

Collin County Health Care Services

West Nile Surveillance Report, Week 40 ending 10/04/13

Please be aware that numbers will change as data are updated weekly. Numbers are based on the reports summarized from the Jurisdictions (below) conducting mosquito surveillance, testing, abatement, and reporting in Collin County.

Week Ending, 2013	1/1/13 – 8/2/2013	8/9	8/16	8/23	8/30	9/6	9/13	9/20	9/27	10/4	YTD Summary
MMWR Week		32	33	34	35	36	37	38	39	40	
Total traps placed in Collin County	728	32	58	47	44	44	50	47	41	32	1123
Total Number of Pools Tested	728	32	58	47	44	44	50	47	41	32	1123
Average Number of <i>Cx. quinquefasciatus</i> per Trap of Pools for which results are known	9.8	10.6	9.8	7.0	5.7	8.6	4.6	6.7	3.5	35.8	8.36
Total Number of <i>Cx. quinquefasciatus</i> trapped ^a	7195	338	570	327	250	377	228	284	69	143	9839
Number of Positive Mosquito Pools	1 ^c	2 ^{e,g}	1 ^e	0	2 ^{e,j}	0	1 ^e	1 ⁱ	0	0	8 ^{c,e,g,i}
Number of Pools each Week for which WNV Results were reported to be Pending	21	4	11	0	5	4	10	33	32	8	132
WNV Infection Rate per 1000 <i>Cx. quinquefasciatus</i>	0.003	0.007	0.002	na	0.010	na	0.004	0.009	na	na	Na
Weekly Vector Index	0.027	0.075	0.017	na	0.059	na	0.020	0.063	na	na	Na
Identified WNV Human Cases (WNND; WNF)	0	0	2^h	0	1^h	1^k	1ⁱ	0	3^{h,i}	0	7

- a – Mosquitos other than the *Culex quinquefasciatus* (CxQ) have been omitted from this mosquito count.
- b – One mosquito pool in April 2013 was reported from a trap located in Collin County; however, the city of Richardson reports all trap data to Dallas County HHS (DCHHS) and its laboratory for reporting purposes. This jurisdiction reports all pool data to DCHHS & only positive mosquito pools in Collin County to us. Consequently, we do not have all of their trap surveillance data. See report for the City of Richardson (below).
- c – Two additional positive mosquito pools were collected on 7/16/2013 by the City of Richardson and reported to Collin County on 7/18/13.
- d – Data provided by City of Richardson to allow calculation on WNV Infection Rate per 1000 *Cx. quinquefasciatus* and for Weekly Vector Index.
- e – Plano had one (1) positive WNV mosquito pools for weeks ending 07/26/2013, 08/09/2013, 08/16/2013, 08/30/2013, and 09/13/2013.
- f – Sachse had one (1) positive WNV mosquito pool from the collection date 8/8/2013. Do not have results from Dallas County side. Consequently, no Weekly Vector Index is calculated.
- g – City of Murphy had (1) positive WNV Mosquito pool for week ending 08/09/2013.
- h - City of Plano had (4) non-neuroinvasive human cases for weeks ending 8/16/2013, 8/30/2013, and 09/27/2013.
- i – City of McKinney had (1) positive non-neuroinvasive human case for week ending 09/13/2013.
- j – City of McKinney had (2) positive pools for weeks ending 08/30/2013 & 9/20/2013.
- k – City of Wylie had (1) positive neuroinvasive human case for week ending 09/06/2013.
- l – City of Richardson had (1) positive neuroinvasive human case for week ending 09/27/2013.
- m – City of Celina had (1) positive non-neuroinvasive human case for week ending 9/27/2013.

i – McKinney had 1 st case of probable non-neuroinvasive case with prior travel for week ending 09/13/13. Reporting Summary Data by Jurisdiction	Last Report Update	Current Positive Mosquito Pools	Cumulative Number of Positive Mosquito Pools since 1/1/2013	Cumulative Number of Traps located in Collin County since 1/1/2013	Current Week's Identified Human Cases	Cumulative Human Cases since 1/1/2013
City of Allen	09/30/2013	0	0	88	0	0
City of Fairview	09/17/2013	0	0	77	0	0
City of Frisco	09/05/2013	0	0	122	0	0
City of McKinney	08/28/2013	0	2	124	0	1
City of Murphy	09/24/2013	0	1	108	0	0
City of Plano	09/30/2013	0	5	263	0	4
City of Wylie	10/02/2013	0	0	92	0	1
Collin County Unincorporated Areas	10/02/2013	0	0	249	0	1
Summary for Collin County		0	8^{c,e,g,i}	1123	0	8*

*Human Case count does not necessarily indicate jurisdiction which case was identified or an exposure to identified positive mosquito pools.

Jurisdictions reporting all pool data to DCHHS & only positive mosquito pools in Collin County to us.	Last Report Update	Current Positive Mosquito Pools	Cumulative Number of Positive Mosquito Pools (& located in Collin County) since 1/1/2013	Current Week's Human Cases	Cumulative Human Cases since 1/1/2013
Richardson	7/29/13	0	3 ^{b,c}	0	1
Sachse	8/8/13	0	1 ^f	0	0

Please note for trap locations with ZIP codes, consult with that particular city.