## Indian Health Service

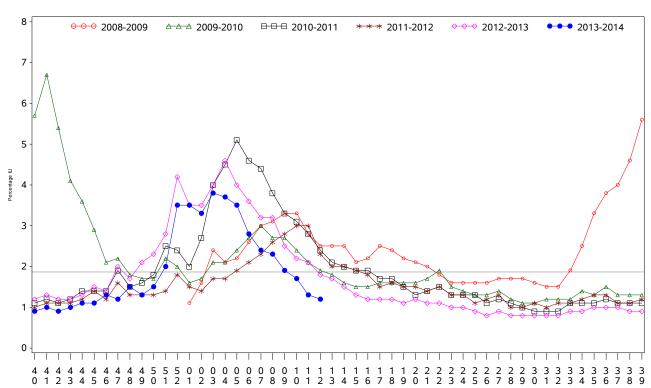


Division of Epidemiology and Disease Prevention

# Influenza Surveillance Report IHS Influenza Awareness System (IIAS) #25 (Week 12: 3/16/2014 – 3/22/2014)

- Overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased, though elevated activity continues in some parts of the U.S.
- This influenza season has been particularly hard on younger adults. This age group
  is also less likely to get vaccinated. In IHS, 29% of the IHS Active Clinical population
  18 49 years of age have been vaccinated.
- American Indian/Alaska Native people are at high risk for serious influenza-related complications. Early initiation of antiviral treatment for suspected influenza cases is particularly critical. Guidelines regarding influenza antiviral treatment can be found here: http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6001a1.htm

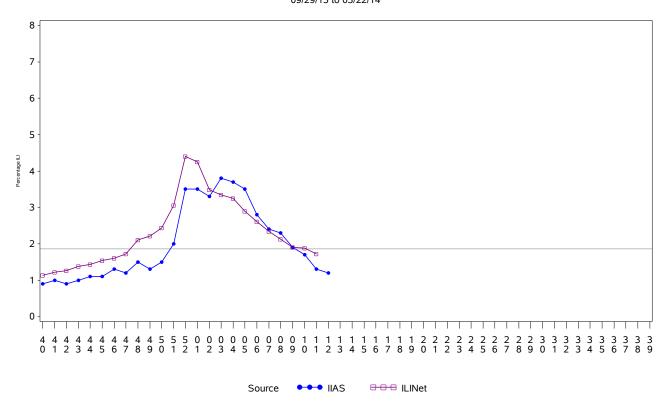
All IHS Areas Influenza-Like Illness (ILI) for All Surveillance Years Percentage of Visits for ILI per week 01/04/09 to 03/22/14



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

#### Proportion of Outpatient Visits for Influenza-Like Illness (ILI) Percent ILI for FluYear 2013 - 2014 ILINet vs. IIAS 09/29/13 to 03/22/14

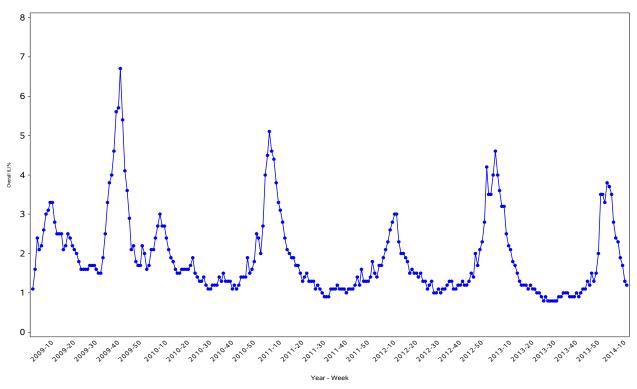


Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).

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.

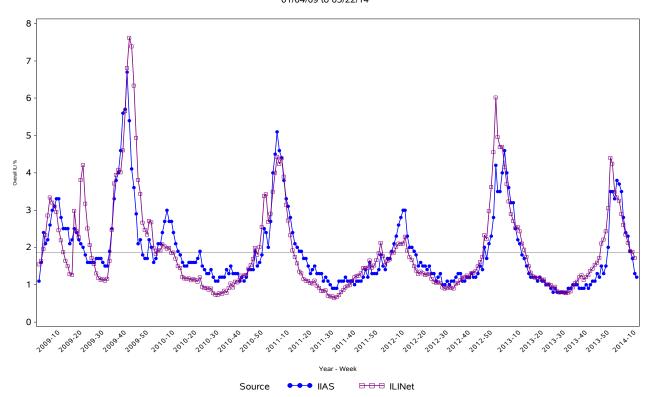
Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

All IHS Areas Influenza-Like Illness (ILI) All Surveillance Years - Continuous Percentage of Visits for ILI per week 01/04/09 to 03/22/14

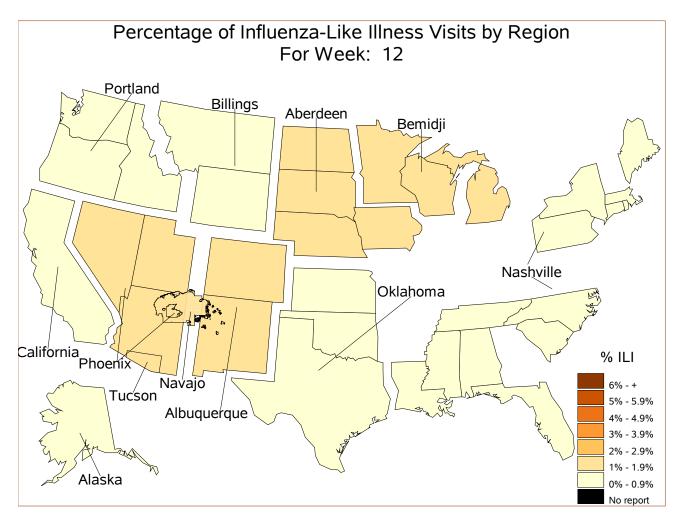


Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet Influenza-Like Illness (ILI) All Surveillance Years - Continuous Percentage of Visits for ILI per week 01/04/09 to 03/22/14



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



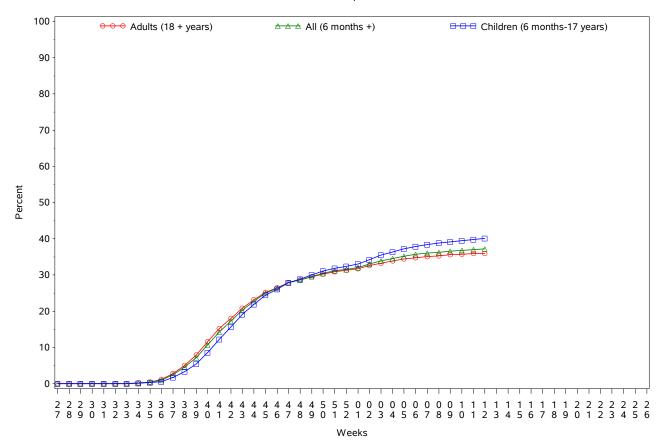
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 11	% in Week 12				
NATIONAL	1.3	1.2				
ABERDEEN	1.9	1.7				
ALASKA	0.8	0.7				
ALBUQUERQUE	1.6	1.6				
BEMIDJI	1.1	1.5				
BILLINGS	1.1	0.9				
CALIFORNIA	0.5	0.7				
NASHVILLE	1.0	0.8				
NAVAJO	2.6	1.8				
OKLAHOMA	0.8	0.5				
PHOENIX	1.5	1.6				
PORTLAND	0.8	0.7				
TUCSON	1.3	1.2				

### **IHS Influenza Vaccination\* Surveillance**

 As of 3/22/2014, sites reporting to the IIAS have administered 437,553 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

> All IHS Areas Cumulative One-Dose Seasonal Influenza Vaccine Coverage 06/30/13 to 03/22/14 Active Clinical Population



<sup>\*</sup> Not all sites are currently sending the newer influenza vaccine codes, which may result in an underestimate of vaccine coverage.

## Influenza Vaccination Coverage by 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	5,290	193	3.6	2	0.0	196
6 - 23 months	26,364	17,797	67.5	6,054	23.0	23,929
2 - 4 years	64,491	24,335	37.7	1,103	1.7	25,531
5 - 17 years	236,467	88,997	37.6	1,168	0.5	90,519
18 - 49 years	507,075	147,915	29.2	1,975	0.4	150,643
50 - 64 years	195,958	88,461	45.1	1,180	0.6	90,116
65 + years	107,334	55,511	51.7	912	0.8	56,815
Children (6 months- 17 years)	327,322	131,129	40.1	8,325	2.5	139,979
Adults (18 + years)	810,367	291,887	36.0	4,067	0.5	297,574
All (6 months +)	1,137,689	423,016	37.2	12,392	1.1	437,553

<sup>\*</sup> Not all sites are currently sending the newer influenza vaccine codes, which may result in an underestimate of vaccine coverage.

## Influenza Vaccination Doses Administered by Influenza Vaccination Type\*

Area	Inactive CVX Codes**	CVX 88 FLU- NOS**	CVX 111 FLU- LAIV3	CVX 135 FLU- HIGH	CVX 140 FLU- IIV3pf	CVX 141 FLU- IIV3	CVX 144 FLU- DERMAL	CVX 149 FLU- LAIV4	CVX 150 FLU- IIV4pf	CVX 153 FLU- ccIIV3	CVX 155 FLU- RIV3	CVX 158 IIV4	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes	Cumulative # of Doses Seasonal Flu
ABR	95	297	47	342	4707	19209	85	2368	1512	26	10	727	1	2412	208	32046
AKA	606	87	66	280	3411	7075	28	833	1879	8	4	299		416	279	15271
ALB	51	319	25	663	5405	21396	316	2105	1557	9	8	183		673	1289	33999
BEM	98	156	251	96	2794	9365	226	295	45	1	3	86		1613	374	15403
BIL	49	202	38	1001	14026	7066	261	2327	1231	9		23	2	198	294	26727
CAO	91	237	102	648	2358	12085	54	615	854	145		10		541	425	18165
NSA	83	87	13	81	3475	4549	461	147	383	2	1	6		181	171	9640
NAV	358	454	75	149	8663	88451	1	1711	2079	1	5	1207	37	917	1197	105305
OKC	429	3841	135	2181	13289	69364	146	3891	7655	4	7	570	527	3887	395	106321
PHX	224	430	65	678	17970	21809	48	2409	3836	1	11	778	9	1424	1546	51238
POR	147	532	416	444	4624	23030	121	2066	404	10	551	82		735	388	33550
TUC	26	29	108	4	5628	1763		422	799		3	68	1	295	143	9289
	2257	6671	1341	6567	86350	285162	1747	19189	22234	216	603	4039	577	13292	6709	456954

<sup>\*</sup> Not all sites are currently sending the newer influenza vaccine codes, which may result in an underestimate of vaccine coverage.

<sup>\*\*</sup> Active Clinical population is defined as patients who have had at least 2 visits in the last 3 years

<sup>\*\*\*</sup> Limited to sites that exported both doses administered and active clinical population data

<sup>\*\*</sup> Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 123 (FLU-H5N1), and 151 (FLU-NasNOS) should not be used to document flu vaccines given this flu season.

<sup>\*\*\*</sup> CVX Code 88 (FLU-NOS) should only be used to document flu vaccines given elsewhere when flu vaccine type is unknown.

This report includes data from the following # of RPMS databases:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	157	360
ABERDEEN	15	28
ALASKA	12	90
ALBUQUERQUE	13	24
ВЕМІОЛІ	3	8
BILLINGS	12	28
CALIFORNIA	13	20
NASHVILLE	20	23
NAVAJO	7	26
OKLAHOMA	21	46
PHOENIX	14	26
PORTLAND	26	34
TUCSON	1	7

<sup>\*</sup> Exporting databases may include data from multiple facilities.

<sup>\*\*</sup> Includes only facility categories: Hospital, Health Center, Health Station, Health Location, Alaska Village Clinic.