



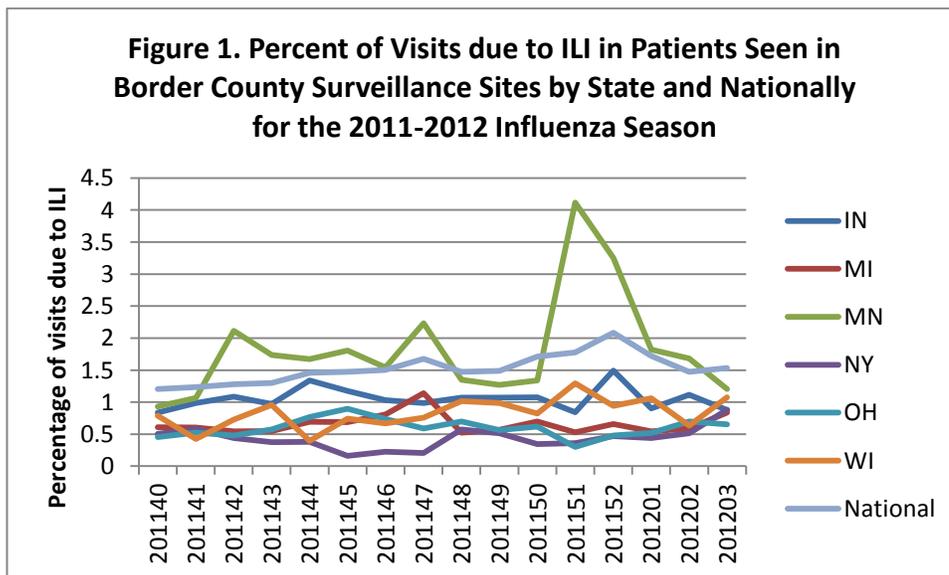
## Great Lakes Border Region Influenza Report – Weeks 52-3, 2011-2012

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**

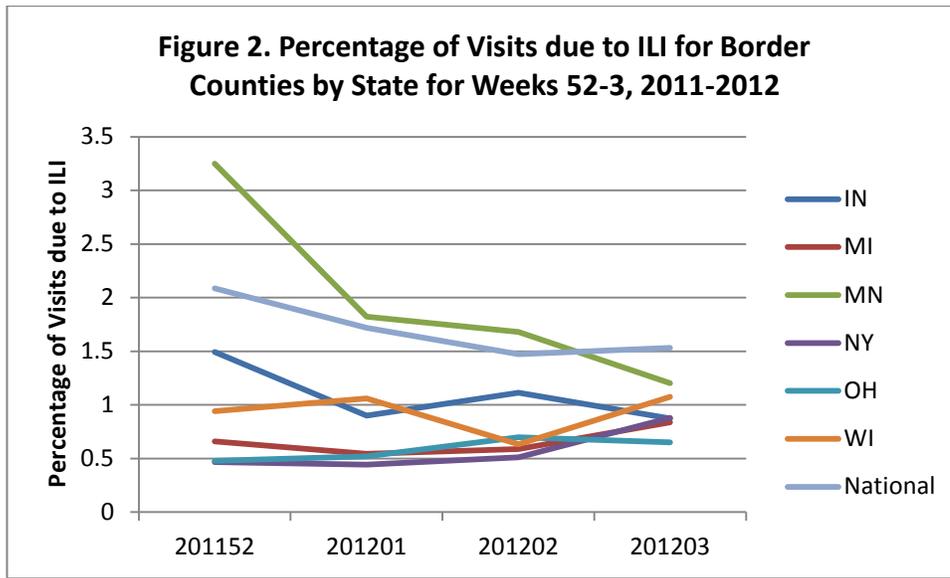


Source: CDC ILI-Net

**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 52				
IN	109	7303	1.49	42
MI	58	8808	0.66	44
MN	95	2923	3.25	15
NY	36	7702	0.47	94
OH	46	9606	0.48	49
WI	17	1806	0.94	31
Border region	361	38148	0.95	275
National	11385	545756	2.09	1671
week 1				
IN	73	8110	0.90	40
MI	59	10833	0.54	45
MN	61	3348	1.82	14
NY	40	9055	0.44	90
OH	61	11763	0.52	47
WI	27	2546	1.06	34
Border region	321	45655	0.70	270
National	10477	609484	1.72	1661
week 2				
IN	103	9242	1.11	38
MI	81	13785	0.59	44
MN	64	3810	1.68	14
NY	47	9174	0.51	84
OH	88	12631	0.70	43
WI	21	3318	0.63	33
Border region	404	51960	0.78	256
National	9173	622536	1.47	1541
week 3				
IN	71	8121	0.87	33
MI	68	8129	0.84	29
MN	46	3825	1.20	12
NY	38	4320	0.22	25
OH	78	11973	0.65	45
WI	20	1862	1.07	24
Border region	321	38230	0.84	168
National	8156	532959	1.53	1261

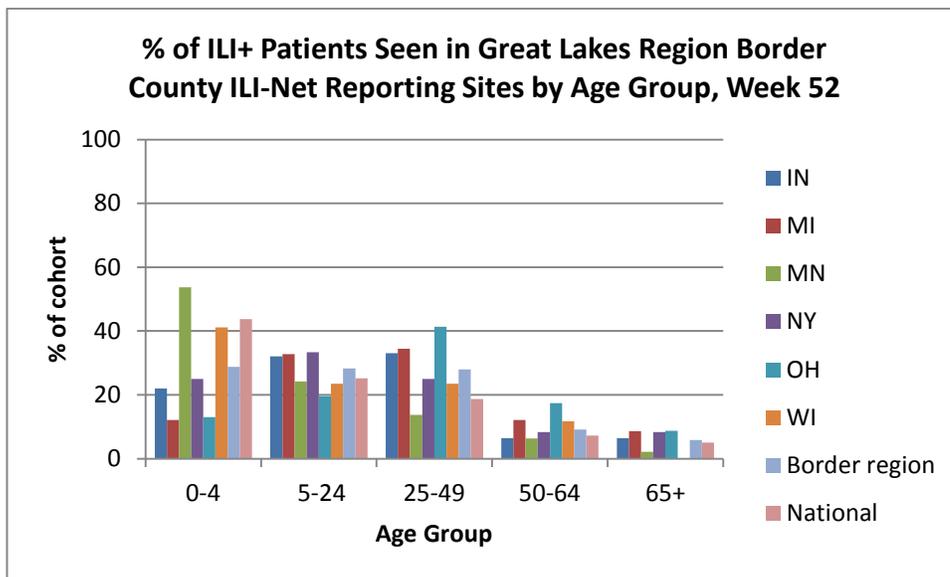
**Figure 2. Percent of Patient Visits due to ILI for Border Counties, by State**

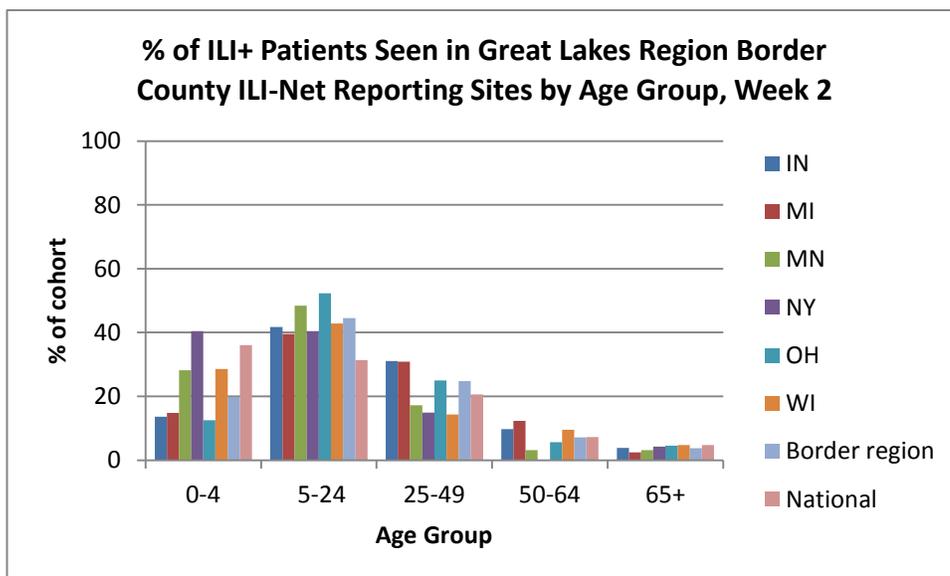
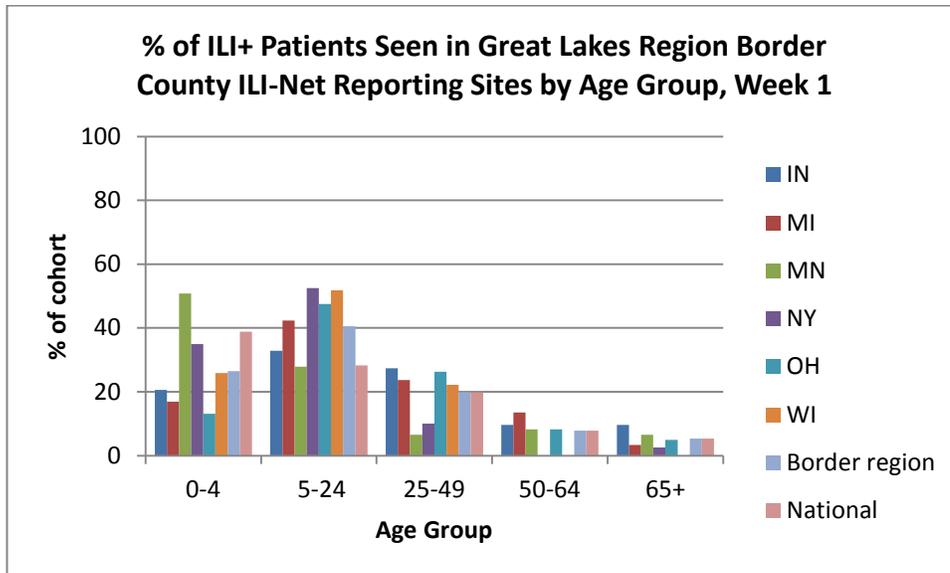


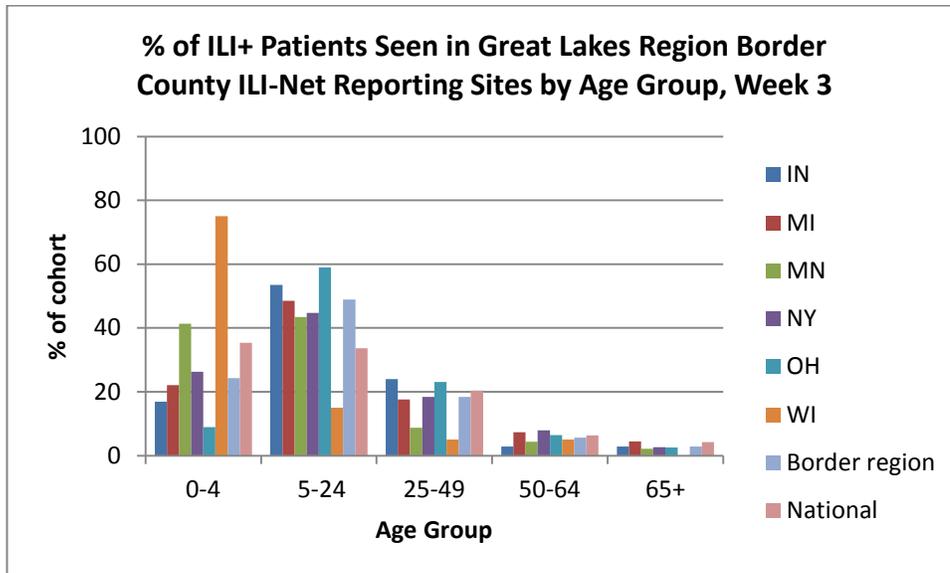
Source: CDC ILI-Net

**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	201152	22	0	0	0	0	0	0	0
IN	201201	36	0	2	0	0	0	0	2
IN	201202	51	0	2	0	0	0	0	2
IN	201203	47	0	0	0	0	0	1	1
MI	201152	14	0	6	0	0	0	0	6
MI	201201	14	0	10	0	0	0	1	11
MI	201202	27	0	13	0	1	0	1	15
MI	201203	29	0	22	0	0	0	1	23
MN	201152	111	0	5	0	2	0	0	7
MN	201201	119	0	7	0	2	0	0	9
MN	201202	98	0	9	0	1	0	0	10
MN	201203	46	0	2	0	0	0	0	2
NY	201152	271	0	0	0	0	0	0	0
NY	201201	252	0	0	1	0	0	0	1
NY	201202	300	0	1	1	0	0	1	3
NY	201203	240	0	4	1	0	0	1	6
OH	201152	40	0	0	0	0	0	0	0
OH	201201	29	0	0	0	0	0	0	0
OH	201202	37	0	0	0	0	0	0	0
OH	201203	39	0	0	0	0	0	0	0
WI	201152	63	0	7	0	0	0	1	8
WI	201201	77	0	8	0	0	0	1	9
WI	201202	44	0	10	0	2	0	2	14
WI	201203	37	0	14	0	0	0	0	14

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

State	County	week 52	week 1	week 2	week 3
IN		42	40	38	33
MI	Alger	1	1	1	1
	Houghton	-	1	-	-
	Lapeer	1	1	-	-
	Luce	1	1	-	-
	Marquette	1	2	2	1
	Oakland	4	5	5	5
	Washtenaw	6	5	5	-
MN	Koochiching	-	1	1	-
NY	Cayuga	1	1	1	1
	Chautauqua	1	1	1	1
	Clinton	1	1	1	1
	Erie	8	9	8	-
	Jefferson	1	1	-	-
	Monroe	1	2	2	1
	St. Lawrence	1	1	1	1
	Wayne	-	1	1	1
OH	Cuyahoga	1	1	1	2
	Erie	1	1	1	1
	Lucas	2	1	1	1
WI		31	34	33	24

Note: IN and WI data is statewide aggregated data.

**Cumulative influenza-associated pediatric mortalities reported this season (2011-40-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).

