



Massachusetts Department of Public Health
Bureau of Infectious Disease and Laboratory Sciences

MAIC Meeting 1/10/17
Influenza Season 2016-2017

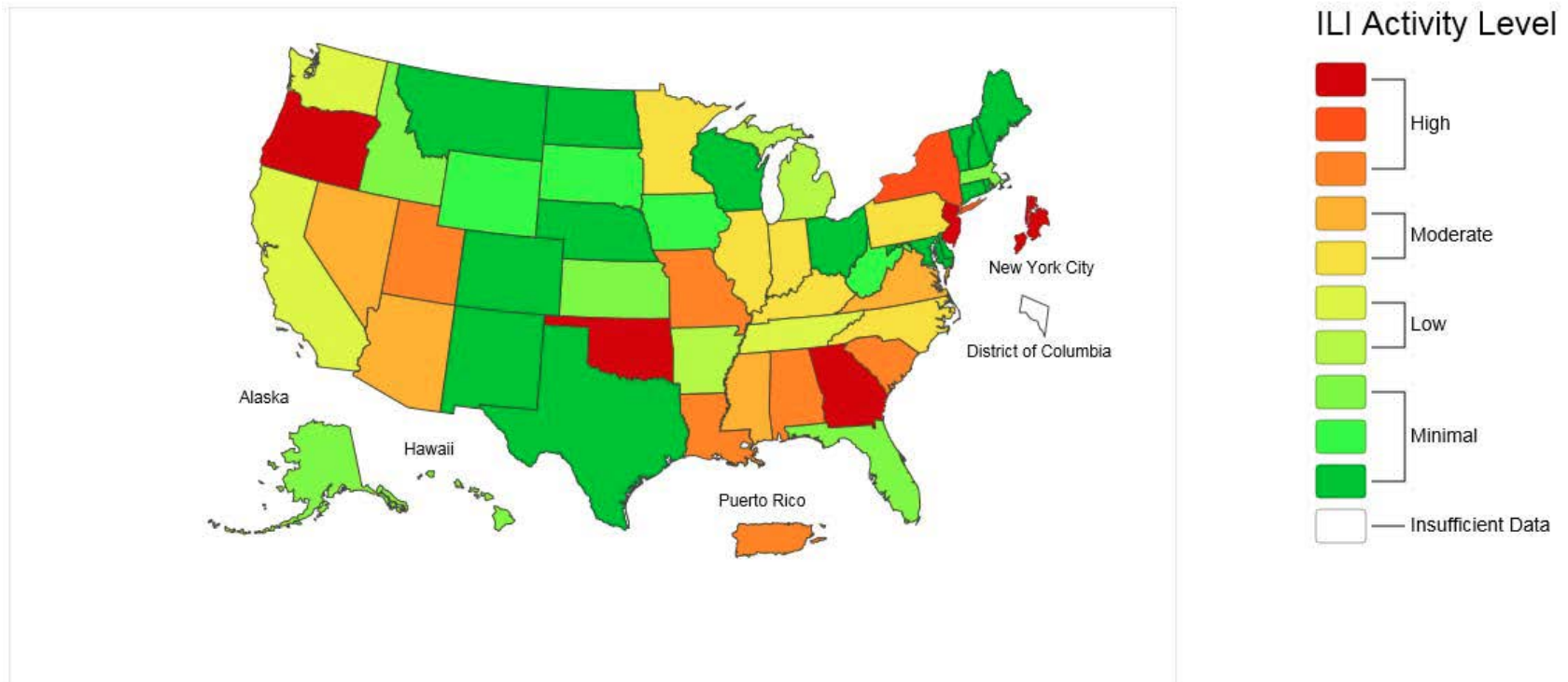
- Quick update
 - National
 - Local
- Key finding Flu vaccination coverage in the US
- NIVW – National Influenza Vaccination Week –
CDC - www.cdc.gov/flu/nivw/

Influenza Season 2016-2017

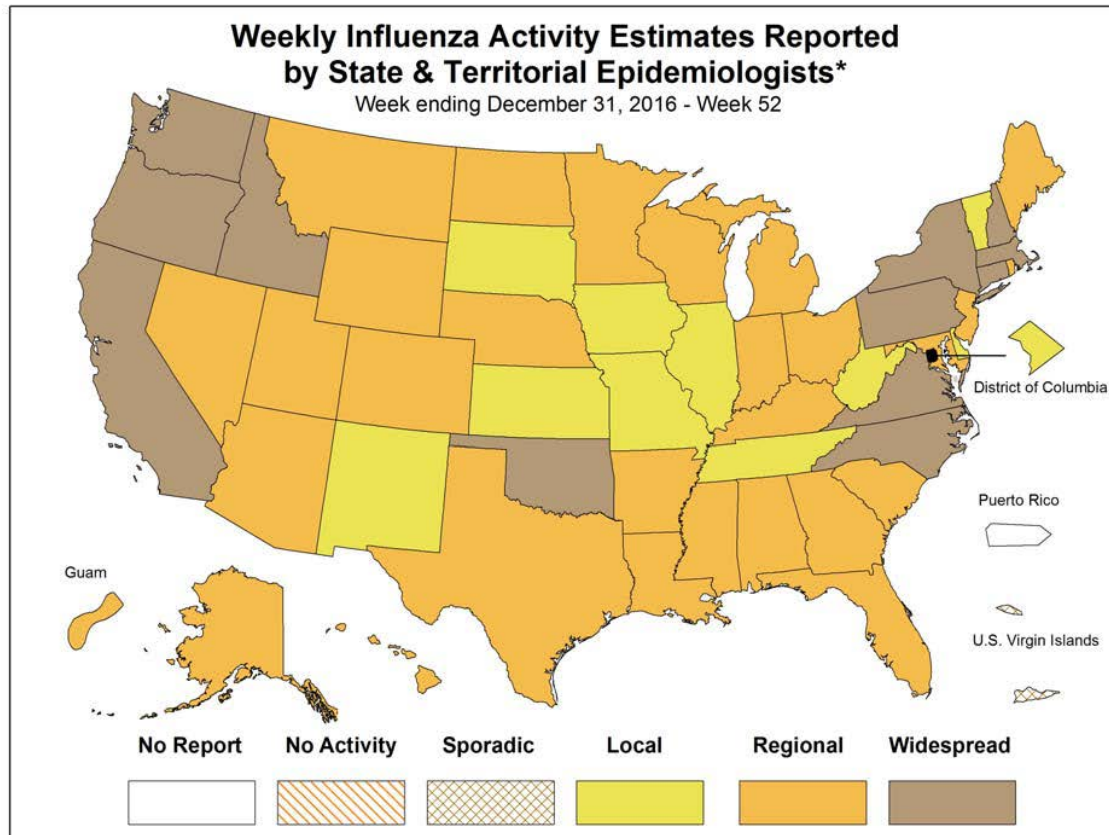
- Influenza A (H3) has been the most frequently identified influenza virus subtype reported by US public health laboratories.
- Nine out of ten surveillance regions in the US report elevated levels of outpatient ILI.

Influenza in the US 2016-17

Influenza-Like Illness (ILI) Activity Level Indicator Determined by Data Reported to ILINet
2016-17 Influenza Season Week 52 ending Dec 31, 2016



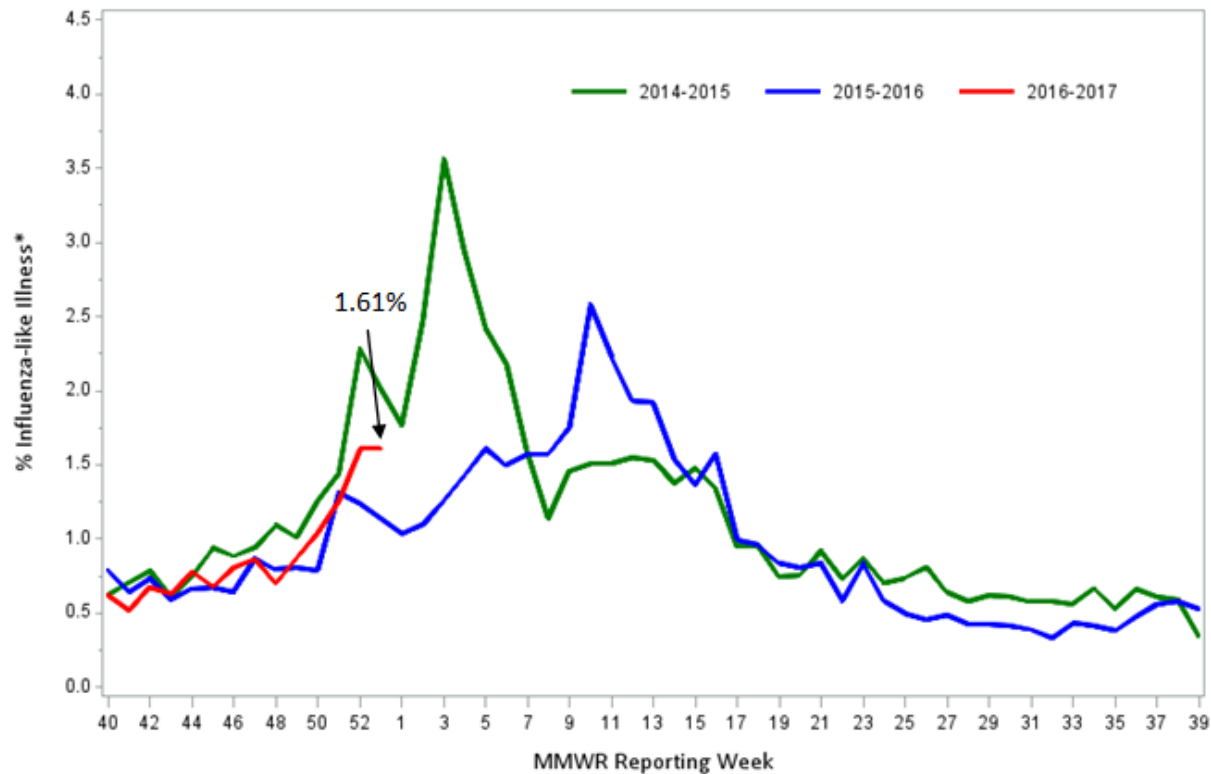
Influenza in the US 2016-17



* This map indicates geographic spread & does not measure the severity of influenza activity

Massachusetts - Influenza Activity 2016-17

Figure 1: Percentage of ILI visits reported by sentinel provider sites

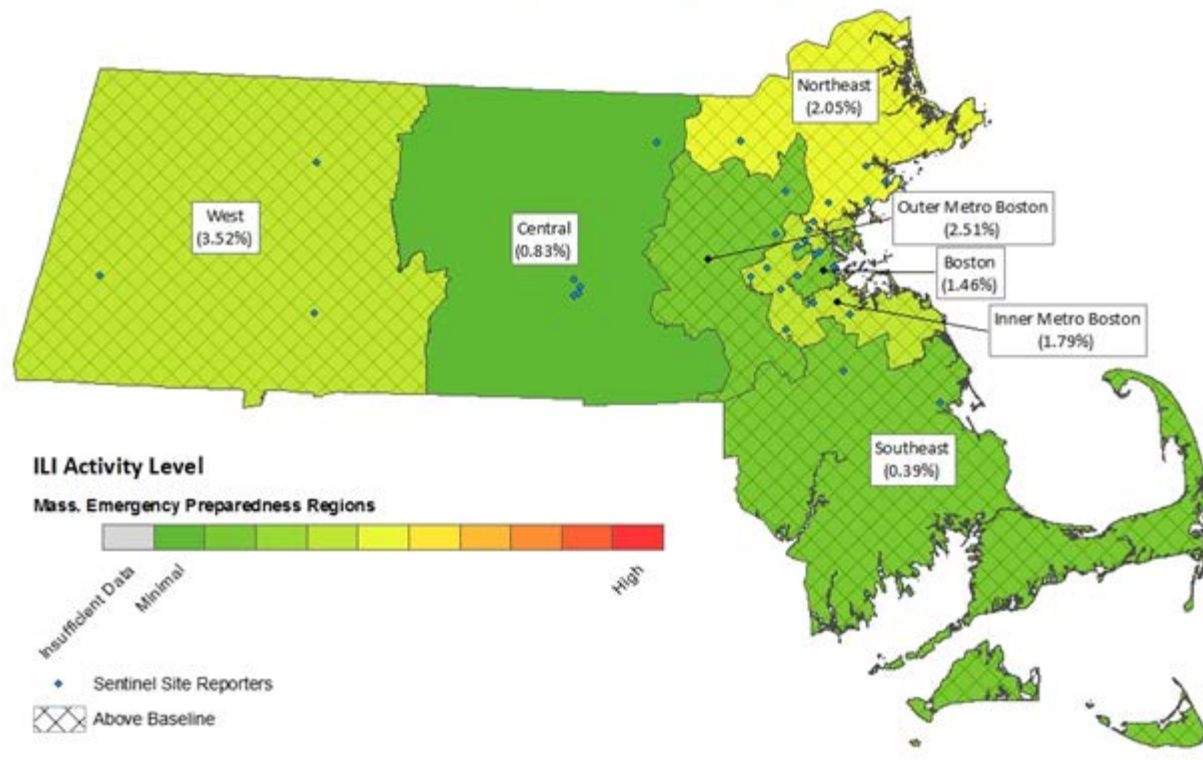


*Influenza-like illness (ILI, defined by fever >100F and cough and/or sore throat), as reported by Massachusetts sentinel surveillance sites

Massachusetts - Influenza Activity

2016-17

Figure 2: Percent ILI Activity Level Reported Weekly by Massachusetts Sentinel Sites



National Early-Season Flu Vaccination Coverage, United States, November 2016

- **Key Findings**
- Only approximately two of every five children and adults in the United States were vaccinated by early November 2016:
 - 39.8% of all persons 6 months and older
 - 37.3% of children 6 months through 17 years
 - 40.6% of adults 18 years and older

National Early-Season Flu Vaccination Coverage, United States, November 2016

- Early 2016–17 flu season vaccination coverage was similar to coverage at the same time last flu season for children, adults, and all persons 6 months and older.
- Among both children and adults, early-season flu vaccination coverage showed no racial/ethnic differences.

National Early-Season Flu Vaccination Coverage, United States, November 2016

- Among both adults and children, the most common places reported for receiving flu vaccination were medical locations (children: 85.4%, adults: 51.9%). Retail settings (24.3%) and workplaces (17.6%) were other important venues for adults.

National Early-Season Flu Vaccination Coverage, United States, November 2016

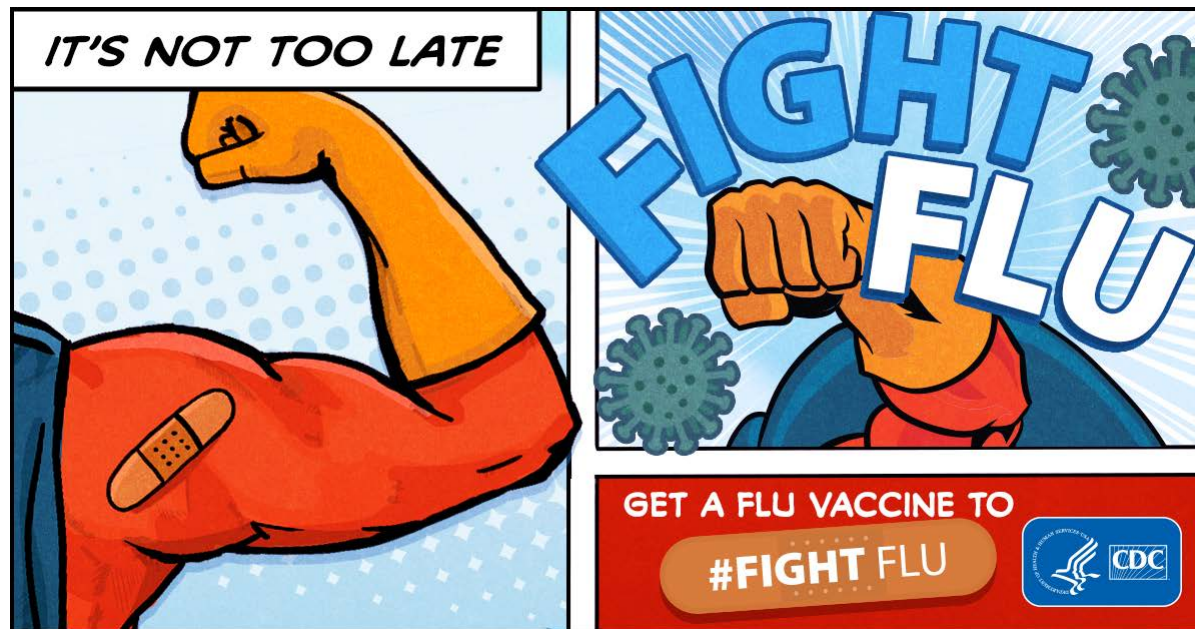
- Early-season 2016–17 flu vaccination coverage among HCP was 68.5%, similar to early-season coverage during the 2015–16 season (66.7%). During the previous two seasons, flu vaccination coverage increased by 12–13 percentage points from early season to the end of the season.

National Early-Season Flu Vaccination Coverage, United States, November 2016

- As of early November 2016, flu vaccination coverage among pregnant women before and during pregnancy was 46.6%, approximately 6 percentage points higher compared with 2015–16 early-season vaccination coverage (40.2%).

National Influenza Vaccination Week

- December 4-11, 2016
- MA Department of Health Blog: It's Not Too Late to Get a Flu Vaccine! <http://blog.mass.gov/publichealth/flu-facts/its-not-too-late-to-get-a-flu-vaccine/>
- Tweets throughout the week on DPH Twitter



CDC Flu retweeted MDPH tweet and blog

The screenshot shows the Twitter profile for CDC Flu (@CDCFlu). The profile header includes the CDC logo and a purple banner with the word 'FLU'. Statistics show 3,890 tweets, 129 following, 425K followers, 291 likes, and 1 list. A 'Follow' button is visible. The main content area shows a tweet from CDC Flu retweeting a tweet from Mass. Public Health (@MassDPH) dated Dec 9. The retweeted tweet contains a graphic with the text 'IT'S NOT TOO LATE' and 'FIGHT FLU' along with a call to action 'GET A FLU VACCINE TO #FIGHT FLU'. The CDC logo is also present in the graphic. Below the retweet, a tweet from CDC Flu (@CDCFlu) dated 1h ago is visible, with the text 'Healthcare professionals: We've got the resources and data you need to help your patients #FightFlu! cdc.gov/flu/profession'. The right sidebar contains a 'New to Twitter?' section with a 'Sign up' button, a 'You may also like' section with several account recommendations, and a 'Worldwide Trends' section with 'Craig Sager' and '#SuperMarioRun' listed.

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CDC

FLU

TWEETS 3,890 FOLLOWING 129 FOLLOWERS 425K LIKES 291 LISTS 1

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CDC Flu Retweeted

Mass. Public Health @MassDPH · Dec 9

Everyone 6 months and older is recommended to get a #flu vaccine every year. More info: bit.ly/2qUMr2n #FightFlu #NIVW2016

IT'S NOT TOO LATE

FIGHT FLU

GET A FLU VACCINE TO #FIGHT FLU

CDC

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- CDC_eHealth @CDC_eHealth
- CDC @CDCgov
- CDC Emergency @CDCemergency
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Worldwide Trends

Craig Sager 37.4K Tweets

#SuperMarioRun 55.5K Tweets

CDC Flu @CDCFlu - 1h

Healthcare professionals: We've got the resources and data you need to help your patients #FightFlu! cdc.gov/flu/profession