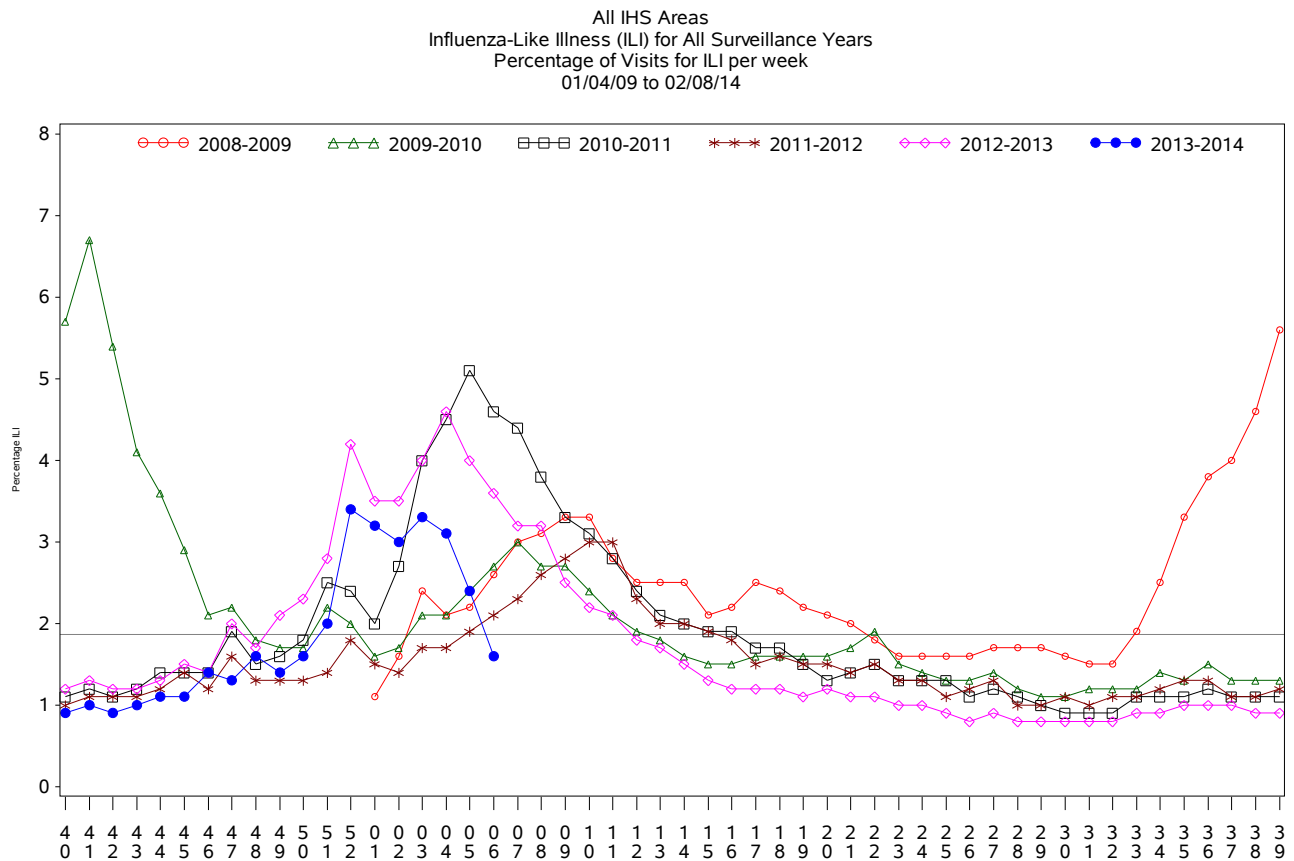




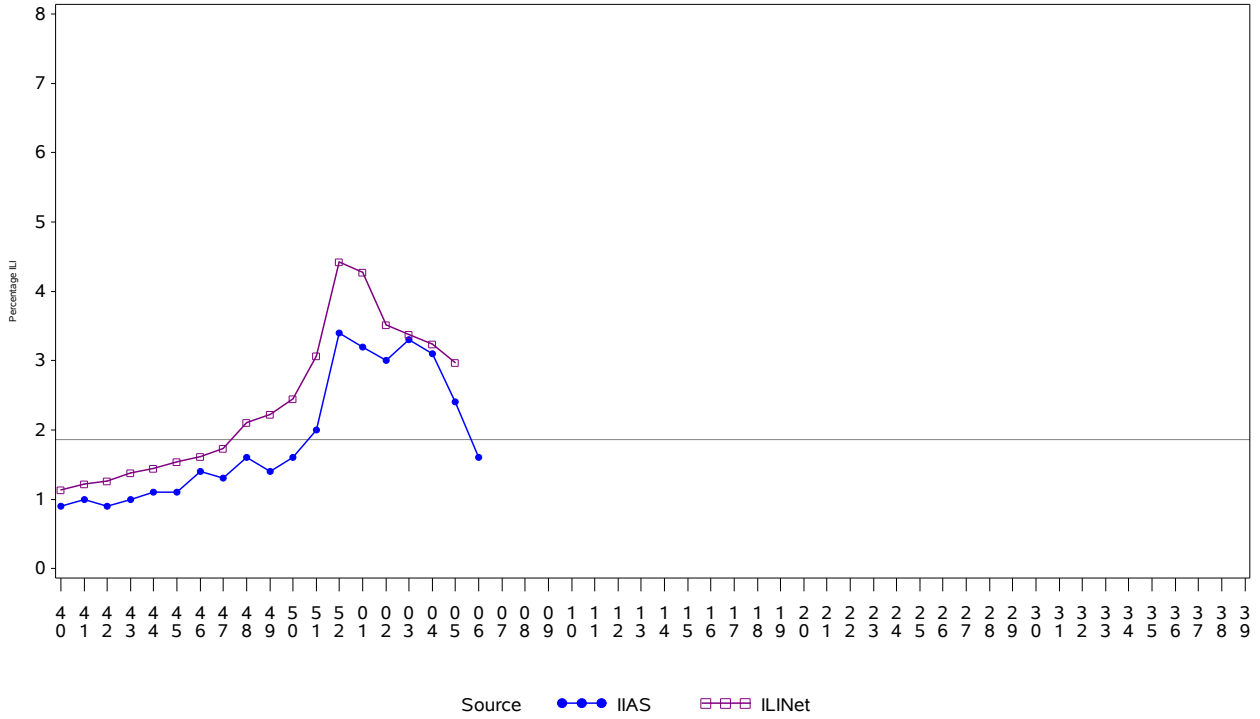
Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#19 (Week 6: 2/02/2014 – 2/08/2014)

- While overall influenza-like-illness (ILI) activity in IHS and the U.S. is decreasing, , ILI activity remains elevated in certain geographic areas, including the Navajo and Phoenix IHS regions.
- Currently only 35% 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>



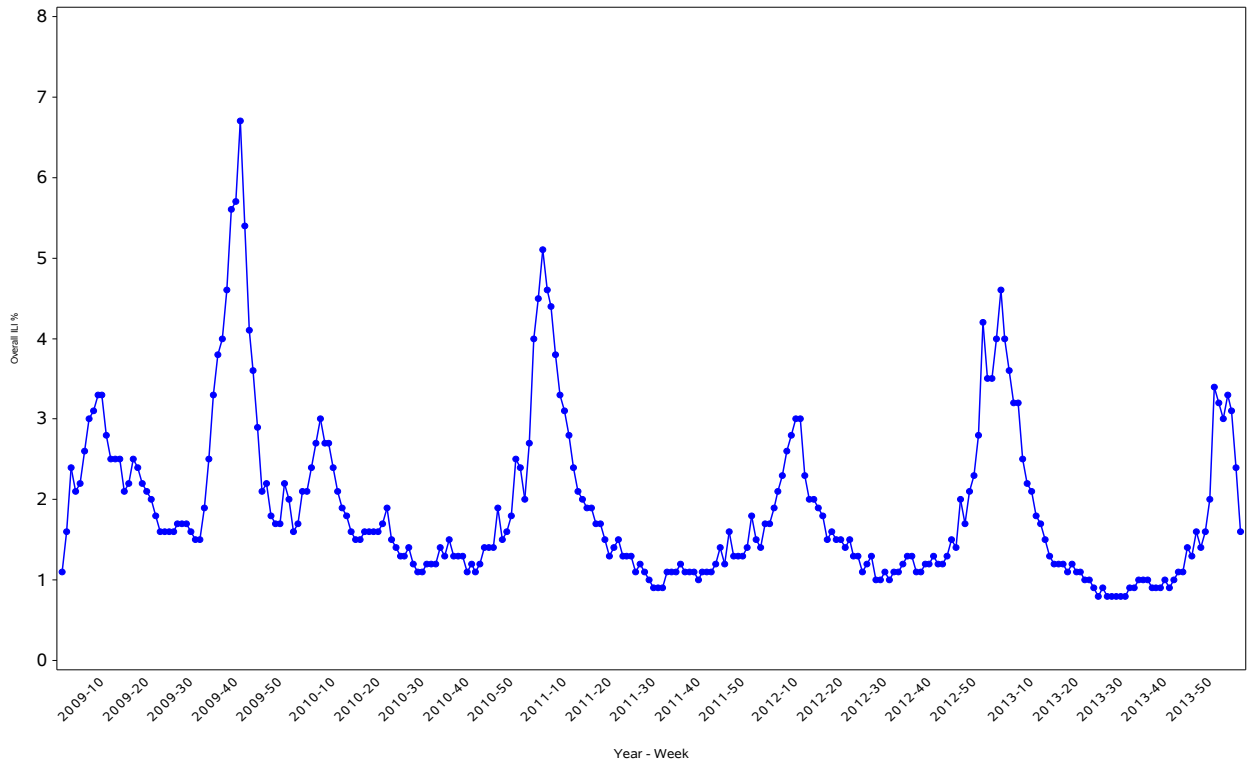
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2013 - 2014
 ILINet vs. IAS
 09/29/13 to 02/08/14



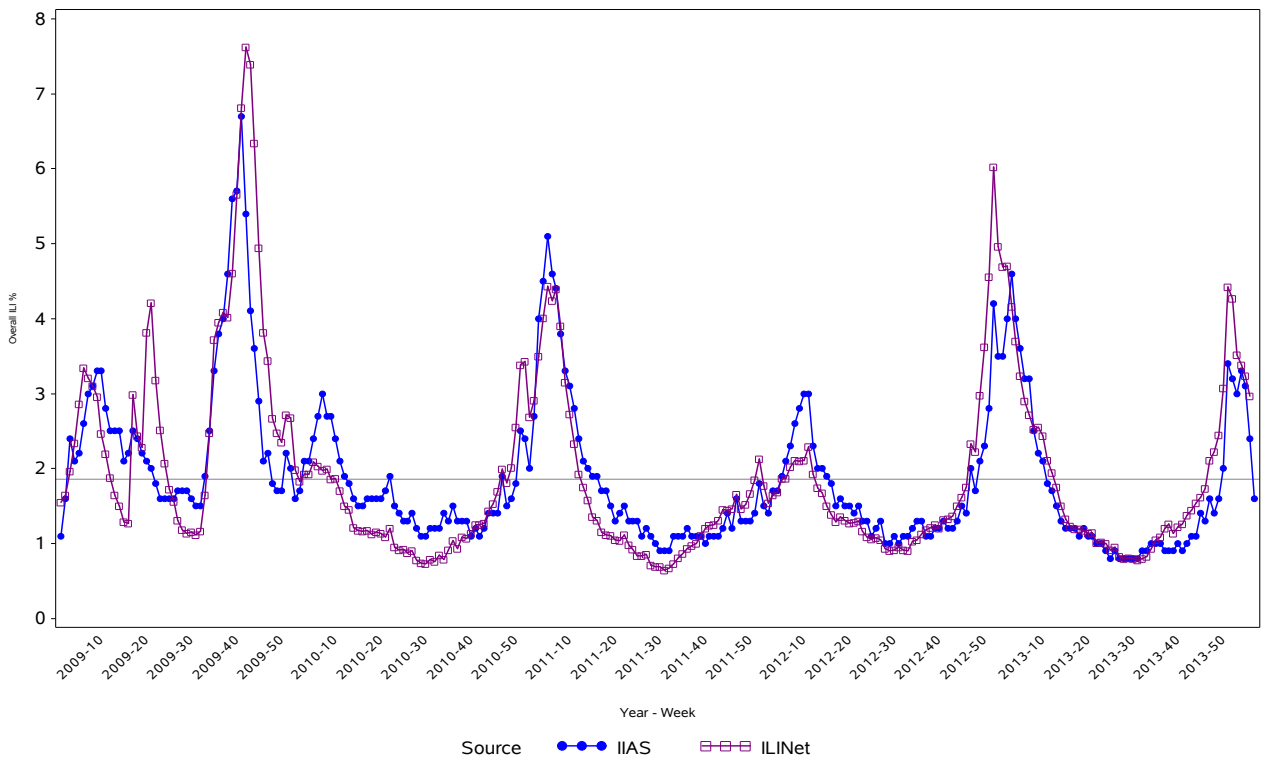
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for
 ILI during non-influenza weeks for the previous three seasons plus two standard 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 02/08/14



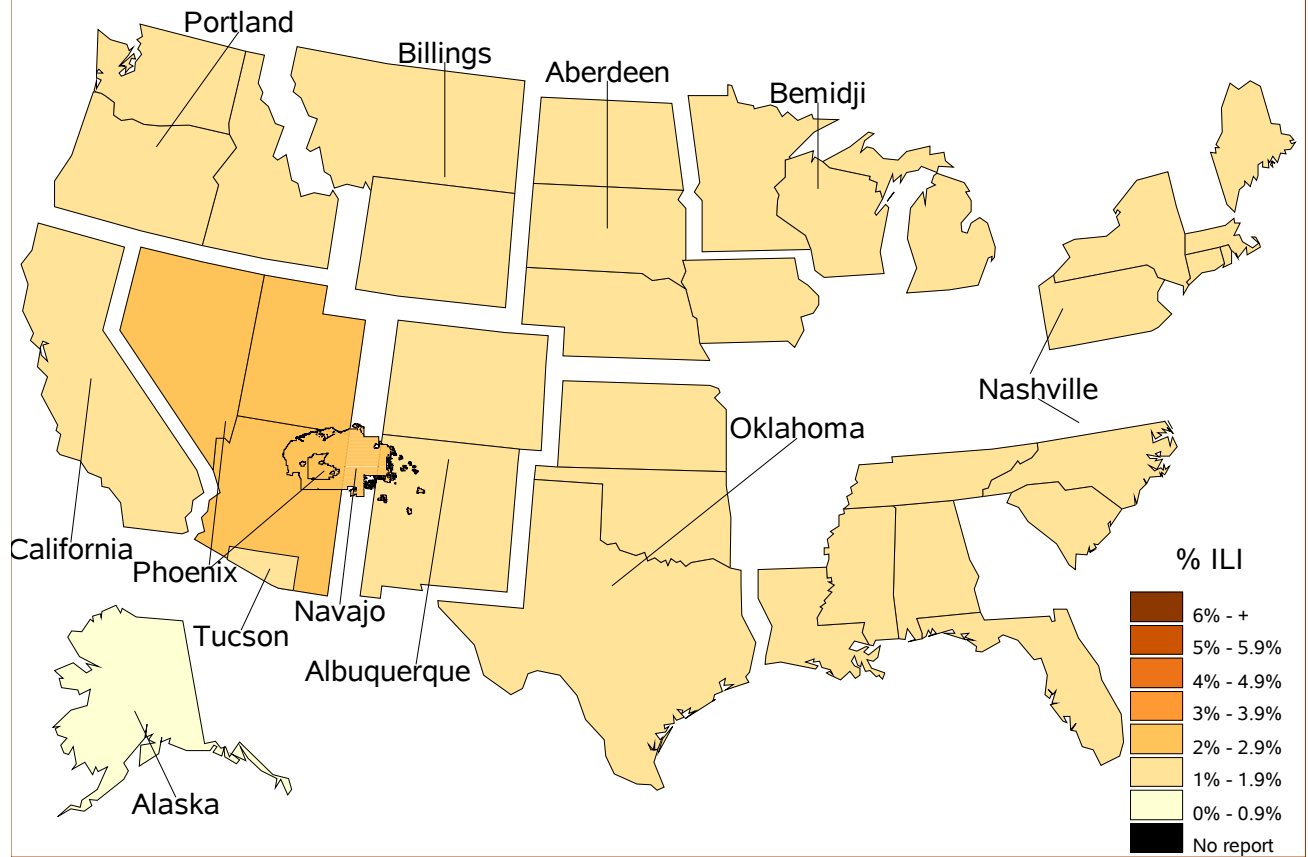
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IHS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 02/08/14



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: 6

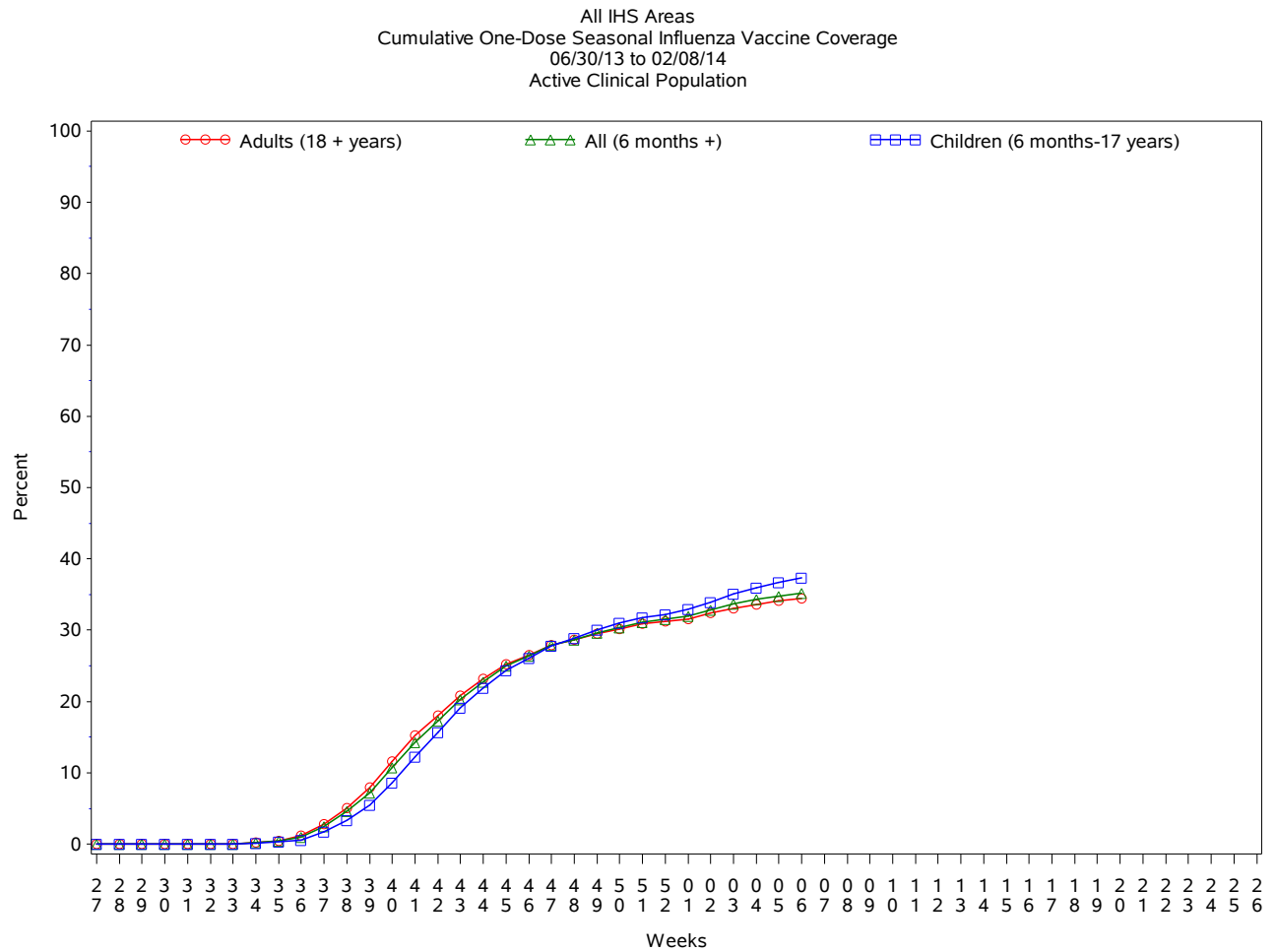


% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 5	% in Week 6
NATIONAL	2.4	1.6
ABERDEEN	2.0	1.5
ALASKA	1.0	0.8
ALBUQUERQUE	2.4	1.5
BEMIDJI	1.0	1.0
BILLINGS	2.0	1.4
CALIFORNIA	1.2	1.0
NASHVILLE	1.3	1.1
NAVAJO	3.8	2.5
OKLAHOMA	2.9	1.6
PHOENIX	2.4	2.1
PORTLAND	1.3	1.1
TUCSON	2.4	1.7

IHS Influenza Vaccination* Surveillance

- As of 2/08/2014, sites reporting to the IIAS have administered 412,623 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	5,278	138	2.6	1	0.0	139
6 - 23 months	26,300	15,936	60.6	4,537	17.3	20,544
2 - 4 years	64,691	22,389	34.6	813	1.3	23,287
5 - 17 years	236,602	83,885	35.5	991	0.4	85,203
18 - 49 years	507,410	139,504	27.5	1,633	0.3	141,850
50 - 64 years	195,356	84,970	43.5	1,086	0.6	86,507
65 + years	107,013	54,006	50.5	840	0.8	55,232
Children (6 months-17 years)	327,593	122,210	37.3	6,341	1.9	129,034
Adults (18 + years)	809,779	278,480	34.4	3,559	0.4	283,589
All (6 months +)	1,137,372	400,690	35.2	9,900	0.9	412,623

* 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	283	45	335	4391	18216	84	2319	1358	24	10	720	1	2359	204	30441
AKA	574	82	67	253	3039	6631	28	791	1561	7	3	245	.	464	270	14015
ALB	48	278	23	647	4651	19591	306	2017	1310	9	8	155	.	658	1229	30930
BEM	90	147	244	93	2436	8569	222	227	41	1	3	.	.	1484	362	13919
BIL	43	146	37	992	13173	6606	260	2207	1139	8	.	17	1	188	288	25105
CAO	81	204	79	631	2197	11328	54	584	737	144	.	9	.	532	379	16959
NSA	81	67	13	80	3340	4369	457	141	338	.	.	5	.	162	154	9207
NAV	347	415	74	142	7762	86116	1	1702	1556	1	3	1096	34	882	1176	101307
OKC	404	3112	127	2117	12484	66714	140	3747	7072	4	6	545	483	3792	385	101132
PHX	203	384	62	671	16568	20021	43	2379	3370	1	8	676	8	1391	1514	47299
POR	128	494	397	439	4264	21873	97	1954	397	10	547	73	.	733	370	31776
TUC	24	29	108	4	5239	1557	.	408	724	.	3	59	.	271	133	8559
	2115	5641	1276	6404	79544	271591	1692	18476	19603	209	591	3600	527	12916	6464	430649

* 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:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	155	345
ABERDEEN	16	27
ALASKA	11	85
ALBUQUERQUE	11	15
BEMIDJI	1	6
BILLINGS	12	28
CALIFORNIA	15	21
NASHVILLE	17	21
NAVAJO	7	29
OKLAHOMA	21	42
PHOENIX	16	28
PORTLAND	27	37
TUCSON	1	6

* Exporting databases may include data from multiple facilities.

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