



IMVCA SMALL BITES – Fall 2014

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Chikungunya reports on ProMed with an update on cases imported to USA:

The number of chikungunya cases reported in the Western hemisphere increased by some 70,000 cases from last week, according to data released by the Pan American Health Organization (PAHO) today [29 Aug 2014].

The total suspected and confirmed cases near 660,000 up from nearly 590,000 last Friday [22 Aug 2014]. About 59,000 additional cases were reported from the Dominican Republic, which now tallies at 429,000 cases. In Central America, El Salvador's chikungunya case count increased by 3,000 cases, bringing that country's total to more than 8,000.

Imported Cases to USA as of 26 Aug 2014 from ArboNET:

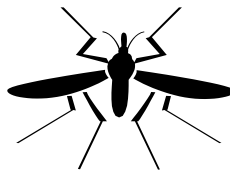

Alabama 1 case	Georgia 10 cases	Minnesota 17 cases	Oregon 4 case
Arizona 5 cases	Hawaii 1 case	Mississippi 6 cases	Pennsylvania 24 cases
Arkansas 3 cases	Idaho 1 case	Missouri 5 cases	Rhode Island 18 cases
California 24 cases	Illinois 2 cases	Nebraska 4 cases	South Carolina 11 cases
Colorado 2 cases	Indiana 15 cases	Nevada 1 case	South Dakota 1 case
Connecticut 17 cases	Kansas 4 cases	New Hampshire 6 cases	Tennessee 25 cases
Delaware 1 case	Kentucky 18 cases	New Jersey 62 cases	Texas 12 cases
District of Columbia 2 cases	Louisiana 10 cases	New Mexico 1 case	Virginia 18 cases
Florida 139 cases imported, 6 locally acquired	Maine 3 cases	New York 108 cases	Washington 4 cases
	Maryland 17 cases	North Carolina 18 cases	West Virginia 1 case
	Massachusetts 26 cases	Ohio 19 cases	Wisconsin 7 cases
	Michigan 10 cases	Oklahoma 7 cases	

Annual Meeting Pre-Registration Form

*****Due October 24, 2014*****

IMVCA 60th ANNUAL MEETING

Springfield, Illinois
 Hilton Springfield
 700 East Adams, Springfield, Illinois
 Phone for Reservations: 217-789-1530
November 20th and 21st, 2014
Thursday and Friday

	Mail with check to: IMVCA / Rich Lampman 702 N. Abbey Road Urbana, IL 61802-2333 Phone: 217-621-8502	
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Registration covers admittance to talks on Nov 20th and 21st, banquet, hospitality hour, and all other activities provided.

QUANTITY	TYPE	PRE-REGISTRATION (On or Before October 24, 2014)
	REGULAR Registration	\$60.00 member , \$80.00 nonmember
	Late Membership for 2014	\$20.00
	Spouse	\$25.00
	Student	\$20.00
	Student Competition Participant	Complimentary
	Exhibitor Table	\$50.00/per table
	Workshop Lunch 11/20	Complimentary

TOTAL REGISTRATION PAID: \$ _____ (Check # _____ / _____ Cash)

NAME BADGE TO READ: (Please print or type)

Delegate Name:	
Employer/Affiliation:	

-OR-

Student Name:	
School Affiliation:	

-OR-

Spouse Name:	
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MAILING ADDRESS: (Please print or type)

Name:			
Organization:			
Address:			
City, State Zip:			
Phone:	()	Email:	
Fax:	()		
New Member?	___ Yes ___ No		



**CALL FOR PAPERS
ILLINOIS MOSQUITO & VECTOR CONTROL ASSOCIATION
2014 ANNUAL MEETING, NOVEMBER 20th & 21st
HILTON SPRINGFIELD
SPRINGFIELD, ILLINOIS**

DEADLINE: Requests must be received by October 1. Those received after this date cannot be guaranteed a place in the program.

RETURN FORM TO: Robert Berry
North Shore Mosquito Abatement District
rberry@nsmad.com

TITLE OF PRESENTATION: (15 WORDS OR LESS)

ABSTRACT: We would like to share abstracts or papers on The Illinois Mosquito & Vector Control Association website unless the author indicates otherwise. If sending by mail, please submit a printed copy of the abstract along with this completed form. You may also submit the abstract in a Microsoft Word document or PowerPoint presentation as an e-mail attachment to the following address: rberry@nsmad.com . Authors will be notified by October 30th whether their abstract has been accepted for presentation.

NAME (S) OF AUTHORS: _____

PERSON PRESENTING: _____

INSTITUTION ADDRESS: _____

TELEPHONE NUMBER: _____

TYPE OF PRESENTATION:

() oral 10 min. () oral 15 min. () oral 20 min.

EQUIPMENT: A laptop computer and projector will be provided. Additional equipment required by the presenter must be arranged for in advance of the conference and a rental charge may be assessed.

OTHER EQUIPMENT NEEDED: _____

ADDITIONAL INFO: All presenters must become members of IMVCA and register for the Annual Meeting. Please make sure you complete these documents and send them to our Secretary / Treasurer as quickly as possible.

For more info: visit the IMVCA website at www.imvca.org



Tentative list of Invited Speakers for the Annual Meeting of the IMVCA

Mike Szyska, AMCA North Central Regional Director, “American Mosquito Control Association Update”

Linn Haramis, Illinois Department of Public Health, “The Mosquito Paradox” and other Vector Control Issues for 2014

Brian Price, Indiana State Department of Health, “Arbovirus Surveillance Report for Indiana”

John-Paul Mutebi, CDC, “A National Review of Mosquito-Borne Arbovirus Activity in 2014”

Nancy Westcott, Illinois State Water Survey, “Climatic Variation in West Nile Virus Incidence”

Brian Allan, Department of Entomology, “Ticks and Tick Borne Diseases”

Marilyn O’Hara Ruiz, Alan Bold, University of Illinois, “Prediction of Mosquito Infection in Real Time in DuPage County: Progress and Challenges”

Ephantus Muturi, Illinois Natural History Survey

First Vaccine for Dengue Fever Shows Promise in 2nd Big Trial

An experimental vaccine against dengue fever being developed by Sanofi proved about 60 percent effective in its second large clinical trial. The results could clear the way for the introduction of the world’s first inoculation against the disease [New York Times, 3 Sept. 2014]. Sanofi, a French drug company, said on Wednesday that use of the vaccine cut the risk of getting dengue by 60.8 percent in the trial, which involved 20,875 children ages 9 to 16 from several countries in Latin America and the Caribbean [New York Times, 3 Sept. 2014].

To read more about the research that contributed to this effort, visit the following web link http://www.nytimes.com/2014/09/04/business/experimental-vaccine-shows-promise-against-dengue-fever.html?emc=eta1&_r=0

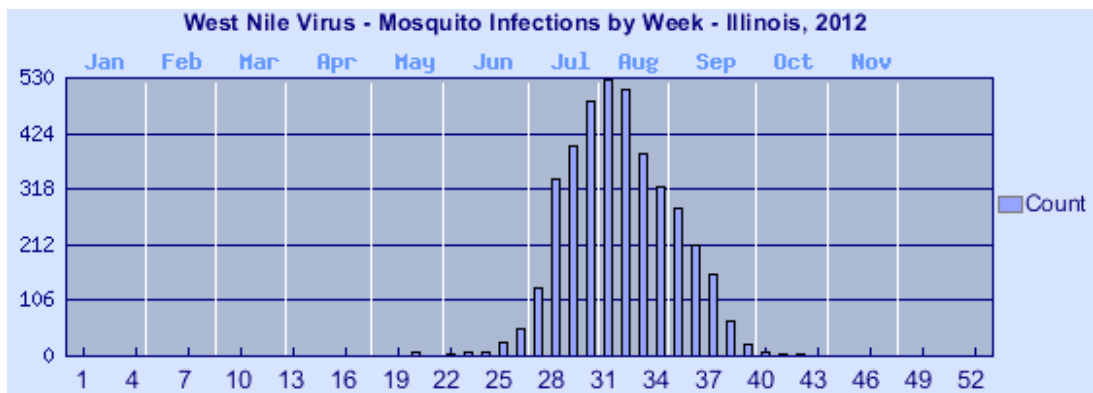
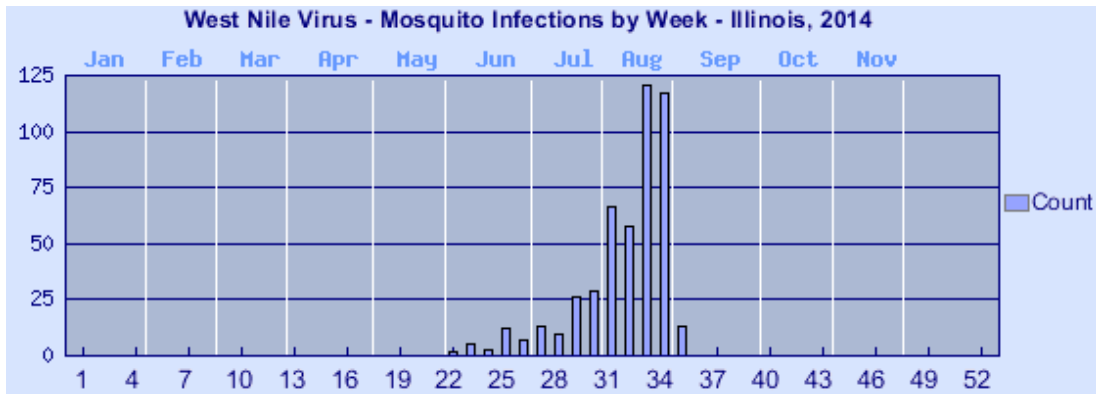
West Nile Virus Activity to Date in Illinois and the United States

As of the beginning of September, West Nile activity in Illinois has some activity in 40 counties. This includes 23 counties with positive mosquitoes, 7 with positive birds, five had both positive mosquitoes and birds and one county had positive birds, mosquitoes and a human case.

For the WNV activity in the U.S., 44 states have had some activity. Thirty eight states have found positive mosquitoes, 31 have reported human cases, and 20 have had a horse positive also 16 have reported positive birds. A total of 399 human cases have been reported by CDC.



West Nile Virus in 2014 and 2012: Mosquito-Transmission Shows Impact of Cooler and Wetter Weather Conditions in Early 2014. There is a later shift in peak positive mosquito pools. This was similar to a previous year.



In 2008 with 20 human cases, the mosquito pools were shifted to later due to early cool and wet conditions in many areas.

