



Arbovirus Surveillance Report



City of Chicago
Rahm Emanuel, Mayor

Environmental Health

Department of Public Health
Bechara Choucair, MD, Commissioner

West Nile Virus

August 19, 2013

Surveillance

This is the eleventh week of mosquito surveillance. Mosquitoes were collected from a total of 72 gravid traps on two consecutive days.

Mosquitoes:

| | |
|---|-------|
| Week 33 (08/11/2013 – 08/17/2013) | |
| Total Collections (Number of Traps X Frequency of Collection) | 144 |
| Number of Female <i>Culex</i> Trapped and Tested | 1946 |
| Number of Pools Tested | 157 |
| Number of Pools Positive | 20 |
| Number of Community Areas with Positive Mosquitoes Pools | 14 |
| Cumulative Totals | |
| Total Collections (Number of Traps X Frequency of Collection) | 1586 |
| Number of Female <i>Culex</i> Trapped and Tested | 25481 |
| Number of Pools Tested | 1596 |
| Number of Pools Positive | 101 |
| Number of Community Areas with Positive Mosquitoes Pools | 32 |

Community Areas (Cumulative): BEVERLY, WASHINGTON HEIGHTS, IRVING PARK, EDGWATER, MOUNT GREENWOOD, GREATER GRAND CROSSING, FOREST GLEN, PORTAGE PARK, BELMONT CRAGIN, EAST GARFIELD PARK, NEAR WEST SIDE, SOUTH DEERING, ASHBURN, AUSTIN, NEW CITY, O'HARE, LINCOLN PARK, SOUTH SHORE, AVONDALE, RIVERDALE, LAKE VIEW, CHATHAM, DUNNING, NORTH PARK, GAGE PARK, CHICAGO LAWN, CLEARING, NORWOOD PARK, EDISON PARK, LINCOLN SQUARE, NORTH LAWNSDALE AND WEST LAWN.

Dead birds: One dead bird – a crow collected 08/05/2013 – tested positive.

Humans: No human cases reported.

Risk Assessment

Although the number of female *Culex* mosquitoes trapped and tested as well as the number of positive pools dropped ~ 40% from week 32, with 20 positive pools, the risk of West Nile virus infection continues

Chicago Department of Public Health

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to remain elevated. Risk is especially high in portions of the community areas of Avalon Park, Burnside, Chatham, East and West Garfield Park, Humboldt Park, Pullman and Roseland.

Larval and Adult Mosquito Control Efforts

During week 33 adulticiding occurred in sections of the community areas of Austin, Belmont Cragin, Dunning, Montclare and Portage Park.