

Kent County Influenza Surveillance Report, 2007-2008



Michigan

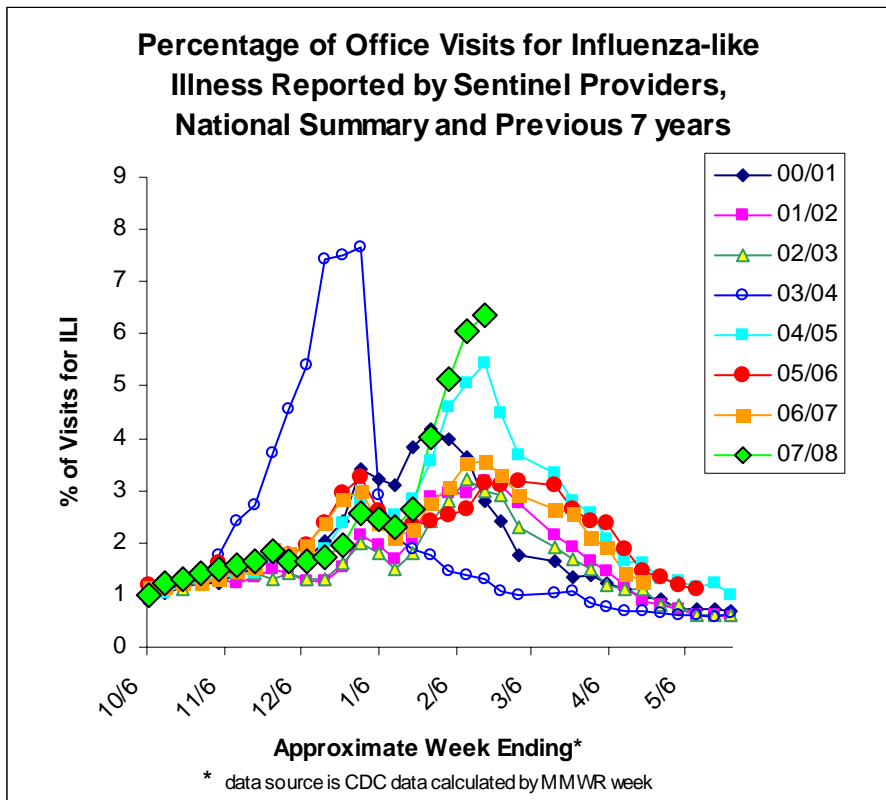
Laboratory Surveillance (as of February 21): For the 2007-2008 influenza season, the MDCH Bureau of Laboratories has identified 174 influenza isolates:

- 116 A/H3N2: Southeast (41); Central (35); Southwest (23); North (17)
- 3 A/H1N1: Southeast (2); North (1)
- 37 A subtype pending: Southwest (8); Central (15); Southeast (5); North (9)
- 18 B: Southeast (12); North (3); Central (1). 16 have been typed as B/Shanghai/361/2002-like and 2 are pending subtyping.

Sentinel laboratories continue to report elevated levels of positive influenza A tests and very small numbers of positive influenza B tests. Sentinel labs in some regions are beginning to show decreases in flu activity. RSV activity continues to be steady to slightly rising.

United States

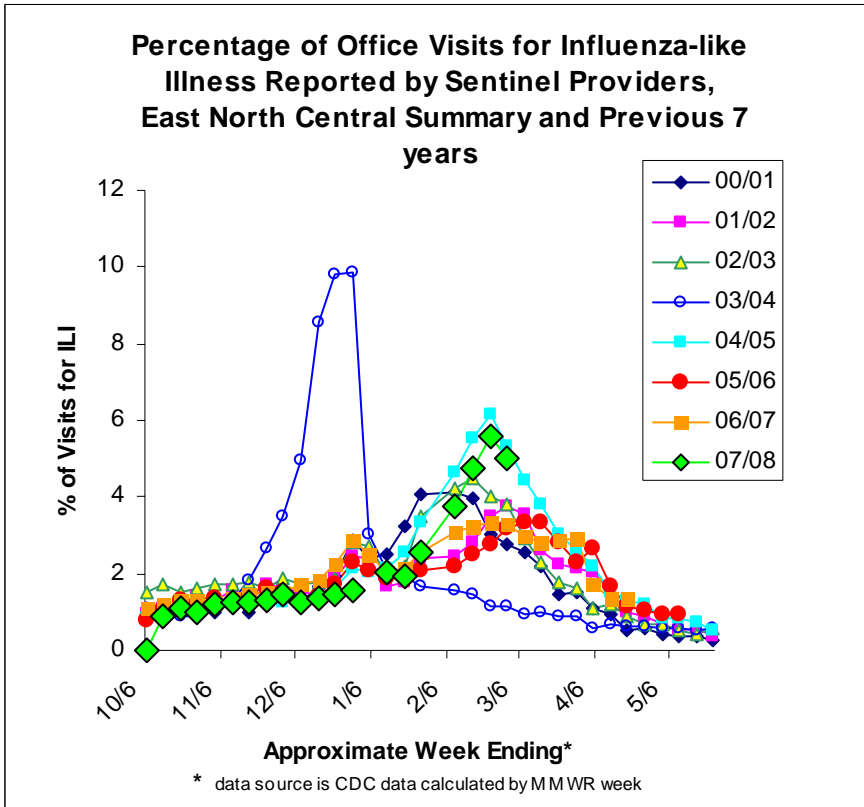
National, Current 2007-2008 Vaccine Strain Match (CDC, February 9): The CDC is indicating that protection against circulating influenza A/H3N2 and influenza B virus strains may not be optimal this season as the H3N2 and B virus strains are different from those contained in the current vaccine. However, nearly all H1N1 viruses tested to date were well matched to the vaccine. It is still important to remember that even when the viruses are not closely matched that the vaccine can provide cross-protection against related strains of influenza virus thus preventing some illnesses and flu-related complications



MMWR Week	Week Ending	07/08
40	10/6	1.002
41	10/13	1.224
42	10/20	1.296
43	10/27	1.418
44	11/3	1.484
45	11/10	1.569
46	11/17	1.635
47	11/24	1.829
48	12/1	1.631
49	12/8	1.655
50	12/15	1.721
51	12/22	1.949
52	12/29	2.555
53		
01	1/5	2.437
02	1/12	2.289
03	1/19	2.654
04	1/26	4.027
05	2/2	5.141
06	2/9	6.048
07	2/16	6.375

East North Central Region (includes MI, WI, IL, IND, OH)

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MMWR Week	Week Ending	07/08
40	10/6	0.88
41	10/13	1.071
42	10/20	0.969
43	10/27	1.201
44	11/3	1.261
45	11/10	1.249
46	11/17	1.293
47	11/24	1.454
48	12/1	1.249
49	12/8	1.353
50	12/15	1.439
51	12/22	1.556
52	12/29	1.989
53		
01	1/5	2.043
02	1/12	1.92
03	1/19	2.566
04	1/26	3.738
05	2/9	4.727
06	2/16	5.573
07	2/23	5