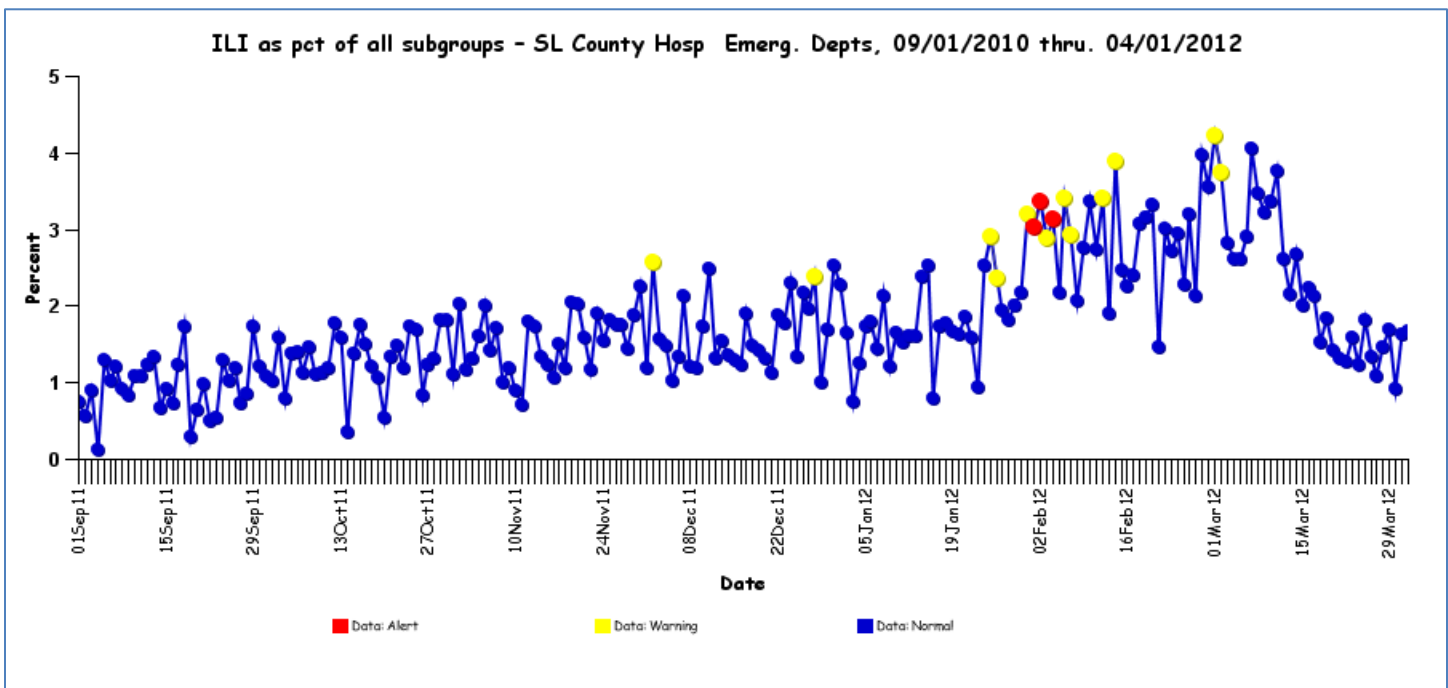
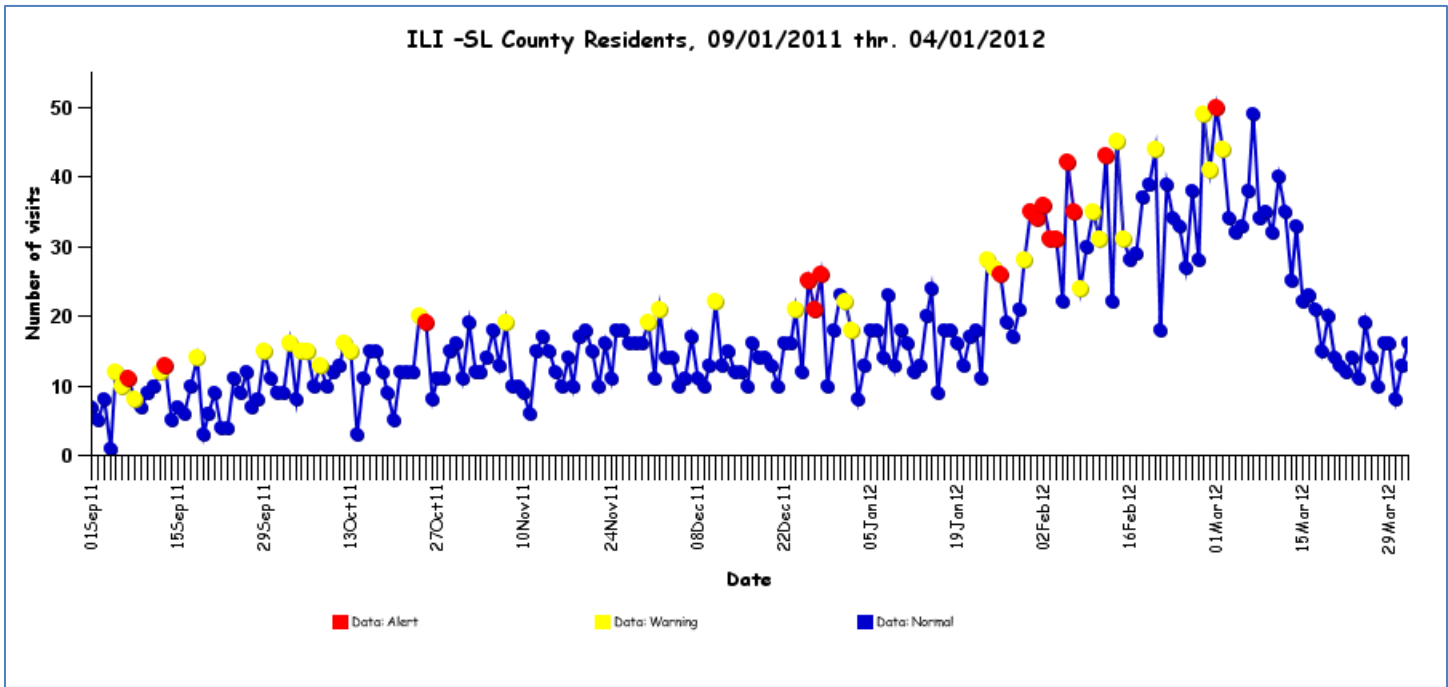


Influenza Surveillance Report

St. Louis County Department of Health, 4/3/2012



As determined by ESSENCE, influenza-like illness (ILI) among St. Louis County residents visiting local hospital emergency departments ranged from 8 to 16 during the week ending April 1. ILI as a percent of all visits among St. Louis County residents ranged from 0.92% to 1.68% during the week ending 04/01/2012. The seasonal high to date is 4.2%. Neither ILI count nor ILI percent flagged last week.

Please remember the following points when interpreting ESSENCE data:

- ILI counts are among St. Louis County residents visiting hospitals participating in ESSENCE only. Percent of visits attributed to ILI is from all hospital emergency departments in St. Louis County only. ESSENCE does not include data from private physicians, clinics, or ambulatory care centers.
- ESSENCE is based on chief complaints, not final diagnoses or laboratory confirmed tests.
- ILI includes chief complaints with the character strings like "FLU", "INFLUENZA", and "FLULIKE" and those that ESSENCE parses to (Fever and (Cough or Sore Throat)).

Influenza Surveillance Report

St. Louis County Department of Health, 4/3/2012



Active Influenza Surveillance, Laboratory Confirmed Tests

The St. Louis County Department of Health has 25 provider sites enrolled in its active influenza surveillance program. These sites include all hospitals located in the County, pediatric practices, ambulatory care facilities, and a university student health center. Weekly, these sites report positive influenza findings to the Department of Health. Weekly totals may change as newly reported cases are attributed to the week of specimen collection.

Surveillance sites reported 15 cases of Influenza A and 4 cases of Influenza B for the week ending 04/01/2012.

Influenza by Report Week, Type

St. Louis County Residents Only

For Cases Reported between 09/26/2011 and 04/01/2012

Week ending	Type A	Type B	Unk Type	Total
10/2/2011	0	0	0	0
10/9/2011	2	6	0	8
10/16/2011	1	2	0	3
10/23/2011	1	8	0	9
10/30/2011	0	2	0	2
11/6/2011	1	3	0	4
11/13/2011	0	3	0	3
11/20/2011	0	5	0	5
11/27/2011	1	3	0	4
12/4/2011	1	2	0	3
12/11/2011	2	1	0	3
12/18/2011	3	5	0	8
12/25/2011	5	0	0	5
1/1/2012	9	2	0	11
1/8/2012	7	1	0	8
1/15/2012	11	1	0	12
1/22/2012	17	0	0	17
1/29/2012	46	4	0	50
2/5/2012	123	1	0	124
2/12/2012	157	4	0	161
2/19/2012	187	5	0	192
2/26/2012	202	2	0	204
3/4/2012	206	10	0	216
3/11/2012	196	6	0	202
3/18/2012	122	7	0	129
3/25/2012	40	4	0	44
4/1/2012	15	4	0	19
Total	1355	91	0	1446

Influenza Surveillance Report

St. Louis County Department of Health, 4/3/2012



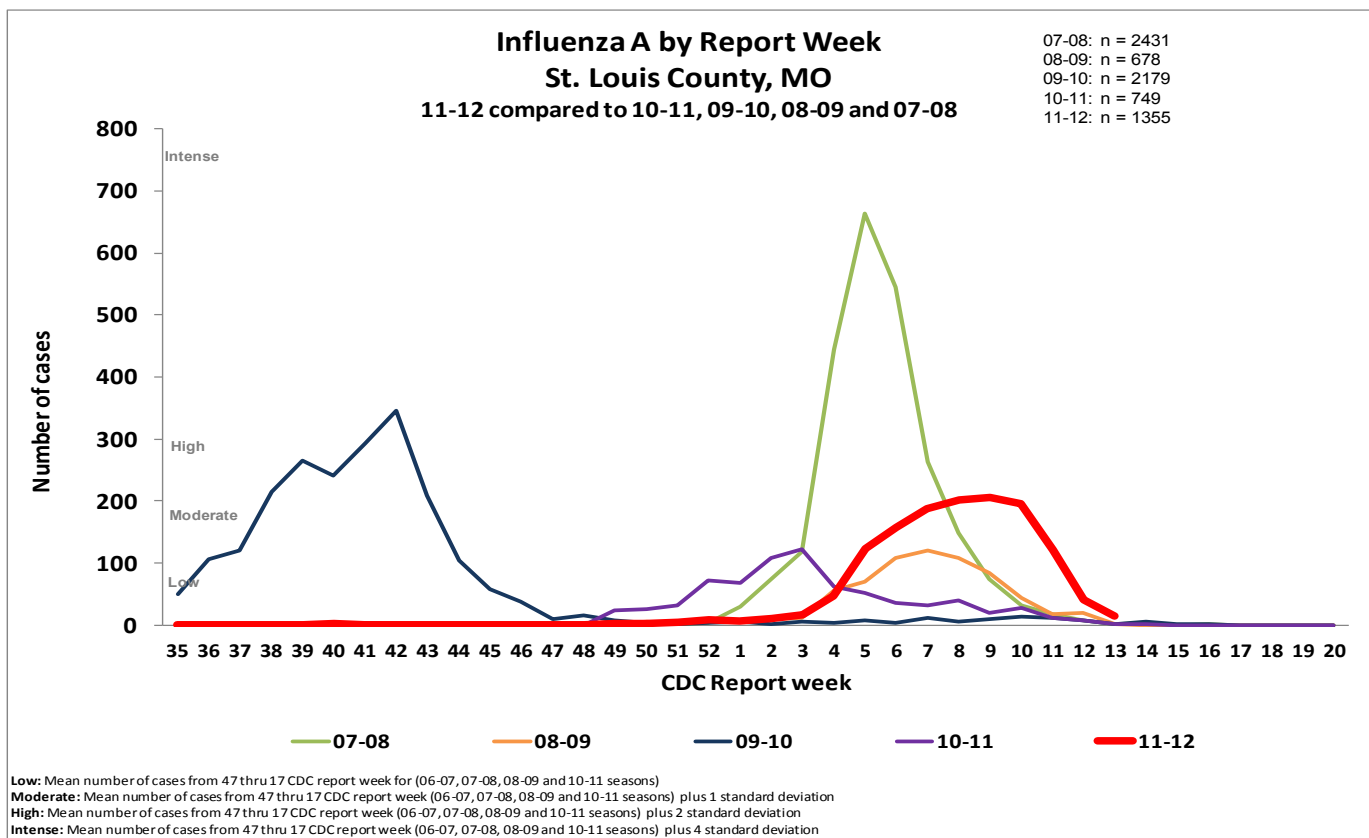
Influenza by Age and Type

St. Louis County Residents Only

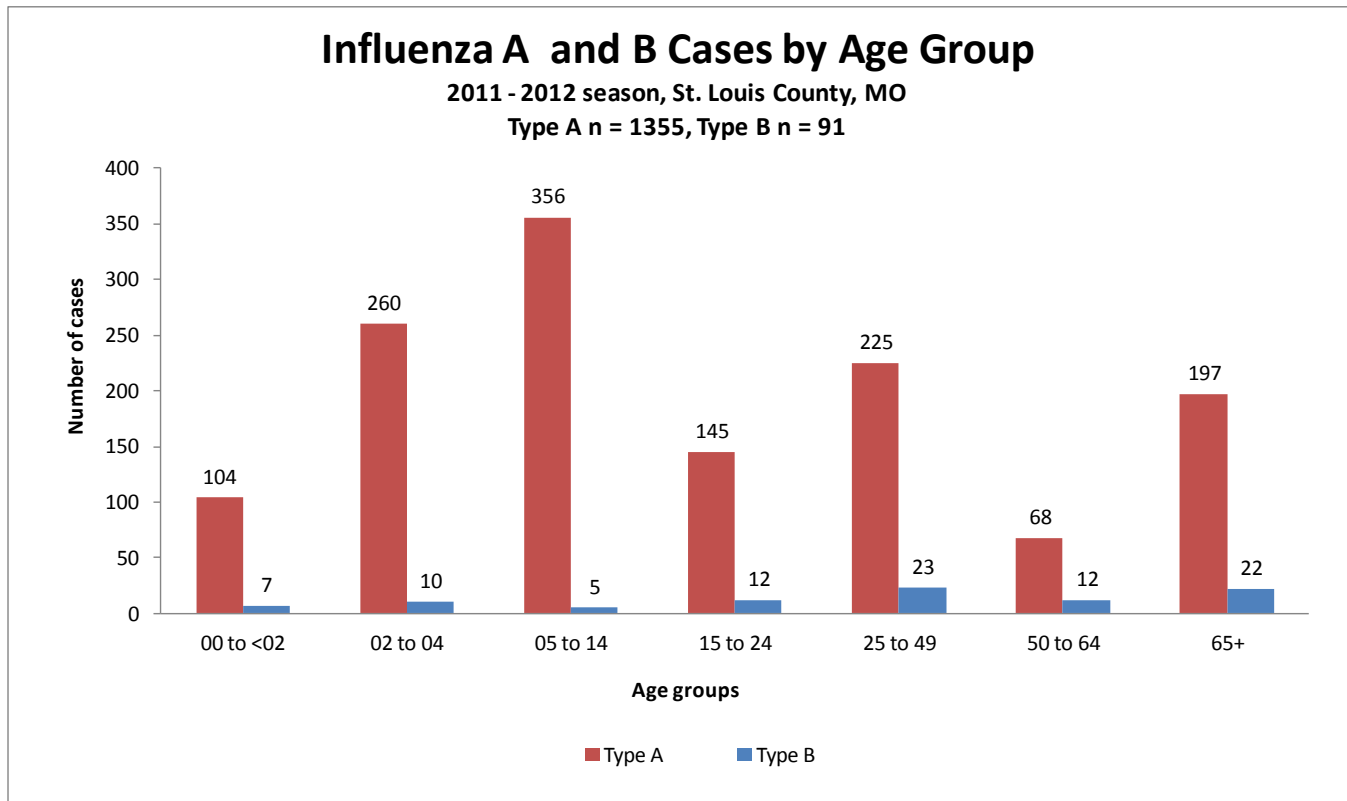
For Cases Reported between 09/26/2011 and 04/01/2012

Age Grp	Type A	Type B	Unk Type	Total
	n (% of total)	n (% of total)	n (% of total)	n (%)
00 to <02	104 (7)	7 (0)	0 (0)	111 (8)
02 to 04	260 (18)	10(1)	2 (0)	272 (19)
05 to 14	356 (24)	5 (0)	5 (0)	366 (25)
15 to 24	145 (10)	12 (1)	2 (0)	159 (11)
25 to 49	225 (15)	23 (2)	0 (0)	248 (17)
50 to 64	68 (5)	12 (1)	0 (0)	80 (5)
65+	197 (14)	22 (2)	0 (0)	219 (15)
Totals	1355 (93)	91 (6)	9 (1)	1455 (100)

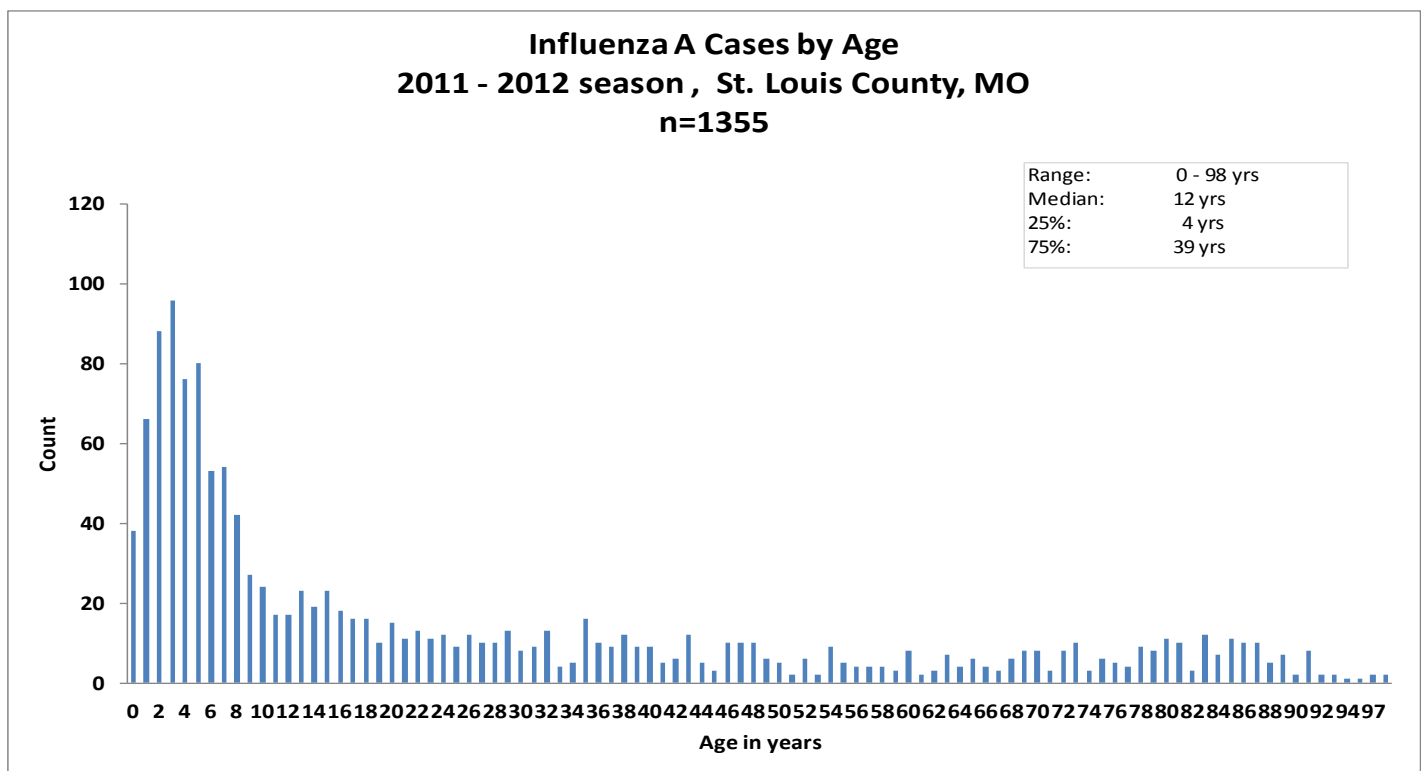
Total Influenza A cases by CDC Report Week, 07-08, 08-09, 09-10, 10-11, 11-12



Influenza A and B Cases by Age Groups



Influenza A cases by Age

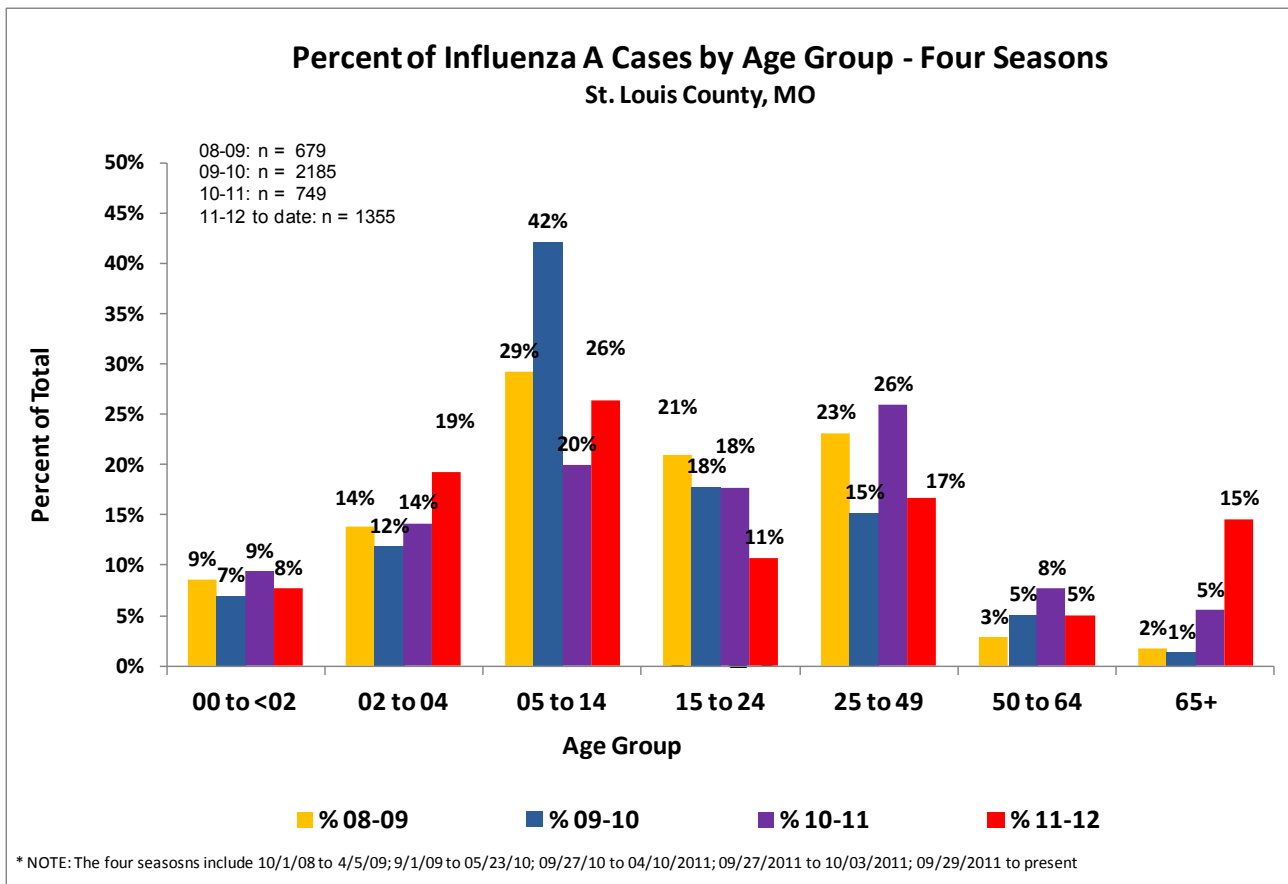


Influenza Surveillance Report

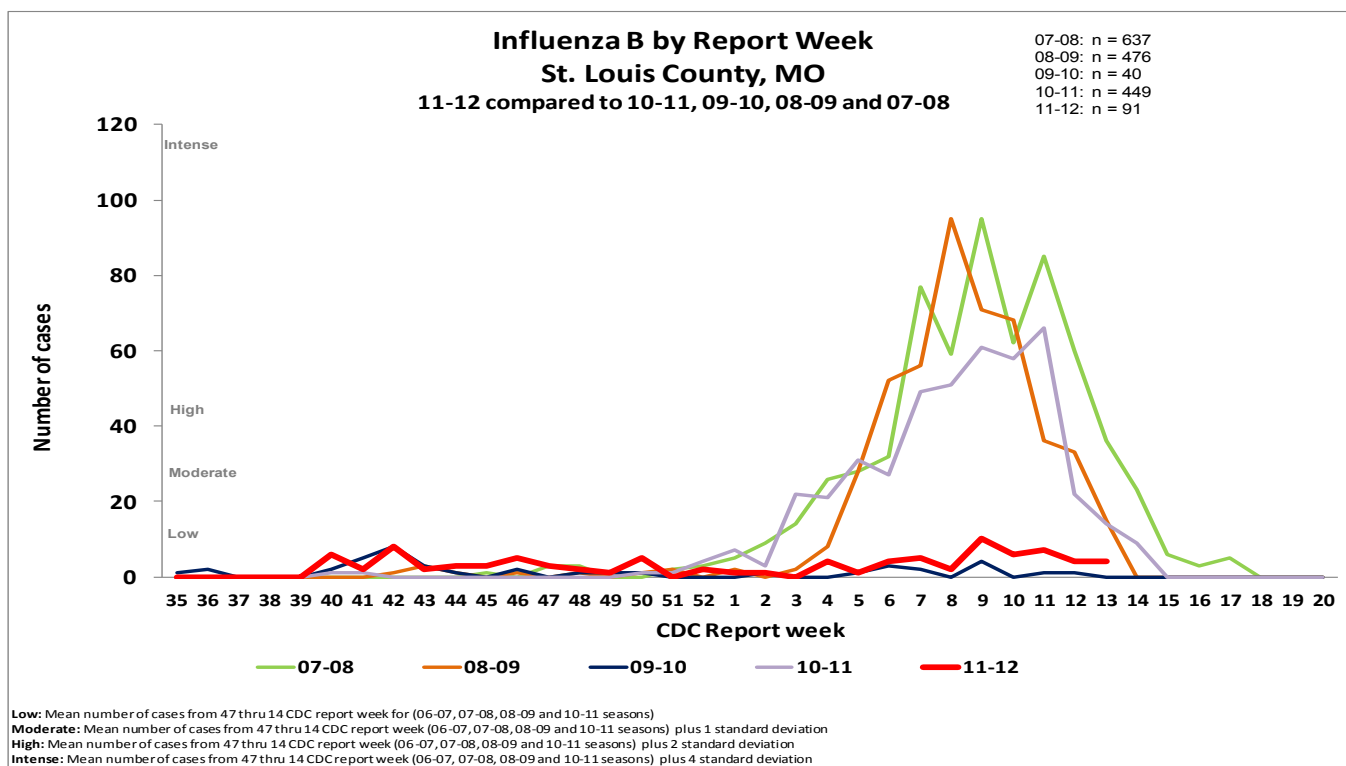
St. Louis County Department of Health, 4/3/2012



Percent of Influenza A Cases by Age Group, Last Four Seasons



Influenza B cases by CDC Report Week, 07-08, 08-09, 09-10, 10-11, 11-12



Influenza Surveillance Report

St. Louis County Department of Health, 4/3/2012



Over the Counter Medications and Supplies

The St. Louis County DOH continues to monitor the sales of over-the-counter (OTC) healthcare products through the National Retail Data Monitoring System (NRDMS) data that is imported into ESSENCE. Participating pharmacies in St. Louis County transmit OTC data daily to the NRDMS. Sales data of OTCs related to cough/colds at participating County pharmacies averaged 727 per day last week. Thermometer sales averaged 14 units per day last week.

Item	Daily Average Wk Ending 04/01	Daily Average Previous Wk.
Thermometers	14	14
Cough / cold OTCs	727	695

** Please note that the NRDMS data includes promotional and non-promotional sales.

Weekly Virus/Microbiology Update, St. Louis Children's Hospital*:

<http://www.stlouischildrens.org/content/ClinicalLaboratories.htm>

*courtesy of Gregory Storch, MD, and the St. Louis Children's Hospital Clinical Laboratory