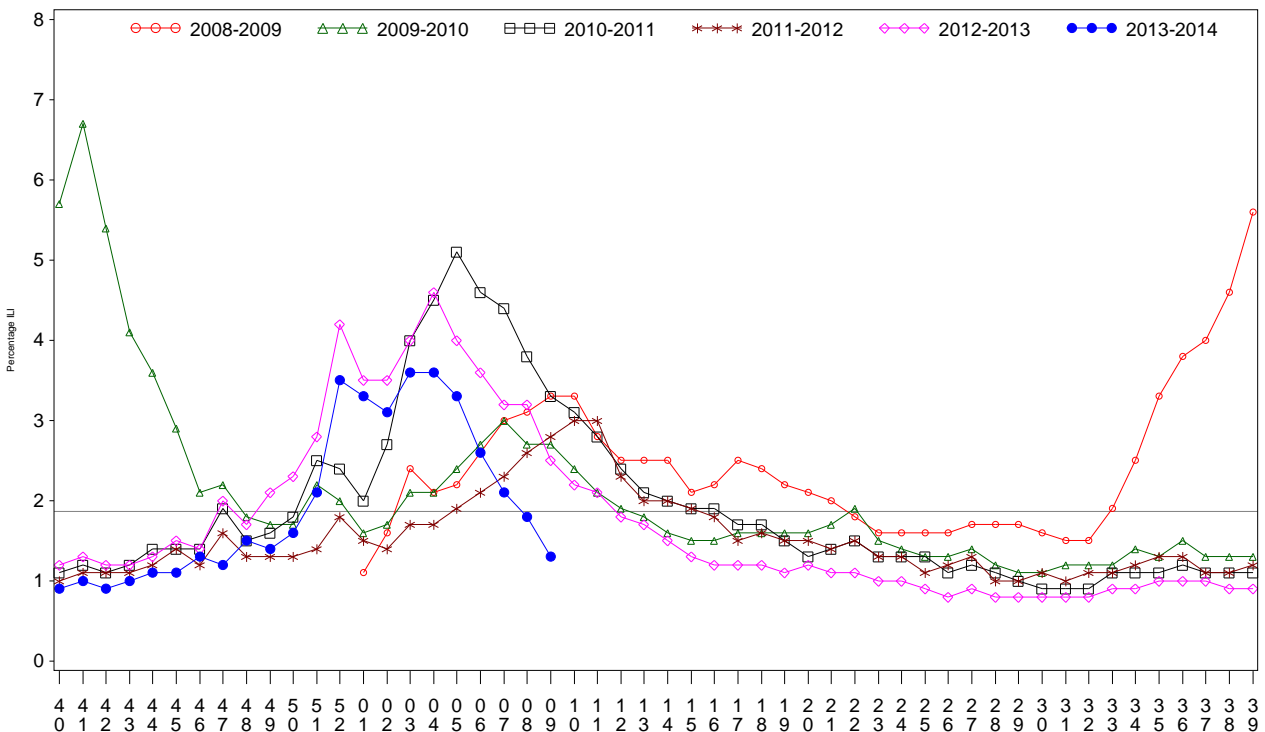




**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
**IHS Influenza Awareness System (IIAS)**  
**#22 (Week 9: 2/23/2014 – 3/01/2014)**

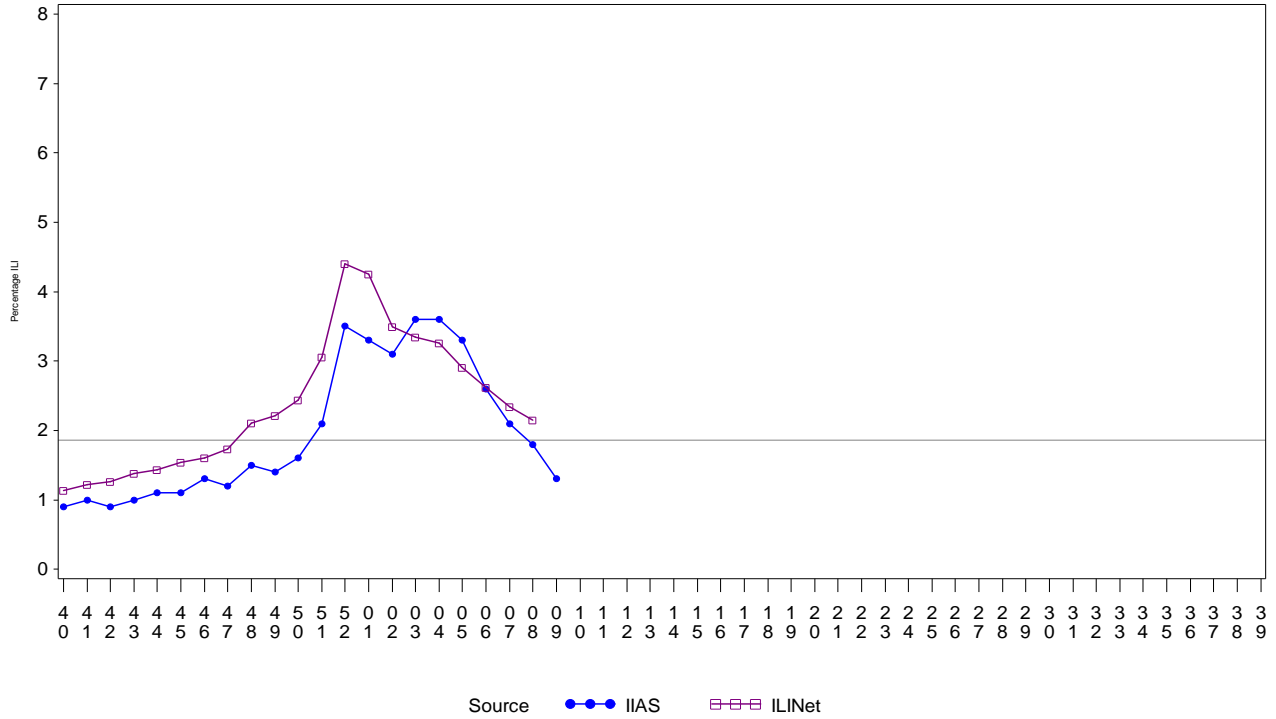
- While overall influenza-like-illness (ILI) activity in IHS and the U.S. is decreasing, the Navajo Area continues to experience elevated ILI activity
- In IHS 36% of the IHS Active Clinical population has been vaccinated.
- Sites should continue to promote influenza vaccination, particularly in regions where ILI activity remains elevated.
- 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 03/01/14



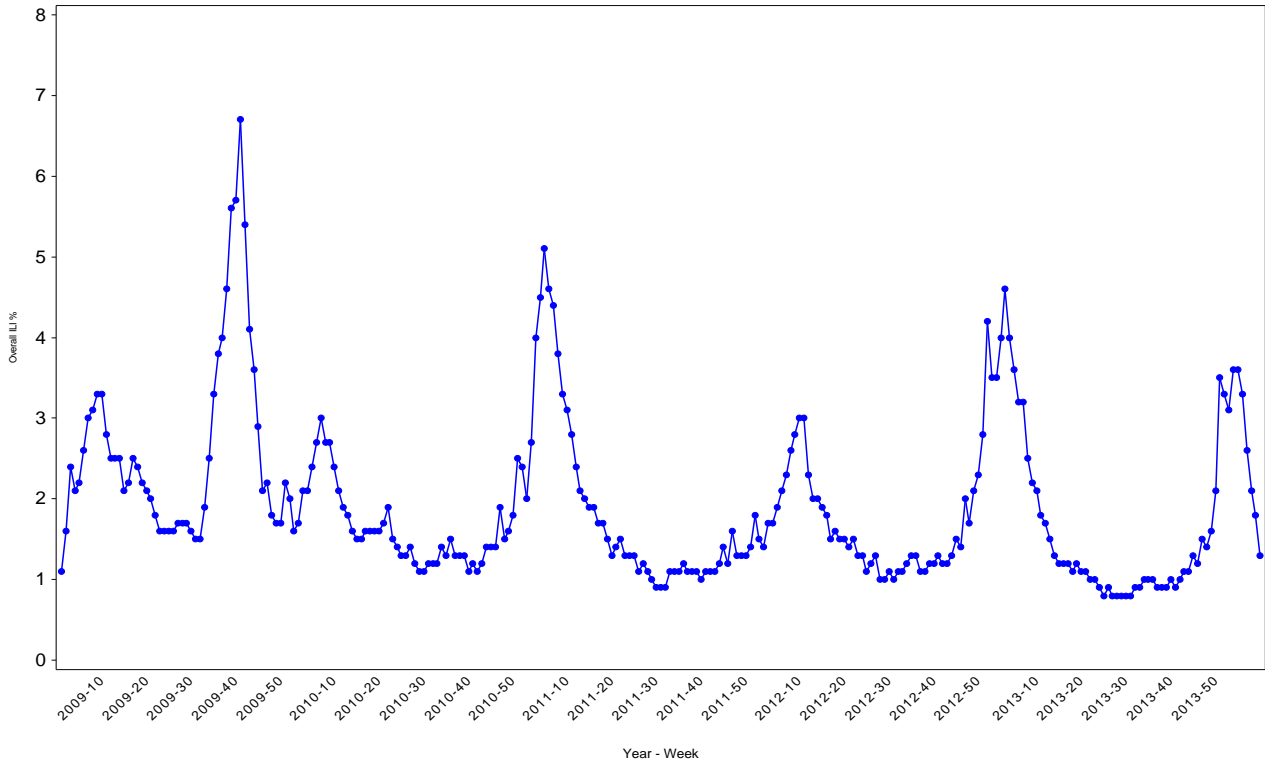
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)  
 Percent ILI for FluYear 2013 - 2014  
 ILINet vs. IAS  
 09/29/13 to 03/01/14



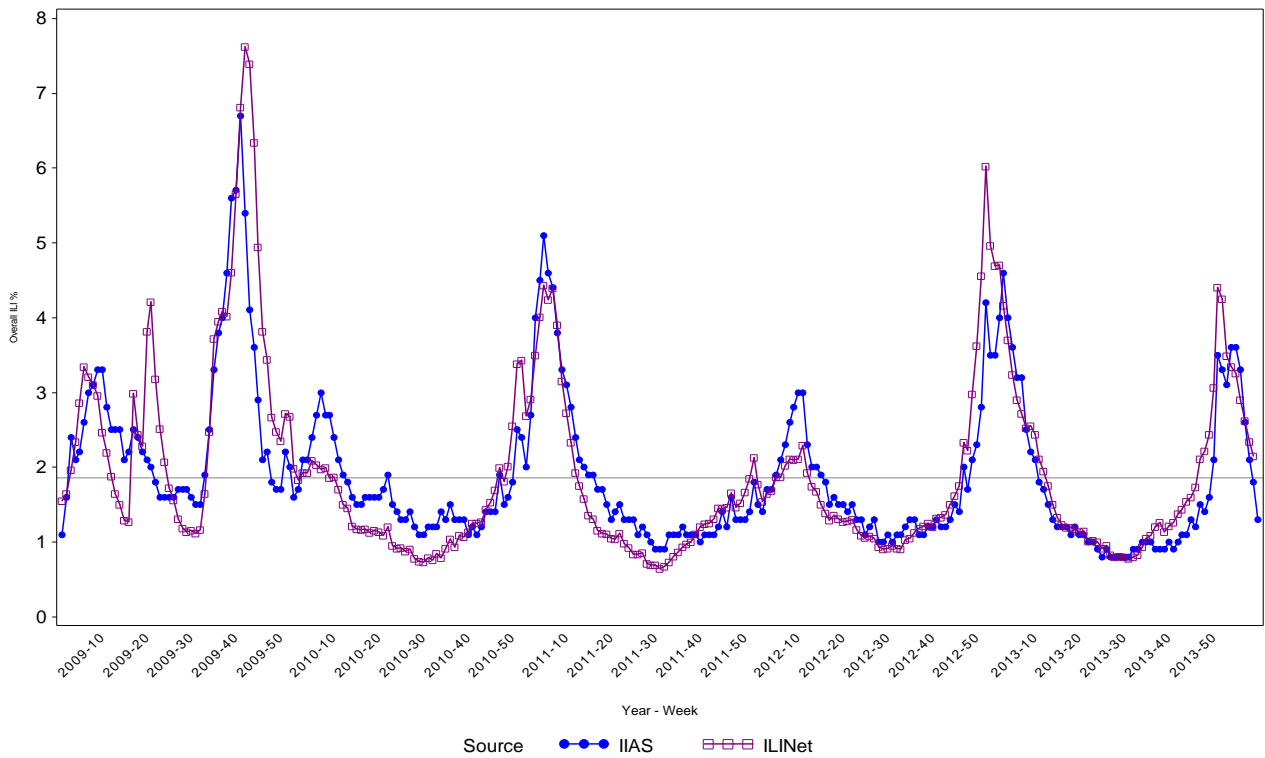
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for  
 ILI during non-influenza weeks for the previous three seasons plus two standard deviations.  
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IAS - 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 03/01/14



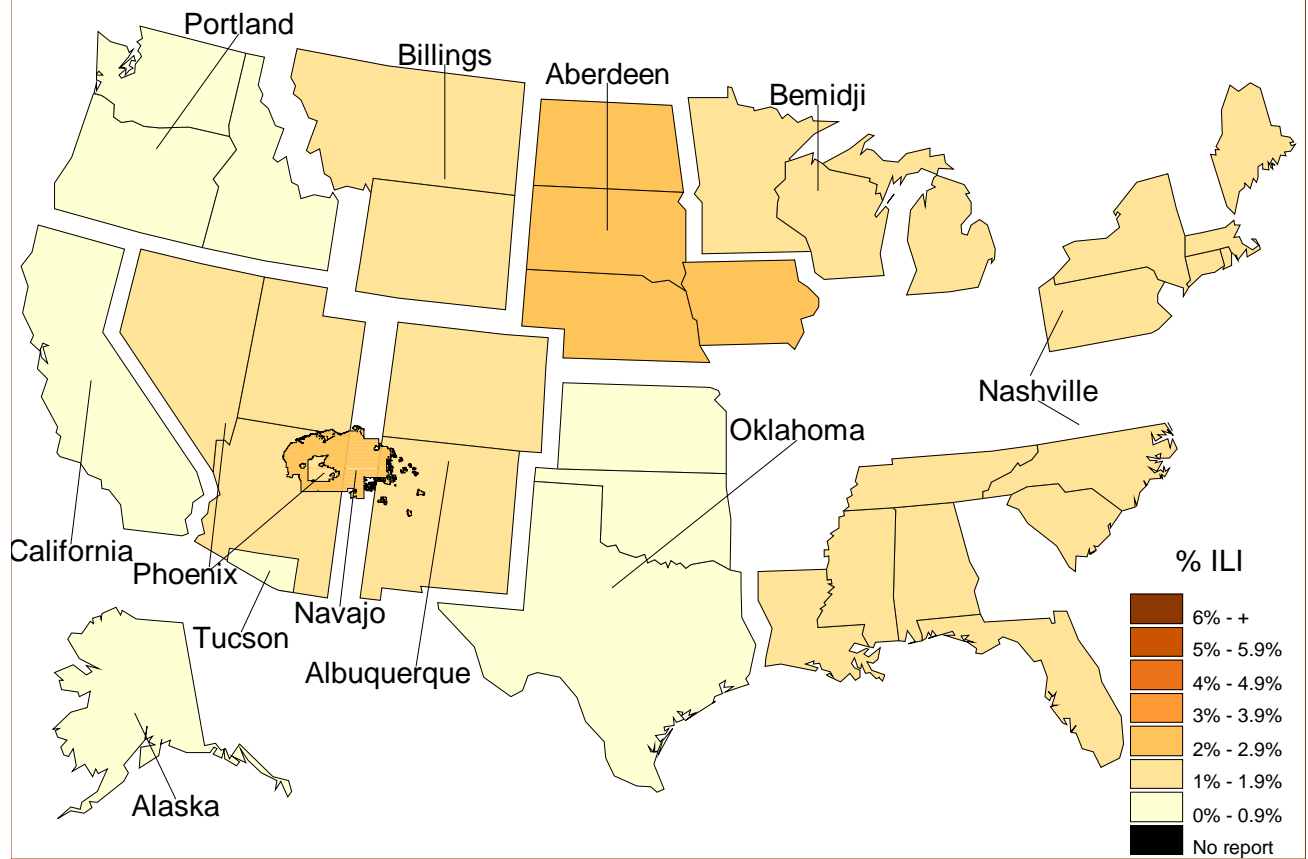
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

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



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: 9

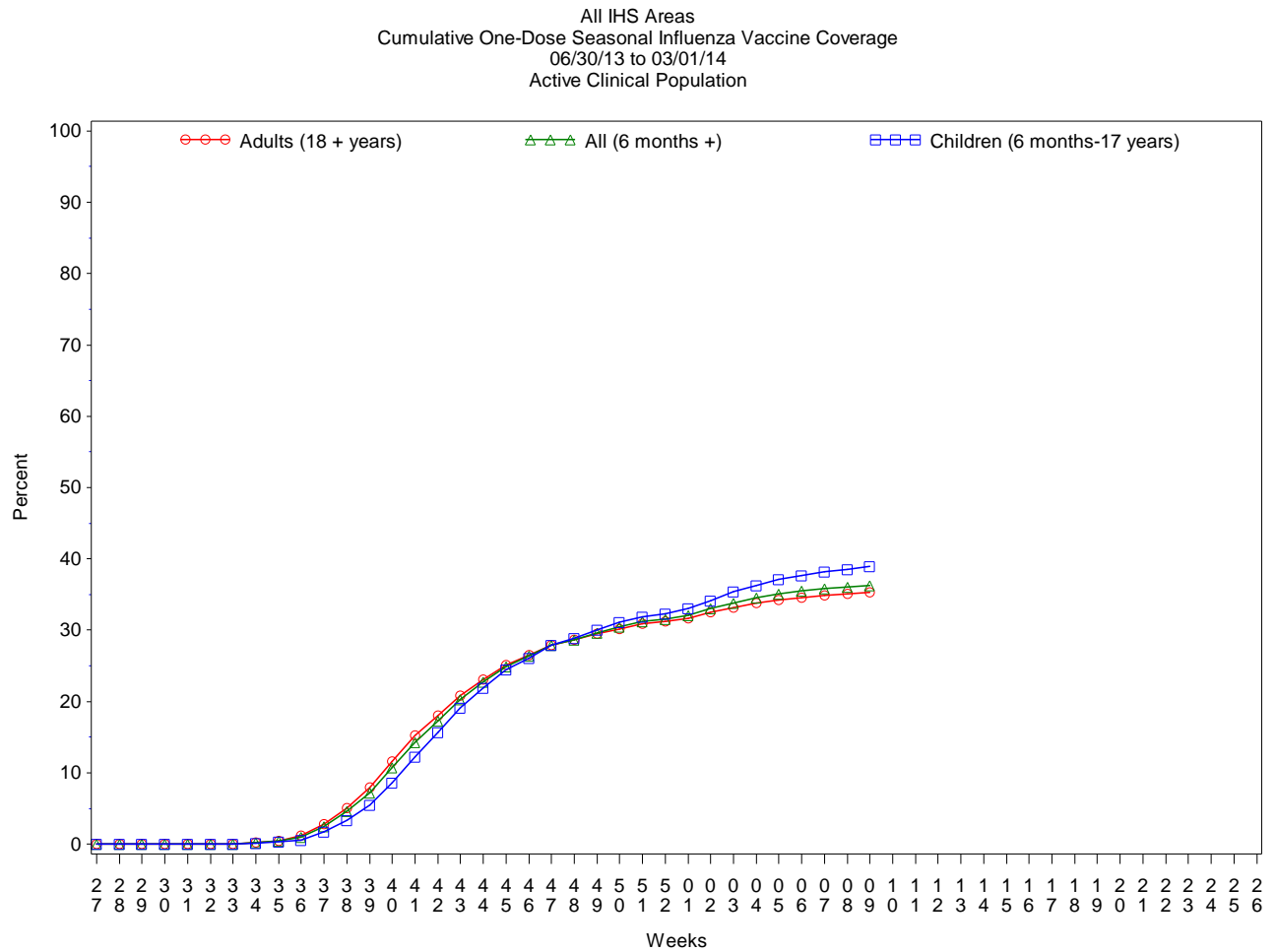


### % Visits for ILI Compared to Previous Week

IHS Areas	% in Week 8	% in Week 9
NATIONAL	1.8	1.3
ABERDEEN	2.1	2.0
ALASKA	1.4	0.9
ALBUQUERQUE	1.7	1.2
BEMIDJI	1.2	1.3
BILLINGS	2.1	1.3
CALIFORNIA	0.8	0.4
NASHVILLE	1.2	1.9
NAVAJO	3.1	2.5
OKLAHOMA	1.2	0.7
PHOENIX	2.1	1.6
PORTLAND	1.0	0.6
TUCSON	3.3	0.8

## IHS Influenza Vaccination\* Surveillance

- As of 3/01/2014, sites reporting to the IIAS have administered 426,638 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



## 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	5,291	145	2.7	1	0.0	146
6 - 23 months	26,346	16,902	64.2	5,314	20.2	22,292
2 - 4 years	64,542	23,484	36.4	969	1.5	24,545
5 - 17 years	236,542	86,950	36.8	1,094	0.5	88,391
18 - 49 years	507,291	144,217	28.4	1,744	0.3	146,692
50 - 64 years	195,933	86,973	44.4	1,132	0.6	88,568
65 + years	107,352	54,883	51.1	878	0.8	56,150
Children (6 months-17 years)	327,430	127,336	38.9	7,377	2.3	135,228
Adults (18 + years)	810,576	286,073	35.3	3,754	0.5	291,410
All (6 months +)	1,138,006	413,409	36.3	11,131	1.0	426,638

\* 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-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	289	46	337	4503	18722	84	2351	1414	25	10	726	1	2384	208	31192
AKA	590	85	66	278	3254	6893	28	830	1768	8	4	293	.	412	272	14781
ALB	50	301	23	661	5156	20937	316	2105	1501	9	8	167	.	670	1262	33166
BEM	92	148	250	95	2650	8990	224	240	41	1	3	.	.	1574	374	14682
BIL	43	194	38	999	13619	6823	261	2297	1193	8	.	22	2	193	292	25984
CAO	91	221	91	644	2299	11865	54	610	823	145	.	10	.	536	395	17784
NSA	82	84	13	80	3423	4478	461	147	370	.	1	6	.	178	167	9490
NAV	356	429	75	148	8255	87483	1	1707	1860	1	4	1136	36	909	1187	103587
OKC	418	3237	128	2151	12848	67992	142	3833	7437	4	7	557	483	3836	393	103466
PHX	219	405	62	674	17313	20933	46	2394	3658	1	8	723	8	1408	1535	49387
POR	139	514	402	442	4468	22610	111	2021	402	10	550	80	.	732	377	32858
TUC	24	29	108	4	5460	1676	.	415	759	.	3	64	.	284	142	8968
	<b>2196</b>	<b>5936</b>	<b>1302</b>	<b>6513</b>	<b>83248</b>	<b>279402</b>	<b>1728</b>	<b>18950</b>	<b>21226</b>	<b>212</b>	<b>598</b>	<b>3784</b>	<b>530</b>	<b>13116</b>	<b>6604</b>	<b>445345</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	152	356
ABERDEEN	14	25
ALASKA	12	86
ALBUQUERQUE	13	22
BEMIDJI	4	9
BILLINGS	11	27
CALIFORNIA	14	22
NASHVILLE	18	21
NAVAJO	6	32
OKLAHOMA	20	43
PHOENIX	14	26
PORTLAND	25	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.