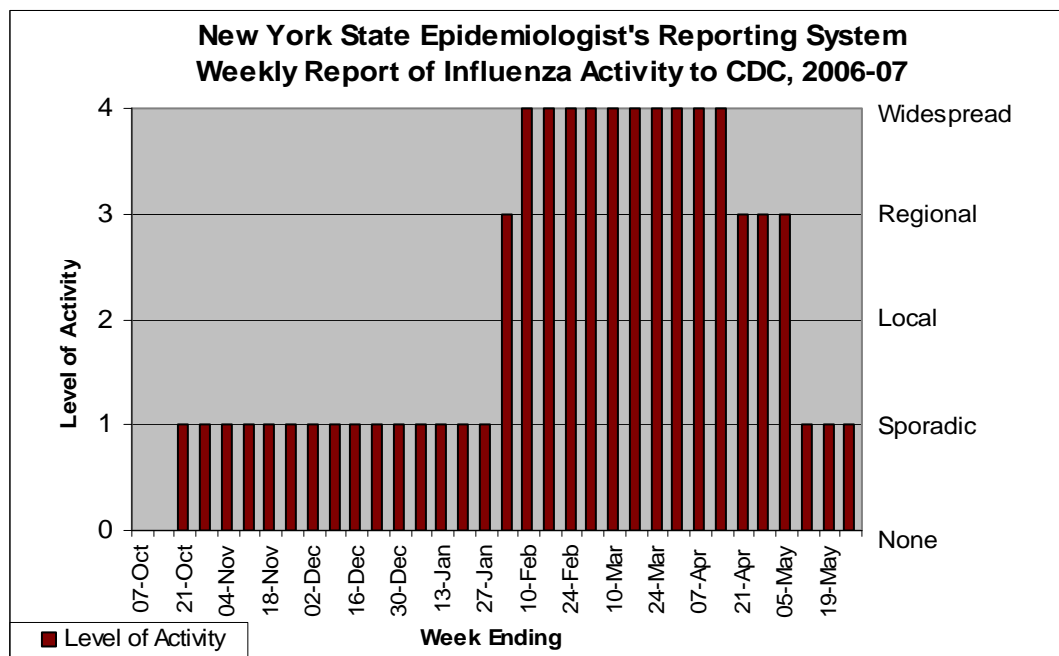


**NEW YORK STATE DEPARTMENT OF HEALTH
BUREAU OF COMMUNICABLE DISEASE CONTROL
REGIONAL EPIDEMIOLOGY PROGRAM**

**STATEWIDE SUMMARY
2006 - 07 INFLUENZA SEASON***

1. WEEKLY NEW YORK STATE EPIDEMIOLOGIST'S REPORT TO CDC:

2006 - 07 Season's Activity



***NOTE:** The CDC-defined influenza reporting season begins the first week in October and ends the third week in May. This report is available on NYSDOH's Influenza website at: <http://www.health.state.ny.us/diseases/communicable/influenza/surveillance.htm>. CDC's nationwide influenza surveillance summary for the 2006-07 season will be available at: <http://www.cdc.gov/flu/weekly/fluactivity.htm>.

CDC's Definition of Influenza Activity Levels:

Activity Level	ILI¹ activity/Outbreaks		Laboratory data
No activity	Low	And	No lab-confirmed ² cases
Sporadic	Not increased	And	Isolated lab-confirmed cases
	OR		
Local	Not increased	And	Lab-confirmed outbreak in one institution ³
	Increased ILI in one region; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI
Local	OR		
	2 or more institutional outbreaks (ILI or lab-confirmed) in one region; ILI activity in other regions is not increased	And	Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions
Regional	Increased ILI in \geq two but less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	OR		
Regional	Institutional outbreaks (ILI or lab confirmed) in \geq two and less than half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the affected regions
	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the state.
Widespread	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions	And	Recent (within the past 3 weeks) lab confirmed influenza in the state.

¹ ILI = influenza-like illness, defined as temperature \geq 100° F with cough or sore throat in the absence of a known cause other than influenza

² Lab-confirmed = positive rapid antigen test or culture

³ Institution includes nursing home, hospital, prison, school, etc.

2. NOSOCOMIAL INFLUENZA REPORTING:

Nosocomial Influenza Reports⁴ Received by NYSDOH, by Week of Report, 2006-07 Influenza Season

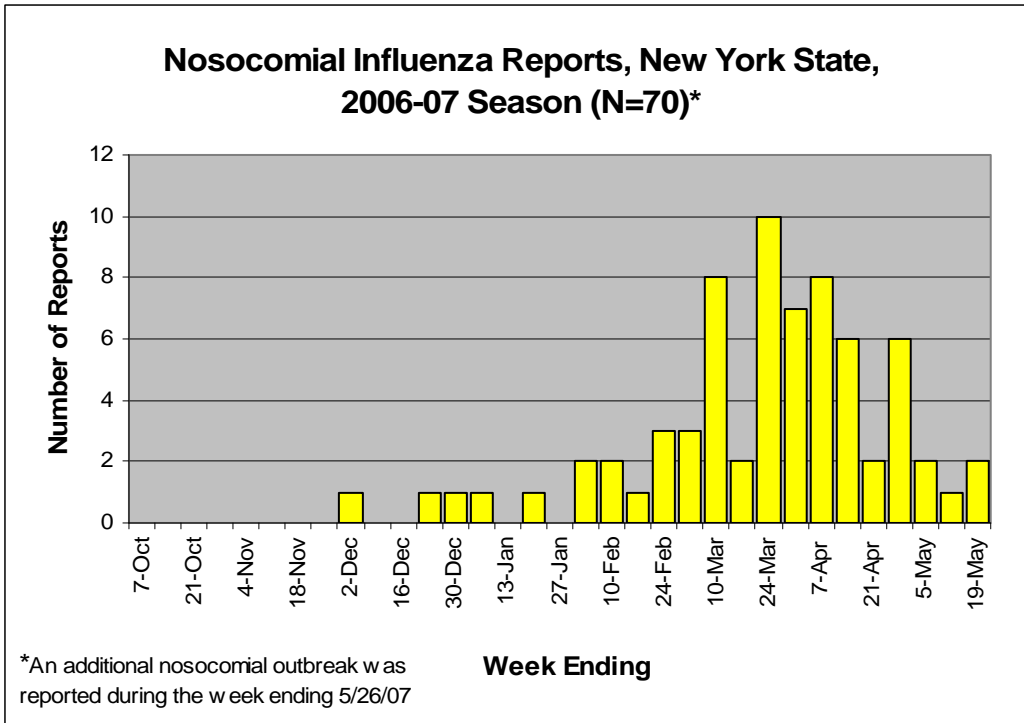
NYSDOH received reports of laboratory-confirmed nosocomial influenza activity as noted in the table below.

Week Ending	# of Nosocomial Reports Received	County of Location
October 7, 2006	0	
October 14	0	
October 21	0	
October 28	0	
November 4	0	
November 11	0	
November 18	0	
November 25	0	
December 2	1	Orange
December 9	0	
December 16	0	
December 23	2	Bronx, New York
December 30	1	Chenango
January 6, 2007	1	Saratoga
January 13	0	
January 20	1	Kings
January 27	0	
February 3	2	Kings, Nassau
February 10	2	Nassau, Queens
February 17	1	Nassau
February 24	3	Broome, Richmond, Tompkins
March 3	3	New York, Onondaga, Westchester
March 10	8	Chemung, Dutchess, Lewis, New York (2), Onondaga, St. Lawrence, Suffolk
March 17	2	Queens, Suffolk
March 24	10	Chemung, Columbia, Madison, New York (2), Oneida, Ontario, Rockland, Westchester (2)
March 31	6	Bronx, Chenango, Fulton, New York, Suffolk, Sullivan
April 7	8	Bronx, Livingston, Nassau, Onondaga (2), Orange, Oswego, Rensselaer
April 14	6	Clinton, Erie, Saratoga, Schuyler, Suffolk, Washington
April 21	2	Allegany, Jefferson
April 28	6	Broome, Franklin, Nassau, Oneida, Queens, Sullivan
May 5	2	Erie, Franklin
May 12	1	Kings
May 19	2	Bronx, Westchester
Total	70*	

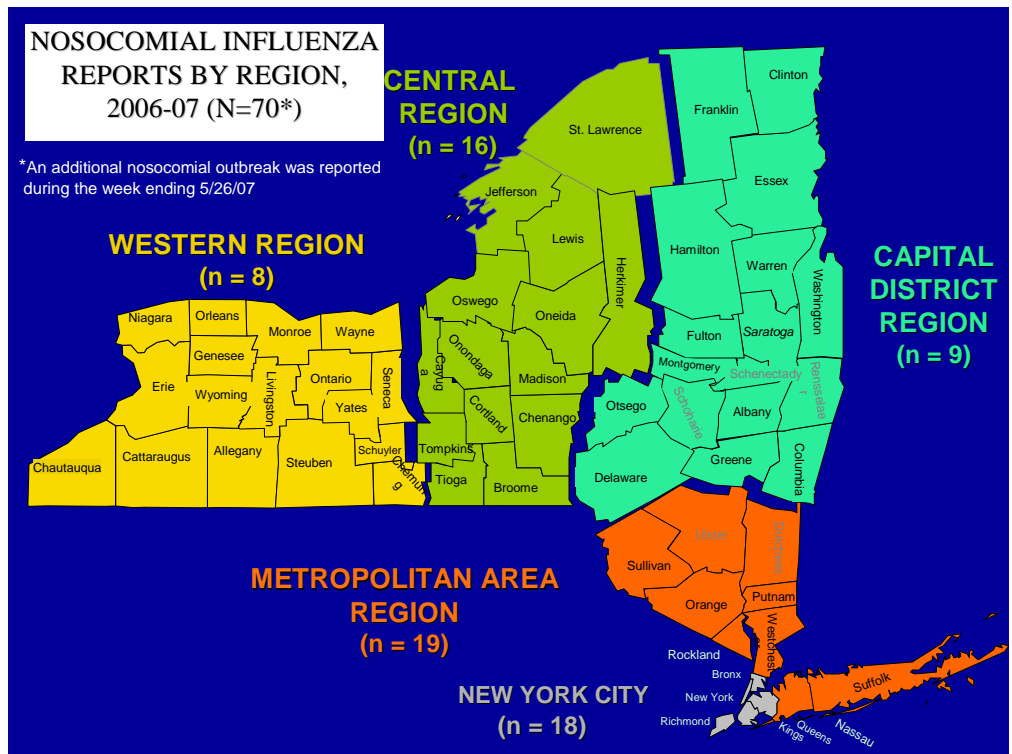
⁴ Facilities reporting one or more laboratory-confirmed nosocomial influenza cases

*An additional nosocomial outbreak was reported during the week ending 5/26/2007 (after the close of the official influenza reporting season)

**Number of Laboratory-Confirmed Nosocomial Influenza Reports,
by Week of Report, 2006-07 Influenza Season**



**Number of Laboratory-Confirmed Nosocomial Influenza Reports, by Region,
2006-07 Influenza Season**



**Nosocomial Influenza Reports⁵ Received by NYSDOH,
by County, 2006-07 Influenza Season⁶**

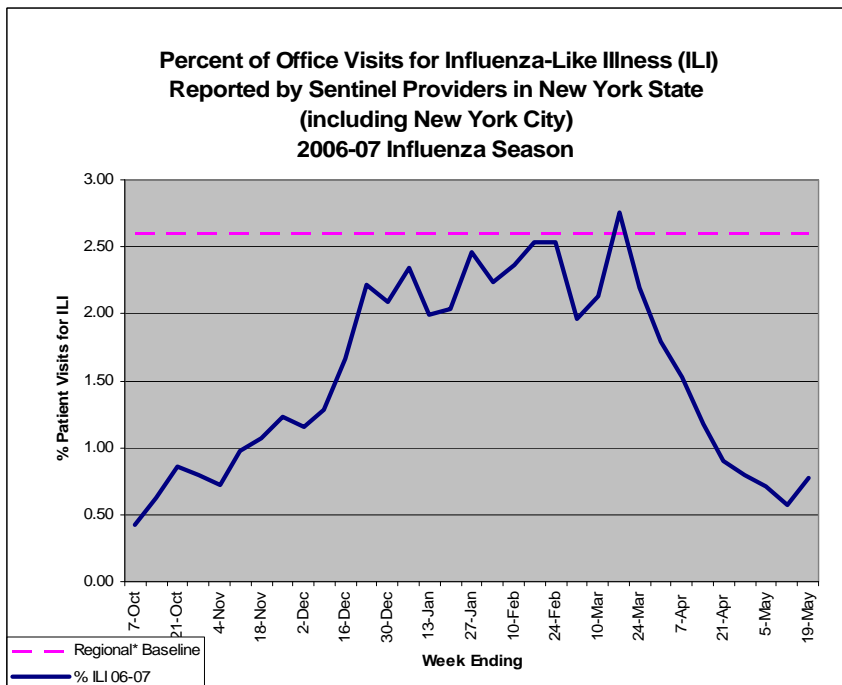
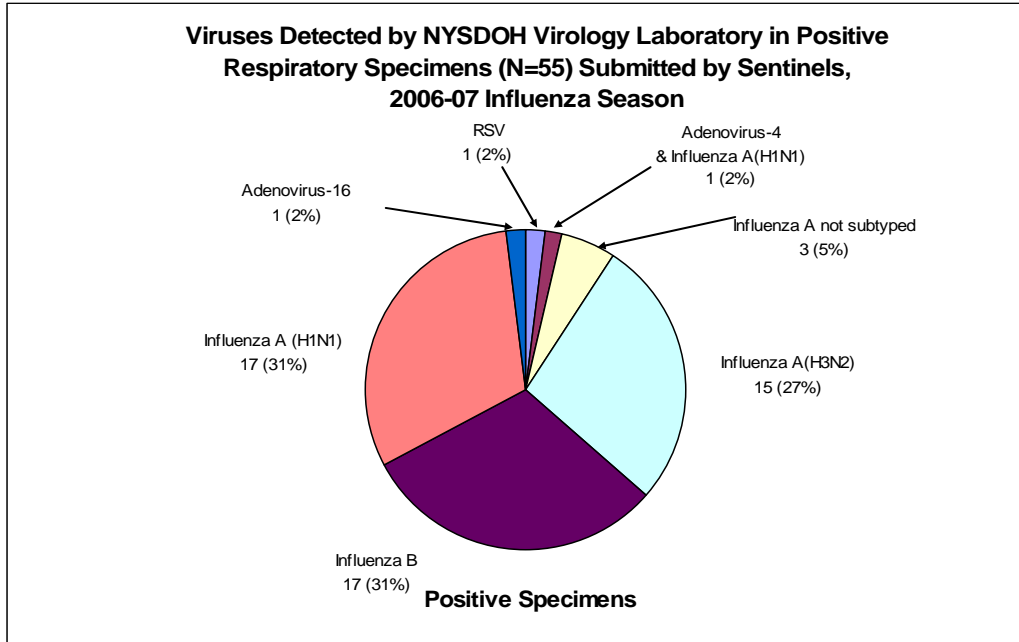
COUNTY/REGION	REPORTS RECEIVED	COUNTY/REGION	REPORTS RECEIVED
<u>Capital District Region</u>		<u>Western Region</u>	
Albany	0	Allegany	1
Clinton	1	Cattaraugus	0
Columbia	1	Chautauqua	0
Delaware	0	Chemung	2
Essex	0	Erie	2
Franklin	2	Genesee	0
Fulton	1	Livingston	1
Greene	0	Monroe	0
Hamilton	0	Niagara	0
Montgomery	0	Ontario	1
Otsego	0	Orleans	0
Rensselaer	1	Schuyler	1
Saratoga	2	Seneca	0
Schenectady	0	Steuben	0
Schoharie	0	Wayne	0
Warren	0	Wyoming	0
Washington	1	Yates	0
Region Total Nosocomial	9	Region Total Nosocomial	8
<u>Central Region</u>		<u>MARO – New Rochelle</u>	
Broome ⁶	2	Dutchess	1
Cayuga	0	Nassau	5
Chenango	2	Orange	2
Cortland	0	Putnam	0
Herkimer	0	Rockland	1
Jefferson	1	Suffolk	4
Lewis	1	Sullivan	2
Madison	1	Ulster	0
Oneida	2	Westchester	4
Onondaga	4	Region Total Nosocomial	19
Oswego	1		
St. Lawrence	1	<u>MARO – New York City</u>	
Tioga	0	Bronx	4
Tompkins	1	Kings	3
Region Total Nosocomial	16	New York	7
		Queens	3
		Richmond	1
		Region Total Nosocomial	18

⁵ Facilities reporting one or more laboratory-confirmed nosocomial influenza cases

⁶ An additional nosocomial outbreak was reported during the week ending 5/26/2007 (after the close of the official influenza reporting season)

3. SENTINEL PROVIDER SURVEILLANCE:

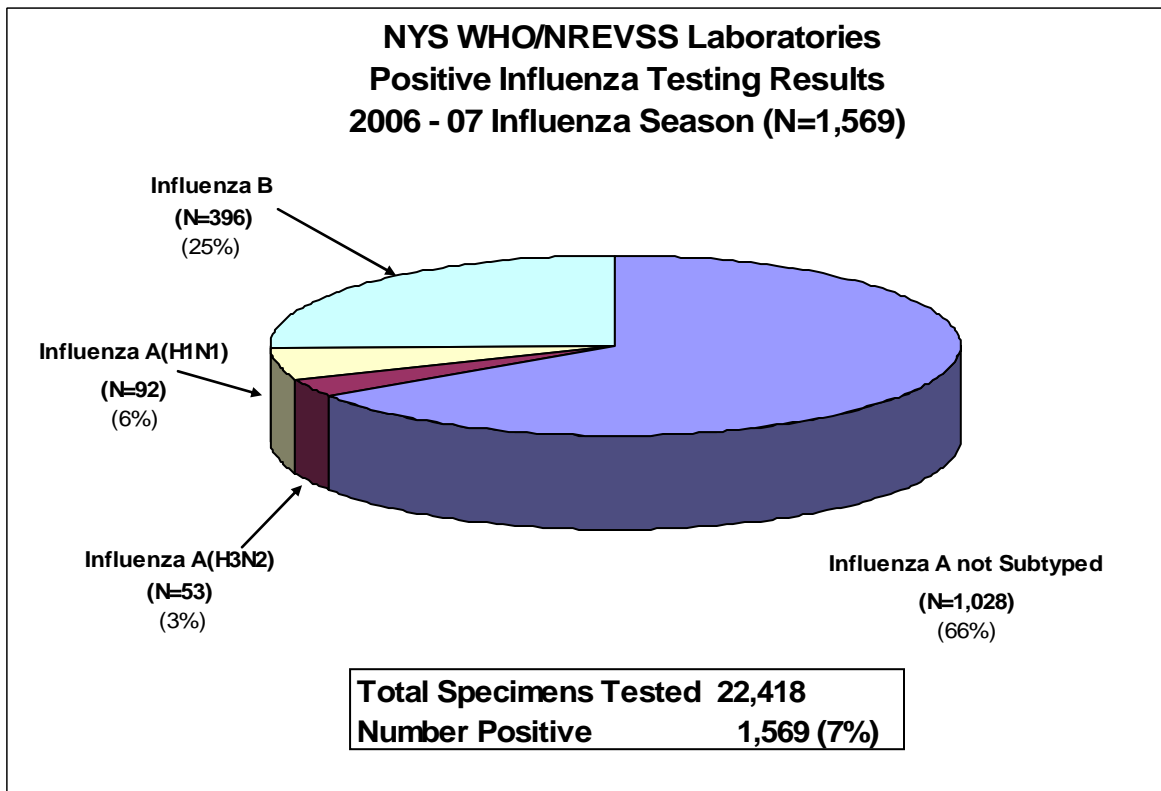
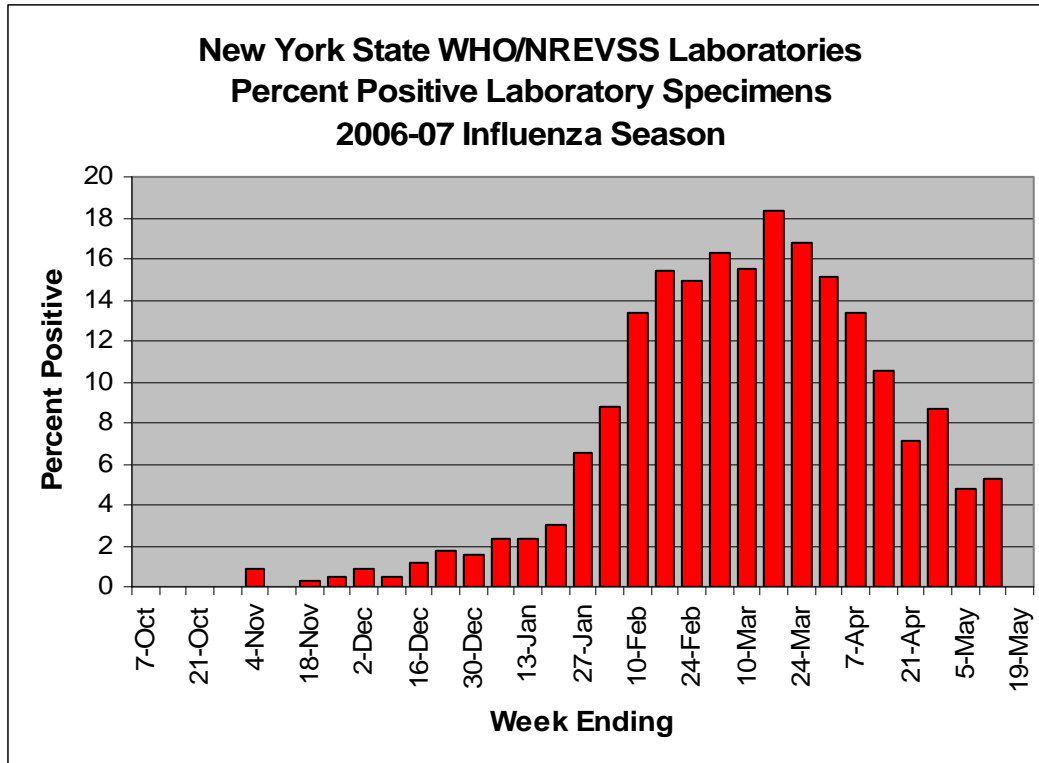
Thirty-eight (29%) of 129 New York State and New York City sentinel providers for influenza surveillance submitted 102 respiratory specimens to the NYSDOH Wadsworth Center for testing. Two specimens were positive for respiratory viruses other than influenza, as noted in the table below. Fifty-three specimens (52%) tested positive for influenza: 36 (68%) were influenza type A and 17 (32%) were influenza type B. Of the 36 influenza type A positives, 18 (50%) were A(H1N1), 15 (42%) were A(H3N2), and 3 (8%) were A, not subtyped. One influenza A(H1N1) specimen was also positive for adenovirus type 4.



**Percentages of ILI above the baseline correlate with epidemic influenza activity. Regional baseline of 2.6% has been calculated by CDC for the Mid-Atlantic Region, which includes New York State, New York City, New Jersey, and Pennsylvania.*

Additional information regarding the New York State Sentinel Provider Influenza Surveillance Program is available at: <http://www.health.state.ny.us/diseases/communicable/influenza/recruit.htm>

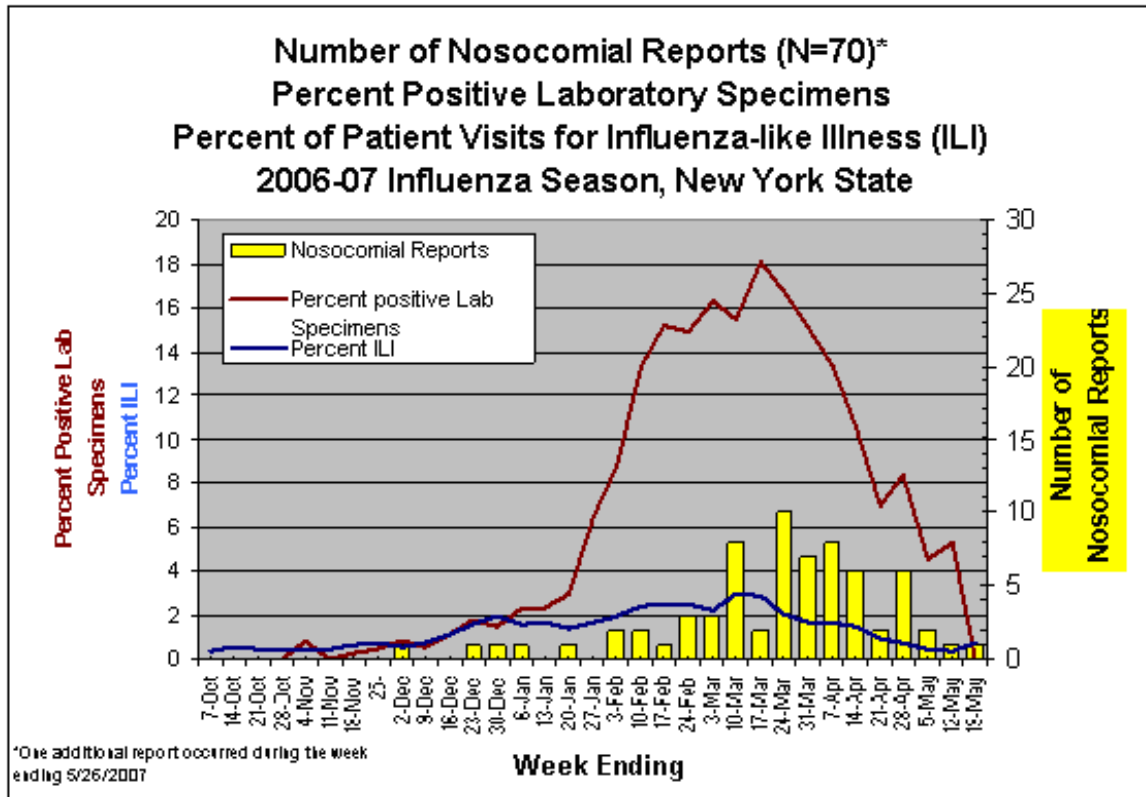
4. WHO⁷/NREVSS⁸ LABORATORY REPORTING:



⁷ World Health Organization collaborating laboratory for influenza virus surveillance

⁸ National Respiratory and Enteric Virus Surveillance System collaborating laboratory

5. COMPARISON CHART – THREE SOURCES OF INFLUENZA SURVEILLANCE:



Influenza Vaccine Components

2006-07	2007-08
A(H3N2)/Wisconsin/67/2005-like (A/Hiroshima/52/2005)*	A(H3N2) /Wisconsin/67/2005-like (A/Hiroshima/52/2005)*
A(H1N1)/New Caledonia/20/1999-like	A(H1N1) /Solomon Islands/3/2006-like
B/Malaysia/2506/2004-like (B/Ohio/1/2005)*	B/Malaysia/2506/2004-like (B/Ohio/1/2005)*

*Antigenically-equivalent virus components used by U.S. vaccine manufacturers

APPENDIX

**INFLUENZA TESTING RESULTS,
NEW YORK STATE W.H.O. AND NREVSS LABORATORIES,
INFLUENZA SEASON 2006-07
(# positive for influenza / # specimens tested)**

Week Ending	Albany	Buffalo Lab A	Buffalo Lab B	Rochester Lab A	Rochester Lab B	Westchester	Bronx	Brooklyn Lab A	Brooklyn Lab B	Manhattan Lab A	Manhattan Lab B	L.I. Lab A	L. I. Lab B	Total	Percent Positive
Oct 7, 2006	0/4	0/52	0/11	0/37	0/5	0/12	0/0	0/1	0/9	0/80	0/40	0/12	0/59	0/322	0
Oct 14	0/10	0/65	0/4	0/26	0/0	0/21	0/3	0/6	0/13	0/85	0/31	0/11	0/81	0/356	0
Oct 21	0/7	0/54	0/5	0/46	0/3	0/22	0/1	0/8	0/21	0/78	0/28	0/24	0/89	0/386	0
Oct 28	0/13	0/73	0/11	0/31	0/4	0/15	0/3	0/13	0/19	0/105	0/27	0/8	0/81	0/403	0
Nov 4	0/10	0/81	0/8	4/72	0/4	0/21	0/2	0/12	0/13	0/121	0/38	0/11	0/91	4/484	0.83
Nov 11	0/16	0/94	0/7	0/66	0/28	0/22	0/0	0/11	0/6	0/109	0/70	0/3	0/122	0/554	0
Nov 18	1/17	0/134	0/10	0/56	0/25	0/39	0/5	0/19	0/13	0/138	0/57	0/2	1/140	2/655	0.31
Nov 25	0/14	0/127	0/5	0/57	2/18	0/40	0/2	0/19	0/4	0/151	0/51	0/12	1/150	3/650	0.46
Dec 2	0/11	0/173	2/16	1/81	3/43	0/47	0/3	0/8	1/15	0/162	0/74	0/8	0/203	7/844	0.83
Dec 9	1/17	0/139	0/13	0/77	1/30	1/50	0/1	0/11	1/15	0/139	0/68	0/23	0/193	4/776	0.52
Dec 16	2/13	1/151	0/7	2/91	0/44	0/27	0/1	0/8	0/20	1/137	0/74	0/25	3/195	9/793	1.13
Dec 23	5/20	4/170	0/9	1/85	1/46	0/44	0/3	0/11	0/23	1/142	1/83	0/35	3/224	16/895	1.79
Dec 30	2/18	2/128	0/18	3/92	1/40	0/61	1/3	0/6	0/15	1/154	1/74	0/28	2/215	13/852	1.53
Jan 6, 2007	3/20	1/212	0/23	7/116	3/50	0/59	0/3	0/13	0/13	1/110	2/79	0/29	5/219	22/946	2.33
Jan 13	8/22	1/157	0/26	3/117	1/53	0/60	0/4	1/14	0/5	0/104	1/88	1/32	5/215	21/897	2.34
Jan 20	7/19	1/158	0/13	2/83	0/35	1/34	0/1	0/11	0/10	1/103	3/90	0/21	8/195	23/773	2.98
Jan 27	14/21	1/143	0/6	3/98	1/41	1/24	0/1	1/9	0/3	3/131	4/62	1/30	21/202	50/771	6.49
Feb 3	11/22	3/129	1/16	7/79	0/8	5/44	1/3	1/12	1/22	8/125	4/54	0/19	22/199	64/732	8.74
Feb 10	23/37	7/129	0/6	15/88	2/33	2/35	0/6	1/9	5/19	6/112	3/53	2/33	42/250	108/810	13.33
Feb 17	26/37	5/150	1/14	10/76	4/27	3/45	0/8	2/8	3/15	9/137	5/48	0/16	59/244	127/825	15.39
Feb 24	6/12	6/105	0/11	10/85	2/29	3/32	1/12	*	3/16	16/135	7/49	0/26	63/273	117/785	14.90
Mar 3	15/20	15/127	0/10	20/104	3/19	1/54	1/9	2/9	2/24	10/140	4/55	3/27	65/268	141/866	16.28
Mar 10	11/17	14/132	0/12	3/61	2/24	5/40	0/6	1/8	1/10	6/122	10/46	3/20	57/232	113/730	15.48
Mar 17	13/15	19/155	3/11	12/75	3/30	5/37	1/4	0/4	0/8	13/115	9/47	1/22	57/220	136/743	18.30
Mar 24	9/18	31/176	0/13	9/65	5/31	10/49	1/6	0/3	0/8	11/165	9/48	1/24	57/245	143/851	16.80
Mar 31	10/14	18/159	0/11	15/61	4/37	2/35	2/8	1/5	0/9	11/162	10/47	3/38	44/210	120/796	15.08
Apr 7	2/8	15/153	0/1	16/74	9/33	9/45	0/5	*	1/7	7/161	9/55	1/20	40/256	109/818	13.33
Apr 14	13/23	12/164	0/14	13/81	6/32	0/28	0/11	*	1/8	8/147	5/40	0/26	24/201	82/775	10.58
Apr 21	3/7	1/67	*	10/89	0/10	0/27	0/7	*	1/14	3/119	1/49	0/8	21/162	40/559	7.16
Apr 28	5/20	1/89	0/9	6/79	3/13	2/4	0/6	*	0/3	2/99	3/39	0/19	26/173	48/553	8.68
May 5	2/20	1/59	0/7	7/69	0/6	0/13	0/6	0/0	1/9	3/78	1/28	0/19	6/124	21/438	4.79
May 12	1/13	4/60	0/10	9/55	0/10	1/5	0/7	1/16	0/0	1/97	0/13	0/17	4/96	21/399	5.26
May 19	0/3	0/51	0/9	2/65	0/5	0/17	0/7	*	0/3	2/82	1/31	0/14	0/91	5/378	0.01

*Data not available