphis.usda.gov/lpa/issues/wnv/wnvstats.html>>

Equine Cases of West Nile Virus Illness in 2002: 1 Jan to 20 Nov 2002

The total number of equine cases of illness caused by West Nile virus (WNV) confirmed at the USDA's National Veterinary Services Laboratories (NVSL) or reported by state officials so far this year is 14 045. That is an increase of 468 cases from 8 days ago.

The cases are from 40 states: Alabama (88), Arkansas (146), Colorado (378), Connecticut (3), Delaware (8), Florida (353), Georgia (89), Idaho (1), Illinois (1056), Indiana (688), Iowa (1039), Kansas (673), Kentucky (507), Louisiana (358), Maryland (17), Massachusetts (2), Michigan (342), Minnesota (969), Mississippi (288), Missouri (914), Montana (134), Nebraska (1,099), New Jersey (47), New Mexico (61), New York (32), North Carolina (19), North Dakota (569), Ohio (647), Oklahoma (954), Pennsylvania (90), South Carolina (7), South Dakota (672), Tennessee (141), Texas (1377), Vermont (5), Virginia (45), Washington (1), West Virginia (3), Wisconsin (127), and Wyoming (96).

[4]

Date: Thu 28 Nov 2002

From: ProMED-mail <promed@promedmail.org>

Source: Morbidity and Mortality Weekly, West Nile Virus Activity, Fri 29 Nov 2002, 51(47);1072-1073 [edited]

<<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5147a4.htm>>

West Nile Virus Activity; United States, Thu 21 Nov to Tue 26 Nov 2002

This report summarizes West Nile virus (WNV) surveillance data reported to CDC through ArboNET and by states and other jurisdictions as of Tue 26 Nov 2002.

During the period 21 to 26 Nov 2002, a total of 39 laboratory-positive human cases of WNV-associated illness were reported from Michigan (n=19), Illinois (n=15), Wisconsin (n=3), Florida (n=one), Maryland (n=one), Minnesota (n=one), and New York (n=one).

During the same period, WNV infections were reported in 103 dead crows and 215 other dead birds. A total of 328 veterinary cases and 12 WNV-positive mosquito pools were reported.

During 2002, a total of 3737 human cases with laboratory evidence of recent WNV infection have been reported from Illinois (n=776), Michigan (n=523), Ohio (n=419), Louisiana (n=323), Indiana (n=284), Mississippi (n=182), Missouri (n=169), Texas (n=165), Nebraska (n=124), New York (n=79), Kentucky (n=67), Pennsylvania (n=59), Tennessee (n=55), Iowa (n=48), Alabama (n=46), Minnesota (n=46), Wisconsin (n=45), South Dakota (n=37), Georgia (n=35), the District of Columbia (n=34), Maryland (n=30), Virginia (n=27), Arkansas (n=25), Florida (n=23), Massachusetts (n=23), Connecticut (n=17), North Dakota (n=17), Oklahoma (n=16), Colorado (n=12), New Jersey (n=12), Kansas (n=9), North Carolina (n=2), California (n=one), Delaware (n=one), Montana (n=one), Rhode Island (n=one), South Carolina (n=one), Vermont (n=one), West Virginia (n=one), and Wyoming (n=one).

Among the 3378 patients for whom data were available, the median age was 55 years (range: 1.5 months to 99 years); 1802 (54 percent) were male, and the dates of illness onset ranged from 10 Jun to 4 Nov 2002. A total of 201 human deaths have been reported. The median age of decedents was 78 years (range: 24 to 99 years); 121 (60 percent) deaths were among men.

In addition during 2002, 7715 dead crows and 6275 other dead birds with WNV infection were reported from 42 states and the District of Columbia; 9051 WNV infections in mammals (9038 equines, 3 canines, and 10 other species) have been reported from 38 states (Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Vermont, Virginia, Washington, Wisconsin, and Wyoming).

During 2002, WNV seroconversions have been reported in 366 sentinel chicken flocks from Florida, Iowa, Nebraska, North Carolina, Pennsylvania, Texas, and New York City; 4943 WNV-positive mosquito pools have been reported from 28 states (Alabama, Arkansas, Connecticut, Delaware, Georgia, Illinois, Indiana, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Mississippi, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Vermont, and Virginia), New York City, and the District of Columbia.

Additional information about WNV activity is available from CDC at <http://www.cdc.gov/ncidod/dvbid/westnile/index.htm> and http://www.cindi.usgs.gov/hazard/event/west_nile/west_nile.html.

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[see also:
West Nile virus - USA 2001: final report [20020613.4491](http://www.cdc.gov/ncidod/dvbid/westnile/index.htm)

West Nile virus, predicted spread in 2002 - USA [20020109.3206](#)
West Nile virus update 2002 - USA (01) [20020506.4109](#)
West Nile virus update 2002 - USA (18): human [20020901.5212](#)
West Nile virus update 2002 - USA (19): non-human [20020901.5213](#)
West Nile virus update 2002 - USA (31) [20021121.5861](#)
2001

West Nile virus surveillance - USA 2000 final report [20010423.0792](#)
West Nile virus surveillance - USA [20010129.0207](#)
West Nile virus surveillance 2001 - USA (34) [20011130.2914](#)
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