

New Jersey's Surveillance System: A Partnership That Works – Robert Kent (NJ DEP)

- a) Legislative mandate for mosquito control in NJ since 1902
 - i) State Mosquito Commission
 - ii) 6 public members
 - iii) 3 cabinet members
 - iv) Director, NJAES
 - v) A BUDGET!
- b) Partners
 - i) Rutgers University – NJ Ag Experiment Station (NJAES)
 - (1) Parent agency
 - (2) Historical surveillance
 - (3) Service contracts with state mosquito control commission
 - (a) Vector surveillance
 - (b) State-wide adult mosquito surveillance
 - ii) 21 county agencies (21 counties)
 - (1) Control at county level
 - (2) Collect 70-80% of tested specimens
 - iii) NJ EPD
 - iv) NJ Dept of Ag
 - v) Military
 - (1) Army
 - (2) Air Force
 - (3) Navy
 - vi) State Health Dept
 - (1) Memorandum of agreement for testing (Public Health Lab)
 - (2) Arbovirus surveillance network database
 - (3) WNV multi-agency working group
 - vii) Changes to State protocols
 - (1) State surveillance is light trap only
 - (2) Expanded protocols
 - (a) Increased trapping of suspect adults
 - (b) Increased reporting
 - (c) Increased testing
 - (3) It takes money
 - (4) It takes partners
 - viii) Response
 - (1) Bought surveillance equipment for every county
 - (2) Bought every county equipment for processing mosquitoes
 - (3) Provided a courier to bring samples to state lab
 - (4) Agreement with State Public Health Lab for dedicated testing of mosquito pools
 - (5) Data posted online
 - (a) Collection data entered
 - (b) GIS component
 - (c) Results entered
 - (6) RAMP testing –
 - (a) Quick local response
 - (b) All but 2 counties are equipped with a complete RAMP system
 - (c) RAMP group meets to maintain standard practices

ix) End result – increased communication