



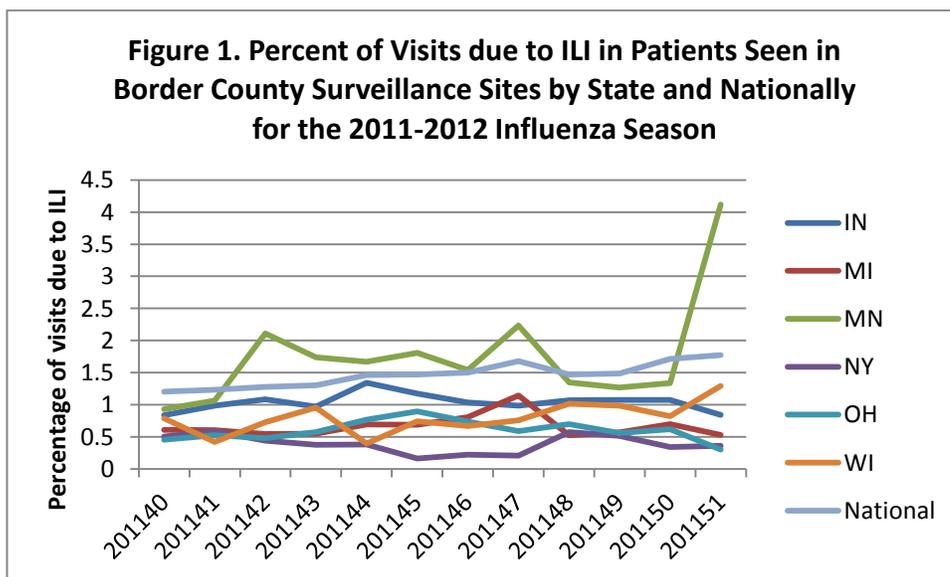
Great Lakes Border Region Influenza Report – Weeks 48-51, 2011

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

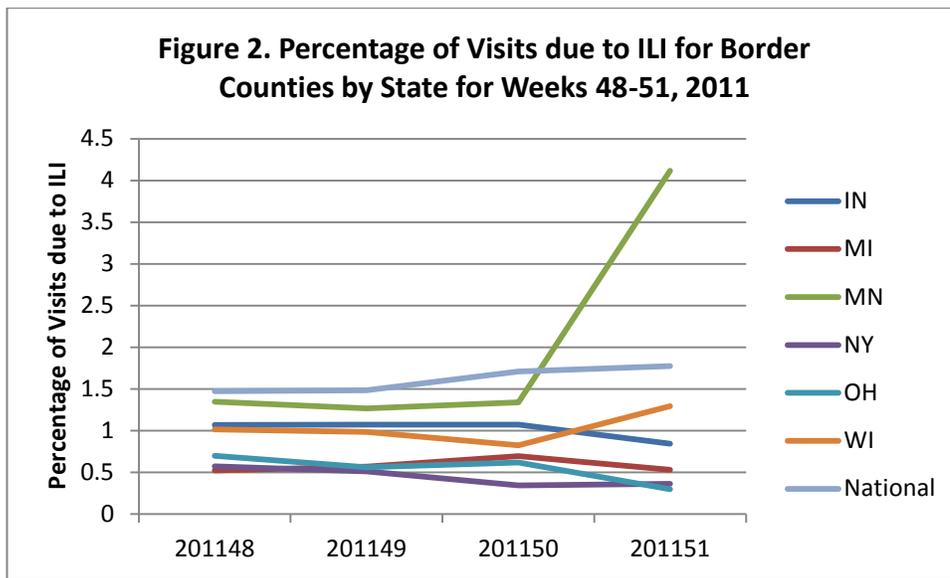


Source: CDC ILI-Net

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 48				
IN	112	10477	1.07	42
MI	86	16464	0.52	54
MN	75	5567	1.35	17
NY	73	12753	0.57	80
OH	118	16905	0.70	53
WI	36	3549	1.01	33
Border region	500	65715	0.76	279
National	10678	725118	1.47	1730
week 49				
IN	96	8948	1.07	39
MI	90	15795	0.57	50
MN	66	5206	1.27	15
NY	56	10905	0.51	70
OH	95	16926	0.56	54
WI	33	3348	0.99	30
Border region	436	61128	0.71	258
National	9763	656697	1.49	1643
week 50				
IN	83	7728	1.07	36
MI	88	12654	0.70	42
MN	62	4631	1.34	12
NY	32	9328	0.34	65
OH	79	12799	0.62	46
WI	27	3280	0.82	29
Border region	371	50420	0.74	230
National	10204	596266	1.71	1500
week 51				
IN	43	5099	0.84	26
MI	36	6795	0.53	23
MN	64	1554	4.12	9
NY	25	6907	0.36	56
OH	20	6690	0.30	35
WI	26	2010	1.29	20
Border region	214	29055	0.74	169
National	7789	438796	1.78	1125

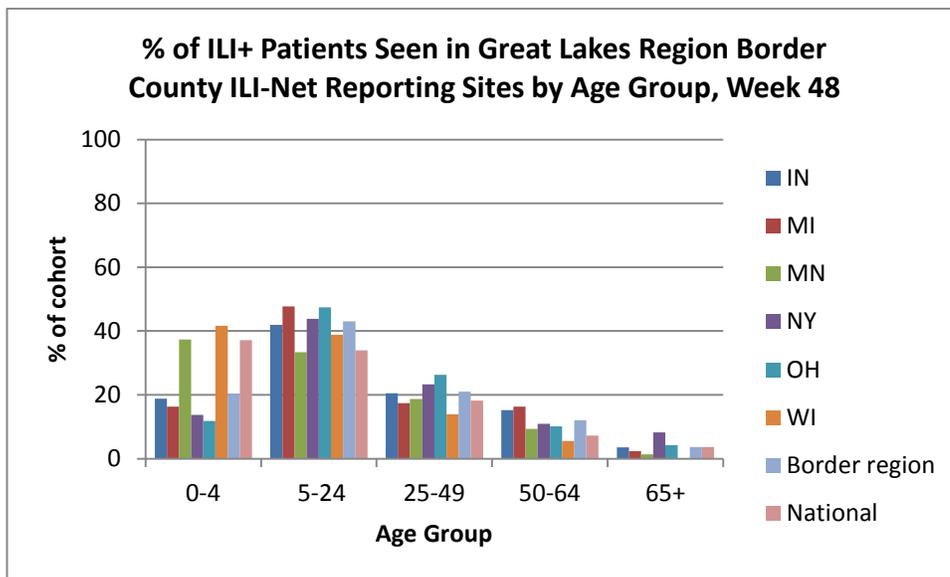
Figure 2. Percent of Patient Visits due to ILI for Border Counties, by State

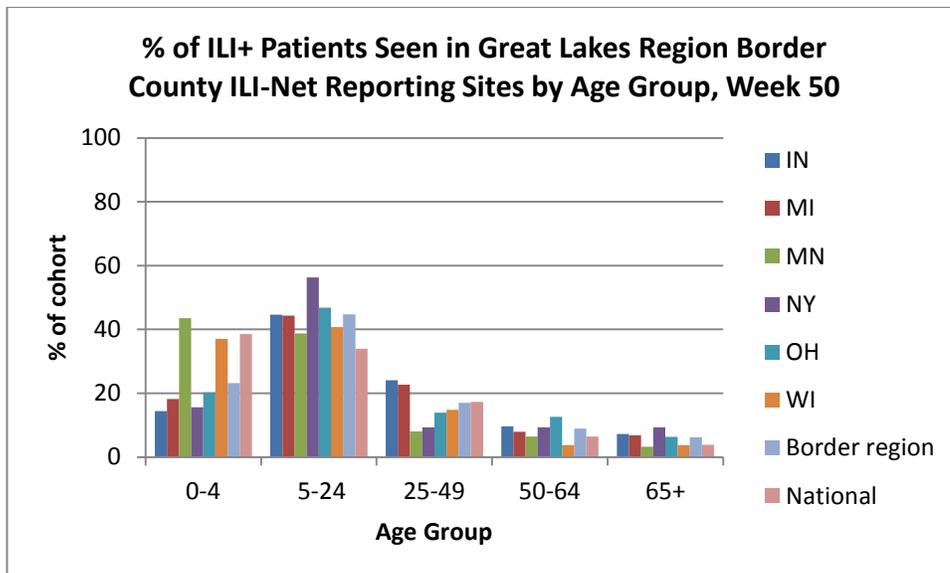
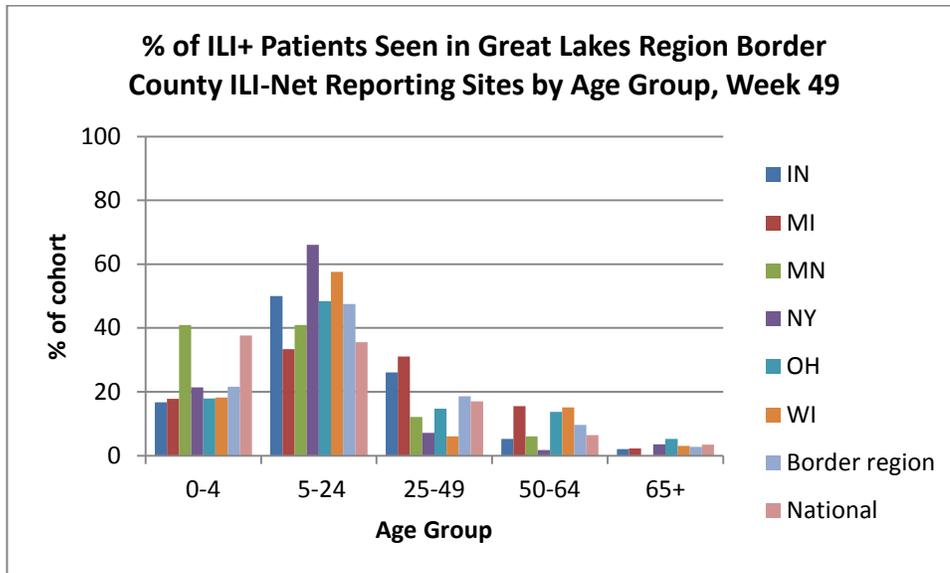


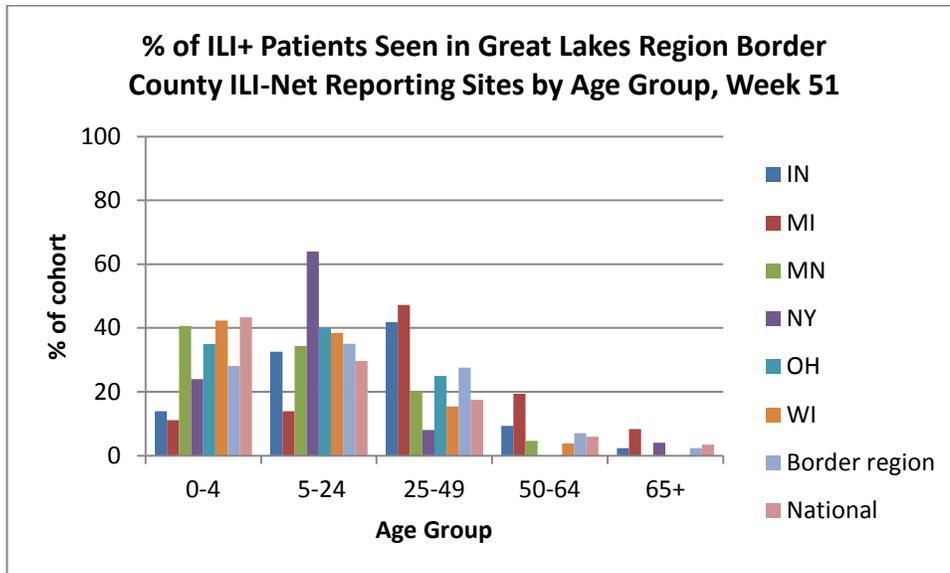
Source: CDC ILI-Net

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	201148	52	0	2	0	0	0	0	2
IN	201149	49	0	2	0	0	0	0	2
IN	201150	53	0	0	0	1	0	0	1
IN	201151	44	0	1	0	0	0	0	1
MI	201148	3	0	0	0	0	0	0	0
MI	201149	1	0	0	0	0	0	0	0
MI	201150	5	0	1	0	0	0	0	1
MI	201151	6	0	1	0	0	0	0	1
MN	201148	54	0	2	0	0	0	0	2
MN	201149	33	0	0	0	0	0	0	0
MN	201150	48	0	5	0	0	0	0	5
MN	201151	9	0	1	0	1	0	0	2
NY	201148	210	0	0	1	0	0	0	1
NY	201149	237	0	0	0	0	0	0	0
NY	201150	12	0	0	0	0	0	0	0
NY	201151	127	0	0	0	0	0	0	0
OH	201148	-	-	-	-	-	-	-	-
OH	201149	4	0	0	0	0	0	0	0
OH	201150	1	0	0	0	0	0	0	0
OH	201151	-	-	-	-	-	-	-	-
WI	201148	99	0	0	1	0	0	0	1
WI	201149	97	0	0	0	0	0	0	0
WI	201150	83	0	5	0	0	0	1	6
WI	201151	40	0	4	0	0	0	1	5

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

State	County	week 48	week 49	week 50	week 51
IN		42	39	36	26
MI	Alger	1	1	1	1
	Houghton	1	1	1	-
	Lapeer	1	1	1	1
	Luce	1	1	1	1
	Macomb	1	1	1	-
	Marquette	2	2	2	-
	Oakland	5	5	3	3
	Schoolcraft	1	1	-	-
	Washtenaw	6	6	5	4
MN		17	15	12	9
NY	Cayuga	1	-	-	-
	Chautauqua	1	1	1	1
	Clinton	1	1	1	1
	Erie	1	-	-	-
	Jefferson	1	1	1	1
	Monroe	2	2	2	2
	St. Lawrence	1	1	-	-
	Wayne	1	1	1	1
OH	Cuyahoga	2	2	1	1
	Erie	1	1	1	1
	Lorain	1	1	1	-
	Lucas	1	1	1	1
WI		33	30	29	20

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.

