

West Nile in Louisiana 2005

This document includes several pages

- 1-Human West Nile cases**
- 2-Graph of Human Cases: Curve**
- 3-Comparison Curve 2002 to present**
- 4-Map**
- 5-Early warning system**
- 6-Dead bird counts**
- 7-Mosquito surveillance**
- 8-Horse surveillance**
- 9-Sentinel chicken**

Note: The human curve and the map reflect only neuro-invasive disease cases.

West Nile

Age Group	Cases			Population	Cases /100K	Clinical Classification			ME /100K
	M	F	Total			NID	Fever	Asym	
0-14	4	3	7	1,003,533	0.7	7			0.7
15-29	17	7	24	1,011,128	2.4	8	8	8	0.8
30-44	14	12	26	999,958	2.6	16	9	1	1.6
45-59	31	23	54	756,000	7.1	28	19	7	3.7
60-75	28	19	47	513,383	9.2	37	10		7.2
75+	18	12	30	184,085	16.3	22	8		12.0
Undetermined			0						
Total	112	76	188	4,468,088	4.2	118	54	16	2.6

NID=NeuroInvasive Disease; F&A=Fever & Asymptomatic

WNV Deaths		
54	M	Caddo 7/19/2005
16	F	West Baton Rouge 7/19/2005
75	M	Orleans 7/25/2005
50	F	East Baton Rouge 8/13/2005
89	F	Ouachita 8/15/2005
51	M	East Baton Rouge 8/23/2005
60	M	Caddo 8/26/2005
52	F	Franklin 9/28/2005
82	M	St Helena 10/17/2005
80	M	Rapides 10/20/2005
71	M	Iberia 11/22/2005

Parish	Cases		Population	Cases /100K	NID	Fever	Asym
	Last	Now					
1 Jefferson	8	8	455,500	1.8		6	2
1 Orleans	13	13	485,000	2.7		6	7
1 St Bernard	2	2	67,000	3.0		1	1
1 Plaquemines	0	0	26,800	0.0			
2 Ascension	4	4	76,500	5.2		3	1
2 East Baton Rouge	22	26	413,000	6.3		17	8
2 East Feliciana	0	0	21,500	0.0			
2 Iberville	3	4	33,000	12.1		2	2
2 Pointe Coupee	0	1	22,800	4.4			1
2 West Baton Rouge	2	2	22,000	9.1		2	
2 West Feliciana	0	0	15,100	0.0			
3 Assumption	0	0	23,400	0.0			
3 Lafourche	1	1	90,000	1.1		1	
3 St. Charles	0	0	48,100	0.0			
3 St James	0	0	21,200	0.0			
3 St John	0	0	43,000	0.0			
3 St Mary	0	0	53,500	0.0			
3 Terrebonne	0	0	104,500	0.0			
4 Acadia	2	2	58,900	3.4		1	1
4 Evangeline	0	0	35,500	0.0			
4 Iberia	5	5	73,300	6.8		4	1
4 Lafayette	0	1	190,500	0.5		1	
4 St Landry	1	1	87,500	1.1			1
4 St Martin	0	0	45,600	0.0			
4 Vermillion	0	0	53,800	0.0			
5 Allen	0	0	25,500	0.0			
5 Beauregard	1	1	33,000	3.0		1	
5 Calcasieu	4	4	183,500	2.2		2	1
5 Cameron	0	0	10,000	0.0			
5 Jefferson Davis	0	0	31,400	0.0			
6 Avoyelles	0	0	41,500	0.0			
6 Catahoula	0	0	11,000	0.0			
6 Concordia	0	0	20,300	0.0			
6 Grant	0	0	18,700	0.0			
6 Rapides	9	9	126,500	7.1		7	1
6 Lasalle	0	0	14,300	0.0			
6 Vernon	3	3	52,500	5.7			2
6 Winn	1	1	16,900	5.9		1	
7 Bienville	0	0	15,800	0.0			
7 Bossier	9	9	98,500	9.1		6	1
7 Caddo	24	24	252,200	9.5		16	4
7 Claiborne	0	0	16,900	0.0			
7 Natchitoches	1	1	39,100	2.6			1
7 DeSoto	5	5	25,500	19.6		2	3
7 Sabine	0	0	23,500	0.0			
7 Red River	0	0	9,600	0.0			
7 Webster	1	0	41,800	0.0			
8 Caldwell	1	1	10,600	9.4			1
8 East Carroll	0	0	9,400	0.0			
8 Franklin	1	1	21,300	4.7		1	
8 Jackson	0	0	15,400	0.0			
8 Lincoln	1	1	42,500	2.4		1	
8 Madison	0	0	13,700	0.0			
8 Morehouse	1	1	31,000	3.2		1	
8 Ouachita	18	18	147,500	12.2		15	3
8 Richland	1	1	21,000	4.8			1
8 Tensas	0	0	6,500	0.0			
8 Union	1	1	22,800	4.4			1
8 West Carroll	0	0	12,300	0.0			
9 Livingston	19	21	92,000	22.8		11	9
9 St Helena	2	2	10,500	19.0		2	
9 St Tammany	3	5	192,000	2.6		3	2
9 Tangipahoa	4	4	100,588	4.0		2	1
9 Washington	4	5	44,000	11.4		3	2
Undetermined	0	0					
Total	177	188	4,468,088	4.2	118	54	16

Clinical	
WN Fever	54
WN Neuro-invasive	118
WN Asymptomatic	16
Total	188

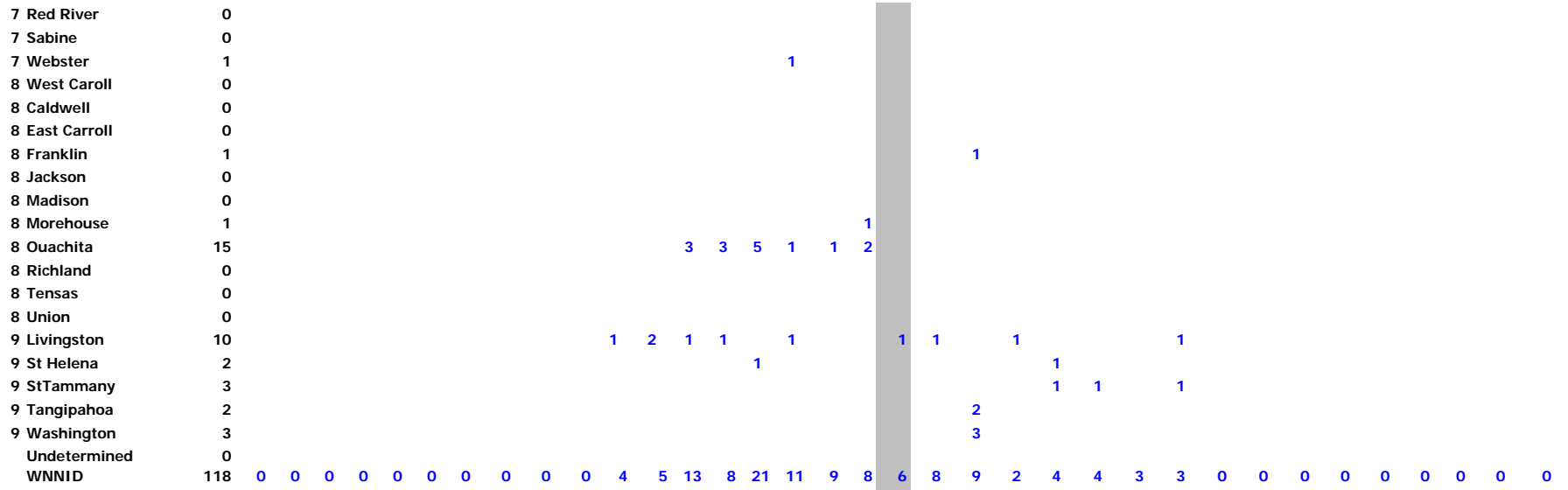
Outcome (NID only)			
Home	51	Rehab	3
Hospitalized		Deceased	11
ICU	17	Undetermined	0
Ward	36	Total	118

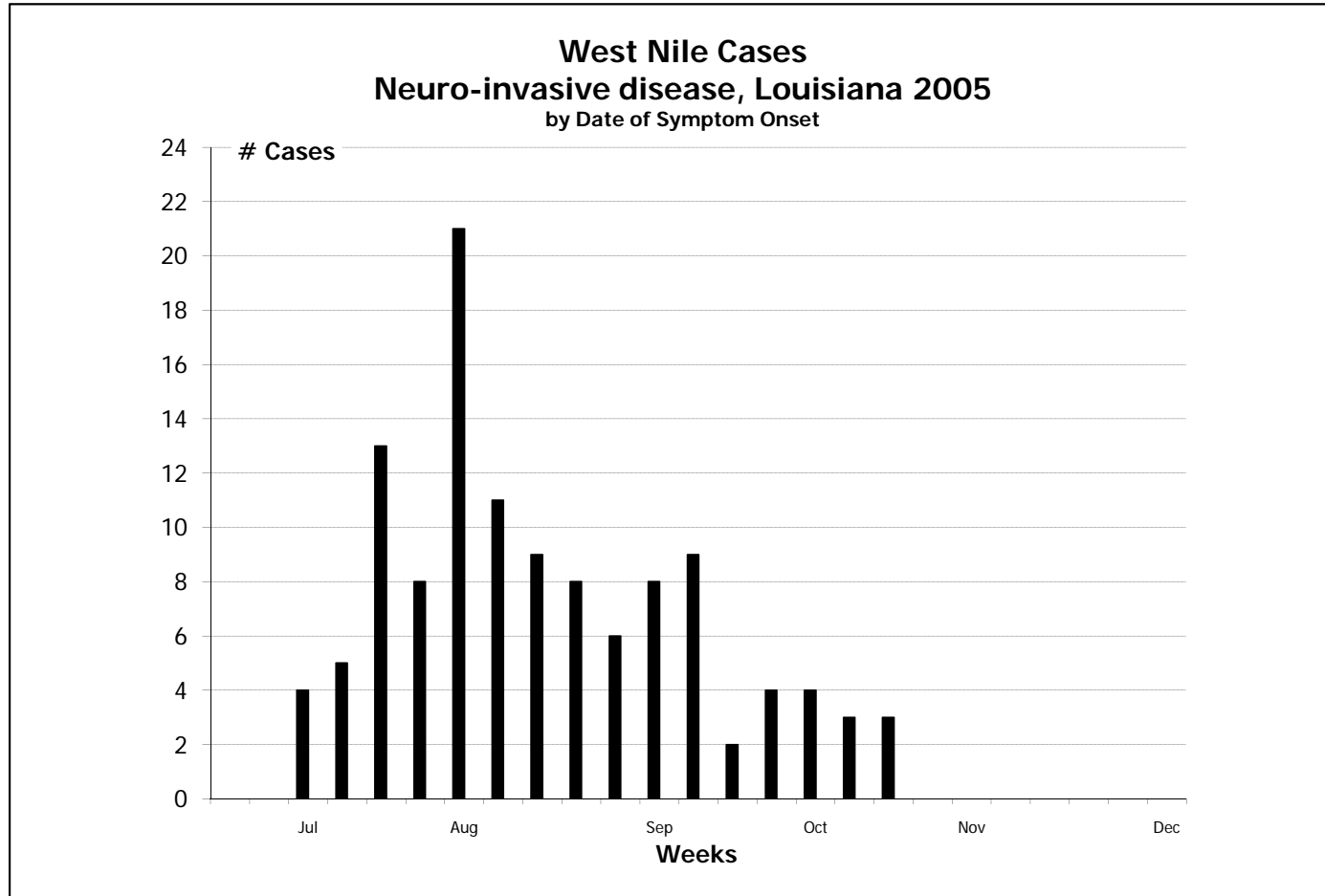
SLE Case		
Onset		
47	M	Orleans 7/28/2005
39	M	Orleans 9/11/2005

EEE Case		
Onset		
16	M	St John 8/14/2005

LaCrosse Cases		
Onset		
9	F	St Tammany 9/14/2005

WNN Humans 2005





JA=January, FE=February, MA=March, AP=April, MY=May, JN=June, JL=July, AU=August, SE=September, OC=October, NO=November, DE=December

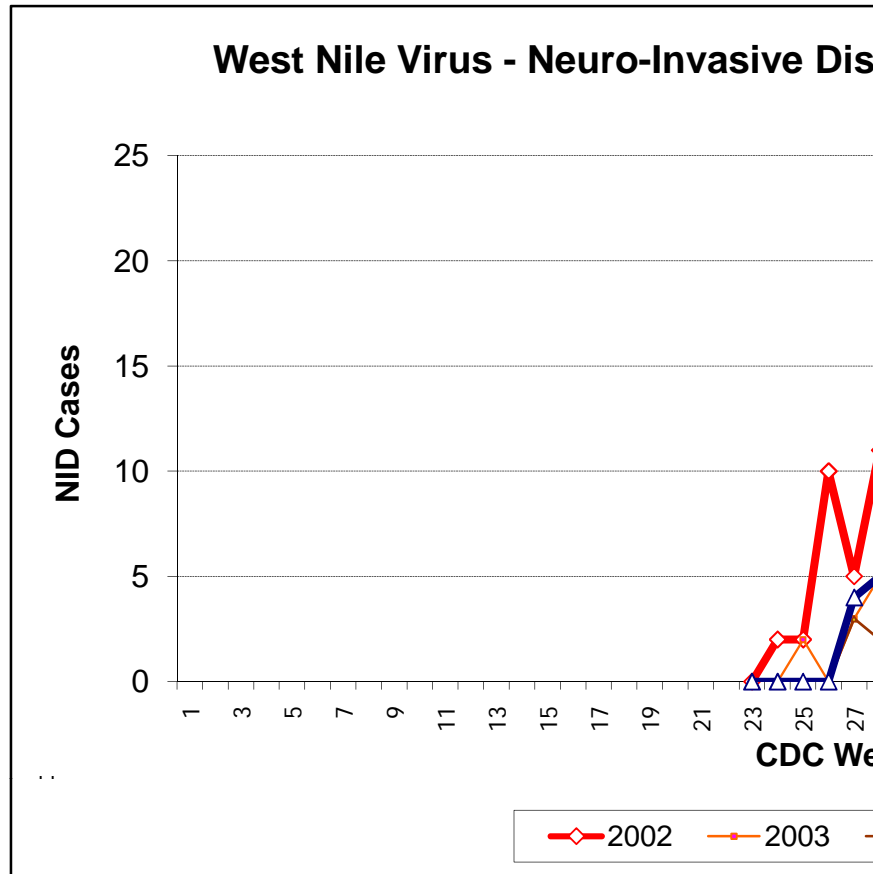
Starting in May, the number following the month is the week: example MY1 is the first week in May

Onset and case counts can only be determined reliably for Neuro-Invasive disease cases. Therefore other cases are not plotted here.

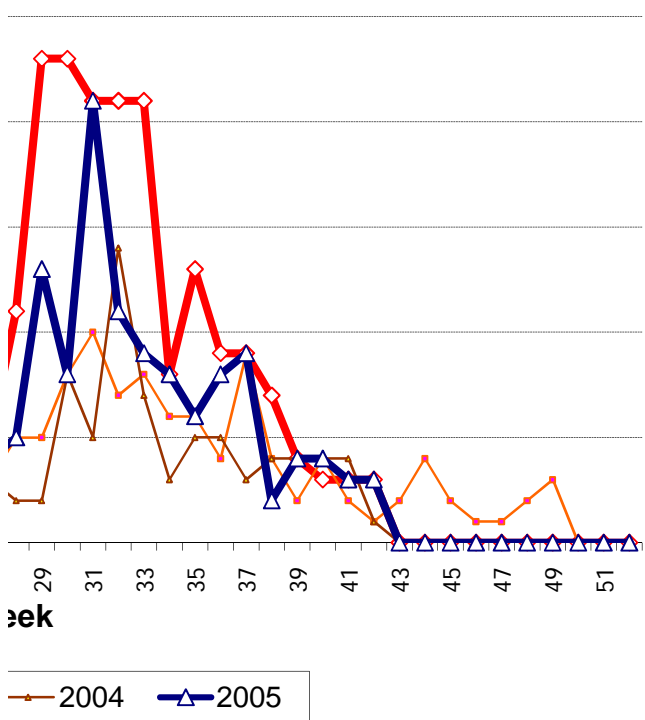


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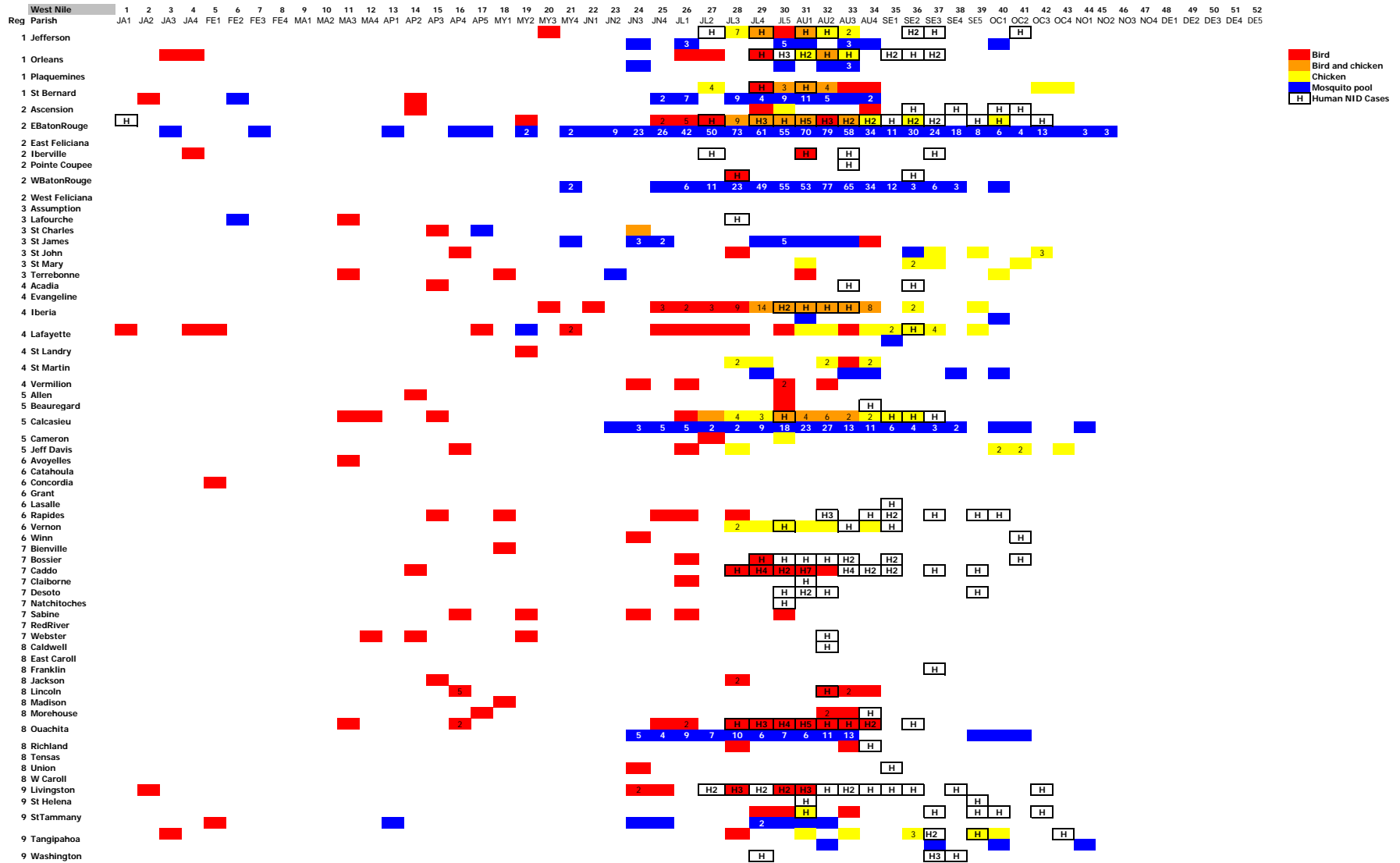
Week	2002	2003	2004	2005
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23	0	0	0	0
24	2	0	0	0
25	2	2	0	0
26	10	0	0	0
27	5	3	3	4
28	11	5	2	5
29	23	5	2	13
30	23	8	8	8
31	21	10	5	21
32	21	7	14	11
33	21	8	7	9
34	8	6	3	8
35	13	6	5	6
36	9	4	5	8
37	9	9	3	9
38	7	4	4	2
39	4	2	4	4
40	3	4	4	4
41	3	2	4	3
42	3	1	1	3
43	0	2	0	0
44	0	4	0	0
45	0	2	0	0
46	0	1	0	0
47	0	1	0	0
48	0	2	0	0
49	0	3	0	0
50	0	0	0	0
51	0	0	0	0
52	0	0	0	0
	198	101	74	118



Disease Cases 2002-2005



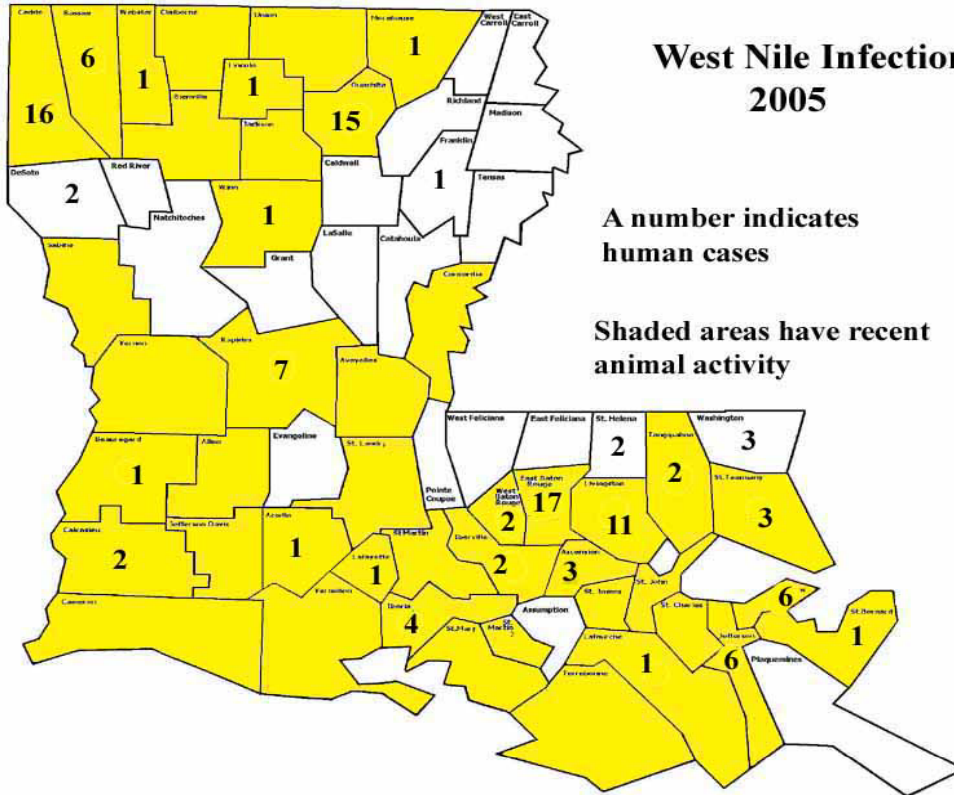
West Nile Virus Early Warning



■ Bird
■ Bird and chicken
■ Mosquito pool
H Human NID Cases

Call (800)256-2748 for information
 JA=January, FE=February, MA=March, AP=April, MY=May, JN=June, JL=July, AU=August, SE=September, OC=October, NO=November, DE=December
 The number following the month is the week: example MA2 is the second week in March

2/17/2005



West Nile Infections 2005

A number indicates
human cases

Shaded areas have recent
animal activity

West Nile Virus Positive Birds

9/13/2005

Dead bird testing suspended on 9/23/05

785 tested, 290 positive

Parish	Bird Species								Total
	Cardinal	Blue Jay	Sparrow	Grackle	Crow	Raptor	Seagull	Other	
Acadia			1						1
Allen		1				1			2
Ascension		3	1						4
Assumption									0
Avoyelles				1					1
Beauregard	1								1
Bienville					1				1
Bossier		2		1					3
Caddo	1	10	2						13
Calcasieu	3	2	3			1			9
Caldwell									0
Cameron						1			1
Catahoula									0
Claiborne	1								1
Concordia	1								1
De Soto									0
EBR	1	29	9		1	1			41
East Carroll									0
East Feliciana									0
Evangeline									0
Franklin									0
Grant									0
Iberia	2	51	12		5				70
Iberville	1	2							3
Jackson	1	1		1					3
Jefferson	1	1	6						8
Jefferson Davis	1	1							2
Lafayette	1	6	3		1	1			12
Lafourche	1								1
LaSalle									0
Lincoln	2	8			1				11
Livingston	3	3	3						9
Madison			1						1
Morehouse	1	3							4
Natchitoches									0
Orleans		5	1		3				9
Ouachita	3	17	3	2	1				26
Plaquemines									0
Pointe Coupee									0
Rapides	1	3	1						5
Red River									0
Richland		3							3
Sabine	2	2			1				5
St. Bernard		1	8		2	1			12
St. Charles		1				1			2
St. Helena									0
St. James		1							1
St. John			2						2
St. Landry		1							1
St. Martin		1							1
St. Mary									0
St. Tammany	3		1						4
Tangipahoa		2							2
Tensas									0
Terrebonne		1	1			1			3
Union	1								1
Vermilion	1	2	2						5
Vernon									0
Washington									0
WBR			1						1
Webster		2	1						3
West Carroll									0
West Feliciana									0
Winn	1								1
Total	34	165	62	5	16	8	0	0	290

West Nile Virus Positive Birds

West Nile Virus Positive Birds

8/24/2005

Bird Tested By Parish

Parish	Neg	Pos	Total	%pos
Acadia	12	1	13	7.69
Allen	4	2	6	33.33
Ascension	7	3	10	30.00
Assumption	7	0	7	0.00
Avoyelles	5	1	6	16.67
Beauregard	4	1	5	20.00
Bienville	4	1	5	20.00
Bossier	9	3	12	25.00
Caddo	13	13	26	50.00
Calcasieu	19	8	27	29.63
Caldwell	0	1	1	100.00
Cameron	3	1	4	25.00
Catahoula	0	0	0	#DIV/0!
Claiborne	3	1	4	25.00
Concordia	1	1	2	50.00
DeSoto	0	0	0	#DIV/0!
East Baton Rouge	25	41	66	62.12
East Carroll	1	0	1	0.00
East Feliciana	1	0	1	0.00
Evangeline	2	0	2	0.00
Franklin	1	0	1	0.00
Grant	1	0	1	0.00
Iberia	30	58	88	65.91
Iberville	7	3	10	30.00
Jackson	3	3	6	50.00
Jefferson	23	8	31	25.81
Jefferson Davis	4	2	6	33.33
Lafayette	18	12	30	40.00
Lafourche	7	1	8	12.50
LaSalle	3	0	3	0.00
Lincoln	6	7	13	53.85
Livingston	8	9	17	52.94
Madison	1	1	2	50.00
Morehouse	5	2	7	28.57
Natchitoches	5	0	5	0.00
Orleans	12	9	21	42.86
Ouachita	30	22	52	42.31
Plaquemines	7	0	7	0.00
Pointe Coupee	0	0	0	#DIV/0!
Rapides	16	5	21	23.81
Red River	0	0	0	#DIV/0!
Richland	3	2	5	40.00
Sabine	5	5	10	50.00
St. Bernard	16	11	27	40.74
St. Charles	3	2	5	40.00
St. Helena	0	0	0	#DIV/0!
St. James	6	0	6	0.00
St. John	6	2	8	25.00
St. Landry	5	1	6	16.67
St. Martin	6	0	6	0.00
St. Mary	16	0	16	0.00
St. Tammany	18	3	21	14.29
Tangipahoa	10	2	12	16.67
Tensas	1	0	1	0.00
Terrebonne	9	3	12	25.00
Union	5	1	6	16.67
Vermilion	9	4	13	30.77
Vernon	2	0	2	0.00
Washington	6	0	6	0.00
Webster	3	3	6	50.00
West Baton Rouge	3	1	4	25.00
West Carroll	3	0	3	0.00
West Feliciana	0	0	0	#DIV/0!
Winn	5	1	6	16.67
Total	447	261	708	#DIV/0!

Bird Testing by CDC Week

Week of:	CDC Week#	Tested	No.Pos	%Pos
1/2-8	1	5	0	0.00
1/9-15	2	6	2	33.33
1/16-22	3	8	2	25.00
1/23-29	4	7	3	42.86
1/30-2/5	5	10	3	30.00
2/6-12	6	8	0	0.00
2/13-19	7	15	0	0.00
2/20-26	8	13	0	0.00
2/27-3/5	9	18	0	0.00
3/6-12	10	12	0	0.00
3/13-19	11	30	5	16.67
3/20-26	12	17	2	11.76
3/27-4/2	13	10	0	0.00
4/3-9	14	23	5	21.74
4/10-16	15	18	5	27.78
4/17-23	16	29	10	34.48
4/24-30	17	37	1	2.70
5/1-7	18	40	5	12.50
5/8-14	19	32	4	12.50
5/15-21	20	26	1	3.85
5/22-28	21	17	2	11.76
5/29-6/4	22	17	1	5.88
6/5-11	23	14	0	0.00
6/12-18	24	16	7	43.75
6/19-25	25	17	10	58.82
6/26-7/2	26	24	18	75.00
7/3-9	27	17	9	52.94
7/10-16	28	41	34	82.93
7/17-23	29	52	42	80.77
7/24-30	30	34	25	73.53
7/31-8/6	31	49	30	61.22
8/7-13	32	35	27	77.14
8/14-20	33	5	5	100.00
8/21-27	34			
8/28-9/3	35			
9/4-10	36			
9/11-17	37			
9/18-24	38			
9/25-10/1	39			
10/2-8	40			
10/9-15	41			
10/16-22	42			
10/23-29	43			
10/30-11/5	44			
11/6-12	45			
11/13-19	46			
11/20-26	47			
11/27-12/3	48			
12/4-10	49			
12/11-17	50			
12/18-24	51			
12/25-31	52			
YTD		702	258	36.75

West Nile Virus Positive Birds

West Nile Positive Mosquitoes

11/16/2005
18,123 pools tested

WNV Positive Mosquito Species

Parish	Cx. quinquefasciatus	Cx. salinarius	Ae. vexans	Ae.albopictus	Other
Acadia					
Cameron					
Calcasieu	126	9			Cq. perturbans, Oc. infirmatus, Cx. corr
East Baton Rouge	695		1	9	Oc. infirmatus, Oc. triseriatus, Cx. nigrapalpus, Ae. vexans, Cx. corr
Iberia	2				
Jefferson	14				
Jefferson Davis					
Lafayette	2				
Lafourche	1				
Orleans	6				
Ouachita	78		1		An. quadrimaculatus, Cx. restuans
St. Bernard	51				
St. Charles	1				
St. James					Mixed spp (14)
St. John	1				
St. Martin	5				
St. Mary					
St. Tammany	7			1	
Tangipahoa	4				
Terrebonne				1	
Vermilion					
Vernon					
West Baton Rouge	402				
Winn					
	1395	9	2	11	24
					Total 1441

SLE Positive Mosquito Species

Parish	Cx. quinquefasciatus	Cx. salinarius	Ae. vexans	Ae.albopictus	Other
St. Bernard	1				
Jefferson	5				
					Total 6

Cx = Culex
An = Anopheles
Ae = Aedes
Oc = Ochlerotatus
Ps = Psorophora
Cq = Coquillettidia

2004 WNV in Horses

Horses

Reported by State Veterinarian's Office
Confirmed cases as of 11/15/05

Parish	WNV+	EEE+
Acadia	1	
Avoyelles		9
Beauregard		1
East Baton Rouge	1	
Franklin	1	
Iberia	1	
Lafayette	1	
Livingston		1
Morehouse	1	
Natchitoches	1	
Ouachita	3	
St Charles		1
St Martin		2
Richland	1	
Washington		1
Vermillion	1	
Unknown Parish	4	
Total	16	15

2004 WNV Sentinel Chickens

11/18/2005

Chicken Sentinels

Parish	WNV+	EEE+	SLE+
Ascension	1		
Bossier			
Caddo			
Calcasieu	35		
Cameron	2		1
East Baton Rouge	21		
Iberia	15		
Jefferson	16		
Jefferson Davis	7		
Lafayette	12		1
Orleans	10		1
St. Bernard	14		1
St. Charles	1		
St. John	8		
St. Martin	7		
St. Mary	7		
St. Tammany	2		
Tangipahoa	12	1	
Terrebonne	1		
Vernon (Ft. Polk)	6		
Winn			
	177	1	4

CDC Week Week Starting Week Ending Week name

CDC Week	Week Starting	Week Ending	Week name
01	1/2/05	1/8/05	JA1
02	1/9/05	1/15/05	JA2
03	1/16/05	1/22/05	JA3
04	1/23/05	1/29/05	JA4
05	1/30/05	2/5/05	FE1
06	2/6/05	2/12/05	FE2
07	2/13/05	2/19/05	FE3
08	2/20/05	2/26/05	FE4
09	2/27/05	3/5/05	MA1
10	3/6/05	3/12/05	MA2
11	3/13/05	3/19/05	MA3
12	3/20/05	3/26/05	MA4
13	3/27/05	4/2/05	AP1
14	4/3/05	4/9/05	AP2
15	4/10/05	4/16/05	AP3
16	4/17/05	4/23/05	AP4
17	4/24/05	4/30/05	AP5
18	5/1/05	5/7/05	MY1
19	5/8/05	5/14/05	MY2
20	5/15/05	5/21/05	MY3
21	5/22/05	5/28/05	MY4
22	5/29/05	6/4/05	JN1
23	6/5/05	6/11/05	JN2
24	6/12/05	6/18/05	JN3
25	6/19/05	6/25/05	JN4
26	6/26/05	7/2/05	JL1
27	7/3/05	7/9/05	JL2
28	7/10/05	7/16/05	JL3
29	7/17/05	7/23/05	JL4
30	7/24/05	7/30/05	JL5
31	7/31/05	8/6/05	AU1
32	8/7/05	8/13/05	AU2
33	8/14/05	8/20/05	AU3
34	8/21/05	8/27/05	AU4
35	8/28/05	9/3/05	SE1
36	9/4/05	9/10/05	SE2
37	9/11/05	9/17/05	SE3
38	9/18/05	9/24/05	SE4
39	9/25/05	10/1/05	SE5
40	10/2/05	10/8/05	OC1
41	10/9/05	10/15/05	OC2
42	10/16/05	10/22/05	OC3
43	10/23/05	10/29/05	OC4
44	10/30/05	11/5/05	NO1
45	11/6/05	11/12/05	NO2
46	11/13/05	11/19/05	NO3
47	11/20/05	11/26/05	NO4
48	11/27/05	12/3/05	DE1
49	12/4/05	12/10/05	DE2
50	12/11/05	12/17/05	DE3
51	12/18/05	12/24/05	DE4

52	12/25/05	12/31/05	DE5
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