



**Indian Health Service**  
Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**(Week 15: 4/10/2016 – 4/16/2016)**

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- To date IHS has administered over 395,000 doses of influenza vaccine.
- Overall, 35% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas  
Influenza-Like Illness (ILI) for All Surveillance Years  
Percentage of Visits for ILI per week  
01/04/09 to 04/16/2016

The IIAS is experiencing technical difficulties with the data in this graph.  
As a result we will not be posting this graph for this week.  
Data from CDC for the US can be found at <http://www.cdc.gov/flu/>

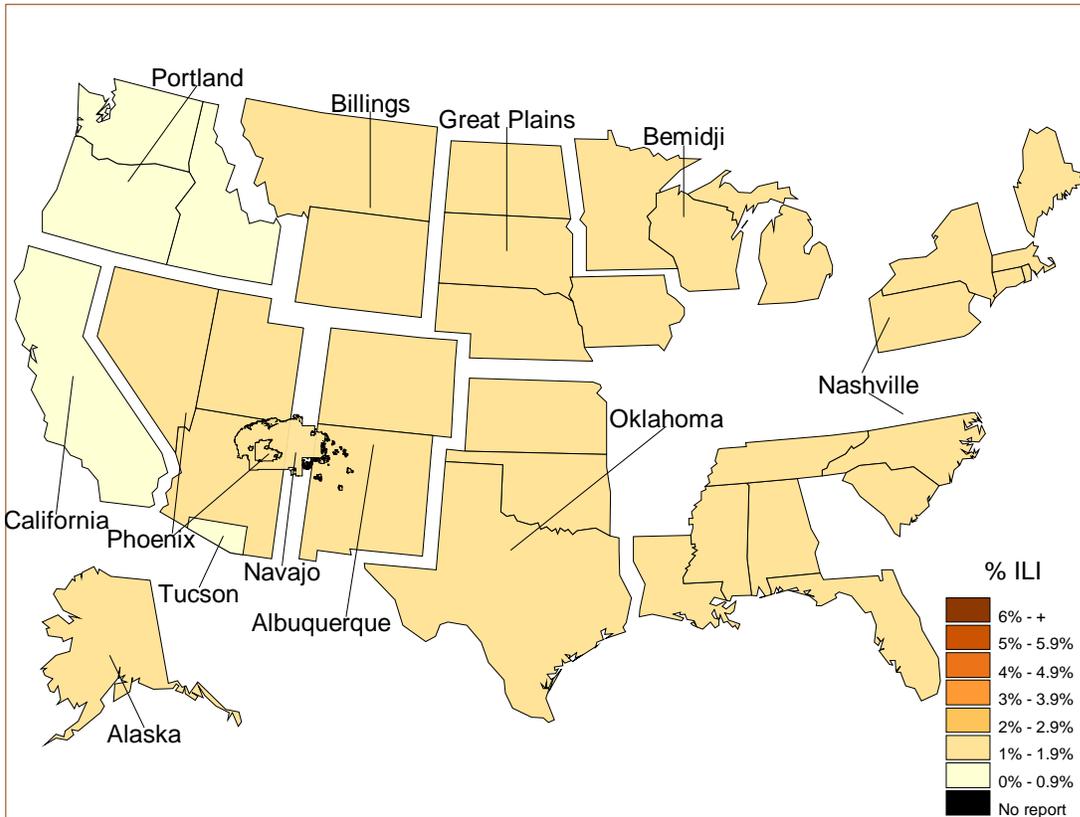
Proportion of Outpatient Visits for Influenza-Like Illness (ILI)  
Percent ILI for Flu Year 2015 - 2016  
ILINet vs. IIAS  
10/04/15 to 4/16/16

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As a result we will not be posting this graph for this week.  
Data from CDC for the US can be found at <http://www.cdc.gov/flu/>

IIAS versus ILINet  
Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
Percentage of Visits for ILI per week  
01/04/09 to 04/16/2016

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Percentage of Influenza-Like Illness Visits by IHS Area  
For Week: 15



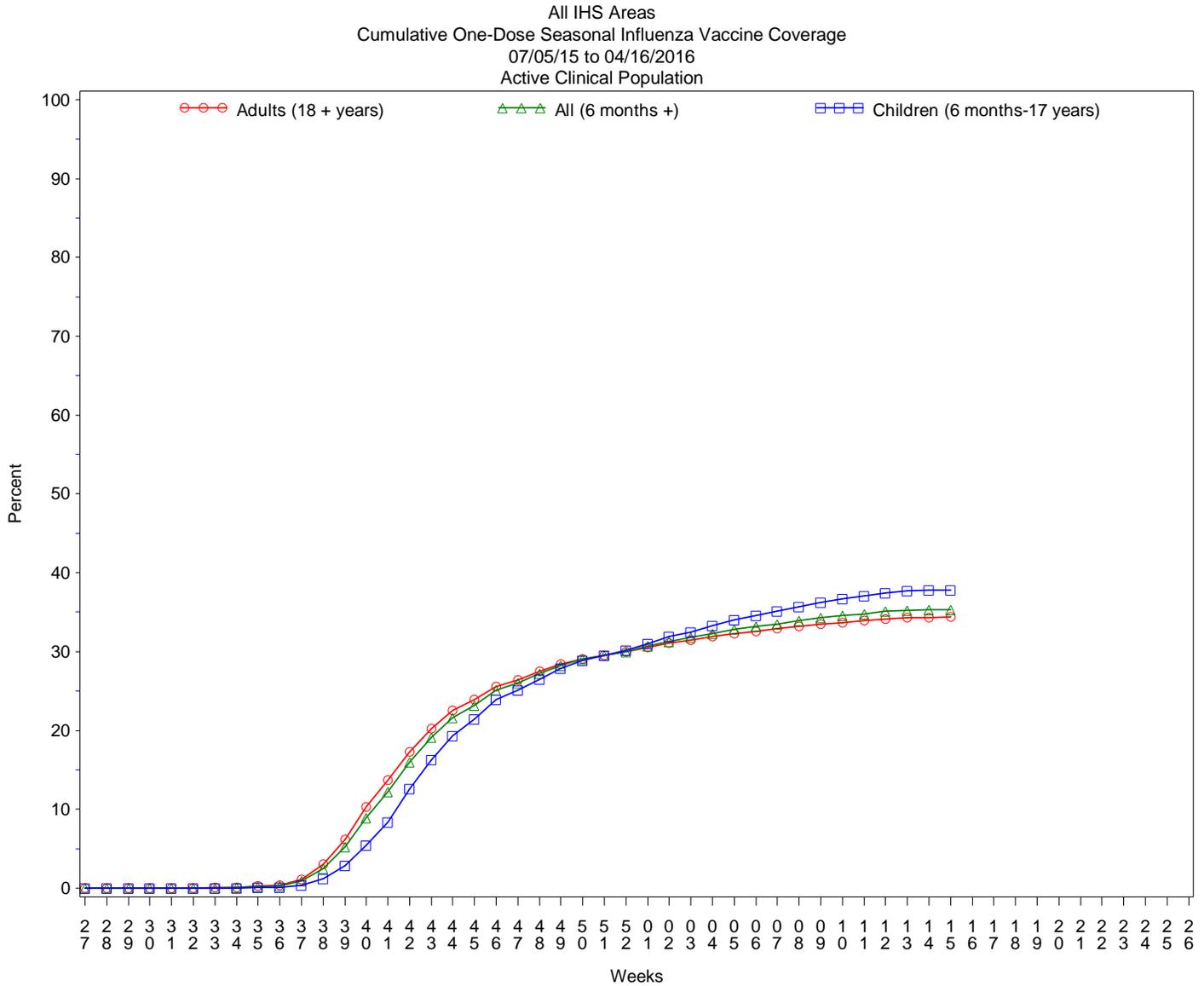
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 14	% in Week 15
NATIONAL	1.6	1.1
ALASKA	2.4	1.8
ALBUQUERQUE	1.6	1.0
BEMIDJI	2.0	1.1
BILLINGS	1.9	1.2
CALIFORNIA	0.9	0.5
GREAT PLAINS	1.8	1.5
NASHVILLE	2.4	1.8
NAVAJO	1.7	1.1
OKLAHOMA	1.0	1.0
PHOENIX	1.8	1.3
PORTLAND	1.4	0.3
TUCSON	0.9	0.8

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

## IHS Influenza Vaccination Surveillance

- As of 4/16/2016, sites reporting to the IAS have administered 395,176 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



## 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	4,898	166	3.4	33	0.7	201
6 - 23 months	24,461	16,257	66.5	5,882	24.0	22,208
2 - 4 years	59,807	20,875	34.9	842	1.4	21,837
5 - 17 years	224,814	79,778	35.5	710	0.3	80,971
18 - 49 years	467,351	129,719	27.8	1,031	0.2	131,800
50 - 64 years	194,569	82,052	42.2	713	0.4	83,422
65 + years	111,129	53,778	48.4	663	0.6	54,938
Children (6 months-17 years)	309,082	116,910	37.8	7,434	2.4	125,016
Adults (18 + years)	773,049	265,549	34.4	2,407	0.3	270,160
All (6 months +)	1,082,131	382,459	35.3	9,841	0.9	395,176

\* 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, doses deduplicated.

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

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

Area	INACTIV E 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-DER-MAL	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 153 FLU-cclIV3	CVX 155 FLU-RIV3	CVX 158 IIV4	CVX 161 IIV4pf -ped	CV X 166	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	39	331	5	361	396	1106	3	1024	5222	99	.	4743	529	113	.	4	217	14192
ALB	75	259	24	1541	5997	16627	2	2395	1664	1	204	1761	1157	10	.	10	394	32121
BEM	200	103	8	368	450	7166	88	1170	1903	2	3	922	358	2	.	66	126	12935
BIL	7	373	4	1156	9100	4449	1	2114	4523	3	.	761	599	2	.	15	141	23248
CAO	137	394	15	1426	2564	6516	9	2048	6064	.	1	5075	775	76	.	16	324	25440
GPA	245	1002	67	540	5834	17777	1	2367	4986	4	6	5189	1855	8	.	30	118	40029
NSA	3	174	.	242	1486	7012	160	538	3186	1	10	320	98	309	.	9	187	13735
NAV	239	528	11	1081	398	74615	3	1191	11686	3	2	4652	2518	274	.	74	639	97914
OKC	1103	3115	143	2248	1717	34590	42	2000	5774	5	19	3002	1279	489	33	39	276	55874
PHX	27	660	9	2143	11989	21006	16	2501	10826	.	6	808	3189	34	2	43	447	53706
POR	37	832	28	1016	2246	12676	5	2475	4030	30	14	3406	528	544	.	96	176	28139
TUC	.	135	1	43	6293	367	2	332	1466	.	.	64	774	1	.	28	86	9592
	<b>2112</b>	<b>7906</b>	<b>315</b>	<b>12165</b>	<b>48470</b>	<b>203907</b>	<b>332</b>	<b>20155</b>	<b>61330</b>	<b>148</b>	<b>265</b>	<b>30703</b>	<b>13659</b>	<b>1862</b>	<b>35</b>	<b>430</b>	<b>3131</b>	<b>406925</b>

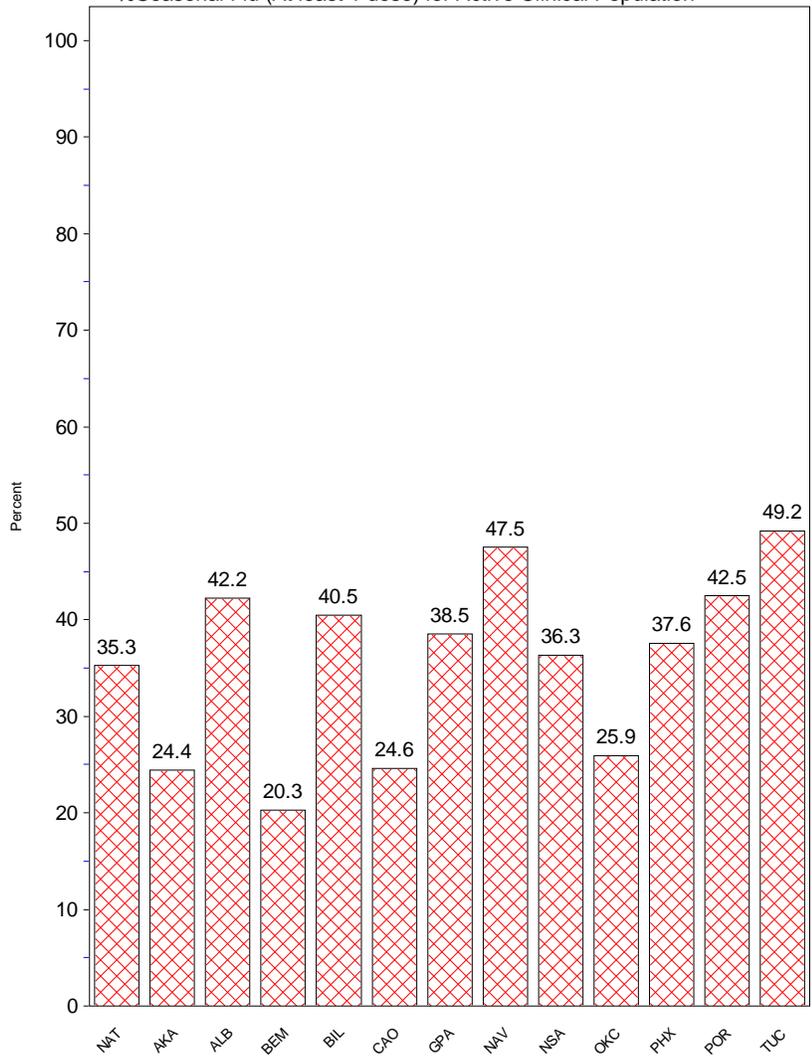
\* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 123 (FLU-H5N1), and 151 (FLU-NasNOS) should not be used to document flu vaccines given this flu season. Doses are NOT deduplicated.

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

+ CPT Flu codes include: 90654-90662, 90672-90673, 90685-90686, 90724, G0008, G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

All IHS Areas  
Influenza Vaccine Coverage by Age Groups – All (6 mons+)  
07/05/15 to 04/16/2016  
%Seasonal Flu (At least 1 dose) for Active Clinical Population



- This report includes data from the following number of Resource and Patient Management System (RPMS) databases:

<b>IHS Area</b>	<b># of RPMS Databases Reporting*</b>	<b># of Facilities Reporting**</b>
NATIONAL	164	316
ALASKA	12	75
ALBUQUERQUE	13	21
BEMIDJI	5	12
BILLINGS	12	18
CALIFORNIA	19	33
GREAT PLAINS	18	32
NASHVILLE	18	22
NAVAJO	7	20
OKLAHOMA	18	22
PHOENIX	18	30
PORTLAND	23	27
TUCSON	1	4

\* Exporting databases may include data from multiple facilities.

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