Indian Health Service



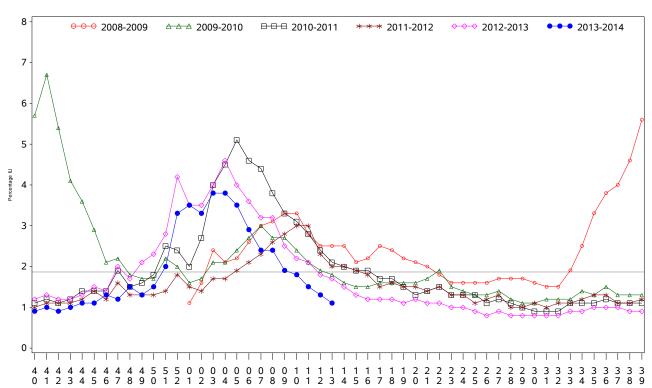
Division of Epidemiology and Disease Prevention

Influenza Surveillance Report

IHS Influenza Awareness System (IIAS)
#26 (Week 13: 3/23/2014 – 3/29/2014)

- Overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased, though elevated activity continues in some parts of the U.S and in the IHS Navajo region.
- 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

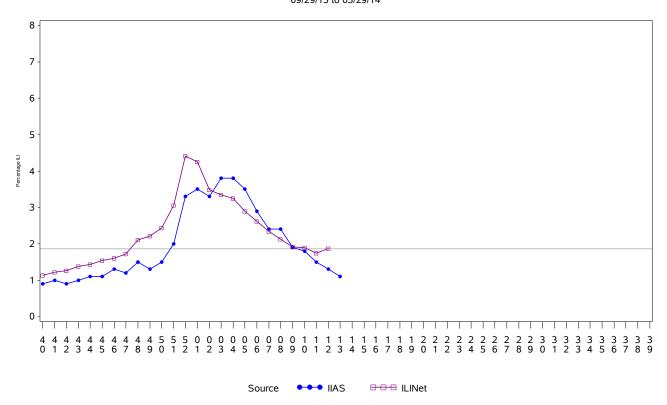
All IHS Areas Influenza-Like Illness (ILI) for All Surveillance Years Percentage of Visits for ILI per week 01/04/09 to 03/29/14



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 03/29/14

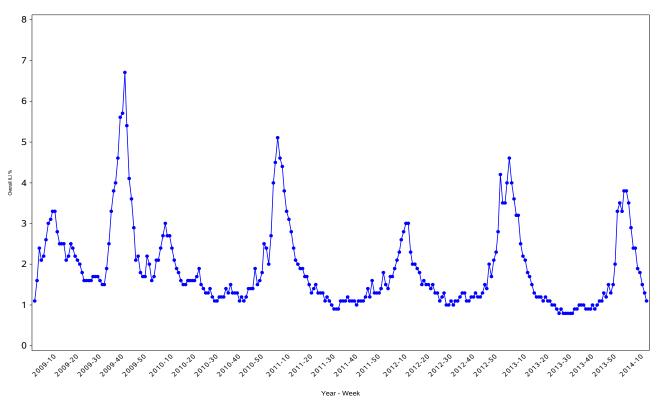


Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).

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.

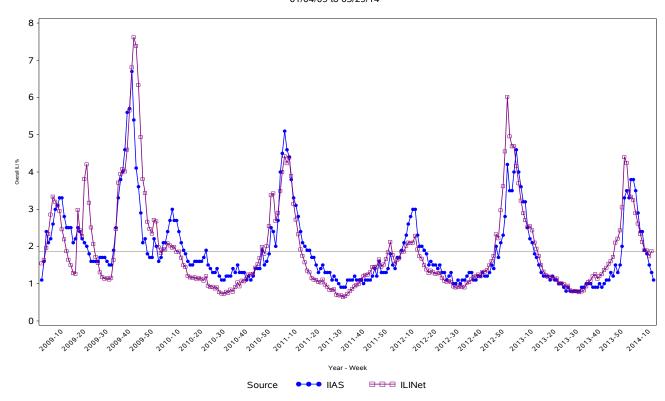
Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

All IHS Areas Influenza-Like Illness (ILI) All Surveillance Years - Continuous Percentage of Visits for ILI per week 01/04/09 to 03/29/14

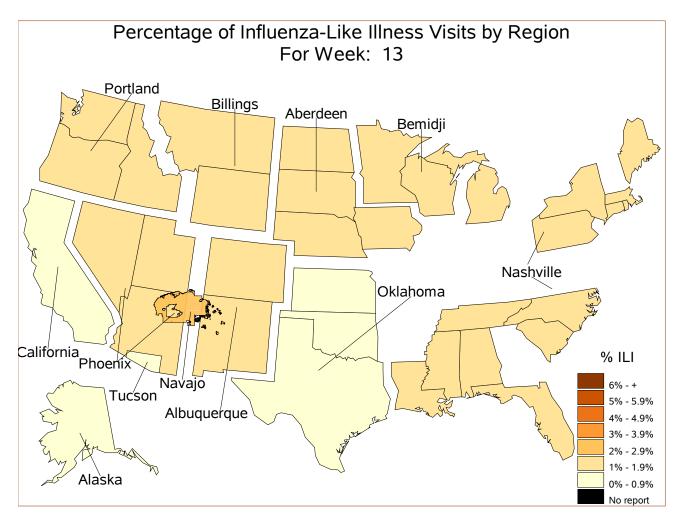


Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet
Influenza-Like Illness (ILI) All Surveillance Years - Continuous
Percentage of Visits for ILI per week
01/04/09 to 03/29/14



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



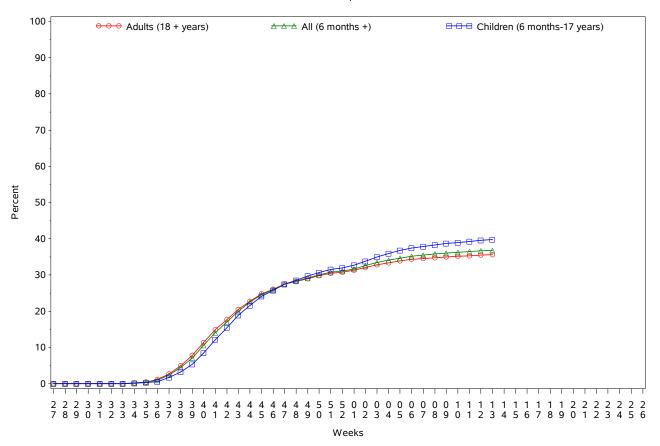
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 12	% in Week 13				
NATIONAL	1.3	1.1				
ABERDEEN	1.8	1.6				
ALASKA	0.7	0.9				
ALBUQUERQUE	1.7	1.6				
BEMIDJI	1.4	1.3				
BILLINGS	1.1	1.1				
CALIFORNIA	0.8	0.5				
NASHVILLE	0.9	1.0				
NAVAJO	2.4	2.0				
OKLAHOMA	0.8	0.4				
PHOENIX	1.7	1.3				
PORTLAND	0.8	1.0				
TUCSON	2.0	0.5				

IHS Influenza Vaccination* Surveillance

 As of 3/29/2014, sites reporting to the IIAS have administered 439,884 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 03/29/14 Active Clinical Population



^{*} 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	5,379	204	3.8	2	0.0	207
6 - 23 months	26,713	18,038	67.5	6,275	23.5	24,387
2 - 4 years	65,315	24,533	37.6	1,140	1.7	25,765
5 - 17 years	239,409	89,464	37.4	1,196	0.5	91,013
18 - 49 years	514,864	148,757	28.9	2,001	0.4	151,399
50 - 64 years	199,601	88,766	44.5	1,198	0.6	90,385
65 + years	109,408	55,649	50.9	919	0.8	56,935
Children (6 months- 17 years)	331,437	132,035	39.8	8,611	2.6	141,165
Adults (18 + years)	823,873	293,172	35.6	4,118	0.5	298,719
All (6 months +)	1,155,310	425,207	36.8	12,729	1.1	439,884

^{*} 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	299	47	344	4746	19321	85	2369	1527	26	10	727	1	2416	207	32220
AKA	609	87	66	280	3439	7121	28	833	1904	8	4	299		417	279	15374
ALB	51	322	25	663	5470	21534	316	2106	1565	9	8	187		675	1290	34221
BEM	99	157	251	96	2816	9398	226	295	45	1	3	88		1613	376	15464
BIL	49	204	38	1003	14173	7147	261	2330	1242	9		23	2	201	295	26977
CAO	93	240	104	648	2368	12155	54	616	857	145		10		545	428	18263
NSA	83	87	13	81	3480	4561	461	147	383	2	1	6		181	175	9661
NAV	359	454	75	149	8789	88765	1	1711	2111	1	5	1227	37	925	1202	105811
OKC	430	3926	135	2186	13360	69523	146	3901	7692	4	7	575	532	3903	396	106716
PHX	228	431	65	679	18114	21964	48	2411	3884	2	11	805	10	1431	1554	51637
POR	149	533	416	444	4660	23123	123	2071	407	10	551	83	•	735	392	33697
TUC	26	29	108	4	5670	1792	•	422	812		3	72	1	298	144	9381
	2271	6769	1343	6577	87085	286404	1749	19212	22429	217	603	4102	583	13340	6738	459422

^{*} 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

^{**} 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:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**				
NATIONAL	157	355				
ABERDEEN	15	28				
ALASKA	11	84				
ALBUQUERQUE	13	22				
BEMIDJI	5	11				
BILLINGS	12	28				
CALIFORNIA	13	20				
NASHVILLE	18	21				
NAVAJO	6	23				
OKLAHOMA	22	50				
PHOENIX	15	25				
PORTLAND	26	34				
TUCSON	1	9				

^{*} Exporting databases may include data from multiple facilities.

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