Indian Health Service

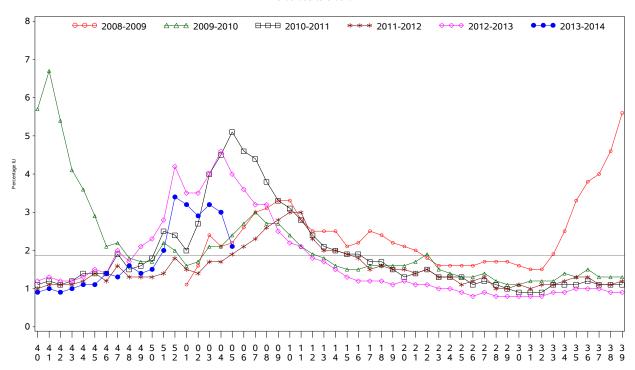


Division of Epidemiology and Disease Prevention

Influenza Surveillance Report IHS Influenza Awareness System (IIAS) #18 (Week 5: 1/26/2014 – 2/01/2014)

- While overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased this week, ILI levels remain elevated in some IHS regions.
- Hospitalizations and deaths from influenza are increasing.
- Currently only 35% of the IHS Active Clinical population has been vaccinated. Sites should continue to promote influenza vaccination.
- 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

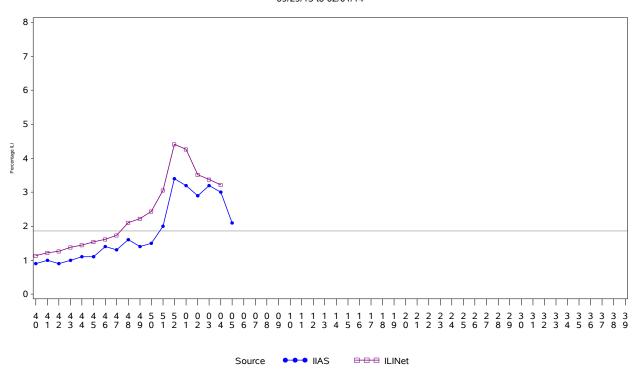
All IHS Areas Influenza-Like Illness (ILI) for All Surveillance Years Percentage of Visits for ILI per week 01/04/09 to 02/01/14



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 02/01/14

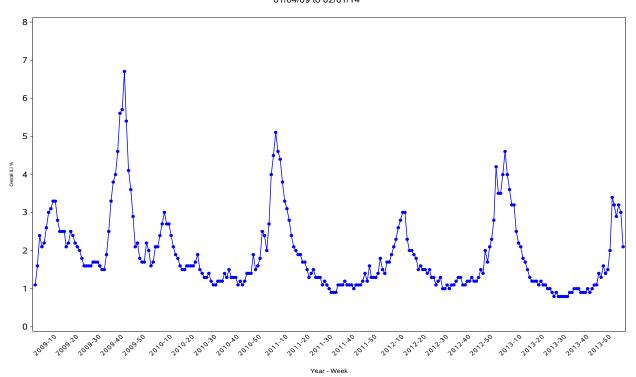


Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).

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.

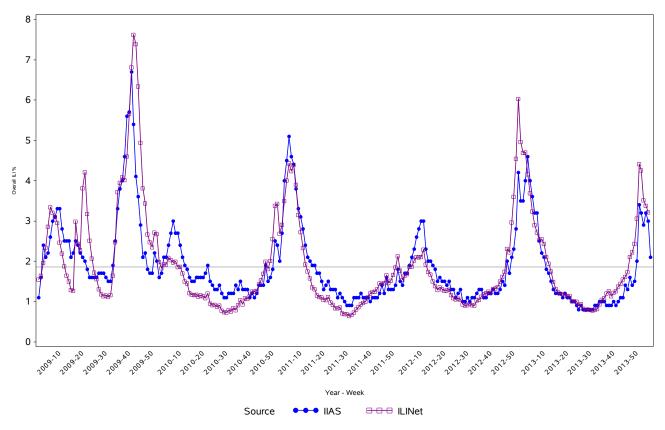
Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

All IHS Areas Influenza-Like Illness (ILI) All Surveillance Years - Continuous Percentage of Visits for ILI per week 01/04/09 to 02/01/14

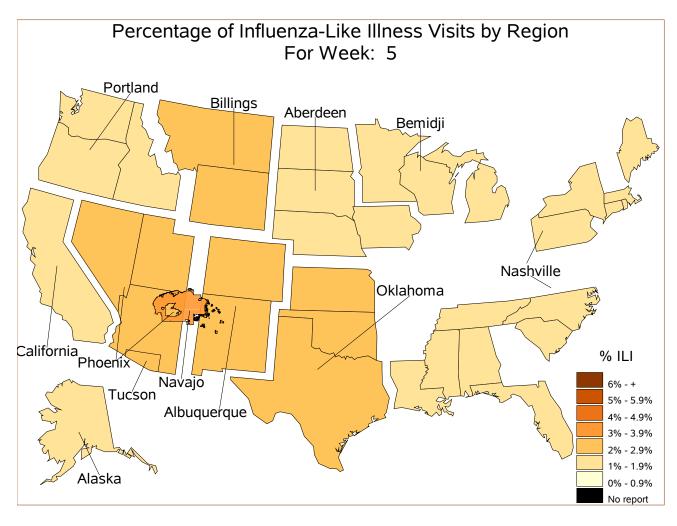


Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet Influenza-Like Illness (ILI) All Surveillance Years - Continuous Percentage of Visits for ILI per week 01/04/09 to 02/01/14



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



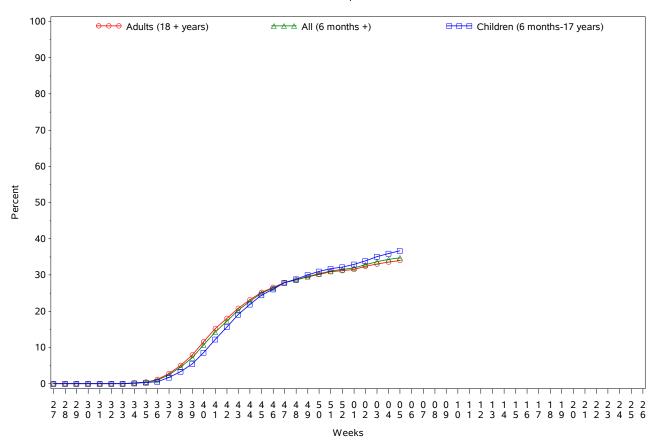
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 4	% in Week 5				
NATIONAL	3.0	2.1				
ABERDEEN	2.4	1.9				
ALASKA	1.7	1.0				
ALBUQUERQUE	3.4	2.3				
BEMIDJI	0.7	1.0				
BILLINGS	2.5	2.0				
CALIFORNIA	1.5	1.1				
NASHVILLE	1.6	1.2				
NAVAJO	3.8	3.2				
OKLAHOMA	4.4	2.3				
PHOENIX	2.4	2.3				
PORTLAND	1.3	1.3				
TUCSON	3.9	2.1				

IHS Influenza Vaccination* Surveillance

 As of 2/01/2014, sites reporting to the IIAS have administered 407,318 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 02/01/14 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	5,283	133	2.5	1	0.0	134
6 - 23 months	26,295	15,591	59.3	4,302	16.4	19,964
2 - 4 years	64,659	21,992	34.0	766	1.2	22,843
5 - 17 years	236,449	82,647	35.0	968	0.4	83,938
18 - 49 years	507,231	137,611	27.1	1,586	0.3	139,903
50 - 64 years	195,248	84,260	43.2	1,063	0.5	85,770
65 + years	106,946	53,692	50.2	823	0.8	54,900
Children (6 months- 17 years)	327,403	120,230	36.7	6,036	1.8	126,745
Adults (18 + years)	809,425	275,563	34.0	3,472	0.4	280,573
All (6 months +)	1,136,828	395,793	34.8	9,508	0.8	407,318

^{*} 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	92	283	45	333	4340	17968	84	2310	1324	22	10	716	1	2332	204	30064
AKA	572	82	67	253	2963	6514	28	790	1514	7	3	240		454	265	13752
ALB	48	278	23	646	4592	19364	306	2017	1258	9	8	147	•	651	1218	30565
BEM	90	147	244	93	2427	8554	222	227	41	1	3			1484	362	13895
BIL	43	145	35	991	12948	6545	256	2184	1101	8		10	1	186	289	24742
CAO	75	197	78	623	2130	11075	53	573	673	136		8	•	525	375	16521
NSA	81	67	13	80	3305	4313	454	141	324			5		162	152	9097
NAV	341	412	73	140	7546	85388	1	1699	1425	1	3	1058	33	875	1170	100165
OKC	398	3086	127	2107	12366	66229	140	3725	6952	4	6	539	483	3778	378	100318
PHX	193	381	62	667	16224	19570	43	2374	3218	1	8	655	8	1380	1513	46297
POR	128	488	397	437	4156	21587	93	1934	392	10	546	73		726	364	31331
TUC	23	29	108	4	5149	1520		405	707		3	56		263	132	8399
	2084	5595	1272	6374	78146	268627	1680	18379	18929	199	590	3507	526	12816	6422	425146

^{*} 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	369
ABERDEEN	16	29
ALASKA	12	88
ALBUQUERQUE	11	15
BEMIDJI	1	7
BILLINGS	12	29
CALIFORNIA	15	21
NASHVILLE	17	20
NAVAJO	7	39
OKLAHOMA	22	48
PHOENIX	16	28
PORTLAND	27	38
TUCSON	1	7

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

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