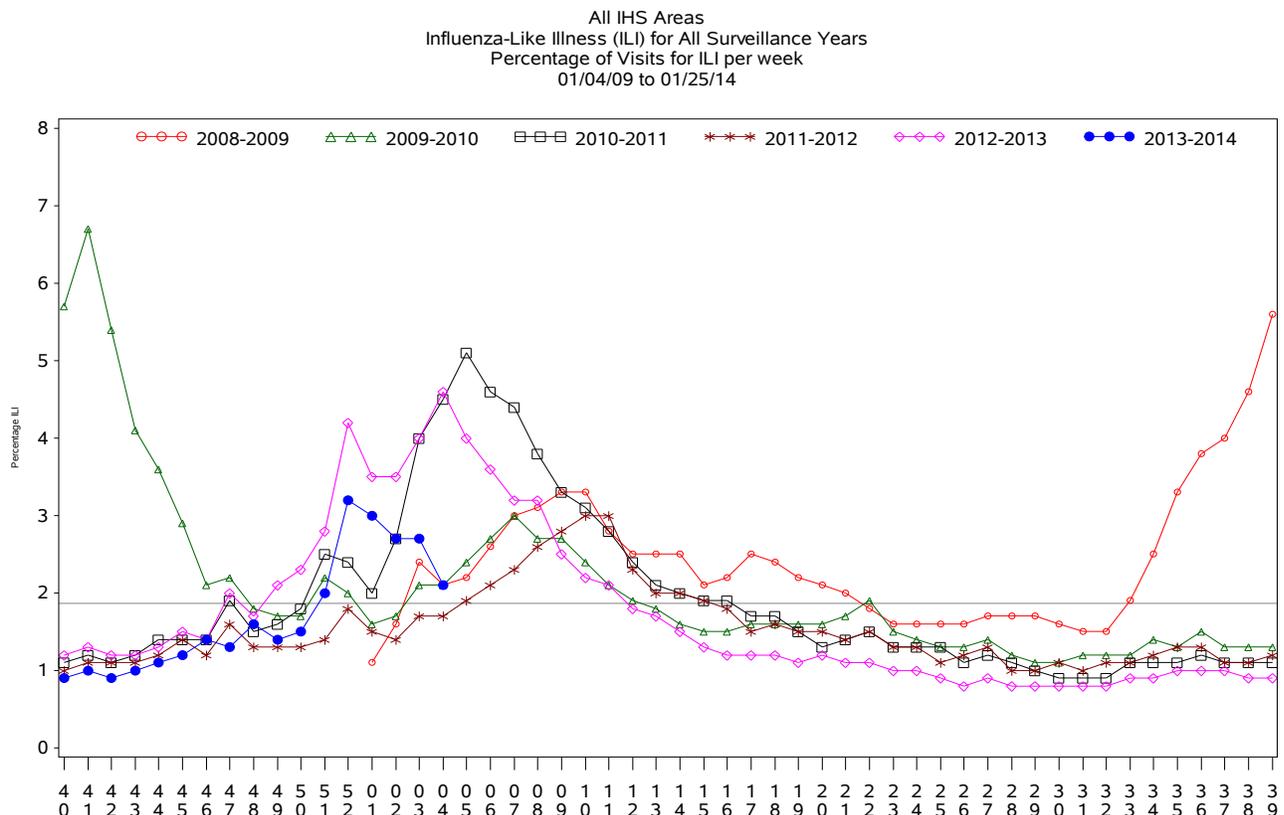




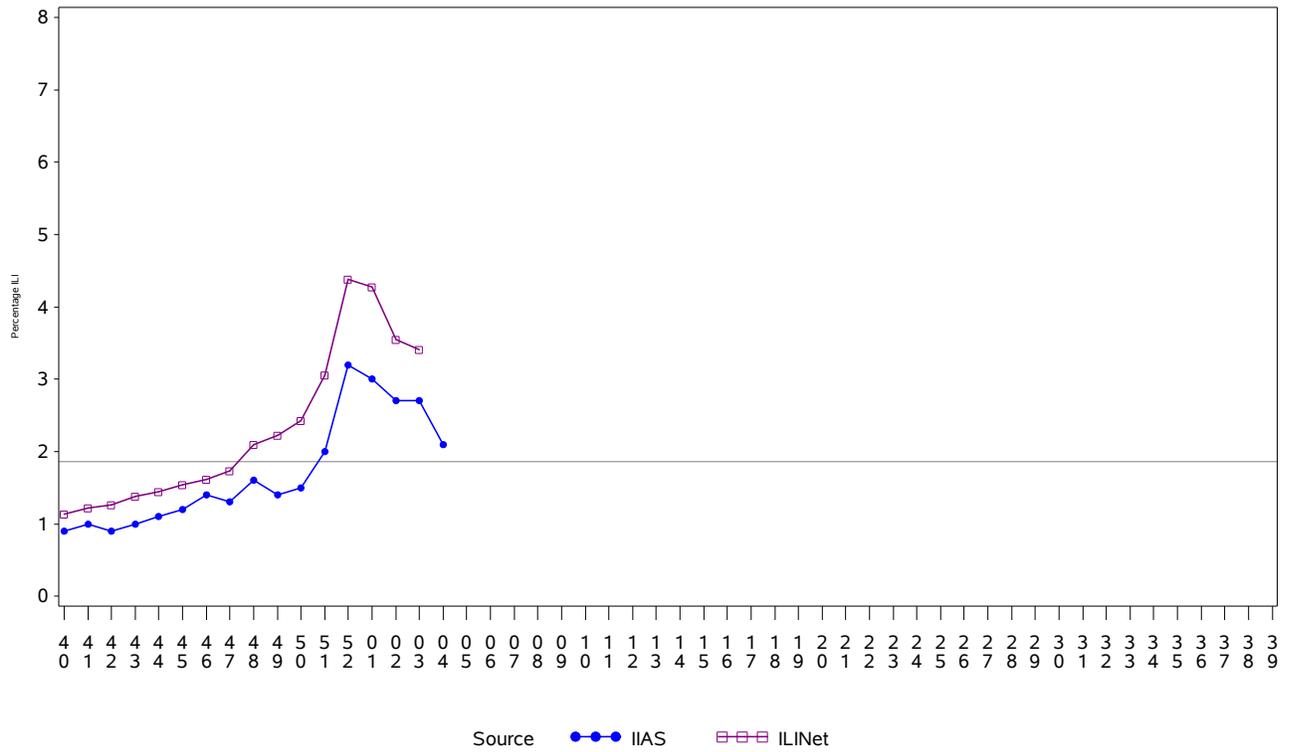
**Indian Health Service**  
 Division of Epidemiology and Disease Prevention  
**Influenza Surveillance Report**  
*IHS Influenza Awareness System (IIAS)*  
**#17 (Week 4: 1/19/2014 – 1/25/2014)**

- While overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased this week, ILI levels remain above the baseline in some IHS regions and in the U.S. ILI activity will likely continue to increase in the coming weeks.
- H1N1 is the predominant strain so far. CDC has received several reports of severe flu illness among young and middle-aged adults, many of whom were infected with the 2009 H1N1 virus. Some hospitalizations and deaths have been reported.
- The current influenza vaccine protects against the H1N1 strain. Currently only 34% 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>



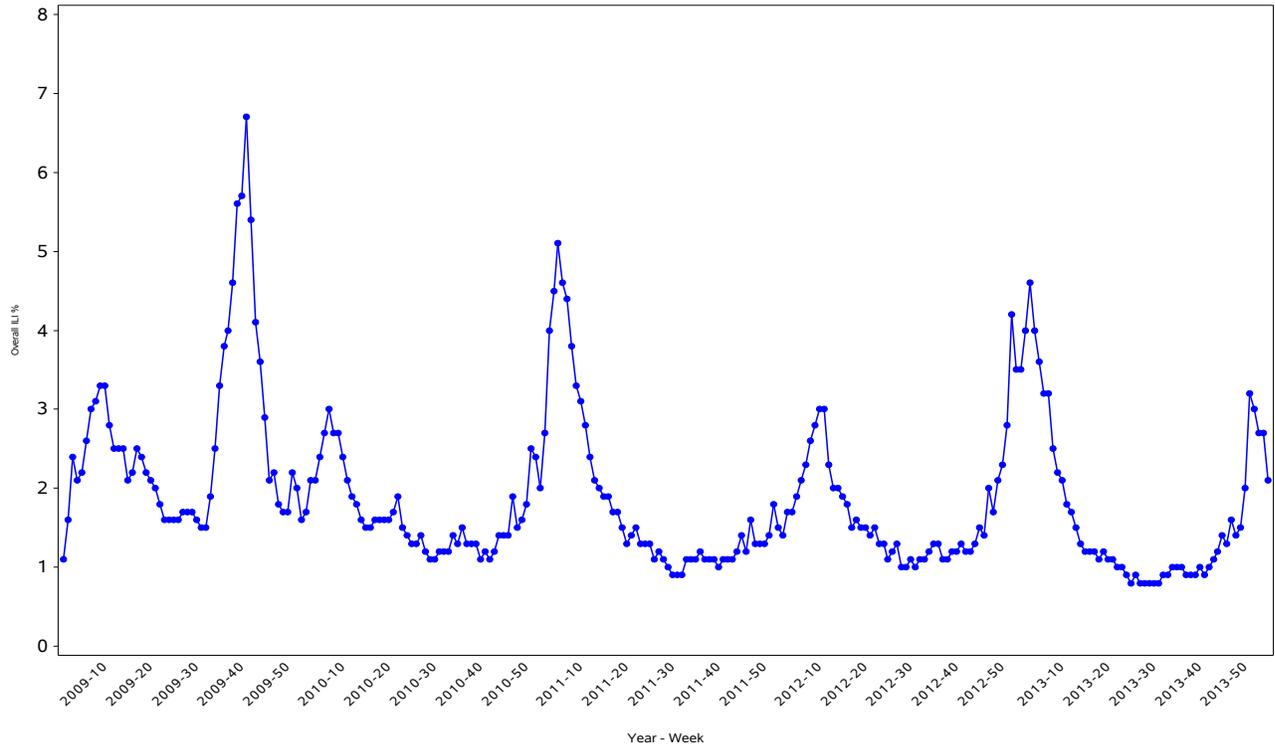
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)  
 Percent ILI for FluYear 2013 - 2014  
 ILINet vs. IIAS  
 to 01/25/14



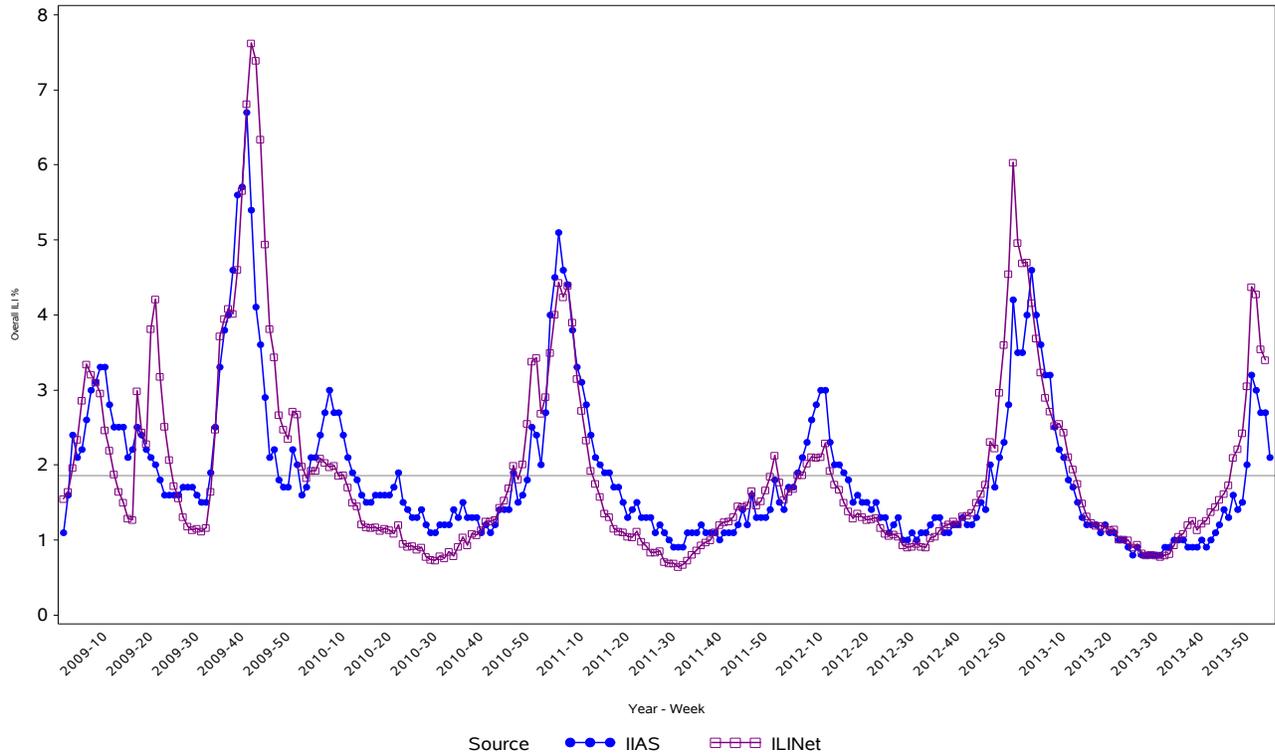
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).  
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for  
 ILI during non-influenza weeks for the previous three seasons plus two standard 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 01/25/14



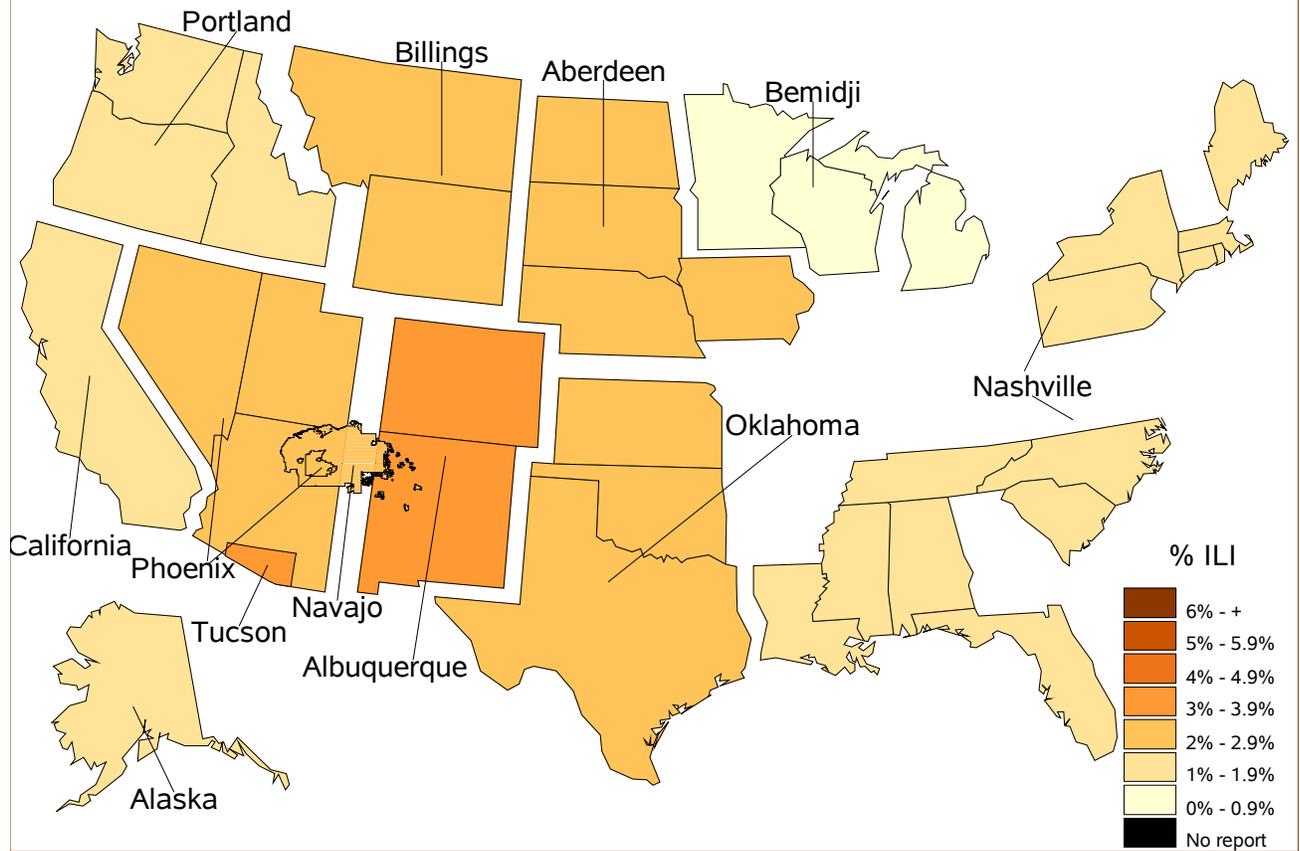
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet  
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous  
 Percentage of Visits for ILI per week  
 01/04/09 to 01/25/14



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: 4

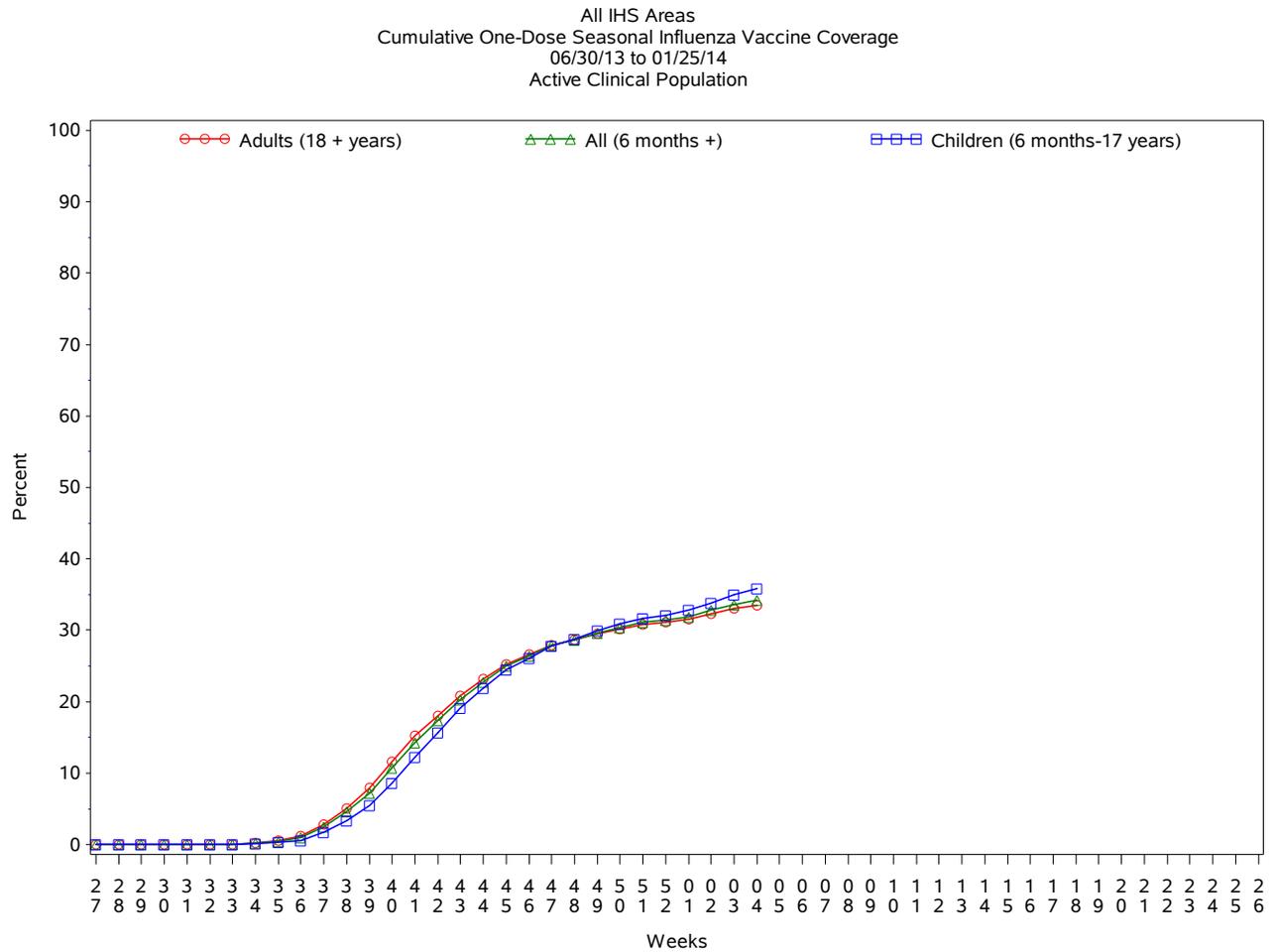


### % Visits for ILI Compared to Previous Week

IHS Areas	% in Week 3	% in Week 4
NATIONAL	2.7	2.1
ABERDEEN	2.3	2.2
ALASKA	1.1	1.5
ALBUQUERQUE	3.7	3.1
BEMIDJI	1.6	0.7
BILLINGS	2.2	2.3
CALIFORNIA	1.9	1.1
NASHVILLE	2.6	1.6
NAVAJO	2.9	2.7
OKLAHOMA	3.8	2.3
PHOENIX	2.1	2.1
PORTLAND	1.9	1.3
TUCSON	1.8	3.2

## IHS Influenza Vaccination\* Surveillance

- As of 1/25/2014, sites reporting to the IIAS have administered 398,985 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\*

	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	5,248	132	2.5	1	0.0	133
6 - 23 months	26,296	15,063	57.3	4,020	15.3	19,150
2 - 4 years	64,847	21,369	33.0	718	1.1	22,168
5 - 17 years	236,164	80,726	34.2	919	0.4	81,965
18 - 49 years	507,140	134,737	26.6	1,528	0.3	136,963
50 - 64 years	194,782	82,995	42.6	1,025	0.5	84,460
65 + years	106,606	53,099	49.8	798	0.7	54,279
Children (6 months-17 years)	327,307	117,158	35.8	5,657	1.7	123,283
Adults (18 + years)	808,528	270,831	33.5	3,351	0.4	275,702
All (6 months +)	1,135,835	387,989	34.2	9,008	0.8	398,985

\* 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	91	280	43	333	4266	17619	84	2278	1277	20	10	703	1	2286	203	29494
AKA	548	82	60	247	2854	6378	28	772	1391	2	3	229	.	440	259	13293
ALB	48	268	23	644	4464	19005	306	2009	1163	9	8	135	.	641	1220	29943
BEM	90	145	244	92	2415	8542	222	227	41	1	3	.	.	1484	362	13868
BIL	43	140	35	988	12669	6409	255	2131	1075	8	.	10	1	177	288	24229
CAO	74	181	72	617	2019	10757	50	556	611	124	.	8	.	517	357	15943
NSA	81	64	13	78	3281	4276	448	140	314	.	.	5	.	158	147	9005
NAV	336	403	72	139	7263	84318	1	1695	1276	1	3	1033	33	843	1158	98574
OKC	372	2941	125	2075	12115	64909	139	3669	6639	3	6	528	481	3736	374	98112
PHX	183	365	60	662	15747	19070	43	2363	3056	1	7	611	8	1363	1497	45036
POR	123	461	395	430	4012	21014	88	1883	379	10	542	68	.	723	349	30477
TUC	23	29	108	4	5058	1476	.	400	681	.	2	52	.	256	130	8219
	<b>2012</b>	<b>5359</b>	<b>1250</b>	<b>6309</b>	<b>76163</b>	<b>263773</b>	<b>1664</b>	<b>18123</b>	<b>17903</b>	<b>179</b>	<b>584</b>	<b>3382</b>	<b>524</b>	<b>12624</b>	<b>6344</b>	<b>416193</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.

## Summary

- 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	164	359
ABERDEEN	16	27
ALASKA	12	83
ALBUQUERQUE	11	14
BEMIDJI	9	19
BILLINGS	12	30
CALIFORNIA	14	20
NASHVILLE	18	21
NAVAJO	8	29
OKLAHOMA	21	47
PHOENIX	15	25
PORTLAND	27	37
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.