



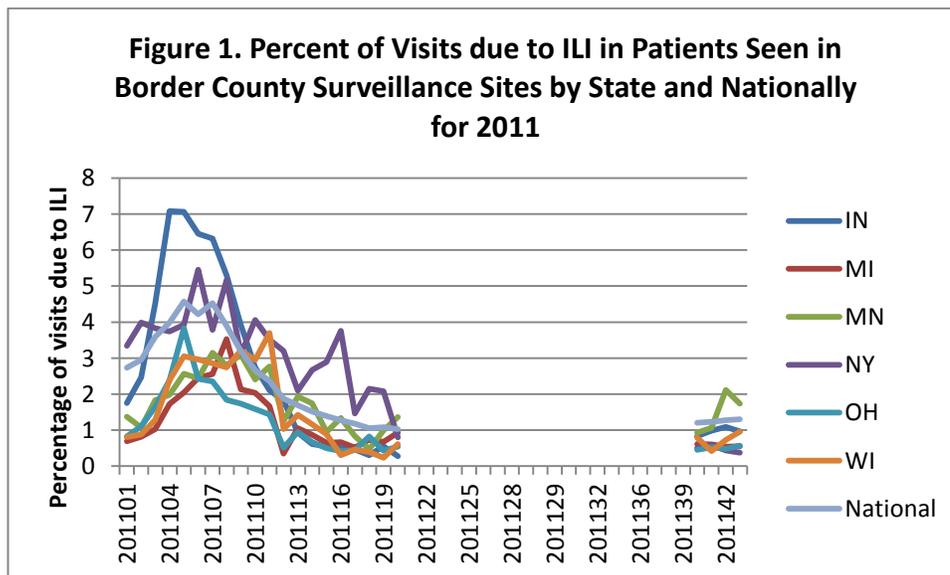
Great Lakes Border Region Influenza Report – Weeks 44-47, 2011

The data analyzed was reported by the six US states of Indiana, Michigan, Minnesota, New York, Ohio, and Wisconsin to CDC’s ILI-Net system. The report will be evolving as we incorporate new sites into the border-wide influenza network and receive additional information, such as mortality data. The report is compiled by CDC’s Northern Land Border Activity in the Division of Global Migration and Quarantine in collaboration with the Great Lakes Border Health Initiative. We appreciate the collaboration of all partner agencies involved in this effort, including:

- Indiana State Department of Health
- Michigan Department of Community Health
- Minnesota Department of Health
- State of New York Department of Health
- Ohio Department of Health
- Wisconsin Department of Health Services
- Centers for Disease Control and Prevention-Division of Influenza, ILI-Net team
- Local Health Departments

The list of border counties included in this report can be found at the end of the report. Influenza-like Illness (ILI) is defined as fever accompanied by either sore throat or cough. CDC ILI-Net receives information weekly from reporting sites nationwide. The purpose of this report is to summarize that data for the US-Canada Great Lakes border region, for both response and planning purposes.

Figure 1. Percent of Visits due to ILI in Patients Seen in Border County Surveillance Sites, by State

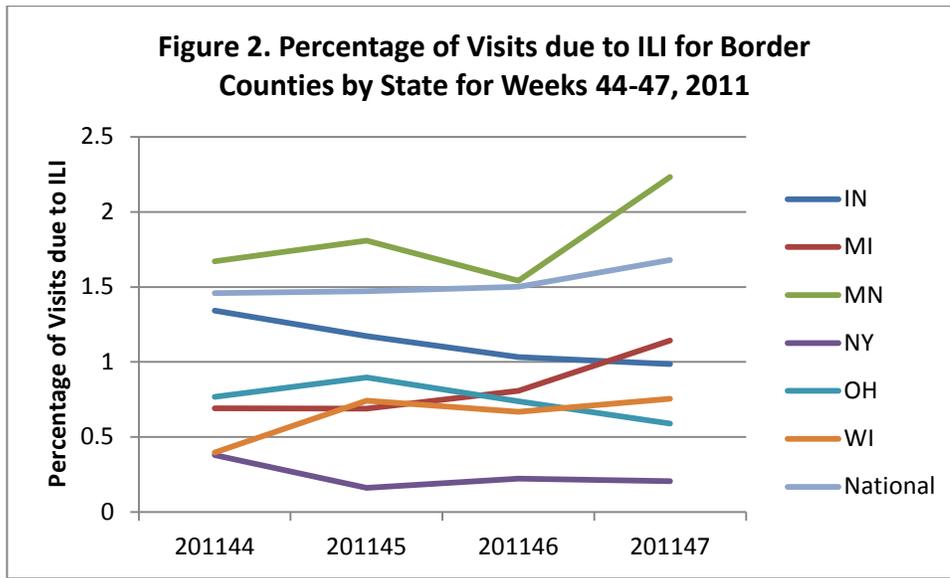


Source: CDC ILI-Net

Table 1. Total number of patients with ILI seen at ILI-NET border surveillance sites and the percent of total visits they comprise

	Number of ILI cases	No. of visits	% ILI	No. sites
week 44				
IN	150	11185	1.34	42
MI	117	16904	0.69	52
MN	81	4851	1.67	14
NY	46	12115	0.38	90
OH	137	17843	0.77	57
WI	15	3779	0.40	33
Border region	546	66677	0.82	288
National	10372	710808	1.46	1711
week 45				
IN	130	11081	1.17	42
MI	116	16835	0.69	48
MN	84	4646	1.81	13
NY	17	10481	0.16	81
OH	144	16063	0.90	52
WI	28	3777	0.74	34
Border region	519	62883	0.83	270
National	10061	683440	1.47	1667
week 46				
IN	106	10267	1.03	39
MI	74	9163	0.81	35
MN	67	4346	1.54	12
NY	21	9384	0.22	71
OH	112	15186	0.74	44
WI	24	3591	0.67	33
Border region	404	51937	0.78	234
National	9872	657663	1.50	1516
week 47				
IN	67	6790	0.99	35
MI	41	3590	1.14	26
MN	72	3225	2.23	11
NY	12	5803	0.21	62
OH	50	8467	0.59	39
WI	16	2119	0.76	31
Border region	258	29994	0.86	204
National	7819	465775	1.68	1346

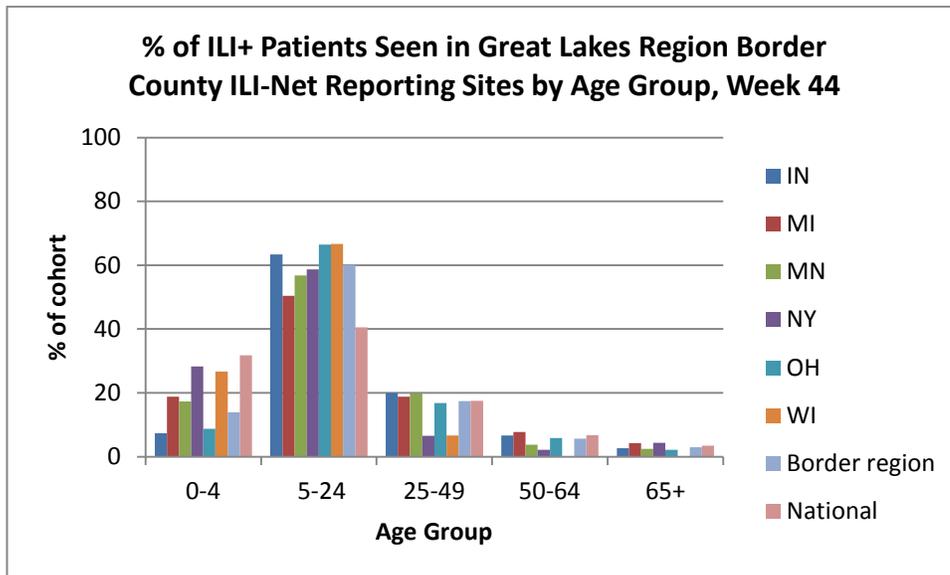
Figure 2. Percent of Patient Visits due to ILI for Border Counties, by State

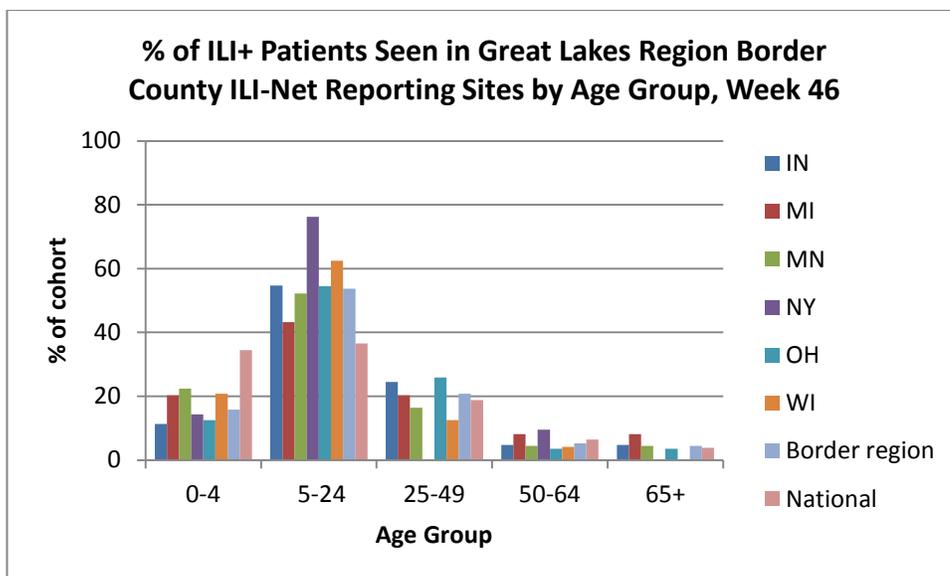
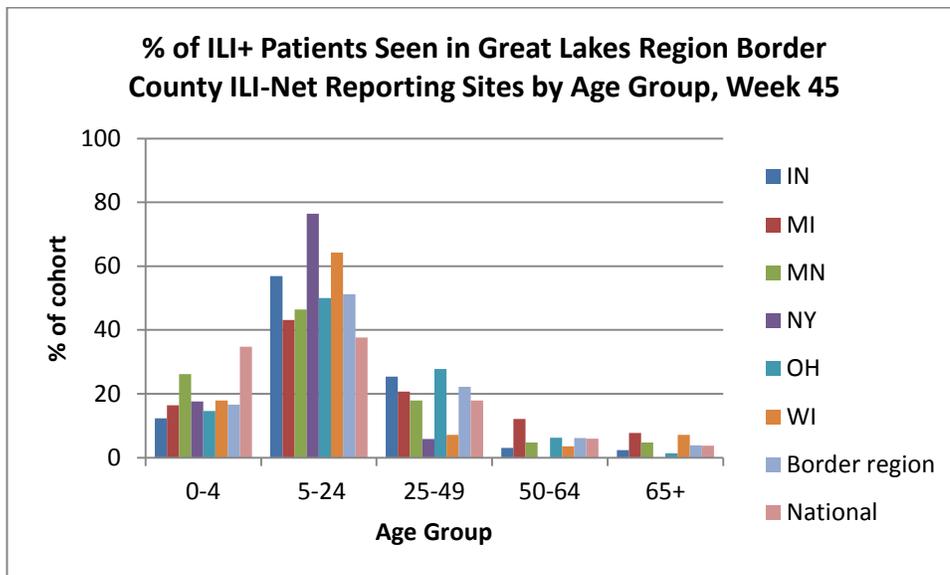


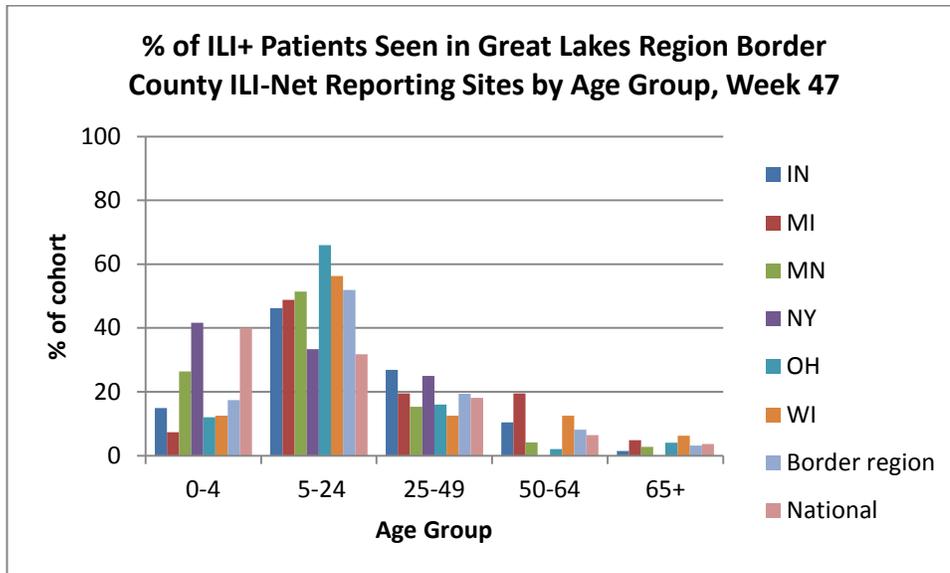
Source: CDC ILI-Net

Figures 3 and 4. ILI-Net Information by Age Groups

For the following age group charts, the variable “Border Region” is calculated as the sum of the border counties’ information. Each state bar is comprised of the sum of the data from their respective border counties.







Source: CDC ILI-Net



Table 2. Influenza Virologic Information

Specimens can be positive by: PCR, culture, DFA/IFA, or rapid antigen positive. The information available to date is displayed. This is aggregated statewide data.

State	Week	Specimens Tested	Influenza A (H1N1)	Influenza A (H3N2)	Influenza A (Subtype unknown)	2009 Influenza A (H1N1)	Influenza A (Unable to subtype)	Influenza B	Number of Isolates
IN	201144	41	0	0	0	0	0	0	0
IN	201145	33	0	0	0	0	0	0	0
IN	201146	40	0	0	0	0	0	0	0
IN	201147	18	0	0	0	0	0	0	0
MI	201144	6	0	0	0	0	0	0	0
MI	201145	1	0	0	0	0	0	0	0
MI	201146	4	0	0	0	0	0	0	0
MI	201147	1	0	0	0	0	0	0	0
MN	201144	59	0	1	1	0	0	0	2
MN	201145	33	0	1	0	0	0	0	1
MN	201146	19	0	1	0	0	0	0	1
MN	201147	-	-	-	-	-	-	-	-
NY	201144	182	0	0	0	0	0	0	0
NY	201145	202	0	0	0	0	0	0	0
NY	201146	135	0	0	1	0	0	0	1
NY	201147	117	0	0	0	0	0	1	1
OH	201144	36	0	1	0	0	0	0	1
OH	201145	40	0	0	0	0	0	0	0
OH	201146	38	0	0	0	0	0	0	0
OH	201147	-	-	-	-	-	-	-	-
WI	201144	42	0	1	0	0	0	0	1
WI	201145	56	0	0	0	0	0	0	0
WI	201146	71	0	0	0	0	0	0	0
WI	201147	38	0	0	0	0	0	0	0

Table 3. Number of surveillance sites in the border region reporting to ILI-NET, by week, state and country.

State	County	week 44	week 45	week 46	week 47
IN		42	42	39	35
MI	Alger	1	1	1	1
	Houghton	1	1	-	-
	Lapeer	1	-	-	-
	Luce	1	1	-	-
	Macomb	1	1	1	-
	Marquette	2	2	2	2
	Oakland	5	5	6	5
	Schoolcraft	1	1	1	1
	Washtenaw	6	6	2	-
MN		14	13	12	11
NY	Cayuga	1	1	1	-
	Chautauqua	1	1	1	-
	Clinton	1	1	1	1
	Erie	9	2	1	-
	Monroe	2	2	2	2
	St. Lawrence	1	1	1	1
	Wayne	1	1	1	-
OH	Cuyahoga	2	1	2	1
	Erie	1	1	1	1
	Lorain	1	-	-	-
	Lucas	2	2	1	1
WI		33	34	33	31

Note: IN, MN and WI data is statewide aggregated data.

Cumulative influenza-associated pediatric mortalities reported this season (201140-present):

No pediatric deaths have been reported.

For additional US national data :

Summary of Weekly FluView

<http://www.cdc.gov/flu/weekly/summary.htm?source=govdelivery>

For data from Canada:

FluWatch:

<http://www.phac-aspc.gc.ca/fluwatch/10-11/index-eng.php>

et/and

Surveillance d'influenza

<http://www.phac-aspc.gc.ca/fluwatch/10-11/index-fra.php>



For data from Europe:

European Centre for Disease Prevention and Control

http://ecdc.europa.eu/en/publications/surveillance_reports/influenza/Pages/weekly_influenza_surveillance_overview.aspx

WHO/Europe

<http://www.euroflu.org/index.php>

In upcoming reports we hope to include information from Canada.

Nous espérons que d'inclure des informations en provenance du Canada sous peu.

Any questions or comments, please feel free to contact Dr. Paul Edelson, dou9@cdc.gov.

