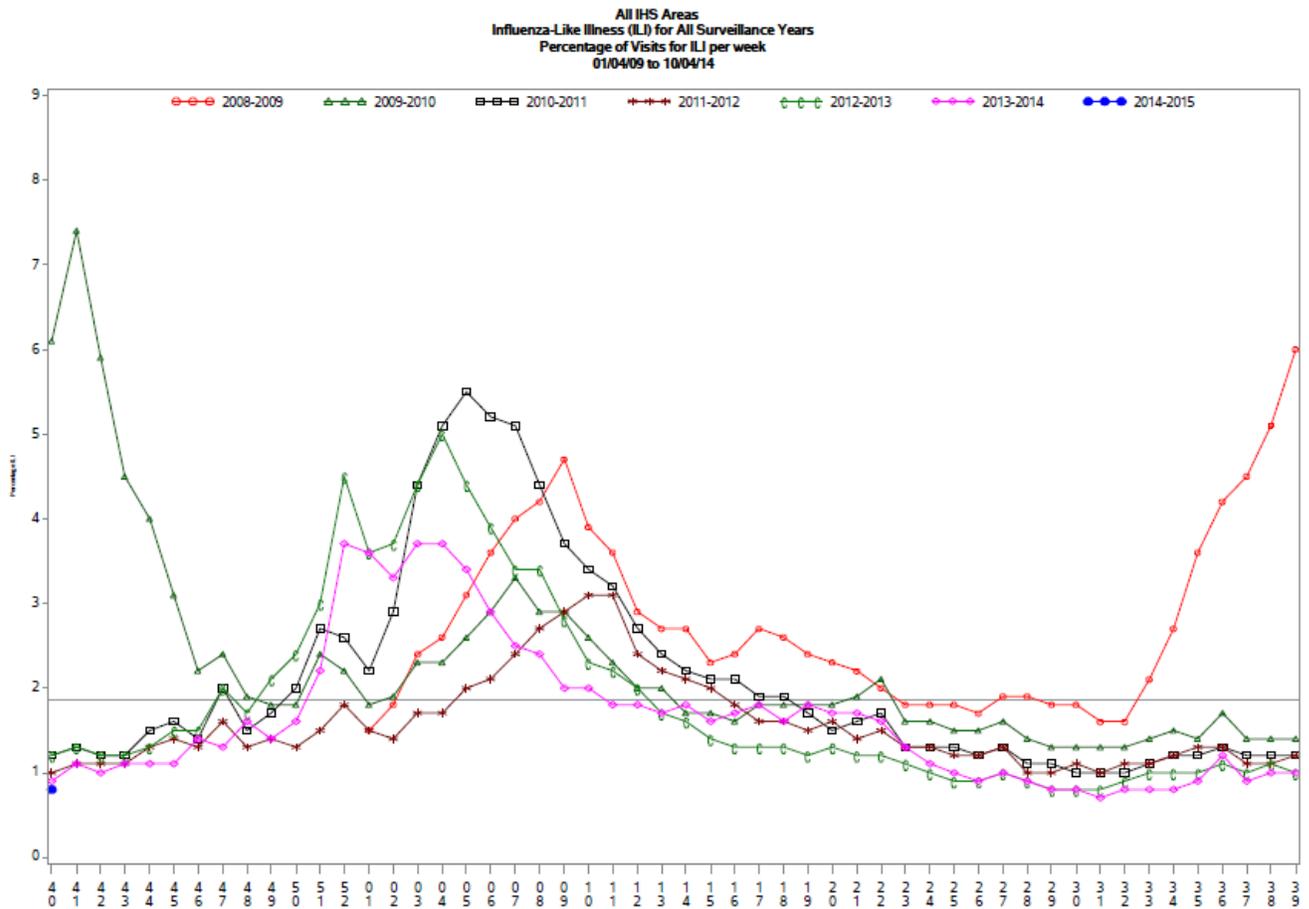




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**#1 (Week 40: 6/29/2014 – 10/4/2014)**

- Overall influenza-like-illness (ILI) activity in IHS and the U.S. is low.
- To date IHS has administered over 57,000 influenza vaccines for this season.
- Overall, 4.9% of the IHS Active Clinical population has received an influenza vaccine this season.



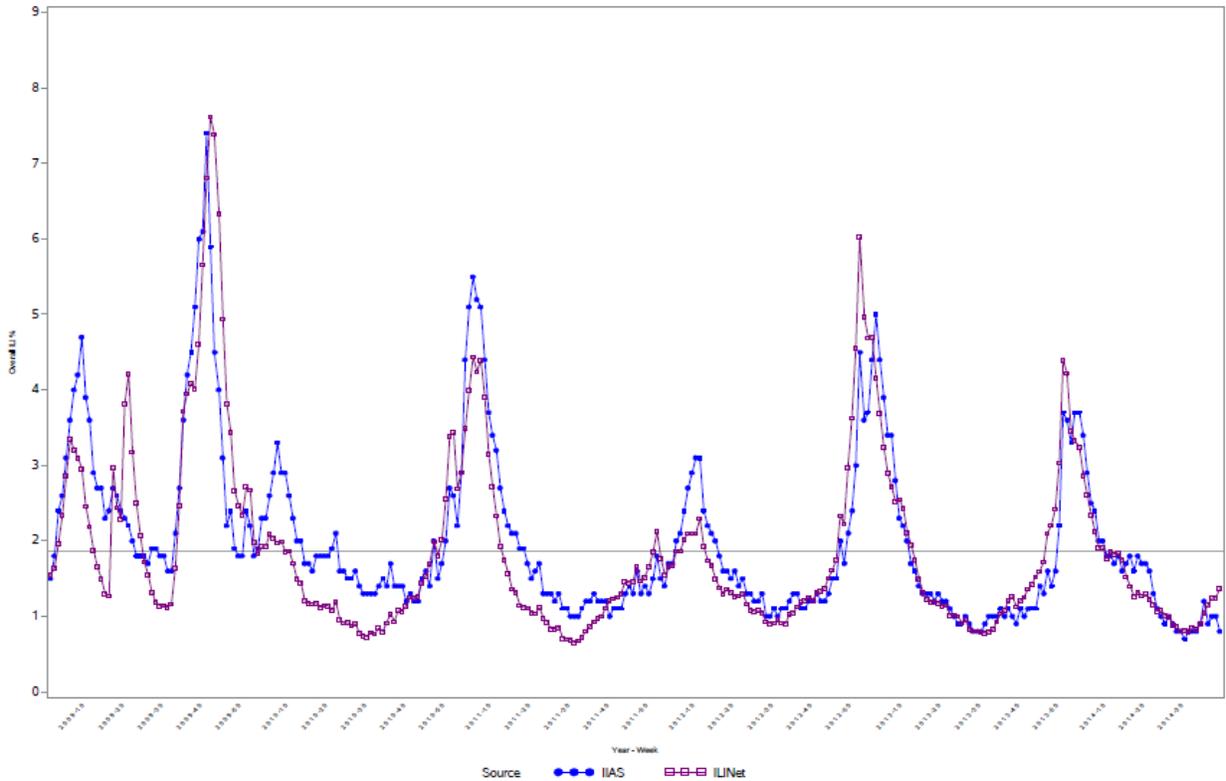
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for  
 ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)  
 Percent ILI for Flu Year 2014 - 2015  
 ILINet vs. IAS  
 09/28/14 to 10/04/14



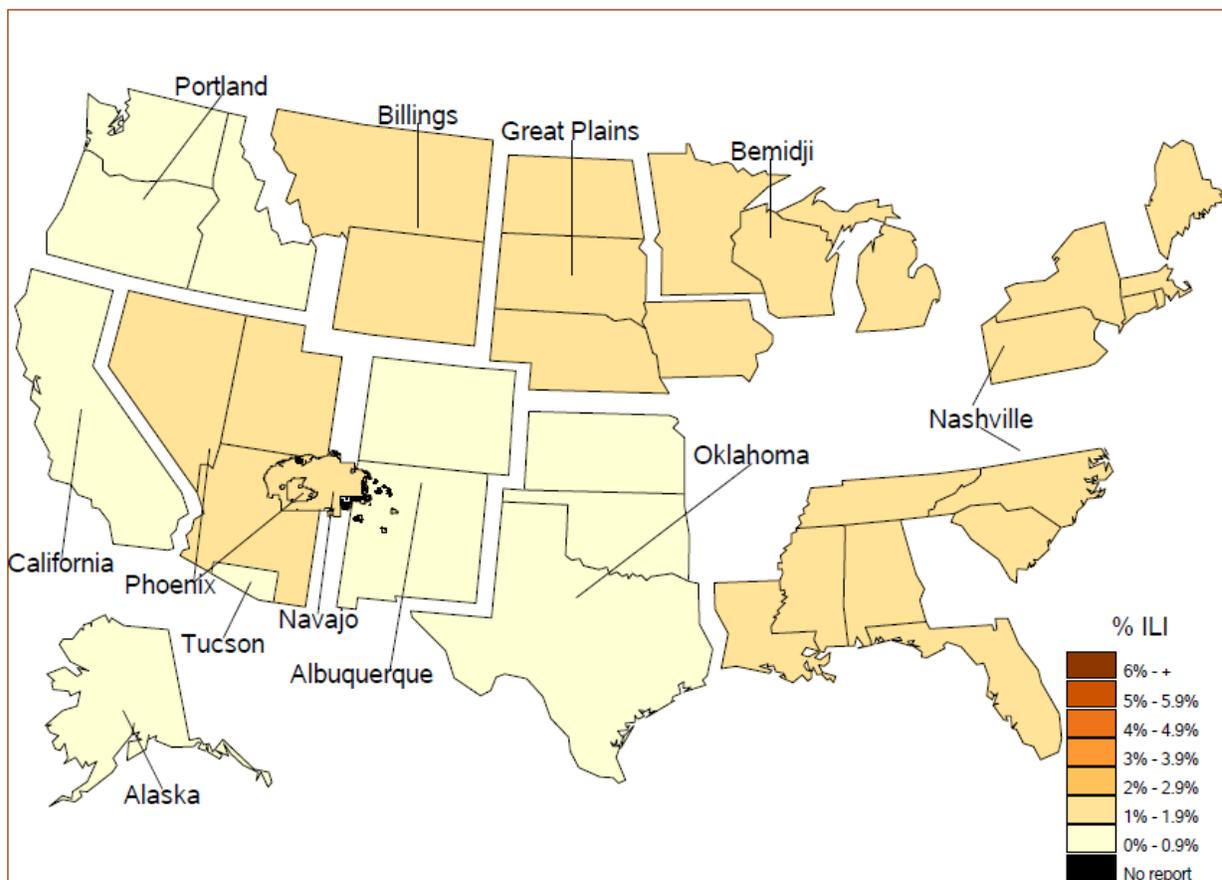
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for  
 ILI during non-influenza weeks for the previous three seasons plus two standard deviations.  
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IAS - IHS Influenza Awareness System

IAS versus ILINet  
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
 Percentage of Visits for ILI per week  
 01/04/09 to 10/04/14



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

**Percentage of Influenza-Like Illness Visits by Region  
For Week: 40**



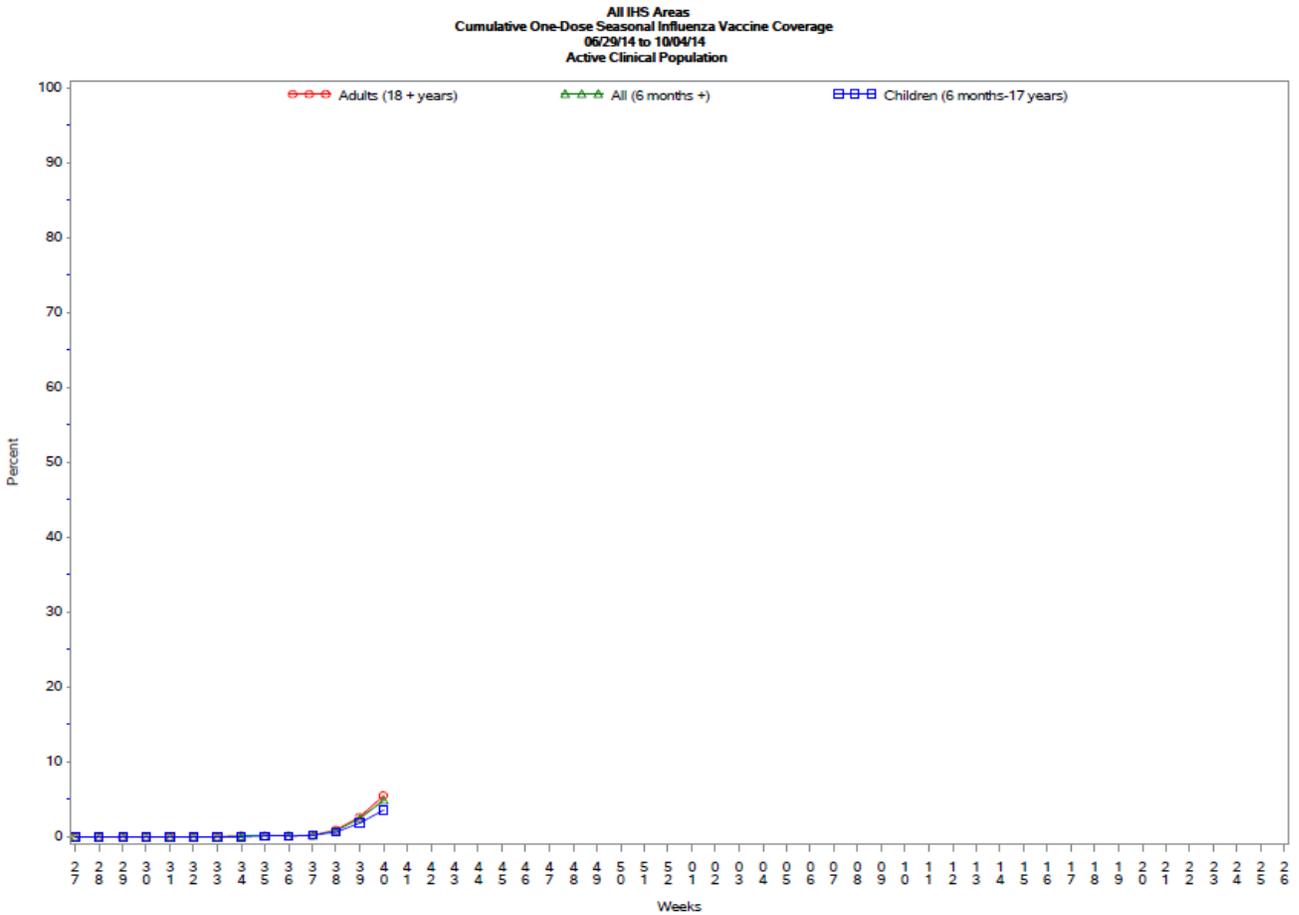
**% Visits for ILI Compared to Previous Week**

<b>IHS Areas</b>	<b>% in Week 39</b>	<b>% in Week 40</b>
NATIONAL	1.0	0.8
ALASKA	0.8	0.6
ALBUQUERQUE	0.6	0.8
BEMIDJI	1.4	1.5
BILLINGS	0.9	1.0
CALIFORNIA	0.5	0.4
GREAT PLAINS	1.2	1.0
NASHVILLE	1.4	1.0
NAVAJO	1.3	1.0
OKLAHOMA	0.8	0.6
PHOENIX	1.3	1.3
PORTLAND	0.3	0.5
TUCSON	0.5	0.9

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

## IHS Influenza Vaccination\* Surveillance

- As of 10/4/2014, sites reporting to the IIAS have administered 57,252 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



\* 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\*

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	5,372	22	0.4	4	0.1	26
6 - 23 months	26,736	1,505	5.6	8	0.0	1,515
2 - 4 years	64,229	2,410	3.8	3	0.0	2,417
5 - 17 years	239,505	8,057	3.4	14	0.0	8,094
18 - 49 years	505,953	20,215	4.0	66	0.0	20,401
50 - 64 years	201,462	14,522	7.2	69	0.0	14,676
65 + years	112,427	10,005	8.9	57	0.1	10,149
Children (6 months-17 years)	330,470	11,972	3.6	25	0.0	12,026
Adults (18 + years)	819,842	44,742	5.5	192	0.0	45,226
All (6 months +)	1,150,312	56,714	4.9	217	0.0	57,252

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

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

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

## 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-cclIV3	CVX 155 FLU-RIV3	CVX 158 IIV4	CVX 161 IIV4pf-ped	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	1	3	.	61	.	164	.	27	141	2	1	542	.	.	16	11	969
ALB	4	37	2	355	5	1968	8	423	922	.	.	210	.	.	36	30	4000
BEM	12	14	1	47	48	571	.	164	238	1	.	11	.	.	4	5	1116
BIL	68	11	1	283	62	471	.	407	2327	.	.	53	.	.	44	25	3752
CAO	16	28	1	207	133	2736	92	398	602	.	.	102	.	.	94	45	4454
GPA	5	15	9	124	18	2643	32	499	1612	2	.	720	.	.	144	7	5830
NSA	44	12	.	63	8	1106	59	159	540	.	1	87	.	7	24	13	2123
NAV	14	34	1	29	134	10023	.	235	682	.	.	195	.	.	70	66	11483
OKC	12	106	1	724	21	5532	35	580	3746	.	.	381	.	17	144	11	11310
PHX	5	60	.	224	13	1545	8	341	3987	.	2	598	.	1	79	63	6926
POR	7	106	1	184	337	1827	70	796	1288	4	.	688	.	.	138	67	5513
TUC	.	12	.	1	2	7	.	56	1214	.	.	126	.	1	19	2	1440
	<b>188</b>	<b>438</b>	<b>17</b>	<b>2302</b>	<b>781</b>	<b>28593</b>	<b>304</b>	<b>4085</b>	<b>17299</b>	<b>9</b>	<b>4</b>	<b>3713</b>	<b>0</b>	<b>26</b>	<b>812</b>	<b>345</b>	<b>58916</b>

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

\*\* 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.

\*\*\* 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:

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	178	663
ALASKA	12	178
ALBUQUERQUE	12	29
BEMIDJI	4	17
BILLINGS	13	40
CALIFORNIA	26	54
GREAT PLAINS	16	33
NASHVILLE	17	27
NAVAJO	9	132
OKLAHOMA	20	58
PHOENIX	18	37
PORTLAND	29	42
TUCSON	2	16

\* Exporting databases may include data from multiple facilities.

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