



# Influenza Update

February 18, 2015

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# Topics

- Describe current influenza-like-illness trends across the U.S.
- Describe current influenza-like-illness trends across the IHS
- Know influenza vaccine coverage rates for your IHS Area

# U.S. Influenza Activity

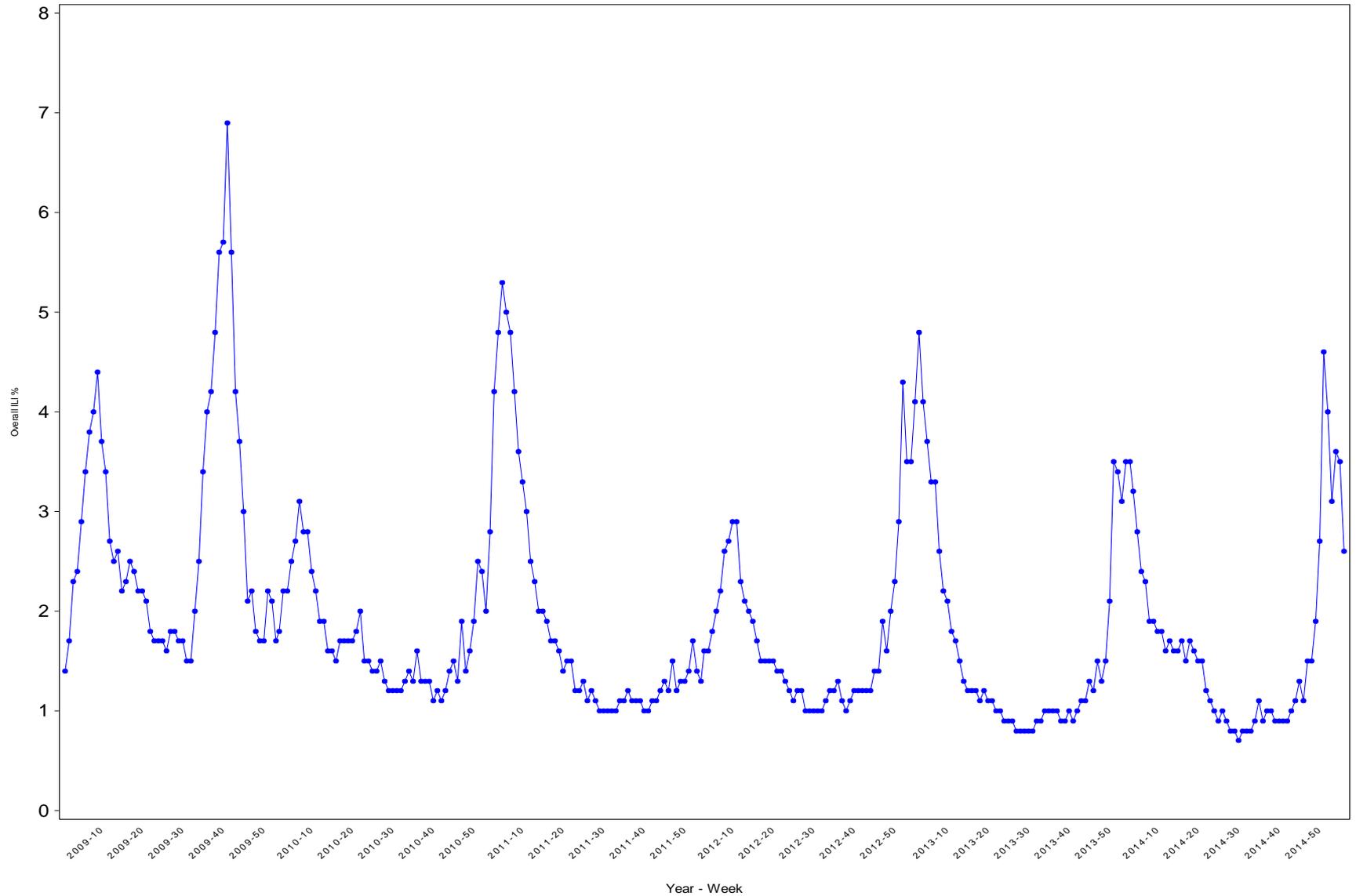
- ILI activity is still elevated but decreasing
  - Predominantly H3N2 viruses circulating
- This season has been severe for people 65 years and older, with very high hospitalization rates being recorded.
- Influenza antiviral drugs can treat flu illness.
  - CDC recommends these drugs be used to treat people who are very sick or who are at high risk of serious flu-related complications who have flu symptoms. Early antiviral treatment works best.





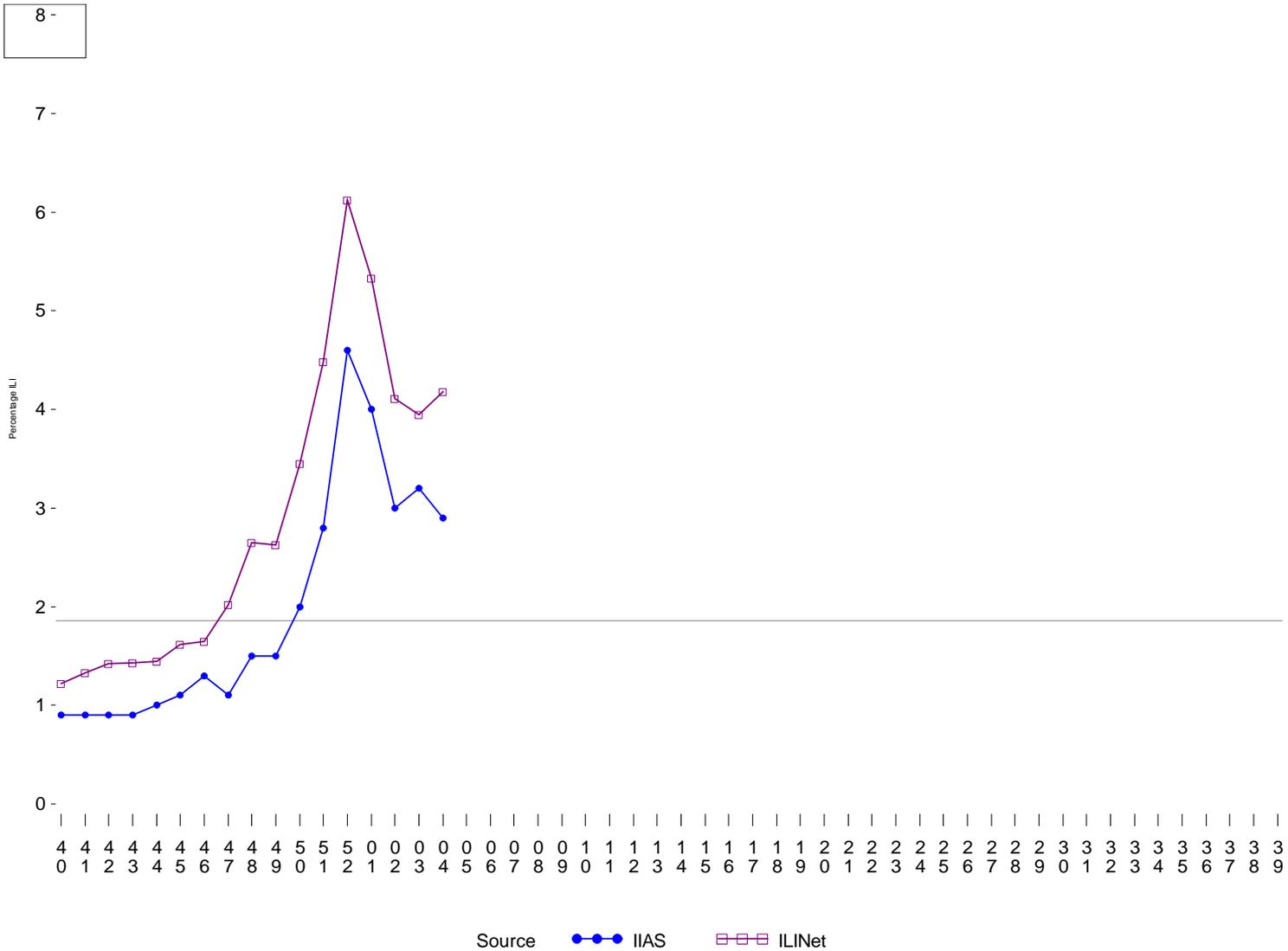
# **IHS INFLUENZA AWARENESS SYSTEM (IIAS)**

All IHS Areas  
Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
Percentage of Visits for ILI per week  
01/04/09 to 1/24/15 (Week 4)



Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

# Proportion of Outpatient Visits for Influenza-Like Illness (ILI) Percent ILI for FluYear 2014 – 2015 ILINet vs. IIAS

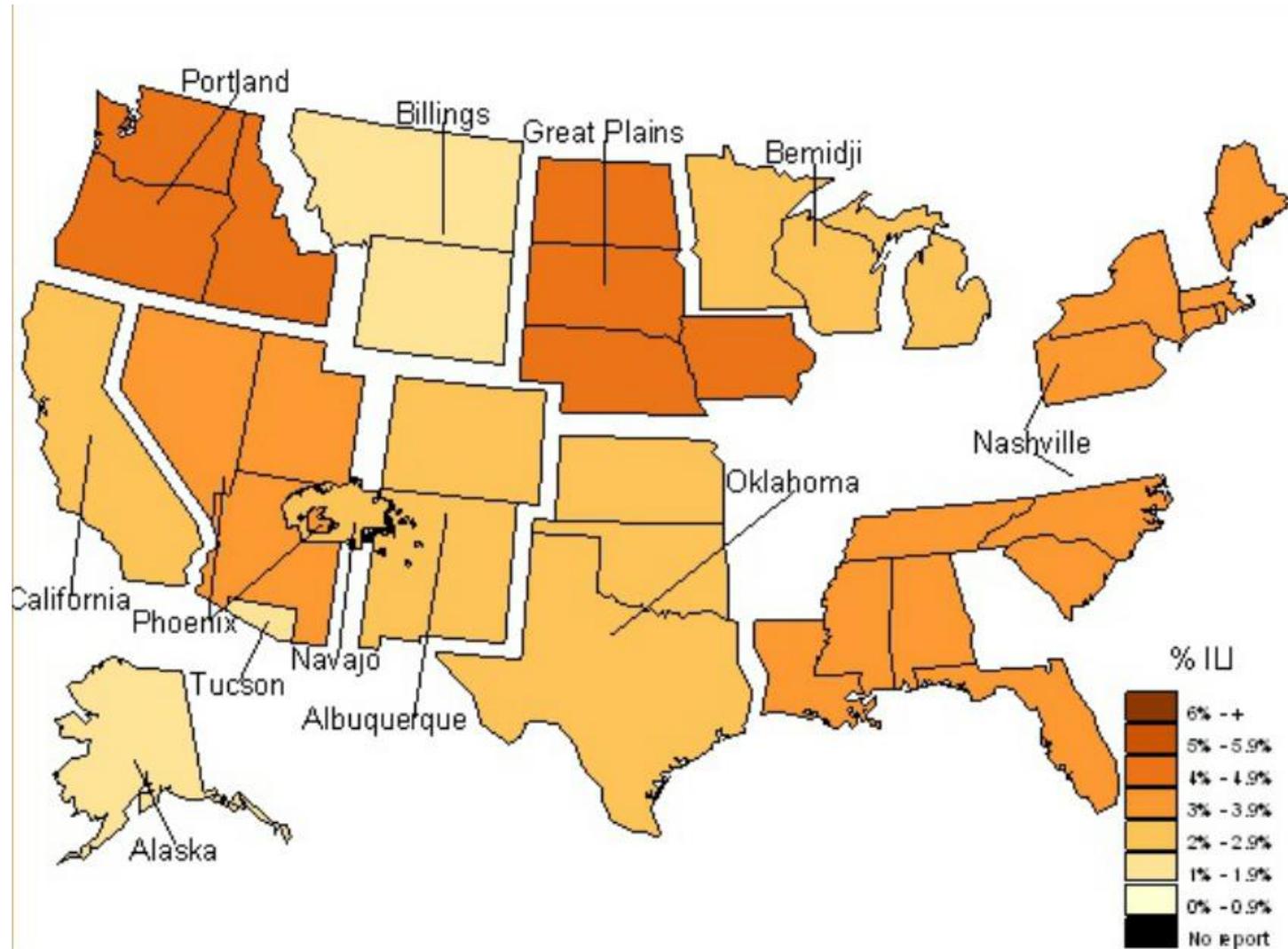


Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).

The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.



# ILI Activity by IHS Area Week 4



All IHS Areas  
 Seasonal Influenza Vaccine Coverage by Age Group\*  
 06/29/14 to 1/24/15  
 Active Clinical Population\*\*

Age Group	Active Clinical Population**	Seasonal Flu Vaccine (At Least 1 Dose)***	% Seasonal Flu (At Least 1 Dose)	Seasonal Flu Vaccine (At Least 2 Doses)	% Seasonal Flu (At Least 2 Doses)	Total #Doses Administered****
0 - 5 months	5,443	110	2.0	4	0.1	114
6 - 23 months	27,004	14,724	54.5	3,333	12.3	18,100
2 - 4 years	65,808	20,921	31.8	447	0.7	21,443
5 - 17 years	246,478	83,889	34.0	805	0.3	85,012
18 - 49 years	521,771	135,171	25.9	1,486	0.3	137,181
50 - 64 years	209,657	87,761	41.9	977	0.5	89,130
65 + years	116,979	58,196	49.7	762	0.7	59,324
Children (6 months-17 years)	339,290	119,534	35.2	4,585	1.4	124,555
Adults (18 + years)	848,407	281,128	33.1	3,225	0.4	285,635
All (6 months +)	1,187,697	400,662	33.7	7,810	0.7	410,190

\* Limited to sites that exported both doses administered and active clinical population data.

\*\* Active Clinical is defined as patients who have had at least 2 visits in the last 3 years.

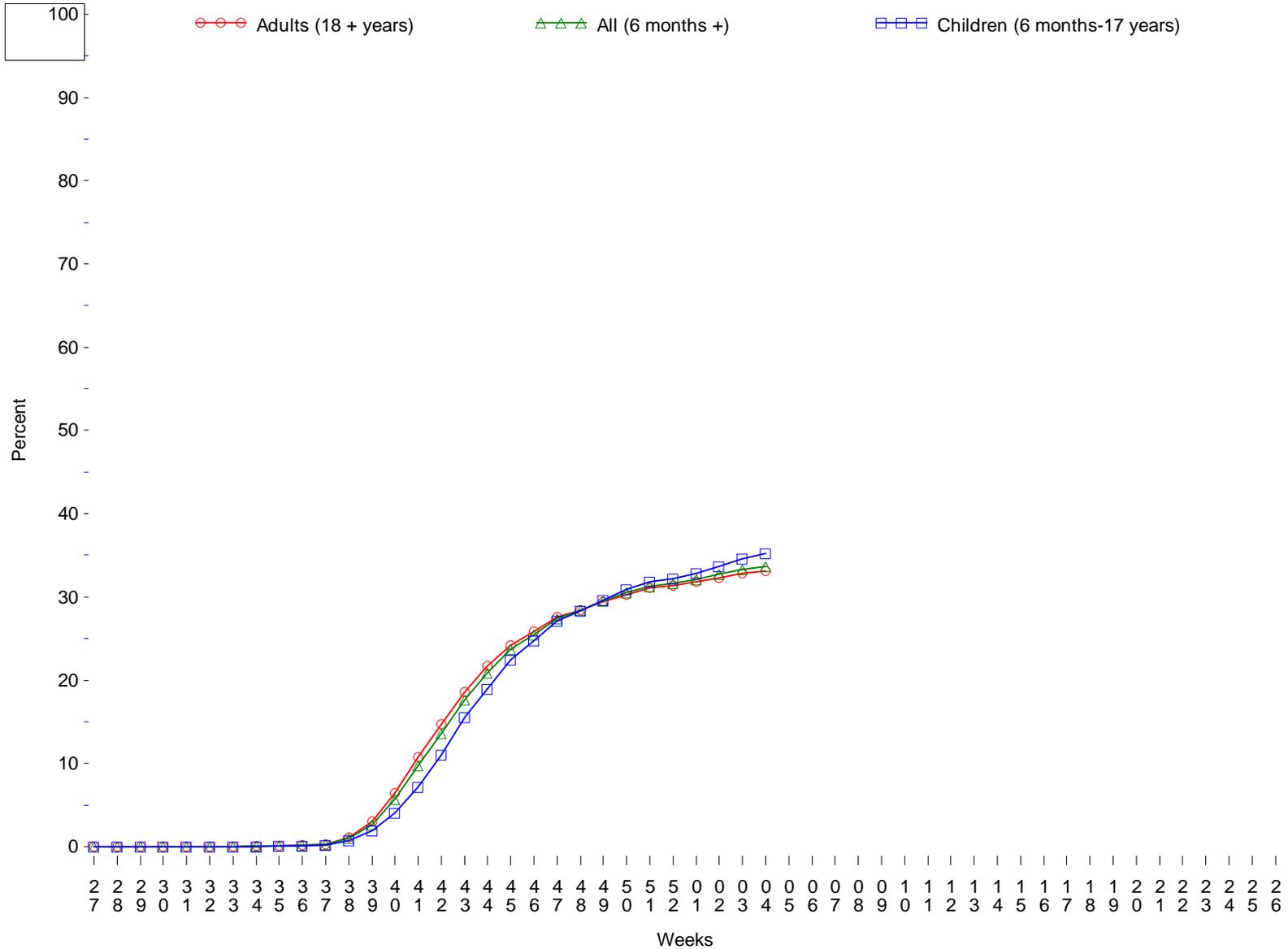
\*\*\* Number of unique patients with at least 1 dose.

\*\*\*\* Total # Doses Administered = All doses administered to patients including doses not included in coverage calculation due to lack of Active Clinical Population data.

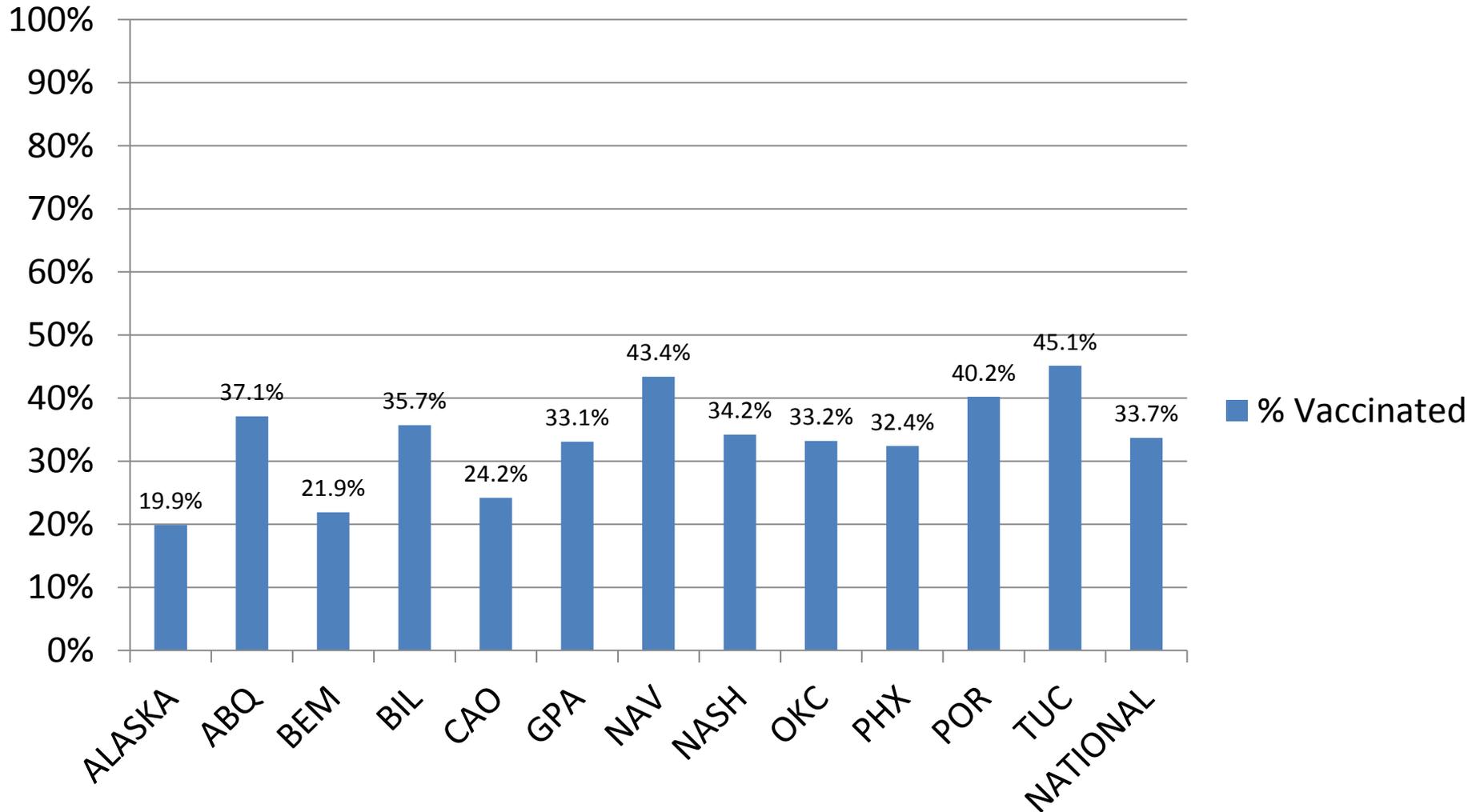
# All IHS Areas

## Cumulative One-Dose Seasonal Influenza Vaccine Coverage 06/29/14 to 1/24/15

### Active Clinical Population



# Seasonal Influenza Vaccine Coverage 6 Months and older Active Clinical User



# Summary

- ILI activity is still elevated but decreasing
- While vaccine effectiveness may be reduced against drifted H3N2 strains, vaccine remains the most effective tool to prevent influenza
  - Currently only 34% of IHS patient population has been vaccinated
- Early antiviral treatment is an important adjunct to vaccination

# IHS National Service Supply Center

- Flu Vaccine and Anti-viral orders
- Contact Ms. Christy Farrow (Gay)  
[christy.gay@ihs.gov](mailto:christy.gay@ihs.gov)
  - She will forward a Flu 413 Form for ordering