

2007 WNV Provisional Incidence/Mortality Rates

West Nile Virus Incidence Rates and Deaths By District in Mississippi 2007				
Districts	Cases	Population	Incidence/100,000	Deaths
1	4	269,617	1.48	0
2	1	345,116	0.29	0
3	12	236,927	5.06	0
4	2	245,034	0.82	0
5	57	625,836	9.11	2
6	18	242,727	7.42	0
7	10	177,438	5.64	0
8	22	295,010	7.46	2
9	10	437,408	2.29	0
Total	136	2,875,113	4.73	4

West Nile Virus Cases By Age and Sex in Mississippi 2007						
Age Category	Male	Female	Unknown	Total	% Per Age Category	rate/age category
0-14	1	3	0	4	3%	0.76
15-29	7	8	0	15	11%	2.84
30-44	21	19	0	40	30%	7.57
45-59	22	18	0	40	30%	7.57
60-74	16	8	0	24	18%	4.54
75+	5	8	0	13	10%	2.46
Total	71	64	0	135	100%	25.54
% Male or Female	53%	47%	0%	100%		

West Nile Virus Cases By Clinical Symptoms in MS 2007	
Clinical Symptoms	Cases
Encephalitis	50
West Nile Fever	86
% Encephalitis	36%
% West Nile Fever	64%
Total	136

Based on 2006 Population Estimates

2007 WNV Incidence Provisional Case and Mortality Rates, by County in Mississippi

County	Population	Case Count	Incidence per 100,000	Deaths	Mortality Rate per 100,000
Adams	32,626	5	15.33	0	0.0
Alcorn	35,589	0	0.00	0	0.0
Amite	13,466	0	0.00	0	0.0
Attala	19,644	1	5.09	0	0.0
Benton	7,873	0	0.00	0	0.0
Bolivar	38,352	0	0.00	0	0.0
Calhoun	14,647	1	6.83	0	0.0
Carroll	10,326	0	0.00	0	0.0
Chickasaw	18,998	0	0.00	0	0.0
Choctaw	9,401	0	0.00	0	0.0
Claiborne	11,487	0	0.00	0	0.0
Clarke	17,631	0	0.00	0	0.0
Clay	21,210	0	0.00	0	0.0
Coahoma	28,420	1	3.52	0	0.0
Copiah	29,223	3	10.27	0	0.0
Covington	20,447	1	4.89	0	0.0
Desoto	144,706	0	0.00	0	0.0
Forrest	76,372	5	6.55	0	0.0
Franklin	8,269	0	0.00	0	0.0
George	21,828	0	0.00	0	0.0
Greene	13,103	0	0.00	0	0.0
Grenada	22,861	0	0.00	0	0.0
Hancock	40,421	0	0.00	0	0.0
Harrison	171,875	6	3.49	0	0.0
Hinds	249,012	14	5.62	0	0.0
Holmes	20,866	0	0.00	0	0.0
Humphreys	10,393	0	0.00	0	0.0
Issaquena	1,805	0	0.00	0	0.0
Itawamba	23,352	0	0.00	0	0.0
Jackson	130,577	1	0.77	0	0.0
Jasper	18,197	1	5.50	0	0.0
Jefferson	9,194	0	0.00	0	0.0
Jeff Davis	13,184	0	0.00	0	0.0
Jones	66,715	5	7.49	0	0.0
Kemper	10,108	1	9.89	0	0.0
Lafayette	40,865	0	0.00	0	0.0
Lamar	46,240	8	17.30	2	4.3
Lauderdale	76,724	4	5.21	0	0.0
Lawrence	13,457	1	7.43	0	0.0
Leake	22,769	1	4.39	0	0.0
Lee	79,714	0	0.00	0	0.0
Leflore	35,752	8	22.38	0	0.0
Lincoln	34,404	3	8.72	0	0.0
Lowndes	59,773	0	0.00	0	0.0
Madison	87,419	21	24.02	1	1.1
Marion	25,730	0	0.00	0	0.0
Marshall	35,853	0	0.00	0	0.0
Monroe	37,572	0	0.00	0	0.0
Montgomery	11,754	0	0.00	0	0.0
Neshoba	30,125	6	19.92	0	0.0
Newton	22,413	0	0.00	0	0.0
Noxubee	12,051	0	0.00	0	0.0
Oktibbeha	41,633	1	2.40	0	0.0
Panola	35,427	1	2.82	0	0.0
Pearl River	57,099	2	3.50	0	0.0
Perry	12,132	1	8.24	0	0.0
Pike	40,240	0	0.00	0	0.0
Pontotoc	28,887	1	3.46	0	0.0
Prentiss	25,615	0	0.00	0	0.0
Quitman	9,289	0	0.00	0	0.0
Rankin	135,830	15	11.04	1	0.7
Scott	28,790	4	13.89	0	0.0
Sharkey	5,851	0	0.00	0	0.0
Simpson	27,972	0	0.00	0	0.0
Smith	15,970	1	6.26	0	0.0
Stone	15,608	1	6.41	0	0.0
Sunflower	31,833	1	3.14	0	0.0
Tallahatchie	13,798	2	14.49	0	0.0
Tate	26,723	0	0.00	0	0.0
Tippah	21,248	0	0.00	0	0.0
Tishomingo	19,112	0	0.00	0	0.0
Tunica	10,419	0	0.00	0	0.0
Union	27,008	0	0.00	0	0.0
Walthall	15,543	1	6.43	0	0.0
Warren	49,308	2	4.06	0	0.0
Washington	58,007	2	3.45	0	0.0
Wayne	21,087	2	9.48	0	0.0
Webster	10,041	0	0.00	0	0.0
Wilkinson	10,239	0	0.00	0	0.0
Winston	19,708	0	0.00	0	0.0
Yalobusha	13,401	0	0.00	0	0.0
Yazoo	27,929	2	7.16	0	0.0
Mississippi	2,910,540	136	4.67	4	0.1

2007 Provisional Arboviral Summary

COUNTY	CY	BIRDS				HUMANS				MOSQUITO POOLS
		BIRD REPORTS	BIRDS SUBMITTED FOR TESTING	BIRDS TESTED	BIRDS POSITIVE FOR WNV	NUMBER OF HUMANS TESTED	HUMANS WITH WNV	HUMANS WITH WNV ENCEPHALITIS	HUMANS WITH SLE	
ADAMS	01	32	4	4	0	30	5	1	0	0
ALCORN	02	3	0	0	0	1	0	0	0	0
AMITE	03	0	0	0	0	14	0	0	0	0
ATTALA	04	0	0	0	0	19	1	0	0	0
BENTON	05	2	0	0	0	0	0	0	0	0
BOLIVAR	06	2	0	0	0	8	0	0	0	0
CALHOUN	07	2	0	0	0	3	1	0	0	0
CARROLL	08	0	0	0	0	3	0	0	0	0
CHICKASAW	09	4	0	0	0	1	0	0	0	0
CHOCTAW	10	0	0	0	0	4	0	0	0	0
CLAIBORNE	11	0	0	0	0	4	0	0	0	0
CLARKE	12	8	0	0	0	3	0	0	0	0
CLAY	13	1	0	0	0	1	0	0	0	0
COAHOMA	14	0	0	0	0	5	1	0	0	0
COPIAH	15	3	0	0	0	37	3	2	0	0
COVINGTON	16	7	0	0	0	23	1	0	0	0
DE SOTO	17	3	0	0	0	1	0	0	0	0
FORREST	18	19	3	3	0	130	5	0	0	6
FRANKLIN	19	0	0	0	0	4	0	0	0	0
GEORGE	20	8	4	4	0	0	0	0	0	0
GREENE	21	1	0	0	0	2	0	0	0	0
GRENADA	22	2	0	0	0	2	0	0	0	0
HANCOCK	23	6	0	0	0	18	0	0	0	0
HARRISON	24	17	11	6	1	81	6	3	0	1
HINDS	25	43	7	6	0	224	14	9	2	1
HOLMES	26	0	0	0	0	17	0	0	0	0
HUMPHREYS	27	0	0	0	0	2	0	0	0	0
ISSAQUENA	28	0	0	0	0	1	0	0	0	0
ITAWAMBA	29	1	0	0	0	0	0	0	0	0
JACKSON	30	7	5	5	0	7	1	1	0	3
JASPER	31	1	0	0	0	7	1	1	0	0
JEFFERSON	32	0	0	0	0	7	0	0	0	0
JEFFERSON DAVIS	33	2	0	0	0	10	0	0	0	0
JONES	34	4	0	0	0	34	5	2	0	0
KEMPER	35	0	0	0	0	2	1	0	0	0
LAFAYETTE	36	0	0	0	0	11	0	0	0	0
LAMAR	37	13	1	2	0	56	8	4	0	0
LAUDERDALE	38	14	2	2	0	11	4	1	0	0
LAWRENCE	39	3	2	2	0	29	1	1	0	0
LEAKE	40	1	0	0	0	19	1	0	0	0
LEE	41	8	0	0	0	2	0	0	0	0
LEFLORE	42	4	1	1	0	15	8	3	0	0
LINCOLN	43	22	5	3	0	77	3	1	0	0
LOWNDES	44	1	1	1	0	8	0	0	0	0
MADISON	45	33	2	1	0	125	21	8	0	6
MARION	46	20	7	6	0	33	0	0	0	0
MARSHALL	47	1	0	0	0	0	0	0	0	0
MONROE	48	0	0	0	0	1	0	0	0	0
MONTGOMERY	49	0	0	0	0	3	0	0	0	0
NESHOBA	50	5	1	1	0	9	6	1	0	0
NEWTON	51	3	2	2	0	6	0	0	0	0
NOXUBEE	52	2	1	1	0	2	0	0	0	0
OKTIBBEHA	53	4	2	2	0	4	1	0	0	1
PANOLA	54	0	0	0	0	3	1	0	0	0
PEARL RIVER	55	17	7	7	1	18	2	1	0	0
PERRY	56	1	0	0	0	15	1	0	0	0
PIKE	57	10	4	1	0	57	0	0	0	0
PONTOTOC	58	0	0	0	0	2	1	0	0	0
PRENTISS	59	0	0	0	0	0	0	0	0	0
QUITMAN	60	0	0	0	0	1	0	0	0	0
RANKIN	61	28	8	7	1	180	15	5	0	0
SCOTT	62	6	0	0	0	28	4	2	0	0
SHARKEY	63	0	0	0	0	2	0	0	0	0
SIMPSON	64	0	0	0	0	49	0	0	0	0
SMITH	65	2	2	2	0	16	1	0	0	0
STONE	66	1	1	1	0	17	1	0	0	0
SUNFLOWER	67	2	1	1	0	7	1	0	0	0
TALLAHATCHIE	68	5	2	2	0	2	2	1	0	0
TATE	69	3	2	2	0	0	0	0	0	0
TIPPAH	70	0	0	0	0	0	0	0	0	0
TISHOMINGO	71	0	0	0	0	0	0	0	0	0
TUNICA	72	0	0	0	0	0	0	0	0	0
UNION	73	0	0	0	0	1	0	0	0	0
WALTHALL	74	1	0	0	0	12	1	1	0	0
WARREN	75	9	5	5	0	41	2	2	0	0
WASHINGTON	76	5	8	4	1	28	2	0	0	0
WAYNE	77	1	0	0	0	7	2	0	0	0
WEBSTER	78	0	0	0	0	0	0	0	0	0
WILKINSON	79	1	1	1	0	1	0	0	0	0
WINSTON	80	2	0	0	0	4	0	0	0	0
YALOBUSHA	81	0	0	0	0	1	0	0	0	0
YAZOO	82	1	1	1	0	23	2	0	0	0
TOTAL		407	103	86	4	1631	136	50	2	18

* Flavivirus positive, undergoing further testing to differentiate between SLE and WNV

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*As of June 15, 2007, MSDH no longer accepted dead birds for testing