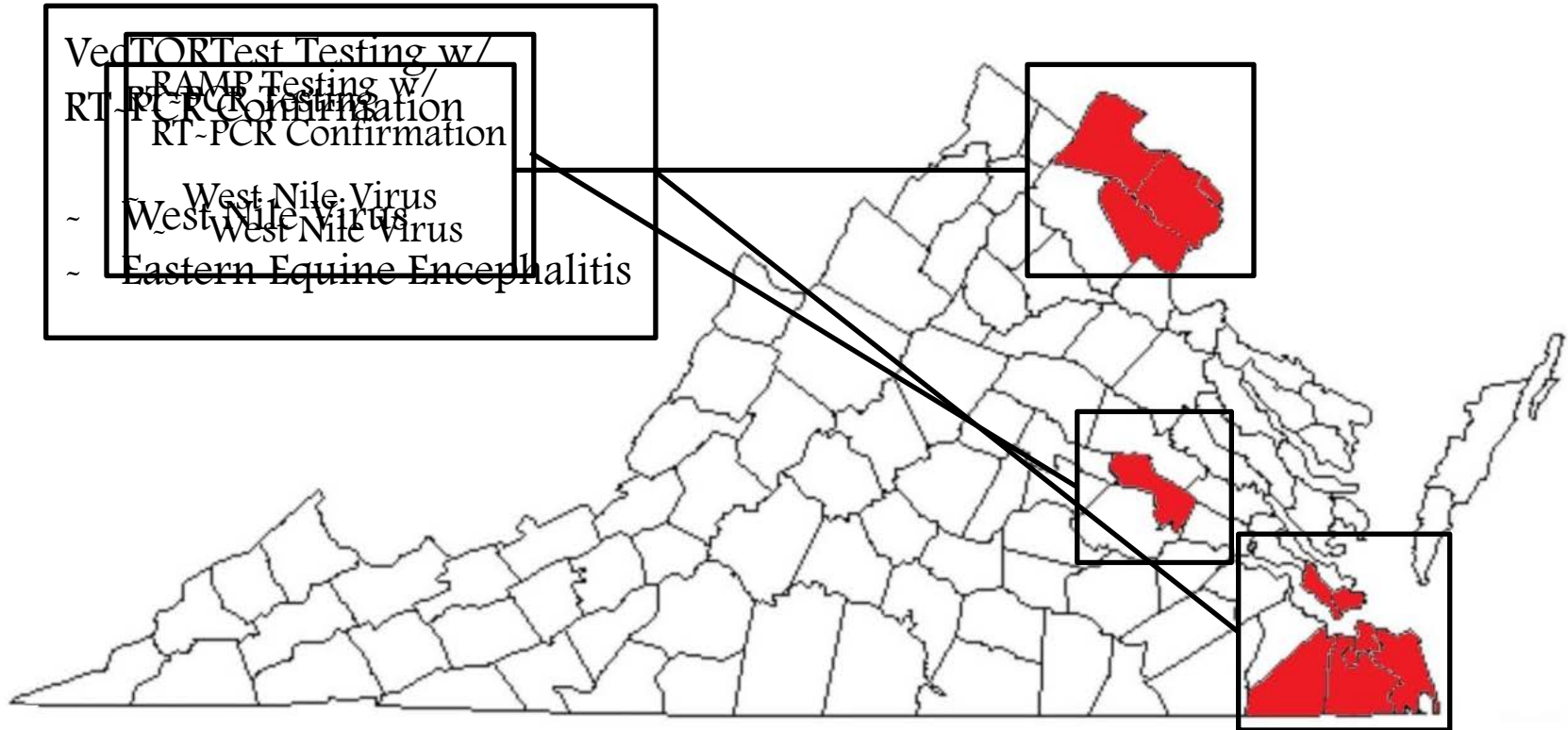


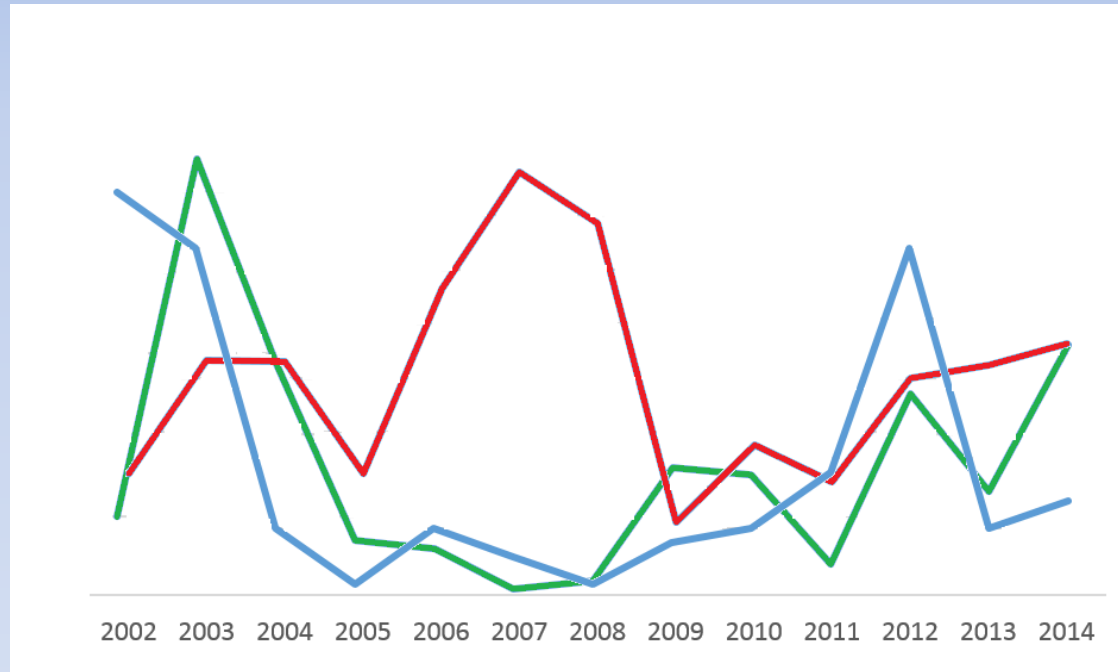


Virginia Arboviral Report 2015

Counties/Cities with Surveillance & Testing

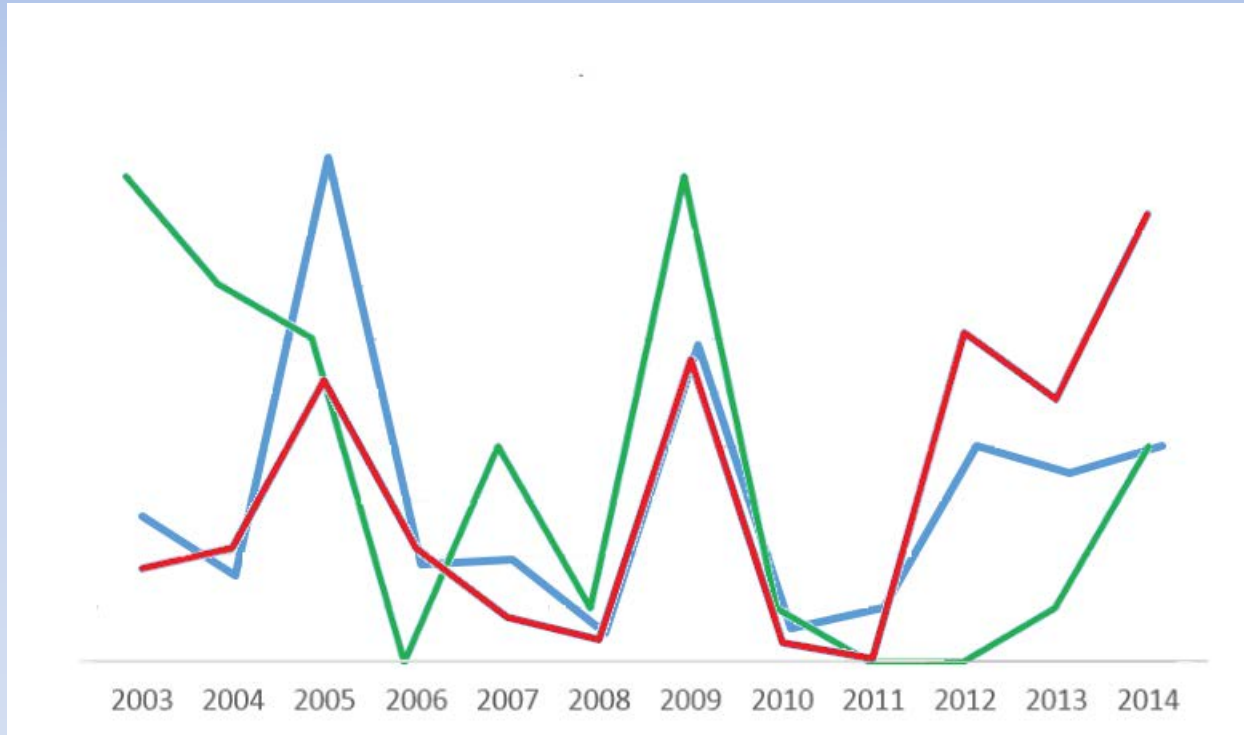


West Nile Virus in Virginia



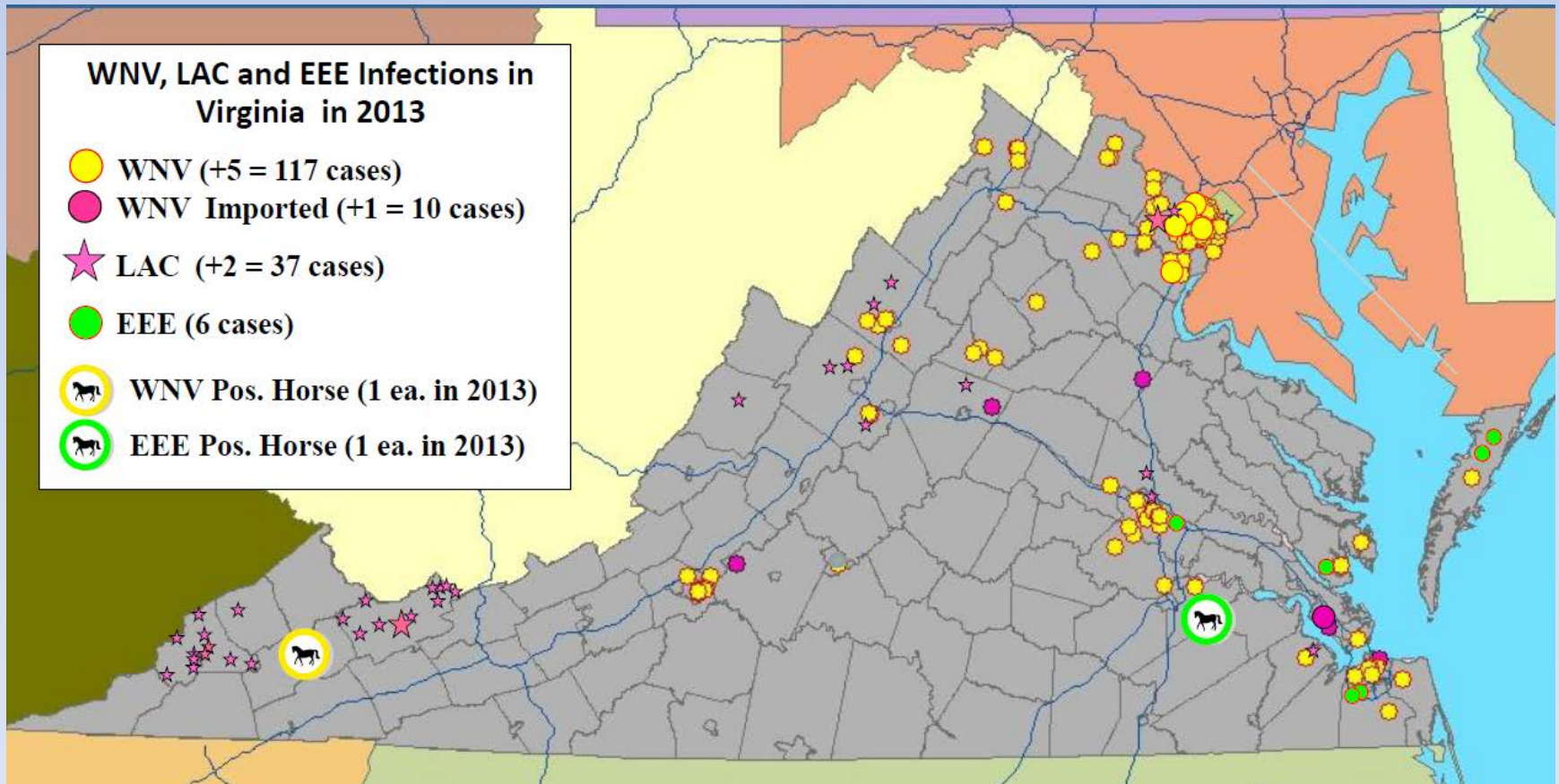
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Humans	29	25	5	1	5	3	1	4	5	9	25	5	7
Chickens	10	54	29	7	6	1	2	16	15	4	25	13	31
Mosquitoes	223	433	430	223	564	781	686	133	276	208	400	424	464

Eastern Equine Encephalitis in Virginia



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Equines	9	7	6	0	4	1	9	1	0	0	1	4
Chickens	27	16	94	18	19	5	59	6	10	40	35	40
Mosquitoes	43	53	131	53	20	10	141	8	1	153	122	209

Human Arboviral Cases



Mosquito-Borne Virus Human Cases

- **Human WNV Cases: Total = 7** (Alexandria -1, Arlington – 2, Richmond – 1, Norfolk – 1, Portsmouth – 1, and Virginia Beach – 1; five of the WNV cases have been neurological cases, and one was a fatality (Alexandria).
- **WNV Positive Blood Donors: Total = 1** (Spotsylvania Co.)
- **Human LAC Cases: Total = 1** (Rockingham county).
- **Imported Chikungunya Cases: Total = 51 cases, to date.** The **top five countries of Origin** are: Dominican Republic–10, El Salvador-10, Haiti-9, Puerto Rico–9, and Jamaica-3. The **top four VA counties of chikungunya patient/traveler residence** are: Fairfax Co. – 17, Prince William Co. - 5, Arlington Co. – 3, Norfolk – 3.
- **Imported Dengue Cases: Total =9 cases, to date.** The **top country of origin for dengue** is Haiti – 4. The **top three VA counties of dengue case residence:** Arlington Co. - 2, Fairfax Co. – 2, Fauquier Co. – 2.

Tick-Borne Virus Human Cases

- **Human Ehrlichiosis and Anaplasmosis Cases:**
- *Ehrlichia chaffensis* infections - 100 cases, 47 Confirmed, 53 Probable
- *Anaplasma phagocytophilum* infections – 11 cases, 5 Confirmed and 6 Probable.
- Ehrlichiosis/Anaplasmosis Unspecified – 9 cases, all Probable.

- **Human Lyme Disease Cases – 1,164 Cases, 853 Confirmed, 311 Probable.**

- **Human Spotted Fever Rickettsiosis Cases (Including Rocky Mountain Spotted Fever) – 340 cases , 4 Confirmed and 336 Probable.**

2015 VMCA Annual Meeting



Suffolk Hilton Garden Inn ~ Suffolk, VA February 4-6, 2015