



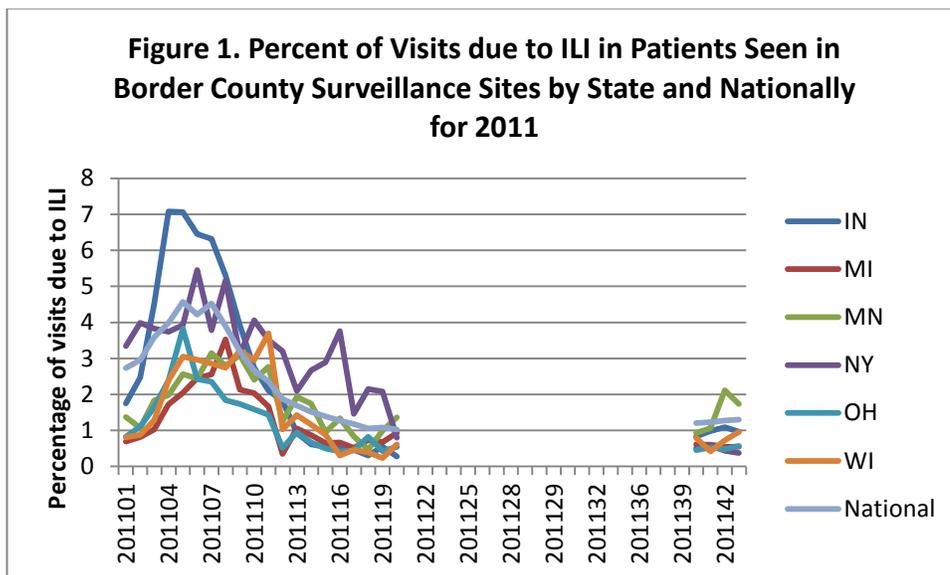
## Great Lakes Border Region Influenza Report – Weeks 40-43, 2011

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**

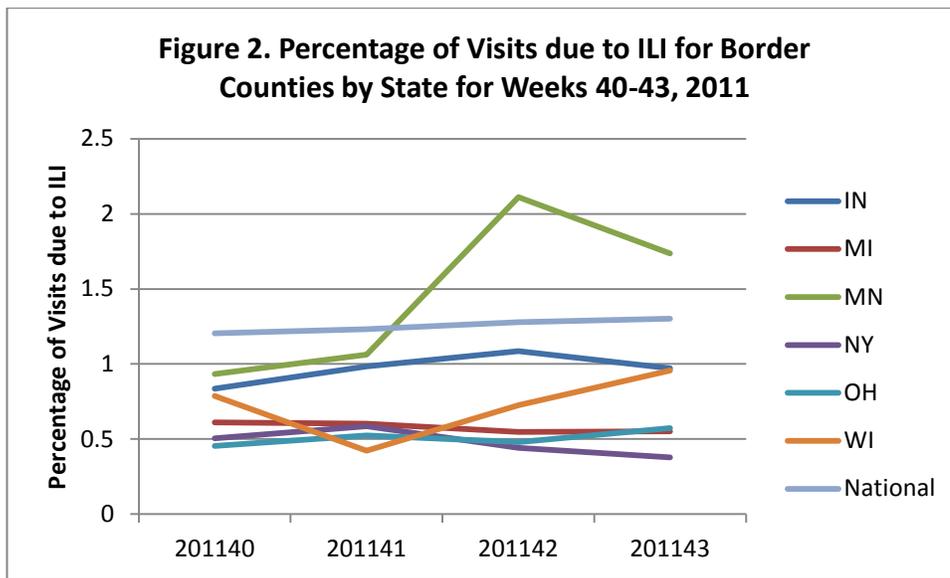


Source: CDC ILI-Net

**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 40				
IN	97	11603	0.84	44
MI	102	16721	0.61	47
MN	32	3433	0.93	12
NY	71	14073	0.50	99
OH	71	15638	0.45	52
WI	26	3301	0.79	33
Border region	399	64769	0.62	287
National	8273	686484	1.13	1608
week 41				
IN	111	11276	0.98	43
MI	102	16948	0.60	49
MN	38	3574	1.06	12
NY	79	13495	0.59	94
OH	79	15079	0.52	51
WI	17	4027	0.42	31
Border region	426	64399	0.66	280
National	8484	688511	1.16	1603
week 42				
IN	110	10126	1.09	41
MI	88	16109	0.55	46
MN	68	3220	2.11	12
NY	52	11804	0.44	87
OH	75	15644	0.48	53
WI	25	3442	0.73	32
Border region	418	60345	0.69	271
National	8501	665034	1.28	1558
week 43				
IN	85	8760	0.97	34
MI	68	12346	0.55	36
MN	51	2937	1.74	10
NY	38	10079	0.38	73
OH	93	16229	0.57	50
WI	31	3240	0.96	26
Border region	366	53591	0.68	229
National	7642	587313	1.17	1386

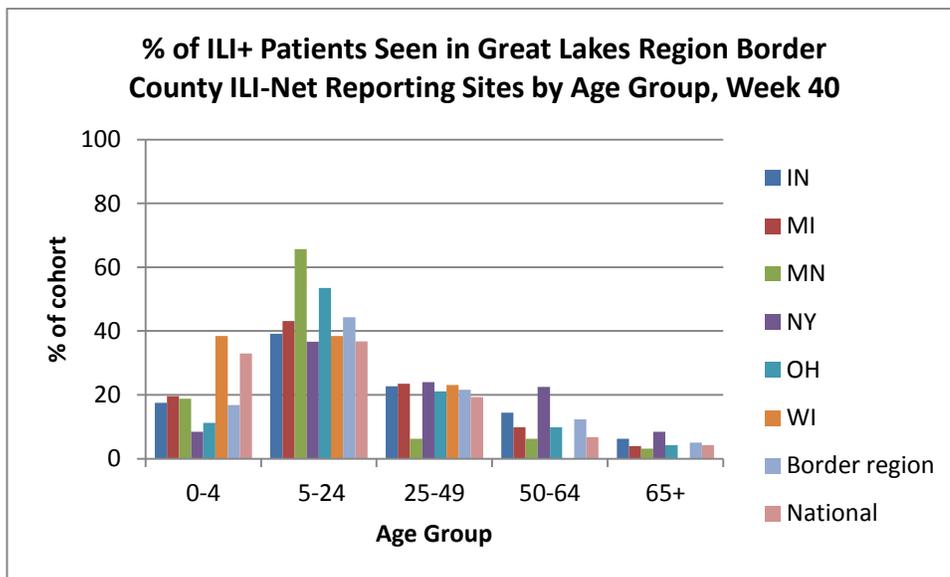
**Figure 2. Percent of Patient Visits due to ILI for Border Counties, by State**

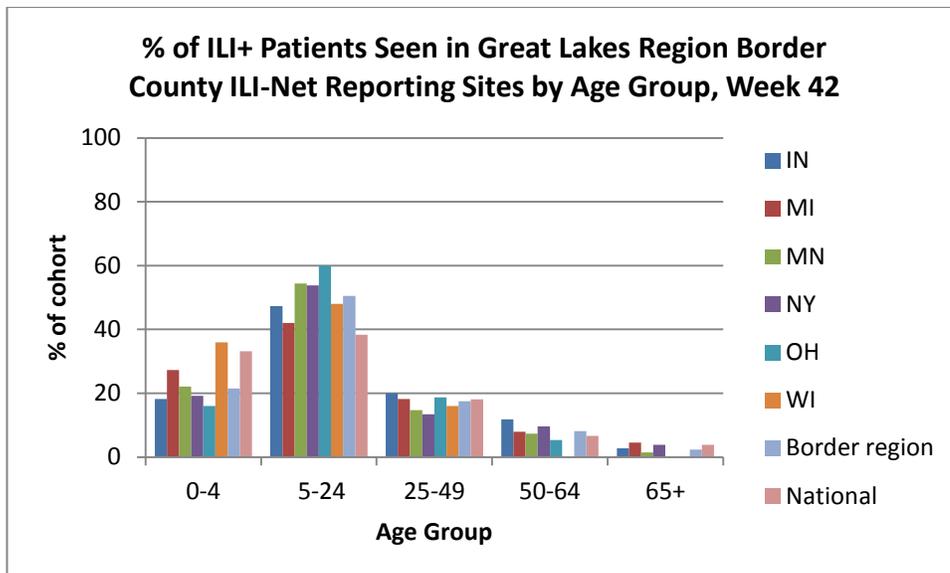
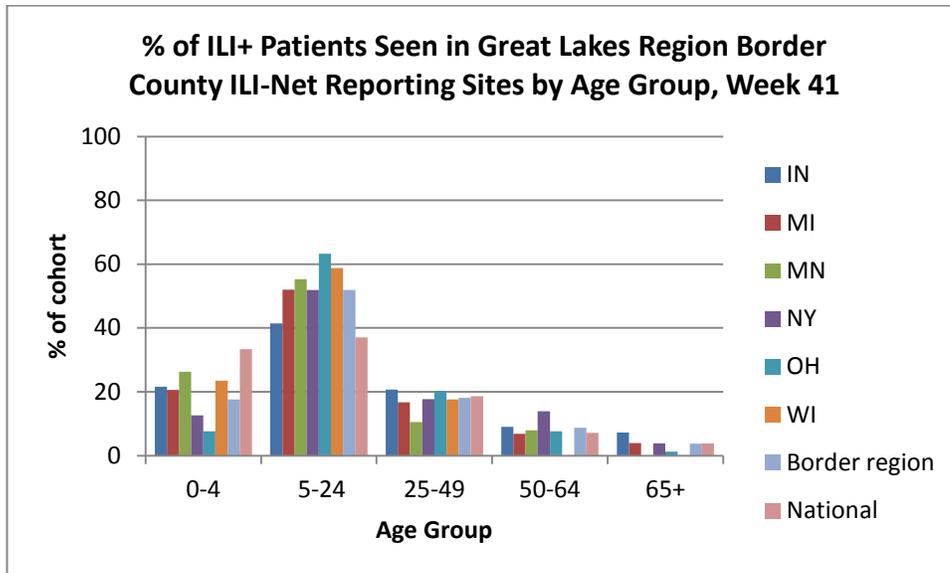


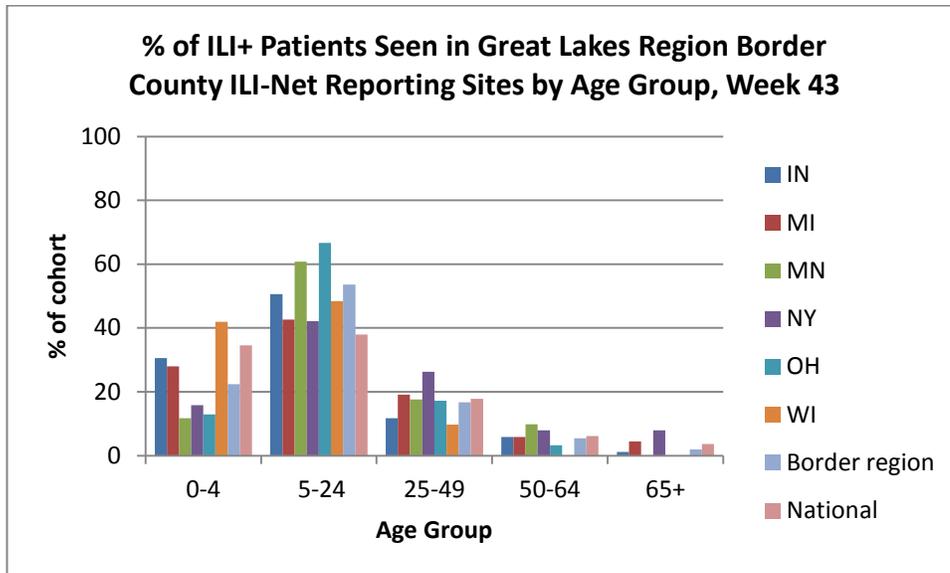
Source: CDC ILI-Net

**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	201140	29	0	0	0	0	0	0	0
IN	201141	35	0	0	0	0	0	0	0
IN	201142	30	0	0	0	0	0	0	0
IN	201143	37	0	0	0	0	0	0	0
MI	201140	23	0	0	0	0	0	1	1
MI	201141	6	0	0	0	0	0	0	0
MI	201142	3	0	0	0	0	0	0	0
MI	201143	2	0	0	0	0	0	0	0
MN	201140	24	0	1	0	0	0	0	1
MN	201141	19	0	1	0	0	0	0	1
MN	201142	16	0	0	0	0	0	0	0
MN	201143	4	0	0	0	0	0	0	0
NY	201140	79	0	0	0	0	0	0	0
NY	201141	70	0	0	0	0	0	0	0
NY	201142	105	0	0	0	0	0	0	0
NY	201143	66	0	0	1	0	0	0	1
OH	201140	45	0	0	0	0	0	0	0
OH	201141	0	0	0	0	0	0	0	0
OH	201142	1	0	0	0	0	0	0	0
OH	201143	0	0	0	0	0	0	0	0
WI	201140	22	0	0	0	0	0	0	0
WI	201141	51	0	1	0	0	0	0	1
WI	201142	50	0	0	0	0	0	0	0
WI	201143	58	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 40	week 41	week 42	week 43
IN		44	43	41	34
MI	Houghton	-	1	1	1
	Lapeer	1	1	-	-
	Luce	1	1	1	1
	Macomb	1	1	1	1
	Marquette	2	2	2	2
	Oakland	3	4	5	4
	Schoolcraft	1	1	1	1
	Washtenaw	6	6	5	5
MN		12	12	12	10
NY	Cayuga	1	1	1	1
	Chautauqua	1	1	1	1
	Clinton	2	1	1	1
	Erie	6	6	6	-
	Monroe	2	2	2	-
	St. Lawrence	1	1	1	1
	Wayne	1	1	1	1
OH	Cuyahoga	2	2	2	2
	Erie	1	1	1	1
	Lorain	1	-	1	1
	Lucas	2	2	1	1
WI		33	31	32	26

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](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](mailto:dou9@cdc.gov).

