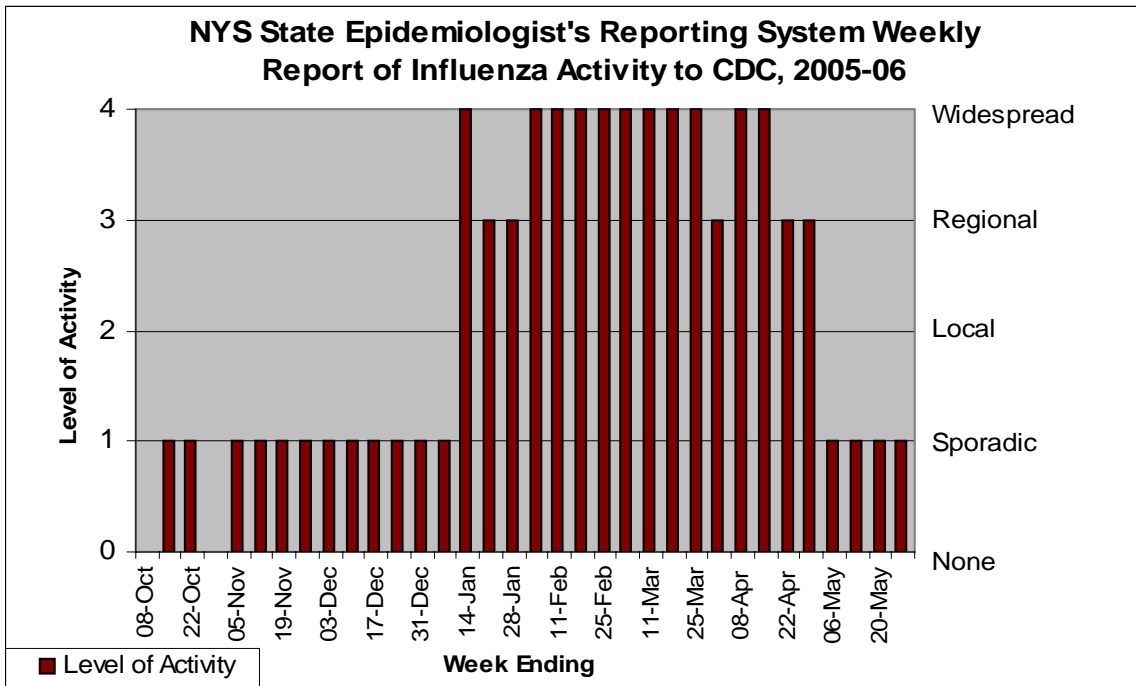


**NEW YORK STATE DEPARTMENT OF HEALTH
BUREAU OF COMMUNICABLE DISEASE CONTROL
REGIONAL EPIDEMIOLOGY PROGRAM**

**STATEWIDE SUMMARY
2005-06 INFLUENZA SEASON**

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

2005 – 06 Season's Activity



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, 2005-06 Influenza Season

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

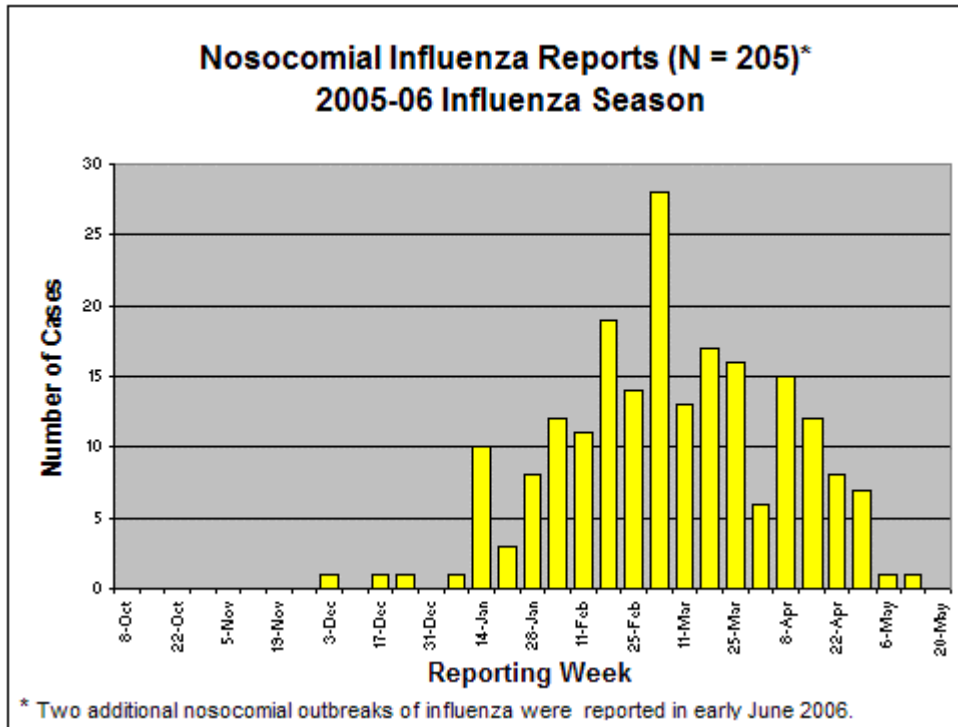
Week Ending	# of Nosocomial Reports Received	County of Location
May 27, 2006	none	
May 20	none	
May 13	1	Montgomery
May 6	1	Broome
April 29	7	Columbia, New York, Onondaga, Saratoga, Suffolk, Westchester, Yates
April 22	8	Albany, Monroe, Onondaga (2), Suffolk, Tompkins, Wayne, Westchester
April 15	12	Chautauqua, Columbia, Erie, Monroe, Oneida, Onondaga, Orange (2), Rensselaer, Richmond, Schenectady, Schuyler
April 8	15	Broome, Erie, Franklin, Herkimer, Monroe (3), New York, Niagara, Onondaga (2), Rensselaer, Suffolk (2), Wayne
April 1	6	Fulton, Herkimer, New York, Onondaga (2), Suffolk
March 25	16	Cayuga, Chautauqua, Dutchess, Erie (3), Monroe, Montgomery, New York, Niagara, Oneida, Oswego, Queens, Schenectady (2), Westchester
March 18	17	Albany, Bronx, Broome (2), Chautauqua, Chemung (2), Delaware, Erie, Monroe, Nassau, New York, Niagara, Queens (2), Schenectady, Suffolk
March 11	13	Broome, Dutchess, Erie (2), Jefferson, Monroe, New York, Orange, Saratoga, Steuben, Suffolk Westchester (2)
March 4	28	Bronx, Broome (2), Chenango, Cortland, Dutchess, Kings, Madison, Monroe (2), Montgomery, Nassau (2), New York (2), Oneida, Onondaga (2), Ontario, Orange, Richmond, Suffolk (4), Ulster, Westchester (2)
February 25	14	Bronx (2), Chautauqua, Kings (2), New York, Otsego, Queens, Richmond (2), Saratoga, Schenectady, Seneca, Suffolk
February 18	19	Bronx, Broome (2), Columbia, Dutchess, Erie, Herkimer, Kings, Nassau (2), New York (2), Onondaga (2), Ontario, Putnam, Ulster, Wayne, Yates
February 11	11	Allegany, Broome (2), Kings, Nassau, New York, Ontario, Queens, Rensselaer, Suffolk, Ulster

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

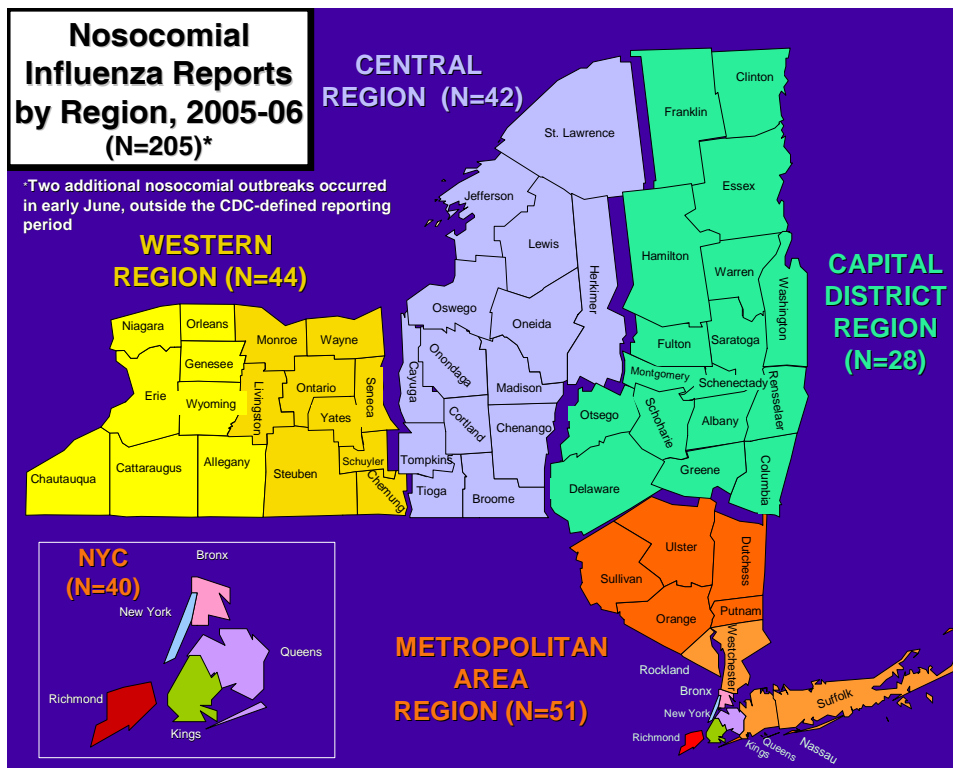
February 4	12	Broome, Columbia (2), Erie, Kings, Livingston, Nassau, Queens (2), Rensselaer, Westchester, Yates
January 28	8	Bronx (2), Kings (2), Nassau, New York, St. Lawrence, Suffolk
January 21	3	Bronx, Broome, Schoharie
January 14	10	Chautauqua, Delaware, Nassau, New York (2), Oneida, Onondaga, Queens, Suffolk (2)
January 7	1	Ulster
December 31, 2005	none	
December 24	1	Schoharie
December 17	1	Rockland
December 10	none	
December 3	1	Nassau
November 26	none	
November 19	none	
November 12	none	
November 5	none	
October 29	none	
October 22	none	
October 15	none	
October 8	none	
Total	205*	

*There were two additional laboratory-confirmed nosocomial influenza outbreaks reported outside the CDC-defined influenza reporting period of October 8, 2005 to May 20, 2006. Both outbreaks occurred in early June 2006.

Number of Laboratory-Confirmed Nosocomial Influenza Reports, by Week of Report



Number of Laboratory-Confirmed Nosocomial Influenza Reports, by Region



**Nosocomial Influenza Reports⁵ Received by NYSDOH,
by County, 2005-06 Influenza Season⁶**

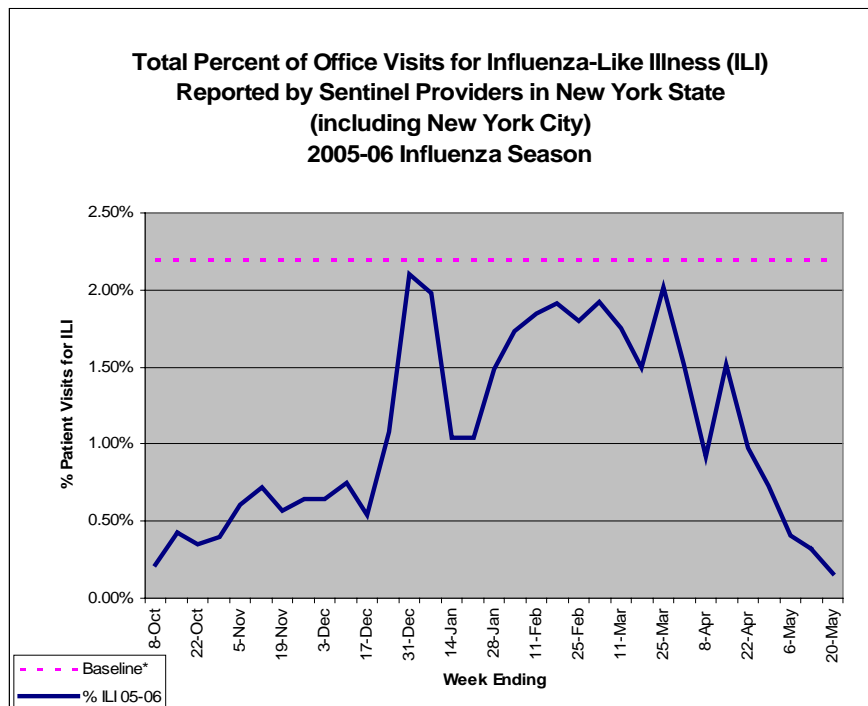
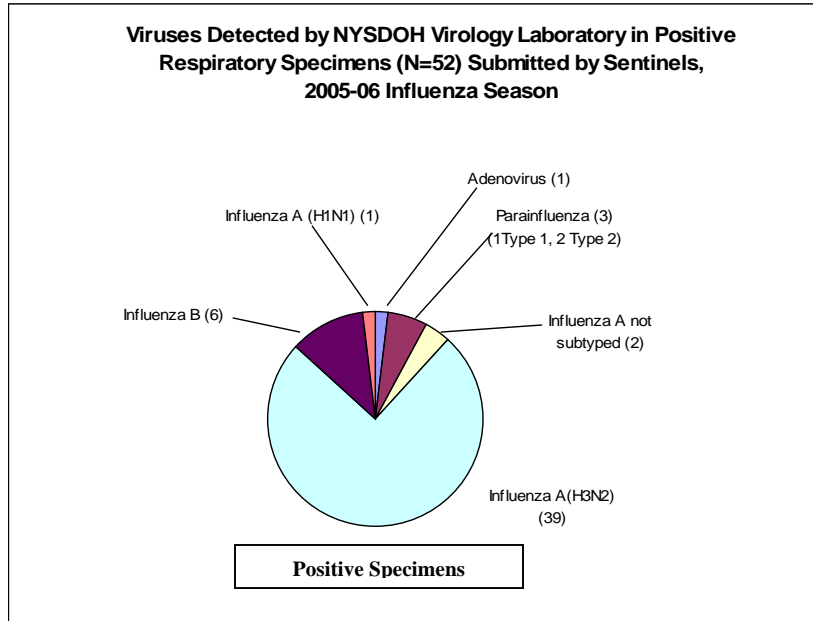
COUNTY/REGION	REPORTS RECEIVED	COUNTY/REGION	REPORTS RECEIVED
<u>Capital District Region</u>		<u>Western Region</u>	
Albany	1	Allegany	2
Clinton	0	Cattaraugus	0
Columbia	5	Chautauqua	5
Delaware	2	Chemung	2
Essex	0	Erie	9
Franklin	1	Genesee	0
Fulton	1	Livingston	1
Greene	0	Monroe	10
Hamilton	0	Niagara	3
Montgomery	3	Ontario	3
Otsego	1	Orleans	0
Rensselaer	4	Schuyler	1
Saratoga	4	Seneca	1
Schenectady	5	Steuben	1
Schoharie	1	Wayne	3
Warren	0	Wyoming	0
Washington	0	Yates	3
Region Total Nosocomial	28	Region Total Nosocomial	44
<u>Central Region</u>		<u>MARO – New Rochelle</u>	
Broome	14	Dutchess	4
Cayuga	1	Nassau	11
Chenango	1	Orange	4
Cortland	1	Putnam	1
Herkimer	3	Rockland	1
Jefferson	1	Suffolk	19
Lewis	0	Sullivan	0
Madison	1	Ulster	4
Oneida	4	Westchester	7
Onondaga	13	Region Total Nosocomial	51
Oswego	1		
St. Lawrence	1	<u>MARO – New York City</u>	
Tioga	0	Bronx	7
Tompkins	1	Kings	7
Region Total Nosocomial	42	New York	15
		Queens	8
		Richmond	3
		Region Total Nosocomial	40

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

⁶ There were two additional laboratory-confirmed nosocomial outbreaks reported outside the CDC-defined influenza reporting period of October 8, 2005 to May 20, 2006. Both outbreaks occurred in early June 2006.

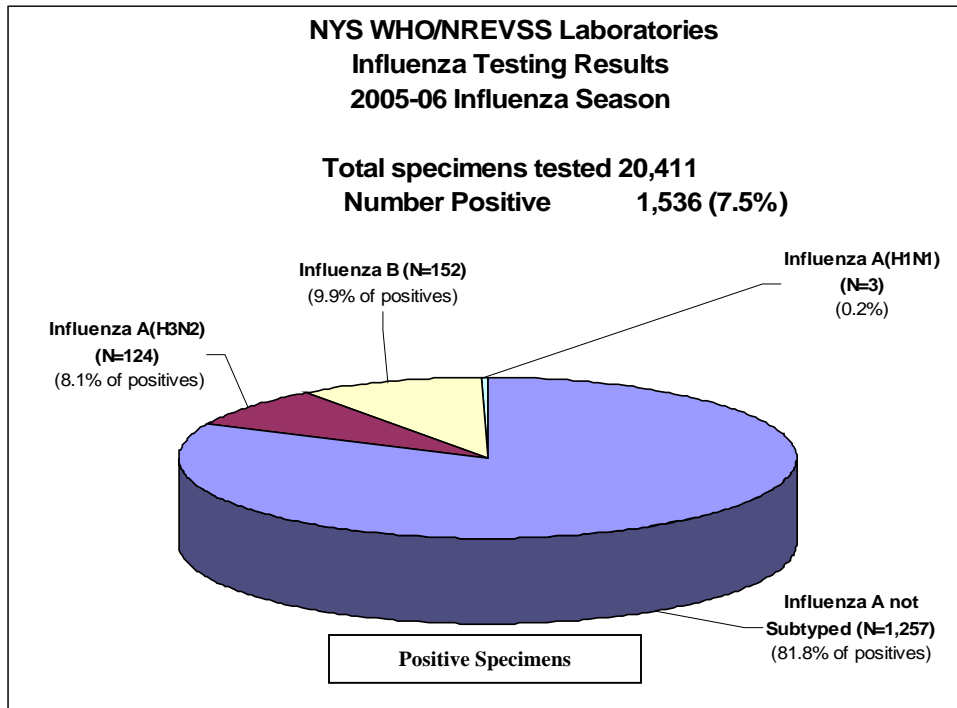
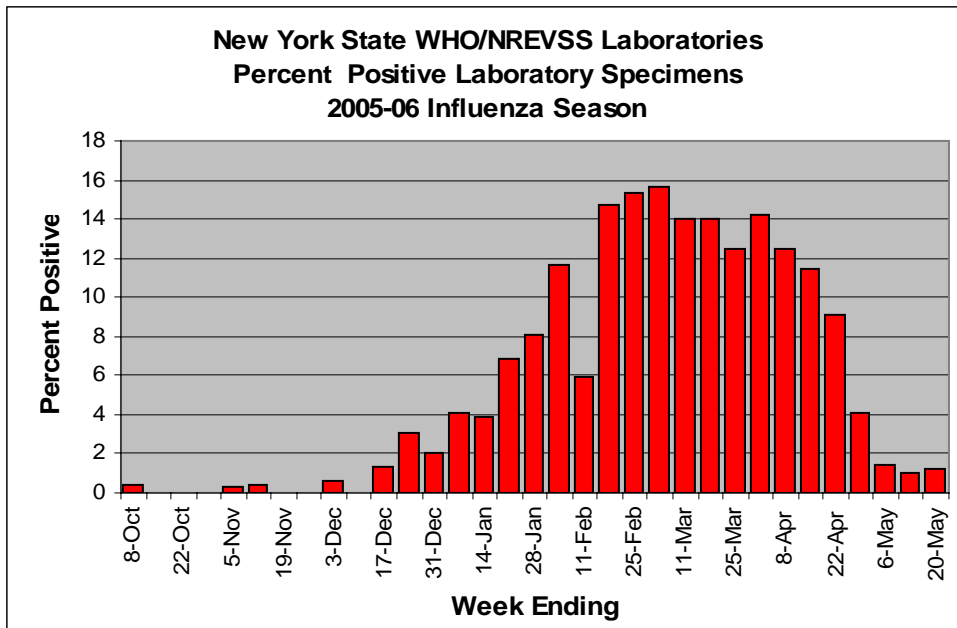
3. SENTINEL PROVIDER SURVEILLANCE:

Thirty-seven (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. Four specimens were positive for respiratory viruses other than influenza, as noted in the table below. Forty-eight specimens (47%) tested positive for influenza. Of the positive influenza specimens, 42 (88%) were influenza A [39 of these were subtyped as A(H3N2)], and 6 (12%) were influenza B. Forty-eight specimens were negative. Two specimens were not able to be tested.



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

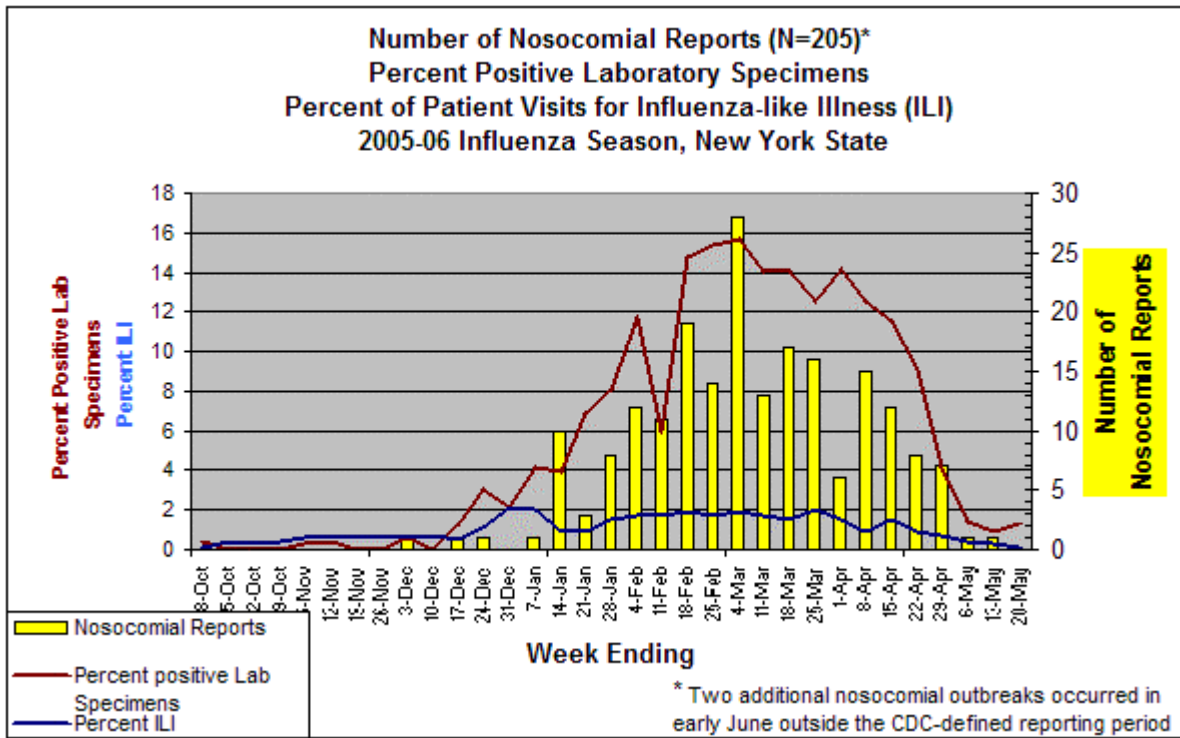
4. WHO⁷/NREVSS⁸ LABORATORY REPORTING:



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:



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.nyhealth.gov/diseases/communicable/influenza/surveillance.htm> CDC's nationwide influenza surveillance summary for the 2005-06 season is available at: <http://www.cdc.gov/flu/weekly/weeklyarchives2005-2006/05-06summary.htm>

Influenza Vaccine Components

2005-06	2006-07
A(H3N2)/California/7/2004-like (A/New York/55/2004)*	A(H3N2)/Wisconsin/67/2005-like (A/Hiroshima/52/2005)*
A(H1N1)/New Caledonia/20/1999-like	A(H1N1)/New Caledonia/20/1999-like
B/Shanghai/361/2002-like (B/Jiangsu/10/2003)*	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 2005-06
(# 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. 8, 2005	0/1	0/32	0/5	0/32	0/5	0/15	0/2	0/9	1/13	0/80	0/22	0/17	0/22	1/255	0.39
Oct 15	0/2	0/26	0/6	0/40	0/4	0/10	0/2	0/12	0/19	0/76	0/27	0/41	0/58	0/323	0
Oct. 22	0/11	0/49	0/3	0/38	0/4	0/18	0/2	0/14	0/18	0/85	0/23	0/42	0/49	0/356	0
Oct. 29	0/5	0/39	0/5	0/37	0/9	0/11	0/3	0/10	0/10	0/91	0/34	0/12	0/56	0/322	0
Nov. 5	0/1	0/51	0/9	0/36	1/6	0/22	0/2	0/11	0/14	0/73	0/31	0/19	0/72	1/347	0.29
Nov.12	2/9	0/68	0/12	0/51	0/11	0/15	0/5	0/12	0/26	0/102	0/56	0/12	0/95	2/474	0.42
Nov.19	0/5	0/79	0/9	0/55	0/9	0/15	0/4	0/12	0/23	0/95	0/52	0/19	0/80	0/457	0
Nov.26	0/1	0/38	0/10	0/60	0/13	0/19	0/4	0/7	0/23	0/101	0/52	0/13	0/0	0/341	0
Dec. 3	1/4	0/49	1/13	0/62	0/11	0/18	0/7	0/10	0/21	0/119	0/57	0/19	1/126	3/516	0.58
Dec.10	0/10	0/77	0/8	0/64	0/20	0/29	0/3	0/14	0/34	0/106	0/54	0/49	0/117	0/585	0
Dec.17	0/10	0/77	0/10	0/60	0/15	3/38	0/3	0/13	0/24	3/130	0/55	0/22	2/149	8/606	1.32
Dec.24	3/8	0/92	0/11	4/74	0/18	2/27	0/1	0/18	1/32	3/127	0/65	0/22	7/155	20/650	3.08
Dec.31	2/7	0/131	0/22	5/106	1/40	0/52	0/4	1/7	0/37	2/114	0/64	0/22	5/161	16/767	2.09
Jan. 7, 2006	6/21	0/73	1/7	4/126	0/31	3/41	0/5	0/13	0/26	4/155	1/66	0/23	13/192	32/779	4.11
Jan. 14	7/18	0/112	0/15	1/93	1/29	0/28	1/13	0/13	1/31	3/165	4/62	0/24	13/189	31/790	3.92
Jan. 21	2/6	1/103	0/13	5/91	0/17	0/18	0/10	1/22	0/34	5/149	9/54	0/25	28/180	51/739	6.90
Jan. 28	2/3	1/103	0/9	3/88	0/5	2/17	0/7	5/22	9/43	11/141	9/81	0/21	19/201	61/752	8.11
Feb. 4	2/4	3/110	0/26	12/110	0/30	1/44	0/11	10/36	6/33	16/170	12/71	0/29	44/232	106/906	11.70
Feb.11	7/13	5/143	0/20	15/136	0/24	8/48	0/8	2/24	4/36	11/197	8/86	0/21	0/253	60/1009	5.95
Feb.18	16/34	13/158	0/23	14/140	2/33	5/33	0/5	1/19	2/25	22/203	7/16	0/29	61/250	143/968	14.77
Feb.25	7/14	8/119	1/19	16/115	3/19	9/49	2/13	3/10	0/18	20/223	15/97	1/32	68/266	153/994	15.39
Mar. 4	10/13	6/160	2/14	26/125	2/23	15/59	0/7	*	0/28	17/191	18/81	0/33	66/301	162/1035	15.65
Mar.11	9/14	23/171	2/18	21/100	1/18	2/69	1/3	2/5	2/27	12/167	8/83	1/21	47/237	131/933	14.04
Mar.18	10/13	23/167	7/26	26/120	4/20	7/52	0/5	*	1/19	9/162	6/59	4/25	23/188	120/856	14.02
Mar.25	7/20	32/142	6/24	30/117	7/29	2/31	0/2	*	0/14	3/152	7/47	2/17	0/173	96/768	12.50
Apr. 1	6/11	18/118	2/25	33/125	7/27	0/26	0/3	*	2/13	3/125	4/53	2/23	27/184	104/733	14.19
Apr. 8	1/2	18/146	5/26	27/133	5/21	2/31	0/2	*	0/11	3/87	3/9	0/14	20/175	84/671	12.52
Apr.15	1/2	8/110	3/17	18/129	5/26	2/31	0/0	*	1/11	5/106	6/45	2/24	19/109	70/610	11.48
Apr.22	2/7	9/103	2/11	12/75	1/13	6/31	0/4	*	0/13	5/105	2/74	4/22	11/137	54/595	9.08
Apr.29	0/4	3/56	0/11	7/81	0/8	1/19	0/1	*	0/8	0/69	0/36	2/28	3/69	16/390	4.10
May 6	3/9	0/47	0/12	1/33	0/12	0/12	0/4	*	0/7	0/83	0/48	0/15	1/67	5/349	1.43
May13	1/5	0/55	0/17	0/33	0/17	0/7	0/0	*	0/8	2/64	0/39	0/9	0/44	3/298	1.01
May20	1/6	0/28	0/8	0/29	0/0	0/6	0/12	*	0/3	0/70	0/29	0/2	2/44	3/237	1.27

*Data not available