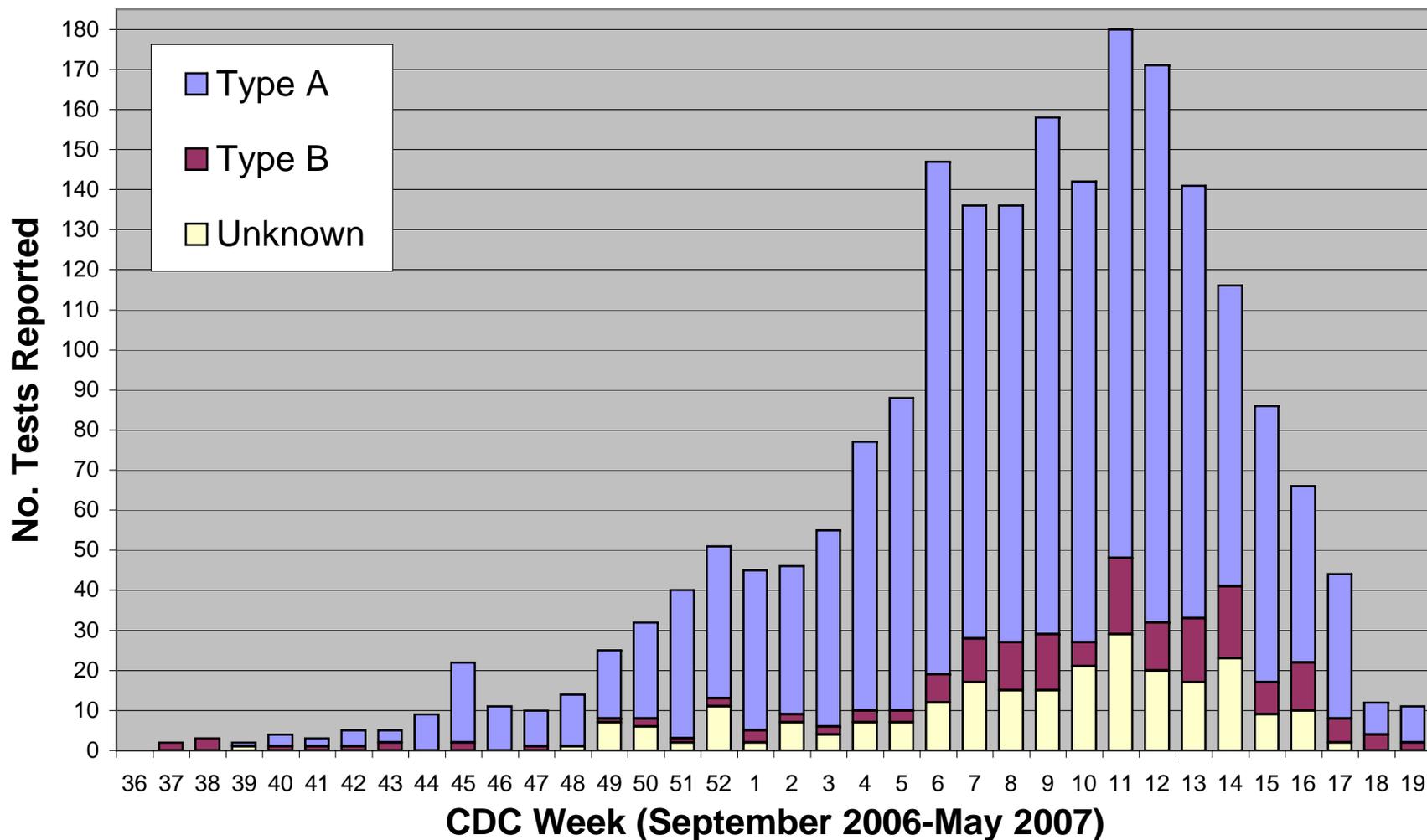


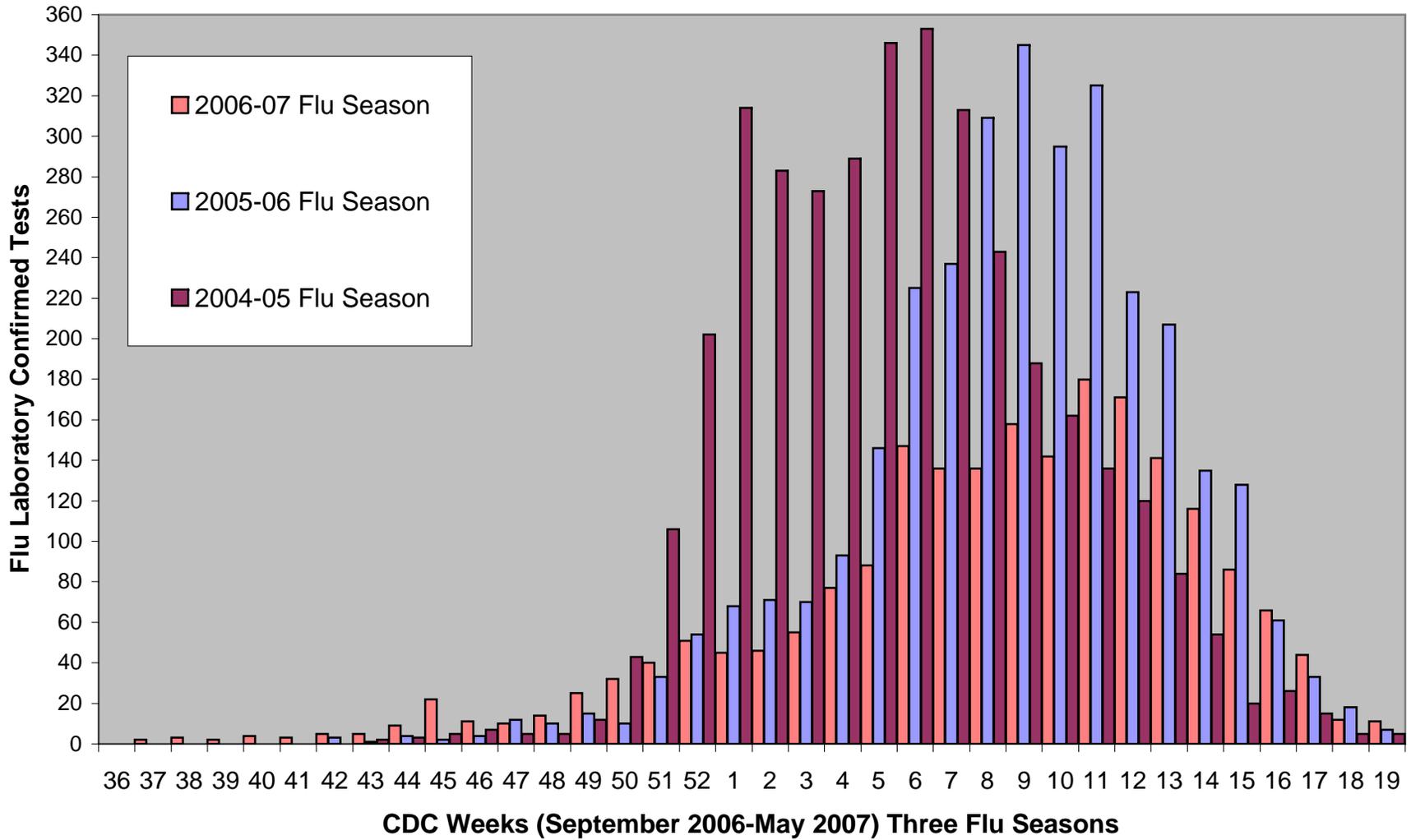
**Connecticut Department of Public Health
2006 – 2007 Laboratory Confirmed Influenza Testing
Weekly Report # 32 (Friday May 18, 2007)**

2006-07 Influenza Season Totals: (The official CDC Influenza Season started on October 1, 2006)		Previous		<i>New</i>	New Totals		
		<i>Sept.</i>	<i>Oct.-May</i>				
		7	2,074	14	2,095		
By Test:	CULTURE	2	144	5	151		
	RAPID TEST	5	1,930	9	1,944		
By Flu Type:	TYPE A	1	1,659	11	1,671		
	TYPE B	5	171	3	179		
	UNKNOWN	1	244	0	245		
By County:	FAIRFIELD	5	668	6	679		
	HARTFORD	0	212	1	213		
	LITCHFIELD	0	85	0	85		
	MIDDLESEX	0	205	2	207		
	NEW HAVEN	1	738	4	743		
	NEW LONDON	0	74	0	74		
	TOLLAND	0	50	0	50		
	WINDHAM	1	42	1	44		
By Gender:	FEMALE	3	1,077	6	1,086		
	MALE	4	997	8	1,009		
Age:	Previous		<i>New</i>	Totals	Week	Dates	Totals
	<i>Sept</i>	<i>Oct-May</i>			52	Dec. 24-30	51
0-4	5	325	1	331	1	Dec. 31-Jan. 6	45
5-24	1	707	2	710	2	Jan. 7-13, 2007	46
25-64	0	728	7	735	3	January 14-20	55
≥65	1	314	4	319	4	January 21-27	77
Min. Age: <1, Max: 99, Aver. Age: 31.4					5	Jan. 28-Feb. 3	88
Week	Dates		Totals	Week	Dates	Totals	
37	Sept. 10-16, 2006		2	7	February 11-17	136	
38	Sept. 17-23		3	8	February 18-24	136	
39	Sept. 24-30		2	9	Feb. 25-March 3	158	
40	October 1-7		4	10	March 4-10	142	
41	October 8-14		3	11	March 11-17	180	
42	October 15-21		5	12	March 18-24	171	
43	October 22-28		5	13	March 25-31	141	
44	Oct. 29-Nov. 4		9	14	April 1-7	116	
45	November 5-11		22	15	April 8-14	86	
46	Nov. 12-18		11	16	April 15-21	66	
47	Nov. 19-25		10	17	April 22-28	44	
48	Nov. 26-Dec. 2		14	18	April 29-May 5	12	
49	December 3-9		25	19	May 6-12	11	
50	Dec. 10-16		32	20	May 13-19		
51	Dec. 17-23		40	21	May 20-26		

**Figure 1. 2006-07 Influenza Season:
Laboratory Confirmed Tests by Flu Type**



**Figure 2. 2006-07, 2005-06, and 2004-05
Influenza Seasons: Laboratory Confirmed Tests (LCT)**



**Figure 3. Number of Specimens Tested by the Connecticut DPH Laboratory for Influenza & % Positive by CDC Report Week
Week Ending May 12, 2007 -- Week 19**

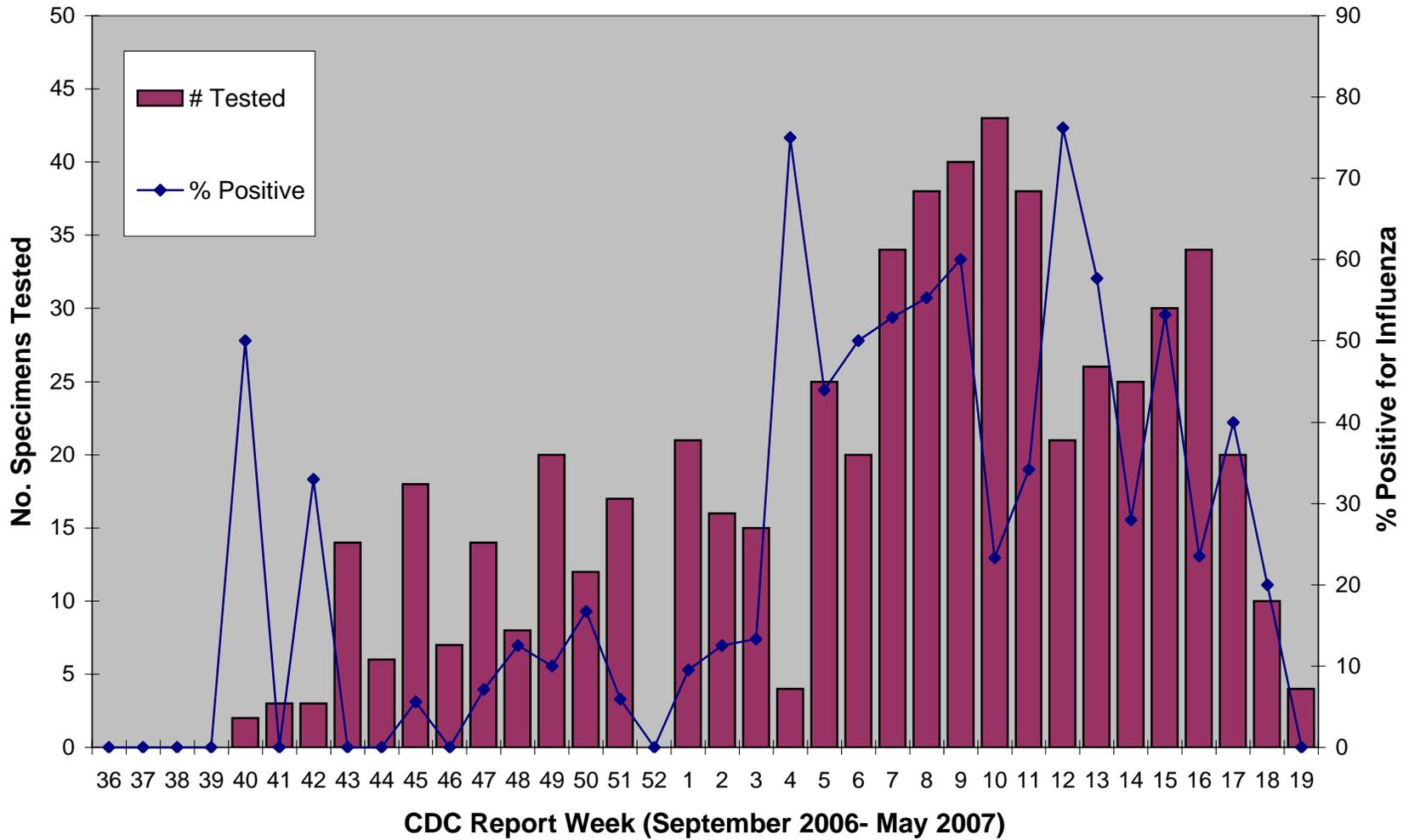


Figure 4. Hospital Admissions Syndromic Surveillance (HASS) System, Statewide Pneumonia Admissions; 2006-07 & 2005-06

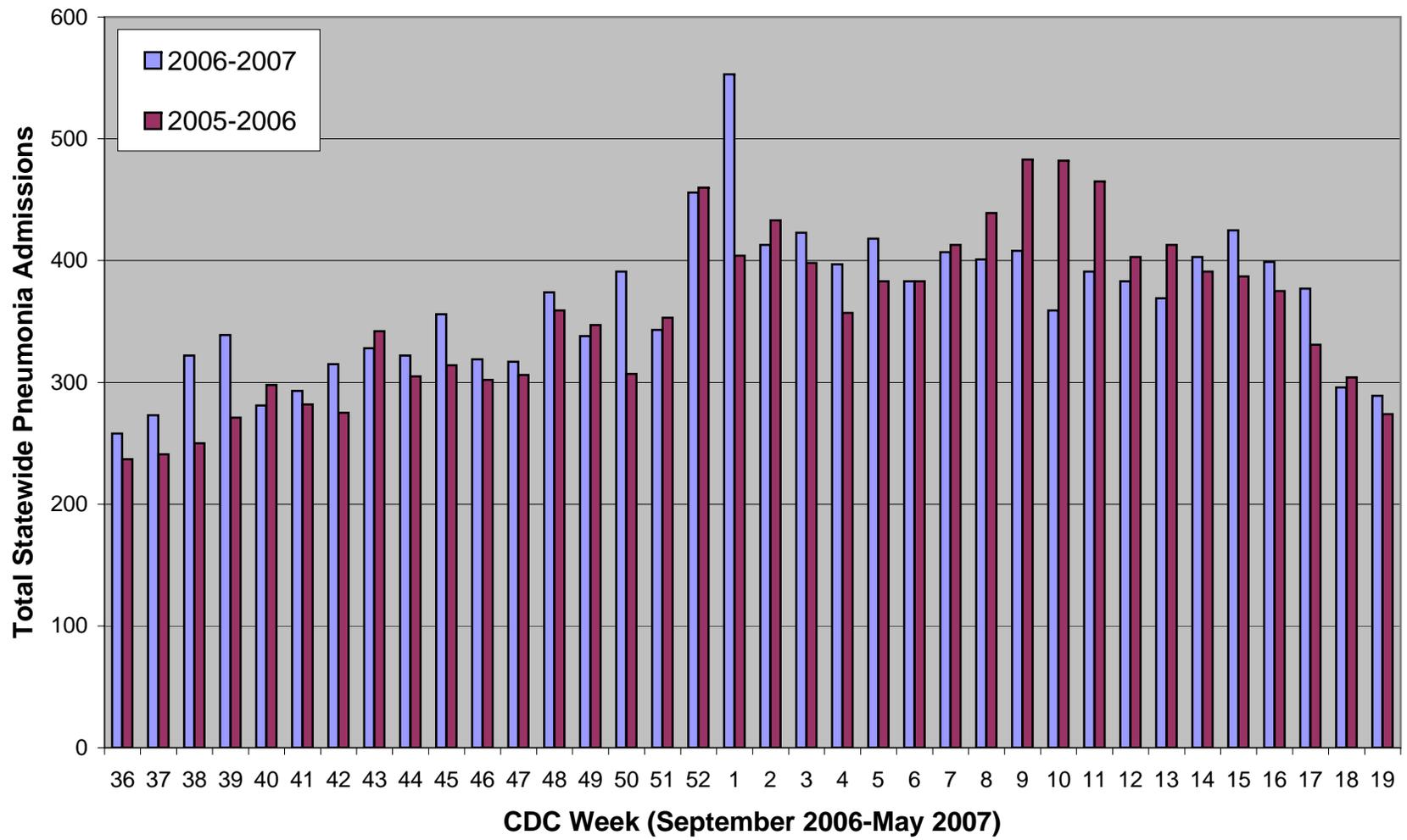
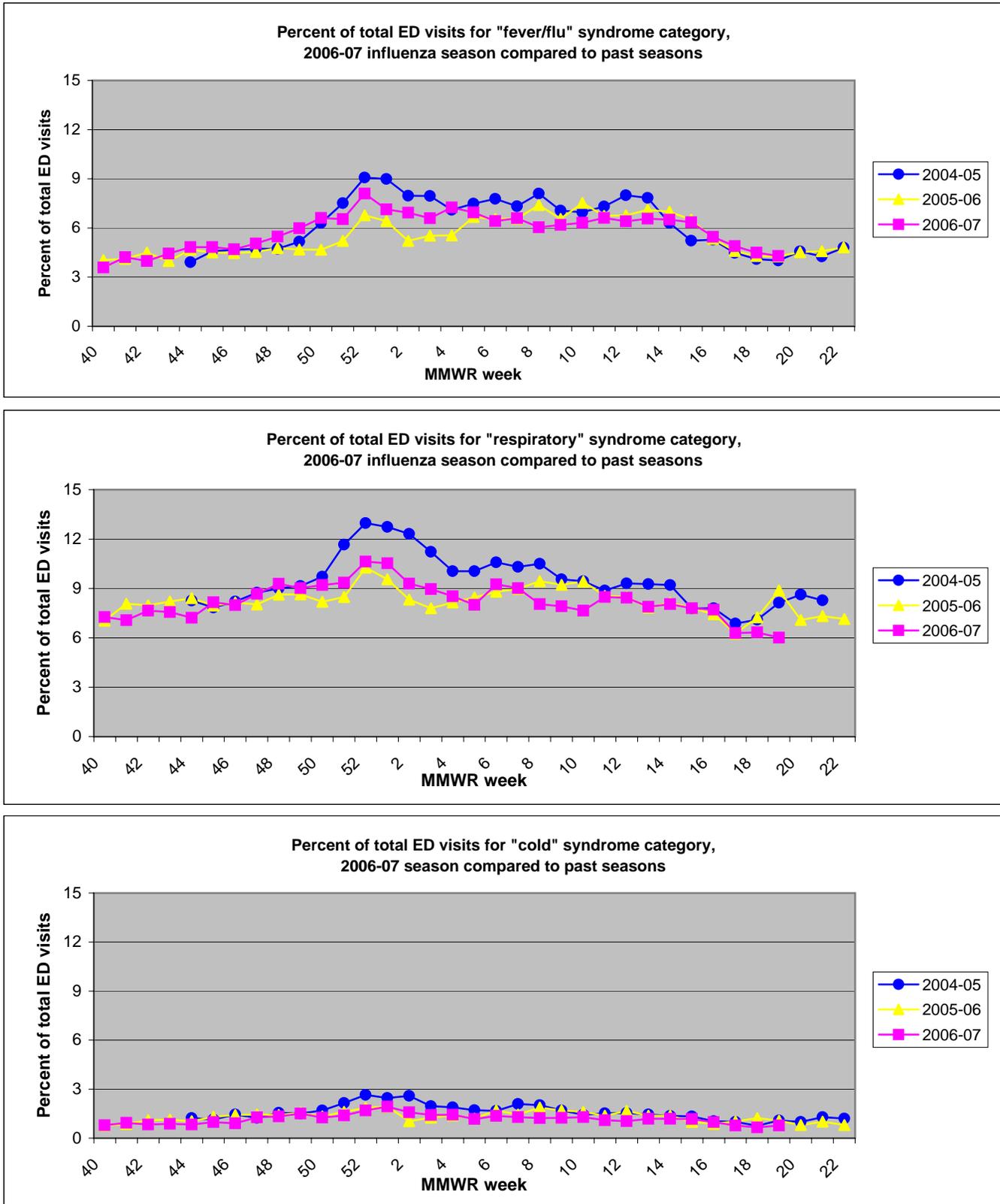
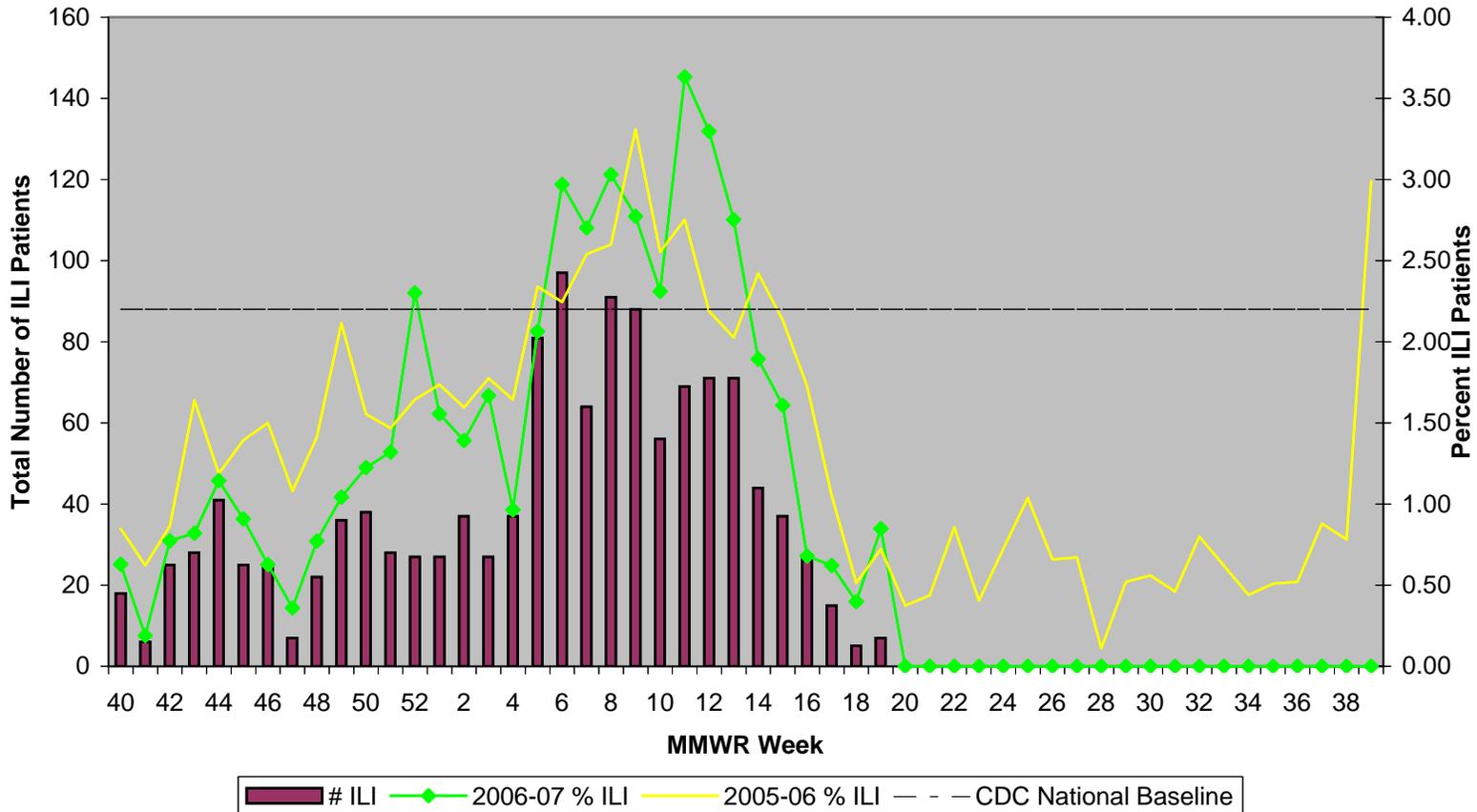


Figure 5. Emergency department syndromic surveillance (EDSS) system data



The EDSS system was established in late 2004 and is based on chief complaint data from hospital emergency departments. Currently DPH is receiving data from 17 hospitals (complete data is available for 12 and 10 hospitals for the 2004-05 and 2005-06 seasons, respectively). Chief complaint data is coded into 8 syndrome categories. In previous influenza seasons, 3 syndrome categories have been significantly associated with laboratory confirmed influenza tests (LCT). In 2005-06, the "fever/flu" category was strongly correlated with LCT; in 2004-05 "fever/flu", "respiratory" and "cold" all correlated with LCT.

Figure 6. Sentinel Provider Reports of Influenza-Like Illness (ILI), 2006-07



State of Connecticut
Department of Public Health
Weekly Flu Update # 32

This thirty-second update of the 2006-07 influenza season is provided for your information :

Low numbers of laboratory confirmed **influenza** reports were again received this week. A total of 2,095 laboratory confirmed reports have been received to date, with 1,671 identified as type A influenza, and 179 as type B, and 245 of unknown type (see Table 1, Figure 1, attached). Reports have been received from residents of five of the eight Connecticut counties. A comparison with data from the past three seasons is also shown (see Figure 2, attached). The DPH virology laboratory is continuing to evaluate clinical specimens submitted from hospitals and physicians for the presence of influenza (see Figure 3). The decreasing number of laboratory confirmed reports resulted in a change of our national flu activity classification from "local" to "sporadic" for Connecticut during the week ending May 12, 2007 (CDC week 19).

Four additional indicators of flu activity are also being tracked. Total statewide pneumonia admissions, as reported to the Connecticut Hospital Admissions Syndromic Surveillance (HASS) System, have decreased below 350 for the second time in twenty weeks. These HASS pneumonia admissions, which have been shown to correlate well with influenza activity, are shown on Figure 4. Data from our Emergency Department Syndromic Surveillance (EDSS) System are also being analyzed. A summary of three selected syndrome categories (fever/flu, respiratory, & cold) used to track flu activity is shown in Figure 5*. One category in particular, fever/flu, has been shown to correlate well with influenza activity. Finally, weekly reports on patients presenting with influenza-like illness (ILI) to select "sentinel physicians" is shown in Figure 6**. Data from these surveillance systems provide additional evidence that late season flu activity is continuing to diminish in Connecticut.

Please do not hesitate to contact Alan Siniscalchi or Maria Andrews at 860-509-7994 if you have any questions on the data.

*Data and figure prepared by Katherine Purviance.

**Data and figure prepared by Brenda Esponda