

ARBOVIRUS SURVEILLANCE REPORT

**Sentinel Chicken Activity by Region
Specimens Examined During 2006**

total alpha= EEE + HJ
total flaviv= SLE + WN

County	Number of Sites Monitored	Number of Suscept. Examined	Number of Sera From Suscept. Examined	Number of Sentinels Sero Converting				Percent of Sero Conversion				REGION	Percent of Sero Conversion	
				EEE	HJ	SLE	WN	EEE	HJ	SLE	WN		total alpha	total flaviv
CHARLOTTE	8	31	620	0	0	4	0	0.0%	0.0%	12.9%	0.0%	SOUTH	0.00	12.90
COLLIER	5	36	792	0	0	1	0	0.0%	0.0%	2.8%	0.0%	SOUTH	0.00	2.78
DADE	7	89	470	0	0	0	0	0.0%	0.0%	0.0%	0.0%	SOUTH	0.00	0.00
GLADES	1	8	151	0	0	0	0	0.0%	0.0%	0.0%	0.0%	SOUTH	0.00	0.00
HENDRY	3	29	294	0	0	4	0	0.0%	0.0%	13.8%	0.0%	SOUTH	0.00	13.79
LEE	16	248	1726	0	0	14	1	0.0%	0.0%	5.6%	0.4%	SOUTH	0.00	6.05
MARTIN	6	23	377	0	0	0	0	0.0%	0.0%	0.0%	0.0%	SOUTH	0.00	0.00
PALM BEACH	9	111	1758	0	0	0	0	0.0%	0.0%	0.0%	0.0%	SOUTH	0.00	0.00
TOTAL South	55	575	6188	0	0	23	1	0.0%	0.0%	4.0%	0.2%	SOUTH	0.00	4.17
Historical Mean Annual Seroconversion Rate												0.4		
Historical Mean Annual Seroconversion 95% Confidence Interval												0.03-0.43		
BREVARD	11	78	1655	0	0	0	0	0.0%	0.0%	0.0%	0.0%	CENTRAL	0.00	0.00
HILLSBOROUGH	11	118	2876	0	0	0	4	0.0%	0.0%	0.0%	3.4%	CENTRAL	0.00	3.39
INDIAN RIVER	8	98	1962	0	0	1	0	0.0%	0.0%	1.0%	0.0%	CENTRAL	0.00	1.02
MANATEE	13	118	3072	0	0	5	1	0.0%	0.0%	4.2%	0.8%	CENTRAL	0.00	5.08
OSCEOLA	9	79	583	3	0	0	1	3.8%	0.0%	0.0%	1.3%	CENTRAL	3.80	1.27
PINELLAS	8	203	3032	0	0	0	0	0.0%	0.0%	0.0%	0.0%	CENTRAL	0.00	0.00
SARASOTA	12	84	3017	0	0	7	1	0.0%	0.0%	8.3%	1.2%	CENTRAL	0.00	9.52
ST. LUCIE	7	43	1043	0	0	1	0	0.0%	0.0%	2.3%	0.0%	CENTRAL	0.00	2.33
TOTAL Central	79	821	17240	3	0	14	7	0.4%	0.0%	1.7%	0.9%	CENTRAL	0.37	2.56
Historical Mean Annual Seroconversion Rate												2		
Historical Mean Annual Seroconversion 95% Confidence Interval												0.46-3.48		
ALACHUA	8	98	542	15	1	0	0	15.3%	1.0%	0.0%	0.0%	NORTH	16.33	0.00
CITRUS	6	37	650	0	0	0	0	0.0%	0.0%	0.0%	0.0%	NORTH	0.00	0.00
DUVAL	6	38	955	3	0	0	3	7.9%	0.0%	0.0%	7.9%	NORTH	7.89	7.89
FLAGLER	5	65	308	2	1	0	0	3.1%	1.5%	0.0%	0.0%	NORTH	4.62	0.00
NASSAU	7	52	1069	9	1	0	2	17.3%	1.9%	0.0%	3.8%	NORTH	19.23	3.85
ORANGE	19	389	6219	9	0	3	2	2.3%	0.0%	0.8%	0.5%	NORTH	2.31	1.29
PASCO	6	43	1235	0	0	0	1	0.0%	0.0%	0.0%	2.3%	NORTH	0.00	2.33
PUTNAM	9	59	620	0	0	0	1	0.0%	0.0%	0.0%	1.7%	NORTH	0.00	1.69
SEMINOLE	4	26	285	0	0	0	0	0.0%	0.0%	0.0%	0.0%	NORTH	0.00	0.00
ST. JOHNS	10	120	2093	2	0	0	1	1.7%	0.0%	0.0%	0.8%	NORTH	1.67	0.83
VOLUSIA	17	174	2500	4	1	0	1	2.3%	0.6%	0.0%	0.6%	NORTH	2.87	0.57
TOTAL North	97	1101	16476	44	4	3	11	4.0%	0.4%	0.3%	1.0%		4.36	1.27
BAY	3	19	575	0	0	0	1	0.0%	0.0%	0.0%	5.3%	PANHANDLE	0.00	5.26
ESCAMBIA	1	6	74	2	0	0	0	33.3%	0.0%	0.0%	0.0%	PANHANDLE	33.33	0.00
JACKSON	4	43	787	0	0	0	3	0.0%	0.0%	0.0%	7.0%	PANHANDLE	0.00	6.98
JEFFERSON	4	14	83	5	0	0	0	35.7%	0.0%	0.0%	0.0%	PANHANDLE	35.71	0.00
LEON	7	54	977	1	0	0	0	1.9%	0.0%	0.0%	0.0%	PANHANDLE	1.85	0.00
MADISON	2	18	94	4	1	0	0	22.2%	5.6%	0.0%	0.0%	PANHANDLE	27.78	0.00
WALTON	25	250	4638	20	1	0	7	8.0%	0.4%	0.0%	2.8%	PANHANDLE	8.40	2.80
TOTAL Panhandle	46	404	7228	32	2	0	11	7.9%	0.5%	0.0%	2.7%		8.42	2.72
TOTAL (North +Panhandle)	143	1505	23704	76	6	3	22	5.0%	0.4%	0.2%	1.5%		5.45	1.66
Historical Mean Annual Seroconversion Rate												10.0%		
Historical Mean Annual Seroconversion 95% Confidence Interval												7.92-12.16%		

Lillian M. Stark, Ph.D., M.P.H., M.S.
 Florida Department of Health
 Bureau of Laboratories-Tampa
 3602 Spectrum Boulevard
 Tampa, FL 33612
 phone: 813-974-5990
 suncom: 574-5990
 fax: 813-974-5776
 cell phone: 813-363-0707
 radio:160-42-3615
 Lillian_stark@doh.state.fl.us

Mission: To promote and protect the health and safety of all people in Florida through the delivery of quality public health services and promotion of health care standards.