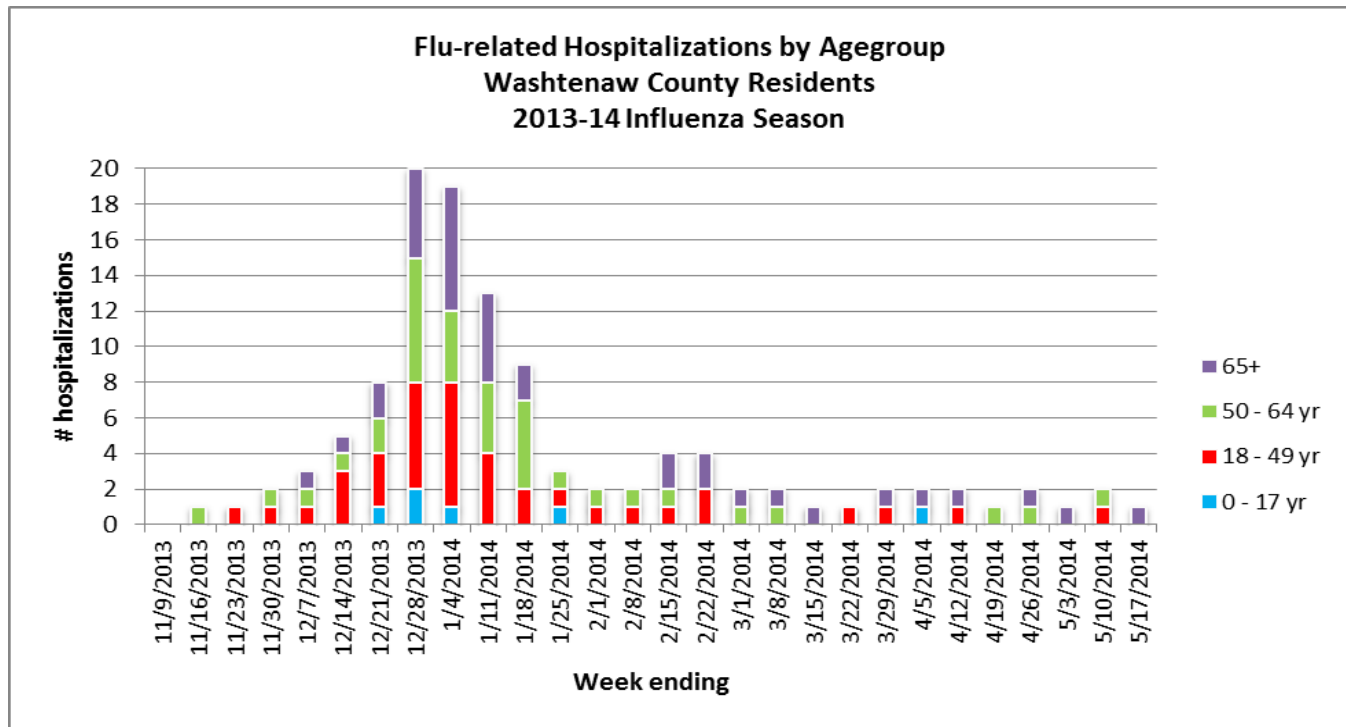


### Summary of 2013-14 Hospitalized Influenza Cases in Washtenaw Residents

**Overall:** This was a moderately severe flu season which was dominated by influenza A/H1N1; B viruses were circulating as well. An intense wave of A/H1N1 hit the community in late December and January causing numerous hospitalizations. The hospitalizations were fairly evenly distributed among younger (18 – 49 yrs), middle-aged (50 – 64 yrs) and older adults (65+ yrs). Few hospitalizations (5% of total) were seen in children 17 years and younger. Almost all hospitalized individuals had an underlying high-risk condition. Residents of the Ypsilanti area and African-American adults had higher rates of hospitalization than expected.

Total hospitalizations	ICU Admissions	Adult Flu-Associated Deaths*	Child Flu-Associated Deaths
116	20%	4	0

\*The deaths were in adults ≥ 70 years who had high-risk underlying health conditions. Influenza A was confirmed in all cases.



- **Ages of hospitalized cases** (range = 1 month – 91 yrs):
  - <1 year = 2%
  - 1 – 4 years = 0%
  - 5 – 17 years = 3%
  - 18 – 49 years = 34%
  - 50 – 64 years = 29%
  - 65+ years = 32%

➤ **Influenza strain of Washtenaw hospitalized cases:**

- A (not subtyped) = 70%
- A/H1N1 =21%
- A/H3 =1%
- B = 8%

➤ **Underlying conditions in adult hospitalized cases (n=110)**

- At least one underlying high-risk condition (including obesity) = 94%
- Asthma = 25%
- Diabetes = 28%
- Obese (BMI ≥ 30) = 33%
- Pregnancy = 4%

➤ **Length of hospitalization**

- Range: 1 – 43 days
- Median: 3 days
- Mean (average): 5.6 days

➤ **Geography**

<b>% of total hospitalized cases</b>	<b>Area within Washtenaw County</b>
50%	<b>Ypsilanti</b> (48197, 48198)
29%	<b>Ann Arbor</b> (48103, 48104, 48105, 48108)
10%	<b>Saline/Milan/Willis</b> (48176, 48160, 48191)
6%	<b>Chelsea/Dexter</b> (48118, 48130)
5%	<b>Whitmore Lake</b> (48189)

➤ **Race of adult hospitalized patients (n=109)**

- African-American = 29%
- Asian-American = 4%
- Caucasian = 67%

➤ **Flu vaccine status**

- **Hospitalized children (n=6):**
  - 2 children were too young for vaccine
  - 4 children (ages 10 – 15 years) = 25% vaccinated
- **Hospitalized adults (n= 110):**
  - 18 – 49 yr olds = 35% vaccinated
  - 50 – 64 yr olds = 39% vaccinated
  - 65 yrs and older = 65% vaccinated