# Arbovirus Surveillance Summary - Louisana, 2007

Bulletin 7 CDC Week 52

#### Questions/Comments??

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### **Report Summary**

As of this report, 50 human WNV infections have been identified. There are 9 asymptomatic cases identified through screening of blood donors. Of the 40 WNV cases with symptoms, 27 are classified as WNV neuroinvasive disease (NID) cases, the most severe presentation of the disease, and 13 are classified as WNV fever cases, the WNV-related mild, febrile illness. There has been 2 WNV fatalities to date in Louisiana.

WNV fever cases make up almost 33% of all WNV infections reported in Louisiana to date in 2007.

There have been 0 cases of California group Encephalitis, most likely LaCrosse Encephalitis, 0 cases of Eastern Equine Encephalitis and 3 cases of St. Louis Encephalitis reported in 2007. These infections are not considered outbreaks since sporadic cases of these arboviruses often occur from year to year in the state.

#### Horses:

There has been 17 confirmed cases of equine WNV and 42 confirmed cases of EEE in Louisiana in 2007.

### **Sentinel Chickens:**

There has been 76 sentinel chickens confirmed with WNV and 10 confirmed with SLE in Louisiana in 2007. Sentinel chickens are used as a statewide early warning system for arboviruses. These chickens in secure cages are strategically placed and bled regularly. Serologic tests performed on the sentinel chickens provide information of current and local transmission of many arboviruses.

#### **Dead Birds:**

There has been 9/44 tested dead birds confirmed with WNV in Louisiana in 2007. Dead bird surveillance is conducted by parish or local mosquito abatement districts at their option. Dead birds are no longer collected statewide because testing of dead birds does not provide information on where and when the bird was infected or of local transmission. Dead birds can only indicate that the bird died at a particular location of an arbovirus endemic to Louisiana. Persons who encounter dead birds in Louisiana can contact their local parish health unit or mosquito control program.

### **Mosquito Pools:**

There have been over 24886 mosquito pools submitted for testing. 606 WNV positive pools have been found in 23 parishes, 101 SLE positive pools have been found in Iberia, St. Charles, Tangipahoa, EBR and WBR Parishes, and 7 EEE positive pools have been found in St. Tammany, EBR, Tangipahoa and Calcasieu.

#### Wild Birds:

There have been over 2576 wild bird blood submitted for testing. There have been 117 positives among: East Baton Rouge (97) and Jefferson Davis (20).

# **Arbovirus Summary - Louisiana, 2007**

Definitions:
WNV West Nile Virus

NID Neuroinvasive Disease

F Fever

PRE Asymptomatic Present Infections

| Total Human West Nile Virus Clinical Presentation |      |      |  |  |  |  |  |  |  |  |
|---|------|------|--|--|--|--|--|--|--|--|
|   | 2007 | 2006 |  |  |  |  |  |  |  |  |
| NID   | 27   | 91   |  |  |  |  |  |  |  |  |
| F   | 13   | 89   |  |  |  |  |  |  |  |  |
| Asymptomatic                                      | 10   | 22   |  |  |  |  |  |  |  |  |
| Positive Blood Donors                             | 10   | 23   |  |  |  |  |  |  |  |  |

| Eastern Equine Encephalitis Case |                                  |  |  |  |  |  |  |  |  |  |  |  |
|----------------------------------|----------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| CDC Week Onset                   | CDC Week Onset Parish Age Gender |  |  |  |  |  |  |  |  |  |  |  |
|                                  | 0                                |  |  |  |  |  |  |  |  |  |  |  |

|                | LaCrosse Cases |  |     |        |  |  |  |  |  |  |  |  |  |
|----------------|----------------|--|-----|--------|--|--|--|--|--|--|--|--|--|
| CDC Week Onset | Parish         |  | Age | Gender |  |  |  |  |  |  |  |  |  |
|                | 0              |  |     |        |  |  |  |  |  |  |  |  |  |

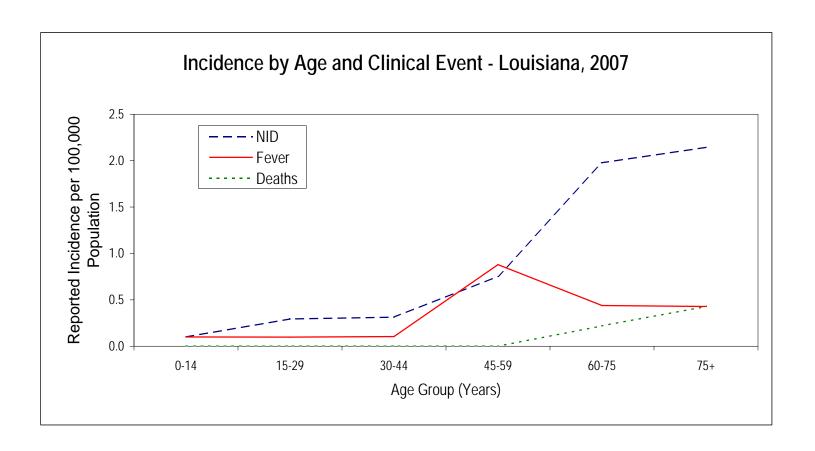
| St.            | Louis Encephalits Ca | ises |   |  |  |  |  |  |  |  |  |  |
|----------------|----------------------|------|---|--|--|--|--|--|--|--|--|--|
| CDC Week Onset | g g                  |      |   |  |  |  |  |  |  |  |  |  |
| 36             | Tangipahoa           | 2    | F |  |  |  |  |  |  |  |  |  |
| 37             | Tangipahoa           | 67   | M |  |  |  |  |  |  |  |  |  |
| 44             | Jefferson            | 57   | М |  |  |  |  |  |  |  |  |  |

|     | Total Human Arboviral Deaths |
|-----|------------------------------|
| EEE | 0                            |
| WNV | 2                            |

## WNV Human Clinical Presentation - Louisiana, 2007

| LA         | Ago Group    |           |           | Clinical Classi | fication  |           |        |
|------------|--------------|-----------|-----------|-----------------|-----------|-----------|--------|
| Population | Age Group    | NID Cases | Incidence | Fever Cases     | Incidence | PRE Cases | Deaths |
| 1,003,732  | 0-14         | 1         | 0.1       | 1               | 0.1       | 0         |        |
| 1,020,267  | 15-29        | 3         | 0.3       | 1               | 0.1       | 2         |        |
| 959,936    | 30-44        | 3         | 0.3       | 1               | 0.1       | 3         |        |
| 796,372    | 45-59        | 6         | 0.8       | 7               | 0.9       | 3         |        |
| 455,389    | 60-75        | 9         | 2.0       | 2               | 0.4       | 2         | 1      |
| 233,281    | 75+          | 5         | 2.1       | 1               | 0.4       | 0         | 1      |
|            | Undetermined |           |           |                 |           |           |        |
| 4,468,976  | Total        | 27        | 0.6       | 13              | 0.3       | 10        | 2      |

| LA Po     | opulation | Ago Group    | Neuroinvasive Disease Cases by Gender |             |        |             |  |  |  |  |  |  |
|-----------|-----------|--------------|---------------------------------------|-------------|--------|-------------|--|--|--|--|--|--|
| Males     | Females   | Age Group    | Male                                  | M Incidence | Female | F Incidence |  |  |  |  |  |  |
| 512,259   | 489,825   | 0-14         | 1                                     | 0.2         | 0      | 0.0         |  |  |  |  |  |  |
| 490,881   | 496,796   | 15-29        | 3                                     | 0.6         | 0      | 0.0         |  |  |  |  |  |  |
| 486,816   | 510,151   | 30-44        | 2                                     | 0.4         | 1      | 0.2         |  |  |  |  |  |  |
| 384,845   | 410,187   | 45-59        | 4                                     | 1.0         | 2      | 0.5         |  |  |  |  |  |  |
| 204,617   | 248,595   | 60-75        | 4                                     | 2.0         | 5      | 2.0         |  |  |  |  |  |  |
| 83,485    | 150,519   | 75+          | 1                                     | 1.2         | 4      | 2.7         |  |  |  |  |  |  |
|           |           | Undetermined |                                       |             |        |             |  |  |  |  |  |  |
| 2,162,903 | 2,306,073 | Total        | 15                                    | 0.7         | 12     | 0.5         |  |  |  |  |  |  |

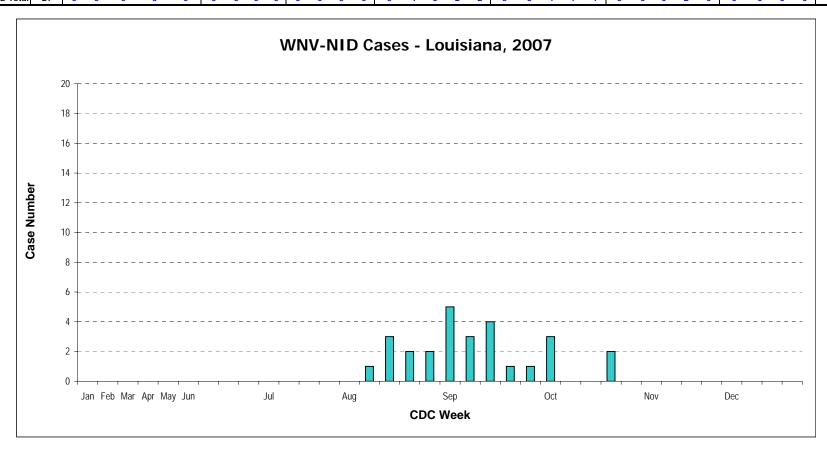


## WNV-NID Infections by Parish According to CDC Week - Louisiana, 2007

|        | CD               | C Week | 1-5 6 | -9 10- | -1314- | 17 18-21 | 22 23 24 25 | 26 27 28 29 | 30 31 32 33 34 | 35 | 36 37 38 | 39 | 40 | 41 42 4 | 3 44 | 45 46 47 | 48 | 49 50 5 | 51 52 |
|--------|------------------|--------|-------|--------|--------|----------|-------------|-------------|----------------|----|----------|----|----|---------|------|----------|----|---------|-------|
| Region |                  |        |       |        |        | r May    | Jun         | Jul         | Aug            |    | Sep      |    |    | Oct     |      | Nov      |    | Dec     |       |
| 1      | Jefferson        | 2      |       |        |        |          |             |             |                | 2  |          |    |    |         |      |          |    |         |       |
| 1      | Orleans          | 2      |       |        |        |          | 1           |             | 1              |    |          |    | 1  |         |      |          |    |         |       |
| 1      | Plaquemines      | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 1      | St Bernard       | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | Ascension        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | East Baton Rouge | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | East Feliciana   | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | Iberville        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | Pointe Coupee    | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | West Baton Rouge | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 2      | West Feliciana   | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | Assumption       | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | Lafourche        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | St Charles       | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | St James         | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | St John          | 1      |       |        |        |          |             |             |                |    | 1        |    |    |         |      |          |    |         |       |
| 3      | St Mary          | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 3      | Terrebonne       | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 4      | Acadia           | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 4      | Evangeline       | 1      |       |        |        |          |             |             |                |    |          |    |    |         | 1    |          |    |         |       |
| 4      | Iberia           | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 4      | Lafayette        | 1      |       |        |        |          |             |             | 1              |    |          |    |    |         |      |          |    |         |       |
| 4      | St Landry        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 4      | St Martin        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 4      | Vermillion       | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 5      | Allen            | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 5      | Beauregard       | 1      |       |        |        |          |             |             |                |    |          |    | 1  |         |      |          |    |         |       |
| 5      | Calcasieu        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 5      | Cameron          | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 5      | Jefferson Davis  | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 6      | Avoyelles        | 1      |       |        |        |          |             |             |                |    | 1        |    |    |         |      |          |    |         |       |
| 6      | Catahoula        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 6      | Concordia        | 1      |       |        |        |          |             |             |                |    | 1        |    |    |         |      |          |    |         |       |
| 6      | Grant            | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 6      | Lasalle          | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 6      | Rapides          | 2      |       |        |        |          |             |             |                | 1  |          |    | 1  |         |      |          |    |         |       |
| 6      | Vernon           | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 6      | Winn             | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Bienville        | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Bossier          | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Caddo            | 7      |       |        |        |          |             |             | 2              | 2  | 1 1      | 1  |    |         |      |          |    |         |       |
| 7      | Claiborne        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | DeSoto           | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Lincoln          | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Natchitoches     | 0      |       |        |        |          | 1           |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Red River        | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |
| 7      | Sabine           | 1      |       |        |        |          | 1           |             |                |    |          |    |    |         | 1    |          |    |         |       |
| 7      | Webster          | 0      |       |        |        |          |             |             |                |    |          |    |    |         |      |          |    |         |       |

## WNV-NID Infections by Parish According to CDC Week - Louisiana, 2007

|        |               | Week  | 1-5 | 6-9 1 | 0-13 | 14-17 | 18-21 | 22 | 23 24 2 | 5 2   | 26 27 | 28 | 29 | 30 | 31 3 | 2 3 | 3 34 | 35 | 36 | 37 | 38 3 | 9 4 | 0 4 | 1 42 | 43  | 44 | 45 | 46 | 47 | 48 | 49 | 50  | 51 | 52 |
|--------|---------------|-------|-----|-------|------|-------|-------|----|---------|-------|-------|----|----|----|------|-----|------|----|----|----|------|-----|-----|------|-----|----|----|----|----|----|----|-----|----|----|
| Region | Parish        | Total | Jan | Feb   | Mar  | Apr   | May   |    | Jun     |       | Jı    | اد |    |    | Aug  |     |      |    | Se | р  |      |     |     | Oct  |     |    |    | No | V  |    |    | Dec | ;  |    |
| 8      | Caldwell      | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | East Carroll  | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Franklin      | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Jackson       | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Madison       | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Morehouse     | 1     |     |       |      |       |       |    |         |       |       |    |    |    |      |     | 1    |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Ouachita      | 1     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    | 1  |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Richland      | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Tensas        | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | Union         | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 8      | West Caroll   | 1     |     |       |      |       |       |    |         |       |       |    |    |    |      |     | 1    |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 9      | Livingston    | 1     |     |       |      |       |       |    |         |       |       |    |    |    |      |     | 1    |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 9      | St Helena     | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 9      | St Tammany    | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 9      | Tangipahoa    | 1     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    | 1  |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
| 9      | Washington    | 2     |     |       |      |       |       |    |         |       |       |    |    |    |      |     | 1    |    | 1  |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
|        | Undetermined  | 0     |     |       |      |       |       |    |         |       |       |    |    |    |      |     |      |    |    |    |      |     |     |      |     |    |    |    |    |    |    |     |    |    |
|        | WNV-NID Total | 27    | 0   | 0     | 0    | 0     | 0     | 0  | 0 0     | o   c | 0 0   | 0  | 0  | 0  | 1 :  | 3   | 2 2  | 5  | 3  | 4  | 1    | 1   | 3   | 0 0  | ) 2 | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0  | 0  |



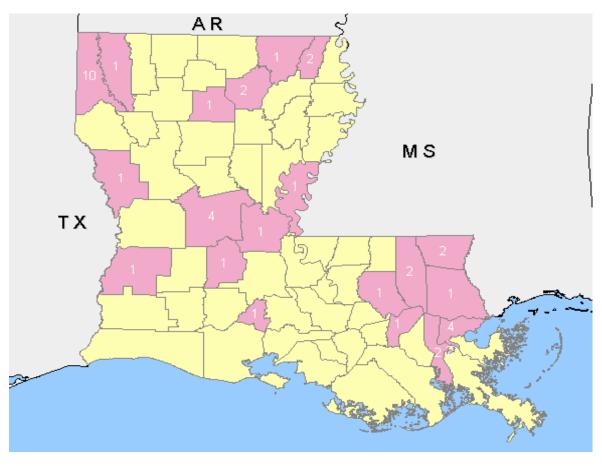
# NID by Parish - Louisiana, 2002-2007

| Region | Parish           | Population | Reported      | Infect | ions 20 | 007 | Prev  | iously F | Reporte | d NID C | ases |
|--------|------------------|------------|---------------|--------|---------|-----|-------|----------|---------|---------|------|
| Region | 1 011311         | -          | NID Incidence |        |         | PRE | 2002  | 2003     | 2004    | 2005    | 2006 |
| 1      | Jefferson        | 455,466    | 0.4           | 2      |         | 1   | 24    | 3        | 1       | 6       | 8    |
| 1      | Orleans          | 484,674    | 0.4           | 2      | 2       |     | 10    | 2        | 1       | 6       | 12   |
| 1      | Plaquemines      | 26,757     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 1      | St Bernard       | 67,229     | 0.0           |        |         |     | 0     | 0        | 0       | 1       | 0    |
| 2      | Ascension        | 76,627     | 0.0           |        |         |     | 6     | 2        | 1       | 3       | 10   |
| 2      | East Baton Rouge | 412,852    | 0.0           |        |         | 2   | 37    | 1        | 22      | 17      | 6    |
| 2      | East Feliciana   | 21,360     | 0.0           |        |         |     | 2     | 1        | 1       | 0       | 0    |
| 2      | Iberville        | 33,320     | 0.0           |        |         |     | 2     | 0        | 0       | 2       | 0    |
| 2      | Pointe Coupee    | 22,763     | 0.0           |        |         |     | 6     | 0        | 0       | 2       | 0    |
| 2      | West Baton Rouge | 21,601     | 0.0           |        |         |     | 2     | 0        | 1       | 0       | 1    |
| 2      | West Feliciana   | 15,111     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 3      | Assumption       | 23,388     | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 1    |
| 3      | Lafourche        | 89,974     | 0.0           |        |         |     | 0     | 2        | 0       | 1       | 1    |
| 3      | St Charles       | 48,072     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 3      | St James         | 21,216     | 0.0           |        |         |     | 2     | 0        | 0       | 0       | 0    |
| 3      | St John          | 43,044     | 2.3           | 1      |         |     | 2     | 0        | 0       | 0       | 0    |
| 3      | St Mary          | 53,500     | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 0    |
| 3      | Terrebonne       | 104,503    | 0.0           |        |         |     | 0     | 3        | 0       | 0       | 0    |
| 4      | Acadia           | 58,861     | 0.0           |        |         |     | 0     | 0        | 0       | 1       | 0    |
| 4      | Evangeline       | 35,434     | 2.8           | 1      |         |     | 1     | 0        | 1       | 0       | 0    |
| 4      | Iberia           | 73,266     | 0.0           |        |         |     | 2     | 1        | 0       | 4       | 0    |
| 4      | Lafayette        | 190,503    | 0.5           | 1      |         |     | 4     | 0        | 1       | 1       | 1    |
| 4      | St Landry        | 87,700     | 0.0           |        |         | 1   | 1     | 0        | 3       | 0       | 0    |
| 4      | St Martin        | 48,583     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 4      | Vermillion       | 53,807     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 1    |
| 5      | Allen            | 25,440     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 5      | Beauregard       | 32,986     | 3.0           | 1      |         | 1   | 0     | 0        | 1       | 1       | 0    |
| 5      | Calcasieu        | 183,577    | 0.0           |        |         | 2   | 8     | 1        | 3       | 2       | 5    |
| 5      | Cameron          | 9,991      | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 0    |
| 5      | Jefferson Davis  | 31,435     | 0.0           |        |         |     | 0     | 0        | 1       | 0       | 0    |
| 6      | Avoyelles        | 41,481     | 2.4           | 1      |         |     | 2     | 0        | 0       | 0       | 1    |
| 6      | Catahoula        | 10,920     | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 1    |
| 6      | Concordia        | 20,247     | 4.9           | 1      |         |     | 1     | 0        | 0       | 0       | 1    |
| 6      | Grant            | 18,698     | 0.0           |        |         |     | 1     | 0        | 0       | 0       | 0    |
| 6      | Rapides          | 126,337    | 1.6           | 2      | 2       | 1   | 14    | 2        | 8       | 7       | 7    |
|        | Lasalle          | 14,282     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 6      | Vernon           | 52,531     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 1    |
| 6      | Winn             | 16,894     | 0.0           |        |         |     | 1     | 0        | 0       | 1       | 0    |
| 7      | Bienville        | 15,752     | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 7      | Bossier          | 98,310     | 0.0           |        | 1       |     | 3     | 8        | 9       | 6       | 2    |
| 7      | Caddo            | 252,161    | 2.8           | 7      | 3       | 1   | 5     | 38       | 8       | 16      | 3    |
| 7      | Claiborne        | 16,851     | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 0    |
| 7      | DeSoto           | 25,494     | 0.0           |        |         |     | 0     | 1        | 0       | 0       | 0    |
| 7      | Natchitoches     | 39,080     | 0.0           |        |         |     | 1     | 1        | 0       | 2       | 0    |
| 7      | Red River        | 9,622      | 0.0           | _      |         |     | 0     | 0        | 0       | 0       | 0    |
| 7      | Sabine           | 23,459     | 4.3           | 1      |         | _   | 1     | 0        | 0       | 0       | 0    |
| 7      | Webster          | 41,831     | 0.0           |        |         | 1   | 0     | 0        | 1       | 0       | 1    |
| 8      | Caldwell         | 10,560     | 0.0           |        |         |     | 0     | 0        | 1       | 0       | 0    |
| 8      | East Carroll     | 9,421      | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 8      | Franklin         | 21,263     | 0.0           |        | _       |     | 0     | 0        | 1       | 1       | 0    |
| 8      | Jackson<br>      | 15,397     | 0.0           |        | 1       |     | 0     | 1        | 0       | 0       | 0    |
| 8      | Lincoln          | 42,509     | 0.0           |        |         |     | 0     | 2        | 0       | 1       | 0    |
| 8      | Madison          | 13,728     | 0.0           | _      |         |     | 0     | 0        | 1       | 0       | 0    |
| 8      | Morehouse        | 31,021     | 3.2           | 1      | _       |     | 0     | 2        | 2       | 1       | 0    |
| 8      | Ouachita         | 147,250    | 0.7           | 1      | 1       |     | 6     | 2        | 5       | 15      | 3    |
| 8      | Richland         | 20,981     | 0.0           |        |         |     | 2     | 1        | 1       | 0       | 0    |
| 8      | Tensas           | 6,618      | 0.0           |        |         |     | 0     | 0        | 0       | 0       | 0    |
| 8      | Union            | 22,803     | 0.0           |        |         |     | 1     | 1        | 1       | 0       | 0    |
| 8      | West Carroll     | 12,314     | 8.1           | 1      | 1       |     | <br>0 | 2        | 2       | 0       | 0    |

# NID by Parish - Louisiana, 2002-2007

| Region | Parish       | Population | Reported      | Infec | tions 20 | 07  |
|--------|--------------|------------|---------------|-------|----------|-----|
|        |              |            | NID Incidence | NID   | Fever    | PRE |
| 9      | Livingston   | 91,814     | 1.1           | 1     |          |     |
| 9      | St Helena    | 10,525     | 0.0           |       |          |     |
| 9      | St Tammany   | 191,268    | 0.0           |       | 1        |     |
| 9      | Tangipahoa   | 100,588    | 1.0           | 1     | 1        |     |
| 9      | Washington   | 43,926     | 4.6           | 2     |          |     |
|        | Undetermined |            |               |       |          |     |
|        | Total        | 4,468,976  | 0.6           | 27    | 13       | 10  |

| Previously Reported NID Cases |      |      |      |      |  |  |  |  |  |  |  |  |  |
|-------------------------------|------|------|------|------|--|--|--|--|--|--|--|--|--|
| 2002                          | 2003 | 2004 | 2005 | 2006 |  |  |  |  |  |  |  |  |  |
| 12                            | 5    | 6    | 11   | 1    |  |  |  |  |  |  |  |  |  |
| 0                             | 2    | 0    | 2    | 0    |  |  |  |  |  |  |  |  |  |
| 27                            | 4    | 0    | 3    | 14   |  |  |  |  |  |  |  |  |  |
| 12                            | 6    | 1    | 2    | 6    |  |  |  |  |  |  |  |  |  |
| 6                             | 2    | 0    | 3    | 4    |  |  |  |  |  |  |  |  |  |
| 0                             | 0    | 0    | 0    | 0    |  |  |  |  |  |  |  |  |  |
| 204                           | 101  | 84   | 118  | 91   |  |  |  |  |  |  |  |  |  |



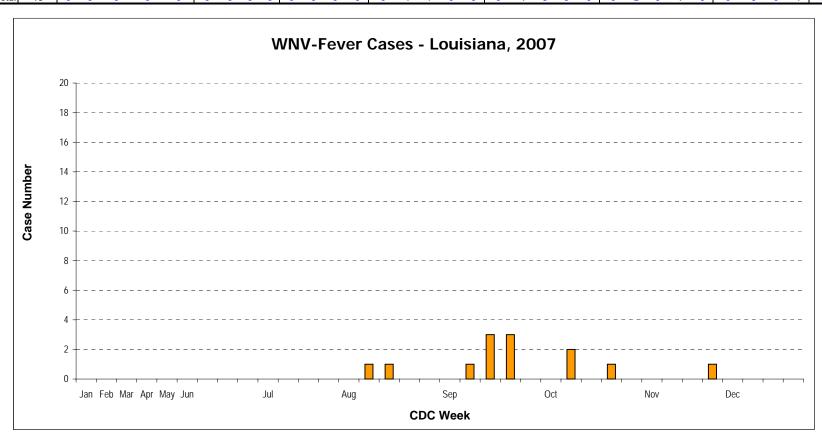
http://diseasemaps.usgs.gov/wnv\_la\_human.html

## WNV-Fever Infections by Parish According to CDC Week - Louisiana, 2007

| Region   Parish   Total   Jan Feb Mar   Apr May   Jun   Jul   Aug   Sep   Oct   Nov  |        | C                | DC Week | 1-5 6-9 10 | 0-131 | 14-17 18-2 | 21 | 22 23 24 25 | 26 | 27 28 | 29 | 30 | 31 32 | 33 34 | 35 | 36 3 | 7 38 | 39 | 40 | 41 42 | 43 44 | 45 | 46 47 48 | 49 | 50 51 5 |
|--|--------|------------------|---------|------------|-------|------------|----|-------------|----|-------|----|----|-------|-------|----|------|------|----|----|-------|-------|----|----------|----|---------|
| 1   Jefferson   0   0   1   1   1   1   1   1   1   1  | Region | Parish           | Total   | Jan Feb I  | Mar   | Apr Ma     | ıy |             |    |       |    |    | Aug   |       |    | Sep  |      |    |    |       |       |    |          |    | Dec     |
| 1   Plaquemines   0  | 1      | Jefferson        | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 1 St Bernard 0 0 2 Asconsion 0 0 2 East Feliciana 0 0 2 East Feliciana 0 0 2 Iborville 0 0 2 Printe Coupee 0 0 2 West Baton Rouge 0 0 2 West Baton Rouge 0 0 3 Assumption 0 0 3 Assumption 0 0 3 St James 0 0 4 Assumption 0 0 4 Assumption 0 0 5 Alaforche 0 0 5 St Landry 0 0 5 St Landry 0 0 5 St Landry 0 0 5 St St Landry 0 0 5 St St Landry 0 0 5 Galacsieu 0 0 6 Ganeron 0 0 7 Galacsieu 0 0 7 Galacsieu 0 0 8 Avoyelles 0 0 9 Applies 0 0 9 Applies 0 0 9 Applies 0 0 9 Applies 0 0 9 Avoyelles 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 1      | Orleans          | 2       |            |       |            |    |             |    |       |    |    |       |       |    |      | 1    |    |    | 1     |       |    |          |    |         |
| 2  | 1      | Plaquemines      | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 2 East Feliciana 0 2 Iberville 0 2 Pointe Coupee 0 2 West Baton Rouge 0 3 Assumption 0 3 Lafourche 0 3 St James 0 3 St James 0 3 St Khary 0 3 St Khary 0 4 Evangeline 0 4 Evangeline 0 4 Evangeline 0 5 Lafayste 0 5 St Marin 0 6 St Marin 0 7 St Marin 0 7 Cacasseu 0 7 Carenon 0 7 Cacasseu 0 7 Carenon 0 7 Serville 0 7 Se | 1      | St Bernard       | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 2 East Felicians 0 2 Everville 0 2 Pointe Coupse 0 2 West Staton Rouge 0 3 User Staton Rouge 0 3 Lafourche 0 3 Lafourche 0 3 St. James 0 3 St. James 0 3 St. Mary 0 4 Radia 0 4 Radia 0 5 Canerbonne 0 6 Radia 0 7 Castandy 0 7 St. James 0 8 St. James 0 8 St. James 0 9 St | 2      | Ascension        | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| Departic Coupse  | 2      | East Baton Rouge | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| Pointe Coupee   2  | 2      | East Feliciana   | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| West Baton Rouge   | 2      | Iberville        | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| West Felicians   | 2      | Pointe Coupee    | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| Assumption   0   | 2      | West Baton Rouge | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 3  | 2      | West Feliciana   | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| St James   | 3      | Assumption       | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| St John  | 3      | Lafourche        | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| St Mary  | 3      | St James         | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| St Charles   | 3      | St John          | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 3 St Charles 0 0 3 Terrebonne 0 0 4 Acadia 0 0 4 Evangeline 0 0 4 Lafayette 0 0 4 St Martin 0 0 5 Beauregard 0 0 5 Carlesiu 0 0 5 Jefferson Davis 0 0 6 Cataboula 0 0 6 Cataboula 0 0 6 Cataboula 0 0 6 Grant 0 0 6 Grant 0 0 6 Winn 0 0 7 Blenville 0 0 7 Caddo 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 3      | St Mary          | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| A   Acadia   C   Evangeline   C   C   C   C   C   C   C   C   C  |        |                  | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4   Acadia   0   0   0   0   0   0   0   0   0   | 3      | Terrebonne       | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4   Evangeline   0   0   0   0   0   0   0   0   0   |        |                  | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| A   Iberia   O   O   O   O   O   O   O   O   O   |        |                  | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4 Lafayette 0 0 4 St Landry 0 0 4 St Landry 0 0 4 4 St Landry 0 0 5 6 Martin 0 0 5 6 Malen 0 0 5 6 Malen 0 0 5 6 Malen 0 0 5 Calcasieu 0 0 5 Calcasieu 0 0 5 Jefferson Davis 0 6 Avoyelles 0 0 6 Catahoula 0 0 6 Candrol 0 0 6 Carant 0 0 6 Martin 0 0 0 6 Martin 0 0 0 6 Martin 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |        | -                | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4 St Landry 0 4 St Martin 0 5 Allen 0 5 Beauregard 0 5 Cameron 0 6 Avoyelles 0 6 Catahoula 0 6 Concordia 0 6 Lasalle 0 6 Rapides 2 7 Geron 0 7 Blenville 0 7 Bossier 1 7 Caddo 3 7 Claiborne 0 7 DeSoto 0 7 DeSoto 0 7 DeSoto 0 7 Several 1 7 Caddo 0 7 DeSoto 0 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 0 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 DeSoto 1 7 Several 1 7 Caldore 1 7 Several 1 7 Caldore 1 7 Several 1 7 S |        |                  | 0       |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4 St Martin 0 0 4 Vermillion 0 0 5 Allen 0 0 5 Allen 0 0 5 Beauregard 0 0 5 Calcasieu 0 0 5 Lafferson Davis 0 6 Avoyelles 0 6 Catahoula 0 6 Cancordia 0 0 6 Cancordia 0 0 6 Lasalle 0 0 6 Rapides 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 4         Vermillion         0           5         Allen         0           5         Beauregard         0           5         Calcasieu         0           5         Cameron         0           6         Avoyelles         0           6         Catahoula         0           6         Concordia         0           6         Grant         0           6         Lasalle         0           6         Vernon         0           6         Winn         0           7         Blenville         0           7         Caddo         3           7         Claiborne         0           7         DeSoto         0   |        | •                |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 5       Allen       0         5       Beauregard       0         5       Cacasieu       0         5       Cameron       0         5       Jefferson Davis       0         6       Avoyelles       0         6       Catahoula       0         6       Concordia       0         6       Grant       0         6       Rapides       2         6       Vernon       0         6       Winn       0         7       Bienville       0         7       Bossier       1         1       1       1         7       Caddo       3       1       1       1         7       Claiborne       0       0       0       0       0       0       0       0       0  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 5         Beauregard         0           5         Calcasieu         0           5         Cameron         0           5         Jefferson Davis         0           6         Avoyelles         0           6         Catahoula         0           6         Concordia         0           6         Crant         0           6         Lasalle         0           6         Rapides         2           6         Vernon         0           6         Winn         0           7         Bienville         0           7         Caddo         3           7         Claiborne         0           7         DeSoto         0  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 5 Calcasieu 0 5 Cameron 0 6 5 Cameron 0 7 Jefferson Davis 0 8 6 Avoyelles 0 7 Candada 0 8 7 Candada 0 8 7 Caddo 3 7 Caddo 0 7 DeSoto 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 5  |        | -                |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 5  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Avoyelles 0  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Catahoula 0 0 6 Concordia 0 0 6 Grant 0 0 6 Lasalle 0 6 Rapides 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6  |        | -                |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Grant 0 0 6 Lasalle 0 0 6 Rapides 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Lasalle 0 6 Rapides 2 2 5 5 6 Vernon 0 7 Bienville 0 7 Caddo 3 7 Caddo 3 7 Caliborne 0 7 DeSoto 0 0 5 7 DeSoto 0 0 5 Caliborne 0 7 DeSoto 1 0 Caliborne 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Rapides 2  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 6 Vernon 0 6 Winn 0 7 Bienville 0 7 7 Bossier 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      | 1 1  |    |    |       |       |    |          |    |         |
| 6 Winn 0 7 Bienville 0 7 7 Bossier 1 7 7 Caddo 3 7 7 Claiborne 0 7 DeSoto 0 7 DeSoto 0 7 Minn 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7     Bienville     0       7     Bossier     1       7     Caddo     3       7     Claiborne     0       7     DeSoto     0   |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Bossier 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Caddo 3 1 1 1 1 1 1 7 1 7 1 1 7 1 7 1 1 7 1  |        |                  |         |            |       |            |    |             |    |       |    |    | 1     |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Claiborne 0 7 DeSoto 0   |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      | 1    |    |    |       | 1     |    |          |    |         |
| 7 DeSoto 0   |        |                  |         |            |       |            |    |             |    |       |    |    | •     |       |    |      |      |    |    |       | •     |    |          |    |         |
|  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7  |        | Lincoln          | 0       |            |       |            |    |             | l  |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Natchitoches 0   |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Red River 0  |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Red River 0 7 Sabine 0   |        |                  |         |            |       |            |    |             |    |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |
| 7 Sabine 0 7 Webster 0   |        |                  |         |            |       |            |    |             | 1  |       |    |    |       |       |    |      |      |    |    |       |       |    |          |    |         |

## WNV-Fever Infections by Parish According to CDC Week - Louisiana, 2007

|        |              | C Week | 1-5 | 6-9 | 10-13 | 14-17 | 18-21 | 22 | 23 24 | 1 25 | 26 | 27 28 | 29 | 30 | 31  | 32 33 | 3 34 | 35 | 36 | 37 3 | 8 39 | 40 | 41 | 42 4 | 13 44 | 45 | 46  | 47 4     | 8 49 | 50 | 51 | 52 |
|--------|--------------|--------|-----|-----|-------|-------|-------|----|-------|------|----|-------|----|----|-----|-------|------|----|----|------|------|----|----|------|-------|----|-----|----------|------|----|----|----|
| Region | Parish       | Total  | Jan | Feb | Mar   | Apr   | May   |    | Jun   |      |    | Jul   |    |    | Aug | )     |      |    | Se | o    |      |    | Oc | :t   |       |    | Nov | <b>/</b> |      | De | :C |    |
| 8      | Caldwell     | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | East Carroll | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Franklin     | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Jackson      | 1      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    | 1    |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Madison      | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Morehouse    | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Ouachita     | 1      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    | 1  |      |       |    |     |          |      |    |    |    |
| 8      | Richland     | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Tensas       | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | Union        | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 8      | West Caroll  | 1      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    | 1    |      |    |    |      |       |    |     |          |      |    |    |    |
| 9      | Livingston   | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 9      | St Helena    | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 9      | St Tammany   | 1      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     | 1        |      |    |    |    |
| 9      | Tangipahoa   | 1      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    | 1  |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 9      | Washington   | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
|        | Undetermined | 0      |     |     |       |       |       |    |       |      |    |       |    |    |     |       |      |    |    |      |      |    |    |      |       |    |     |          |      |    |    |    |
| 1      | WNV-F Total  | 13     | 0   | 0   | 0     | 0     | 0     | 0  | 0 0   | 0    | 0  | 0 0   | 0  | 0  | 1   | 1 (   | 0 0  | 0  | 1  | 3    | 3 0  | 0  | 2  | 0    | 1 0   | 0  | 0   | 0 1      | 0    | 0  | 0  | 0  |

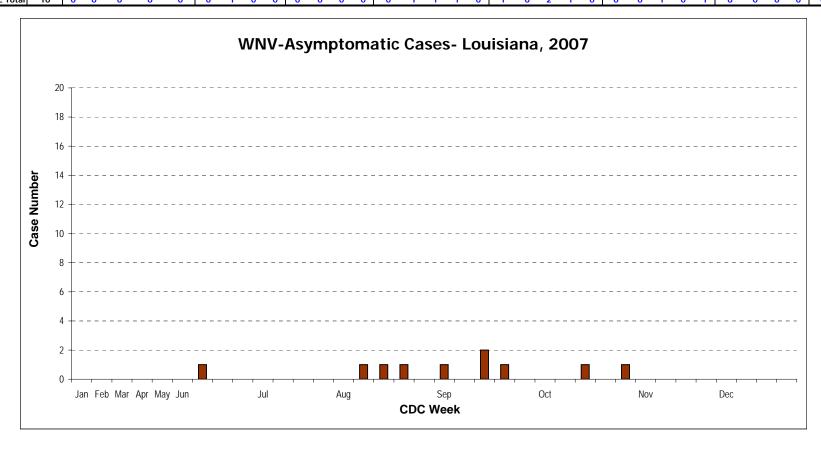


## WNV-Asymptomatic Infections by Parish According to CDC Week - Louisiana, 2007

|        | СГ               | C Week | 1-5 6-9 10 | )-1314-1 | 718-21 | 22 23 24 25 | 26 | 27 28 29 | 30 | 31 32 | 2 33 34 | 35 | 36 37 | 38 39 | 40 | 41 42 | 43 44    | 45 | 46 47 | 48 | 49  | 50 51 | 52 |
|--------|------------------|--------|------------|----------|--------|-------------|----|----------|----|-------|---------|----|-------|-------|----|-------|----------|----|-------|----|-----|-------|----|
| Region | Parish           | Total  | Jan Feb N  | Mar Apı  | May    | Jun         | 20 | Jul      | 33 | Aug   | 30 04   | 33 | Sep   | 20 07 | 10 | Oct   | , o -1-1 | 75 | Nov   | 73 | + / | Dec   | 32 |
| 1      | Jefferson        | 1      |            |          |        |             |    |          |    |       |         | 1  |       |       |    |       |          |    |       |    |     |       |    |
| 1      | Orleans          | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 1      | Plaquemines      | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 1      | St Bernard       | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | Ascension        | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | East Baton Rouge | 2      |            |          |        | 1           |    |          | 1  | 1     |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | East Feliciana   | 0      |            |          |        | ÷           |    |          | 1  | -     |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | Iberville        | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | Pointe Coupee    | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       |    |
| 2      | West Feliciana   | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 2      | West Baton Rouge | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 3      | Assumption       | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 3      | Lafourche        | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 3      | St Charles       | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 3      | St James         | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 3      | St John          | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 3      | St Mary          | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 3      | Terrebonne       | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 4      | Acadia           | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       |    |
| 4      | Evangeline       | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | -  |
| 4      | Iberia           | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | -  |
| 4      | Lafayette        | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 4      | St Landry        | 1      |            |          |        |             |    |          | 1  |       | 1       |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 4      | St Martin        | 0      |            |          |        |             |    |          | 1  |       | •       |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 4      | Vermillion       | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 5      | Allen            | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 5      | Beauregard       | 1      |            |          |        |             |    |          |    |       |         |    |       |       |    |       | 1        |    |       |    |     |       | ļ  |
| 5      | Calcasieu        | 2      |            |          |        |             |    |          |    |       |         |    |       | 1     |    | 1     | •        |    |       |    |     |       | ļ  |
| 5      | Cameron          | 0      |            |          |        |             |    |          | 1  |       |         |    |       | •     |    | •     |          |    |       |    |     |       | 1  |
| 5      | Jefferson Davis  | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Avoyelles        | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Catahoula        | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Concordia        | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 6      | Grant            | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 6      | Lasalle          | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Rapides          | 1      |            |          |        |             |    |          |    |       |         |    | 1     |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Vernon           | 0      |            |          |        |             |    |          |    |       |         |    | •     |       |    |       |          |    |       |    |     |       | ļ  |
| 6      | Winn             | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 7      | Bienville        | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | ļ  |
| 7      | Bossier          | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Caddo            | 1      |            |          |        |             |    |          | 1  |       |         |    | 1     |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Claiborne        | 0      |            |          |        |             |    |          | 1  |       |         |    | •     |       |    |       |          |    |       |    |     |       | 1  |
| 7      | DeSoto           | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Lincoln          | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Natchitoches     | 0      |            |          |        |             |    |          | 1  |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Red River        | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Sabine           | 0      |            |          |        |             |    |          |    |       |         |    |       |       |    |       |          |    |       |    |     |       | 1  |
| 7      | Webster          | 1      |            |          |        |             |    |          |    | 1     |         |    |       |       |    |       |          |    |       |    |     |       |    |

WNV-Asymptomatic Infections by Parish According to CDC Week - Louisiana, 2007

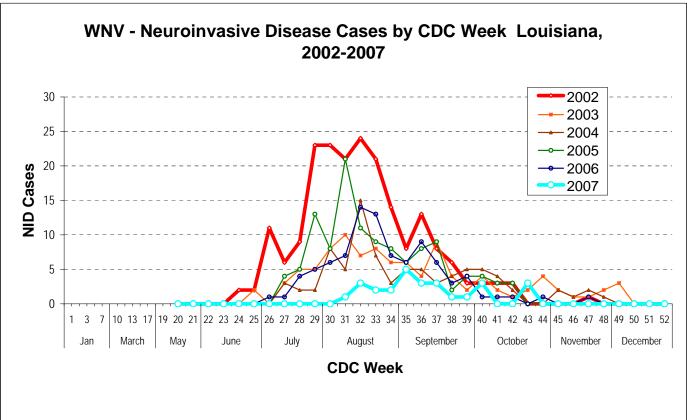
|        |               | Week  |     |     |     |     |     |   | 23  | 24 2 | 26 | 27 | 28 | 29 | 30 | 31  | 32 3 | 33 3 | 4 3 | 5 : | 36 37 | 38 | 39 | 40 | 41 | 42 4 | 43 44 | 45 | 46 | 47 | 48 | 49 | 50  | 51 52 |
|--------|---------------|-------|-----|-----|-----|-----|-----|---|-----|------|----|----|----|----|----|-----|------|------|-----|-----|-------|----|----|----|----|------|-------|----|----|----|----|----|-----|-------|
| Region | Parish        | Total | Jan | Feb | Mar | Apr | May |   | Jun |      |    | J  | ul |    |    | Auç | 3    |      |     |     | Sep   |    |    |    | Oc | t    |       |    | N  | ov |    |    | Dec |       |
| 8      | Caldwell      | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | East Carroll  | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Franklin      | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Jackson       | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Madison       | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Morehouse     | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Ouachita      | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Richland      | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Tensas        | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | Union         | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 8      | West Caroll   | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 9      | Livingston    | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 9      | St Helena     | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 9      | St Tammany    | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 9      | Tangipahoa    | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| 9      | Washington    | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
|        | Undetermined  | 0     |     |     |     |     |     |   |     |      |    |    |    |    |    |     |      |      |     |     |       |    |    |    |    |      |       |    |    |    |    |    |     |       |
| I      | WNV-PRE Total | 10    | 0   | 0   | 0   | 0   | 0   | 0 | 1   | 0 0  | 0  | 0  | 0  | 0  | 0  | 1   | 1    | 1    | 0   | 1   | 0 2   | 1  | 0  | 0  | 0  | 1    | 0 1   | C  | 0  | 0  | 0  | 0  | 0   | 0 0   |

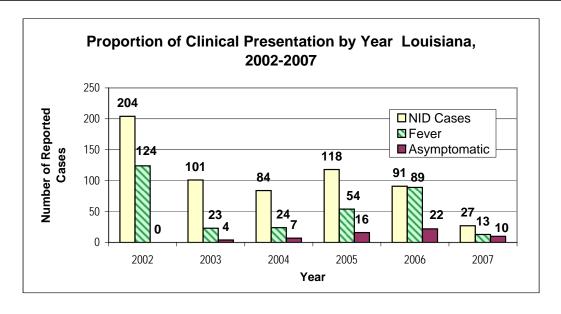


## Human Summary - Louisiana, 2002-2007

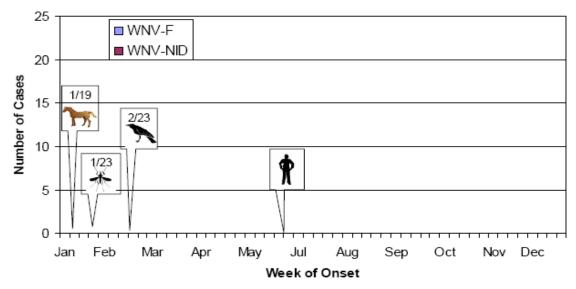
| WNV       | /-NID C  | ases k | y CD   | C Wee | k by | Year   |      |
|-----------|----------|--------|--------|-------|------|--------|------|
|           | Week     | 2002   | 2003   | 2004  | 2005 | 2006   | 2007 |
| Jan       | 1        |        |        |       |      |        |      |
|           | 3        |        |        |       |      |        |      |
|           | 7        |        |        |       |      |        |      |
| March     | 10       |        |        |       |      |        |      |
|           | 13       |        |        |       |      |        |      |
|           | 17       |        |        |       |      |        |      |
| May       | 19       |        |        |       |      |        |      |
|           | 20       | 0      | 0      | 0     | 0    | 0      | 0    |
|           | 21       | 0      | 0      | 0     | 0    | 0      | 0    |
| June      | 22       | 0      | 0      | 0     | 0    | 0      | 0    |
|           | 23       | 0      | 0      | 0     | 0    | 0      | 0    |
|           | 24       | 2      | 0      | 0     | 0    | 0      | 0    |
|           | 25       | 2      | 2      | 0     | 0    | 0      | 0    |
| July      | 26       | 11     | 0      | 0     | 0    | 1      | 0    |
|           | 27       | 6      | 3      | 3     | 4    | 1      | 0    |
|           | 28       | 9      | 5      | 2     | 5    | 4      | 0    |
|           | 29       | 23     | 5      | 2     | 13   | 5      | 0    |
| August    | 30       | 23     | 8      | 8     | 8    | 6      | 0    |
|           | 31       | 21     | 10     | 5     | 21   | 7      | 1    |
|           | 32       | 24     | 7      | 15    | 11   | 14     | 3    |
|           | 33       | 21     | 8      | 7     | 9    | 13     | 2    |
|           | 34       | 14     | 6      | 3     | 8    | 7      | 2    |
| September | 35       | 8      | 6      | 5     | 6    | 6      | 5    |
|           | 36       | 13     | 4      | 5     | 8    | 9      | 3    |
|           | 37       | 8      | 9      | 3     | 9    | 6      | 3    |
|           | 38<br>39 | 6      | 2      | 4     | 2    | 3      | 1    |
|           |          |        |        | 5     | 4    | 4      | 1    |
| October   | 40       | 3      | 4      | 5     | 4    | 1      | 3    |
|           | 41<br>42 | 3      | 2<br>1 | 4     | 3    | 1      | 0    |
|           | 42       | 0      | 2      | 0     | 0    | 1<br>0 | 3    |
|           | 43       | 0      | 4      | 0     | 0    | 1      | 0    |
| November  | 45       | 0      | 2      | 2     | 0    | 0      | 0    |
| MOVELLINE | 46       | 0      | 1      | 1     | 0    | 0      | 0    |
|           | 47       | 1      | 1      | 2     | 0    | 1      | 0    |
|           | 48       | 0      | 2      | 1     | 0    | 0      | 0    |
| December  | 49       | 0      | 3      | 0     | 0    | 0      | 0    |
| December  | 50       | 0      | 0      | 0     | 0    | 0      | 0    |
|           | 51       | 0      | 0      | 0     | 0    | 0      | 0    |
|           | 52       | 0      | 0      | 0     | 0    | 0      | 0    |
| NID Total | <u> </u> | 204    | 101    | 84    | 118  | 91     | 27   |
| TID IOCAL |          | 207    | 101    | 07    | 110  | 71     | ۷,   |

| Total Human WN      | IV Clir | nical F | reser | ntatio | n by \ | <b>Year</b> |
|---------------------|---------|---------|-------|--------|--------|-------------|
|                     | 2002    | 2003    | 2004  | 2005   | 2006   | 2007        |
| NID Cases           | 204     | 101     | 84    | 118    | 91     | 27          |
| Fever               | 124     | 23      | 24    | 54     | 89     | 13          |
| Asymptomatic        | NA      | 4       | 7     | 16     | 22     | 10          |
| Proportion of NID/F | 0.62    | 0.81    | 0.78  | 0.69   | 0.51   | 0.68        |





## Sequence of WNV Detection - Louisiana, 2007



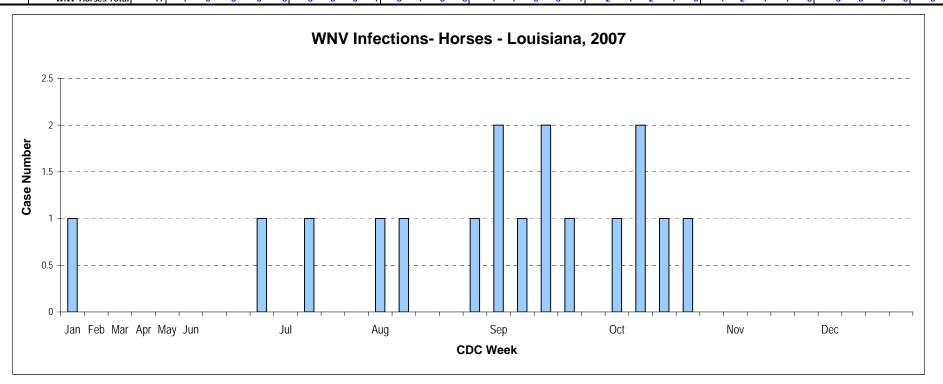
| Parish                     | Humans      | Horses      | Mosquito Pod | ols      | Wild Bi | rds       | De  | ad Birds  | С   | hickens   |
|----------------------------|-------------|-------------|--------------|----------|---------|-----------|-----|-----------|-----|-----------|
|                            | This Wk YTD | This Wk YTD | This Wk Y    | D This W | /k YTD  | Submitted | YTD | Submitted | YTD | Submitted |
| Acadia                     |             |             | 8            | 3        |         |           |     |           |     |           |
| Ascension                  |             |             | 1            | 3        |         |           |     |           | 0   | 13        |
| Avoyelles                  | 1           |             |              |          |         |           |     |           |     |           |
| Beauregard                 | 2           |             |              |          |         |           |     |           |     |           |
| Bienville                  |             | 1           |              |          |         |           |     |           |     |           |
| Bossier                    | 1           |             |              |          |         |           |     |           |     |           |
| Caddo                      | 11          | 1           | 2            | 0        |         |           |     |           |     |           |
| Calcasieu                  | 2           | 1           | 4            | 8        |         |           | 0   | 6         |     |           |
| Cameron                    | _           |             |              |          |         |           |     |           |     |           |
| Concordia                  | 1           |             |              |          |         |           |     |           |     |           |
| East Baton Rouge           | 2           |             | 6            | 8        | 97      | 2242      | 1   | 8         |     |           |
| Evangeline                 | 1           | 2           |              |          |         |           | -   | -         |     |           |
| Iberia                     |             | _           | 1            | 7        |         |           | 1   | 4         |     |           |
| Iberville                  |             |             | 1            |          |         |           |     | •         |     |           |
| Jackson                    | 1           |             |              |          |         |           |     |           |     |           |
| Jefferson                  | 3           |             | 2            | 3        |         |           | 0   | 1         | 34  | 495       |
| Jefferson Davis            |             |             | 1            |          | 20      | 334       | 0   | 1         | 12  | 300       |
| Lafayette                  | 1           |             |              |          | 20      | 337       |     | <u> </u>  | 9   | 237       |
| Lafourche                  |             | 1           | -            | ,        |         |           |     |           |     | 201       |
| Livingston                 | 1           | •           |              |          |         |           | 0   | 3         |     |           |
| Morehouse                  | 1           |             |              |          |         |           | U   | 3         |     |           |
| Orleans                    | 4           |             | 1            | 1        |         |           |     |           |     |           |
| Ouachita                   | 2           | 2           | 8            |          |         |           | 4   | 8         |     |           |
| Plaquemines                | 2           | 2           | 0            |          |         |           | 4   | 0         |     |           |
| Rapides                    | 5           | 1           | 4            |          |         |           |     |           |     |           |
| Sabine                     | 1           | •           |              |          |         |           |     |           |     |           |
|                            | 1           |             | 4            | 0        |         |           |     |           | 4   | 189       |
| St. Bernard<br>St. Charles |             | 1           | 4            |          |         |           |     |           | 4   | 248       |
|                            |             | 1           |              |          |         |           |     |           | 1   | 248       |
| St. James                  | 4           |             | 2            |          |         |           |     |           | 4   | 075       |
| St. John                   | 1           |             |              | )        |         |           |     |           | 1   | 275       |
| St. Landry                 | 1           | 2           |              | -        |         |           |     |           |     | 450       |
| St. Martin                 |             |             | 1            | 5        |         |           |     |           | 4   | 150       |
| St. Mary                   |             |             |              | •        |         |           |     | •         | 6   | 186       |
| St. Tammany                | 1           | 2           | 6            |          |         |           | 0   | 3         | 2   | 168       |
| Tangipahoa                 | 2           |             | 6            |          |         |           | 0   | 4         |     | 100       |
| Terrrebonne                |             | 1           | 8            | 3        |         |           |     |           | 0   | 408       |
| Union                      |             |             |              |          |         |           |     |           |     |           |
| Vermilion                  |             |             |              |          |         |           | 2   | 5         |     |           |
| Vernon                     |             | 1           |              |          |         |           |     |           | 3   | 199       |
| Washington                 | 2           |             |              |          |         |           |     |           |     |           |
| Webster                    | 1           |             |              | _        |         |           |     |           |     |           |
| West Baton Rouge           |             | 1           | 3            | 8        |         |           |     |           |     |           |
| West Carroll               | 2           |             |              |          |         |           |     |           |     |           |
| Unknown                    |             |             |              |          |         |           | 1   | 1         |     |           |
|                            |             |             |              |          |         |           |     |           |     |           |
| Statewide Totals Positives | 50          | 17          | 0 60         | 0 0      | 117     |           | 9   |           | 76  |           |
| Number Tested              | TBD         | 134         | 248          | 886      |         | 2576      |     | 44        |     | 2868      |

## WNV Horses - Louisiana, 2007

|        | CD               | C Week | 1-5 6-9 10-1314-1718-21 | 22 23 24 25 | 26 27 28 29 | 30 31 32 33 34 | 35 36 37 38 39 | 40 41 42 43 44 | 45 46 47 48 | 49 50 51 52 |
|--------|------------------|--------|-------------------------|-------------|-------------|----------------|----------------|----------------|-------------|-------------|
| Region |                  | Total  | Jan Feb Mar Apr May     | Jun         | Jul         | Aug 93 94      | Sep Sep        | Oct 0          | Nov         | Dec Dec     |
| 1      | Jefferson        | 0      |                         |             |             |                |                |                |             |             |
|        | Orleans          | 0      |                         |             |             |                |                |                |             |             |
|        | Plaquemines      | 0      |                         |             |             |                |                |                |             |             |
|        | St Bernard       | 0      |                         |             |             |                |                |                |             |             |
| 2      | Ascension        | 0      |                         |             |             |                |                |                |             |             |
|        | East Baton Rouge | 0      |                         |             |             |                |                |                |             |             |
|        | East Feliciana   | 0      |                         |             |             |                |                |                |             |             |
| 2      | Iberville        | 0      |                         |             |             |                |                |                |             |             |
|        | Pointe Coupee    | 0      |                         |             |             |                |                |                |             |             |
| 2      | West Baton Rouge | 1      |                         |             |             |                |                | 1              |             |             |
| 2      | West Feliciana   | 0      |                         |             |             |                |                | •              |             |             |
| 3      | Assumption       | 0      |                         |             |             |                |                |                |             |             |
| 3      | Lafourche        | 1      |                         |             | 1           |                |                |                |             |             |
|        | St Charles       | 1      |                         | 1           |             |                |                |                |             |             |
|        | St James         | 0      |                         |             |             |                |                |                |             |             |
| 3      | St John          | О      |                         |             |             |                |                |                |             |             |
|        | St Mary          | О      |                         |             |             |                |                |                |             |             |
| 3      | Terrebonne       | 1      |                         |             |             | 1              |                |                |             |             |
| 4      | Acadia           | 0      |                         |             |             |                |                |                |             |             |
| 4      | Evangeline       | 2      |                         |             |             |                | 1 1            |                |             |             |
| 4      | Iberia           | 0      |                         |             |             |                |                |                |             |             |
| 4      | Lafayette        | 0      |                         |             |             |                |                |                |             |             |
| 4      | St Landry        | 2      |                         |             |             |                | 1              | 1              |             |             |
|        | St Martin        | 0      |                         |             |             |                |                |                |             |             |
| 4      | Vermillion       | 0      |                         |             |             |                |                |                |             |             |
| 5      | Allen            | 0      |                         |             |             |                |                |                |             |             |
| 5      | Beauregard       | 0      |                         |             |             |                |                |                |             |             |
| 5      | Calcasieu        | 1      |                         |             |             |                | 1              |                |             |             |
| 5      | Cameron          | 0      |                         |             |             |                |                |                |             |             |
| 5      | Jefferson Davis  | 0      |                         |             |             |                |                |                |             |             |
| 6      | Avoyelles        | 0      |                         |             |             |                |                |                |             |             |
| 6      | Catahoula        | 0      |                         |             |             |                |                |                |             |             |
| 6      | Concordia        | 0      |                         |             |             |                |                |                |             |             |
| 6      | Grant            | 0      |                         |             |             |                |                |                |             |             |
| 6      | Lasalle          | 0      |                         |             |             |                |                |                |             |             |
| 6      | Rapides          | 1      |                         |             |             |                |                | 1              |             |             |
| 6      | Vernon           | 1      |                         |             |             |                |                | 1              |             |             |
| 6      | Winn             | 0      |                         |             |             |                |                |                |             |             |
| 7      | Bienville        | 1      |                         |             |             |                |                | 1              |             |             |
| 7      | Bossier          | 0      |                         |             |             |                |                |                |             |             |
| 7      | Caddo            | 1      |                         |             |             | 1              |                |                |             |             |
| 7      | Claiborne        | 0      |                         |             |             |                |                |                |             |             |
| 7      | DeSoto           | 0      |                         |             |             |                |                |                |             |             |
| 7      | Lincoln          | 0      |                         |             |             |                |                |                |             |             |
| 7      | Natchitoches     | 0      |                         |             |             |                |                |                |             |             |
| 7      | Red River        | 0      |                         |             |             |                |                |                |             |             |
| 7      | Sabine           | 0      |                         |             |             |                |                |                |             |             |
| 7      | Webster          | 0      |                         |             |             |                |                |                |             |             |

### WNV Horses - Louisiana, 2007

|        | CD              | C Week | 1-5 | 6-910 | )-1314 | -1718 | 21 2 | 2 23 2 | 24 25 | 26 | 27 2 | 8 29 | 30 | 31 3 | 32 3 | 3 34 | 35  | 36  | 37 3 | 38 39 | 40 | ) 41 | 42 | 43 4 | 14 | 45 | 46  | 47 4 | 8 | 49 5 | 50 5 | 1 52 |
|--------|-----------------|--------|-----|-------|--------|-------|------|--------|-------|----|------|------|----|------|------|------|-----|-----|------|-------|----|------|----|------|----|----|-----|------|---|------|------|------|
| Region | Parish          | Total  | Jan | Feb N | /lar A | pr M  | ay   | Jun    |       |    | Jul  |      |    | Aug  |      |      |     | Se  | p    |       |    | C    | ct |      |    |    | Nov |      |   |      | Dec  |      |
| 8      | Caldwell        | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | East Carroll    | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Franklin        | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Jackson         | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Madison         | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Morehouse       | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Ouachita        | 2      |     |       |        |       |      |        |       |    |      |      |    |      |      |      | 1   |     | 1    |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Richland        | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Tensas          | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | Union           | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 8      | West Caroll     | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 9      | Livingston      | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 9      | St Helena       | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 9      | St Tammany      | 2      | 1   |       |        |       |      |        |       |    |      |      | 1  |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 9      | Tangipahoa      | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
| 9      | Washington      | О      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
|        | Undetermined    | 0      |     |       |        |       |      |        |       |    |      |      |    |      |      |      |     |     |      |       |    |      |    |      |    |    |     |      |   |      |      |      |
|        | WNV-Horses Tota | I 17   | 1   | 0     | 0      | 0     | 0    | 0 0    | 0 1   | 0  | ) 1  | 0 0  | 1  | 1    | 0    | 0    | 1 : | 2 1 | 2    | 1     | 0  | 1 2  | 1  | 1    | 0  | 0  | 0   | 0    | 0 | 0    | 0    | 0    |

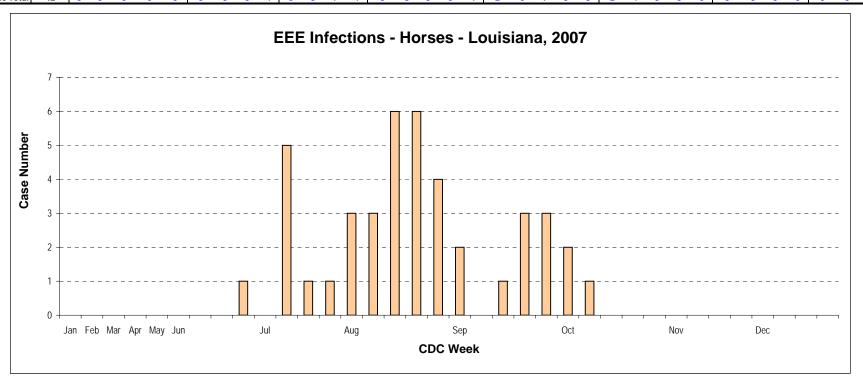


## EEE Horses -Louisiana, 2007

| CDC Week  1-5 6-910-1314-178-2   22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51   |        |                | CDC Week | (1-5 6-910-1:14-1718-21 | 22 23 24 25 | 26 27 28 | 8 29 | 30 | 31 32 | 33 3 | 1 3! | 36 37 | 38 39 | 40 | 41 42 | 43 44 | 45 | 46 | 47 48 | 3 49 | 50 5 | 51 52 |
|--|--------|----------------|----------|-------------------------|-------------|----------|------|----|-------|------|------|-------|-------|----|-------|-------|----|----|-------|------|------|-------|
| 1   Jefferson  | Region |                |          | Jan Feb Mar Apr May     |             |          |      | 00 |       | 30 0 |      | Sep   | 30 37 |    |       | 10 11 | .5 |    |       | .,   |      | . 02  |
| 1   Orleans   0  |        |                |          |                         |             |          |      |    |       | 1    |      |       |       |    |       |       |    |    |       |      |      |       |
| 1  |        |                |          |                         |             |          |      |    |       | •    |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 1   St Bernard   0   |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      |       |
| 2  |        | -              |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 2  |        |                |          |                         |             |          |      |    | 1     |      |      |       | 1     |    |       |       |    |    |       |      |      |       |
| East Feliciana   |        |                |          |                         |             |          |      |    |       |      | 1    |       |       |    |       |       |    |    |       |      |      |       |
| 2   Iberville  |        | _              |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 2   Pointe Coupee   0  |        |                |          |                         |             |          |      |    |       | 1    |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 2   West Faliciana   | 2      |                | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3 Lafourche 7 3 5 Charles 3 5 St Charles 3 5 St John 0 7 5 St John 0 7 5 Allen 0 7 5 Cameron 0 7 5 Jefferson Davis 0 6 Avoyeles 2 2 6 Catahoula 0 7 5 Jefferson Davis 0 6 Avoyeles 2 2 6 Catahoula 0 7 5 Jefferson Davis 0 6 Avoyeles 2 2 6 Catahoula 0 7 5 Jefferson Davis 0 7 5 Jefferson Da | 2      | West Feliciana | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3 St Charles 3 St James 0 St Jame | 3      | Assumption     | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3 St James 0 3 St John 0 3 St Mary 0 3 Terrebonne 8 1 1 1 1 2 2 4 Acadia 0 4 Evangeline 2 1 1 1 4 Lafayette 0 4 St Landry 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 3      | Lafourche      | 7        |                         |             | 4        |      | 1  | 2     |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3 St John 0 0 3 St Mary 0 0 3 Terrebonne 8 8 1 1 1 1 1 2 2 8 8 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9   | 3      | St Charles     | 3        |                         | 1           |          |      |    | 1     | 1    |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3  | 3      | St James       | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 3   Terrebonne   | 3      | St John        | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 4 Acadia 0   | 3      | St Mary        | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 4   Evangeline   2   | 3      | Terrebonne     | 8        |                         |             | 1        | 1    | 1  | 1 2   | 2    |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 4       Iberia       0         4       Lafayette       0         4       St Landry       3         4       St Martin       1         4       Vermillion       0         5       Allen       0         5       Beauregard       0         5       Caraeron       0         5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0  | 4      | Acadia         | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 4 Lafayette 0  | 4      | Evangeline     |          |                         |             |          |      |    |       |      |      |       | 1     | 1  |       |       |    |    |       |      |      | ļ     |
| 4 St Landry 3 4 St Martin 1 4 Vermillion 0 5 Allen 0 5 Beauregard 0 5 Calcasieu 2 5 Cameron 0 5 Jefferson Davis 0 6 Avoyelles 2 6 Catahoula 0  | 4      | Iberia         | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      |       |
| 4 St Martin 1 4 Vermillion 0 5 Allen 0 5 Beauregard 0 5 Calcasieu 2 5 Cameron 0 5 Jefferson Davis 0 6 Avoyelles 2 6 Catahoula 0  | 4      | Lafayette      | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 4       Vermillion       0         5       Allen       0         5       Beauregard       0         5       Calcasieu       2         5       Cameron       0         5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0  | 4      | St Landry      | 3        |                         |             |          |      |    |       |      | 1    |       | 1     | 1  |       |       |    |    |       |      |      |       |
| 5       Allen       0         5       Beauregard       0         5       Calcasieu       2         5       Cameron       0         5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0   | 4      |                | 1        |                         |             |          |      |    |       |      |      |       | 1     |    |       |       |    |    |       |      |      | ļ     |
| 5       Beauregard       0         5       Calcasieu       2         5       Cameron       0         5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0   |        | Vermillion     | 0        |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 5 Calcasieu 2 1 1 1 5 Cameron 0 5 Jefferson Davis 0 6 Avoyelles 2 1 1 1 1 6 Catahoula 0 1 1 1  |        | Allen          |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 5       Cameron       0         5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 5       Jefferson Davis       0         6       Avoyelles       2         6       Catahoula       0  |        |                |          |                         |             |          |      |    |       |      |      | 1     | 1     |    |       |       |    |    |       |      |      | ļ     |
| 6     Avoyelles     2       6     Catahoula     1  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 6 Catahoula 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
|  |        |                |          |                         |             |          |      |    |       |      |      | 1     |       |    | 1     |       |    |    |       |      |      | ļ     |
| 6 Concordia 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
|  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 6 Grant 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | l     |
| 6 Lasalle 0 6 Rapides 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 6 Rapides 0 6 Vernon 0   |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 6 Winn 0   |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      |       |
| 7 Bienville 1  |        |                |          |                         |             |          |      |    |       | 1    |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 7 Bienville 1 7 Bossier 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 7 Bossier 0 7 Caddo 1 1 1  |        |                |          |                         |             |          |      |    |       |      | .    |       |       |    |       |       |    |    |       |      |      | l     |
| 7 Claiborne 0  |        |                |          |                         |             |          |      |    |       |      | ٠    |       |       |    |       |       |    |    |       |      |      | l     |
| 7 DeSoto 1   |        |                |          |                         |             |          |      | 1  |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 7   Desotto   1   1   1   1   1   1   1   1   1  |        |                |          |                         |             |          |      | '  |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |
| 7 Natchitoches 1   |        |                |          |                         |             |          |      |    |       |      | .    |       |       |    |       |       |    |    |       |      |      | ļ     |
| 7 Red River 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | l     |
| 7 Sabine 0   |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | l     |
| 7 Webster 0  |        |                |          |                         |             |          |      |    |       |      |      |       |       |    |       |       |    |    |       |      |      | ļ     |

## EEE Horses -Louisiana, 2007

|        | CI              | DC Week | 1-5 | 6-91 | 0-13 | 14-17 | /18-2° | 22 | 23 | 24 2 | 25 2 | 26 2 | 27 28 | 3 29 | 30 | 31  | 32 | 33 34 | 1 3 | 5 | 36 3 | 7 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
|--------|-----------------|---------|-----|------|------|-------|--------|----|----|------|------|------|-------|------|----|-----|----|-------|-----|---|------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Region | Parish          | Total   |     |      |      |       |        |    | Ju |      |      |      | Jul   |      |    | Aug | j  |       |     |   | Sep  |      |    |    | 0  | ct |    |    |    | Ne | ΟV |    |    | De |    |    |
| 8      | Caldwell        | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | East Carroll    | 1       |     |      |      |       |        |    |    |      |      |      |       |      |    |     | 1  |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Franklin        | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Jackson         | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Madison         | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Morehouse       | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Ouachita        | 1       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     | 1 |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Richland        | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Tensas          | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | Union           | 1       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      | 1    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8      | West Caroll     | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9      | Livingston      | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9      | St Helena       | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9      | St Tammany      | 1       |     |      |      |       |        |    |    |      |      |      | 1     |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9      | Tangipahoa      | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9      | Washington      | 1       |     |      |      |       |        |    |    |      |      |      |       |      |    | 1   |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|        | Undetermined    | 0       |     |      |      |       |        |    |    |      |      |      |       |      |    |     |    |       |     |   |      |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|        | EEE-Horses Tota | al 42   | 0   | 0    | 0    | 0     | 0      | 0  | 0  | 0    | 1    | 0    | 5 1   | 1    | 3  | 3   | 6  | 6     | 1   | 2 | 0    | 1 3  | 3  | 2  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |



# **Sequence of WNV Detection - Louisiana, 2007**

| CDC Week | Week Starting | Week Ending          |
|----------|---------------|----------------------|
| 01       | 01/01/07      | 01/06/07             |
| 02       | 01/07/07      | 01/13/07             |
| 03       | 01/14/07      | 01/20/07             |
| 04       | 01/21/07      | 01/27/07             |
| 05       | 01/28/07      | 02/03/07             |
| 06       | 02/04/07      | 02/10/07             |
| 07       | 02/11/07      | 02/17/07             |
| 08       | 02/18/07      | 02/24/07             |
| 09       | 02/25/07      | 03/03/07             |
| 10       | 03/04/07      | 03/10/07             |
| 11       | 03/04/07      | 03/17/07             |
| 12       | 03/18/07      | 03/24/07             |
| 13       | 03/25/07      | 03/31/07             |
| 14       | 04/01/07      | 04/07/07             |
| 15       | 04/08/07      | 04/07/07             |
| 16       | 04/15/07      | 04/14/07             |
| 17       | 04/22/07      | 04/21/07             |
| 18       | 04/29/07      | 05/05/07             |
| 19       |               |                      |
|          | 05/06/07      | 05/12/07             |
| 20       | 05/13/07      | 05/19/07             |
| 21       | 05/20/07      | 05/26/07             |
| 22       | 05/27/07      | 06/02/07             |
| 23       | 06/03/07      | 06/09/07             |
| 24       | 06/10/07      | 06/16/07             |
| 25       | 06/17/07      | 06/23/07             |
| 26       | 06/24/07      | 06/30/07             |
| 27       | 07/01/07      | 07/07/07             |
| 28       | 07/08/07      | 07/14/07             |
| 29       | 07/15/07      | 07/21/07             |
| 30       | 07/22/07      | 07/28/07<br>08/04/07 |
| 31       | 07/29/07      |                      |
| 32       | 08/05/07      | 08/11/07             |
| 33       | 08/12/07      | 08/18/07             |
| 34       | 08/19/07      | 08/25/07             |
| 35       | 08/26/07      | 09/01/07             |
| 36       | 09/02/07      | 09/08/07             |
| 37       | 09/09/07      | 09/15/07             |
| 38       | 09/16/07      | 09/22/07             |
| 39       | 09/23/07      | 09/29/07             |
| 40       | 09/30/07      | 10/06/07             |
| 41       | 10/07/07      | 10/13/07             |
| 42       | 10/14/07      | 10/20/07             |
| 43       | 10/21/07      | 10/27/07             |
| 44       | 10/28/07      | 11/03/07             |
| 45       | 11/04/07      | 11/10/07             |
| 46       | 11/11/07      | 11/17/07             |
| 47       | 11/18/07      | 11/24/07             |
| 48       | 11/25/07      | 12/01/07             |
| 49       | 12/02/07      | 12/08/07             |
| 50       | 12/09/07      | 12/15/07             |
| 51<br>52 | 12/16/07      | 12/22/07             |
| ÜZ       | 12/23/07      | 12/29/07             |