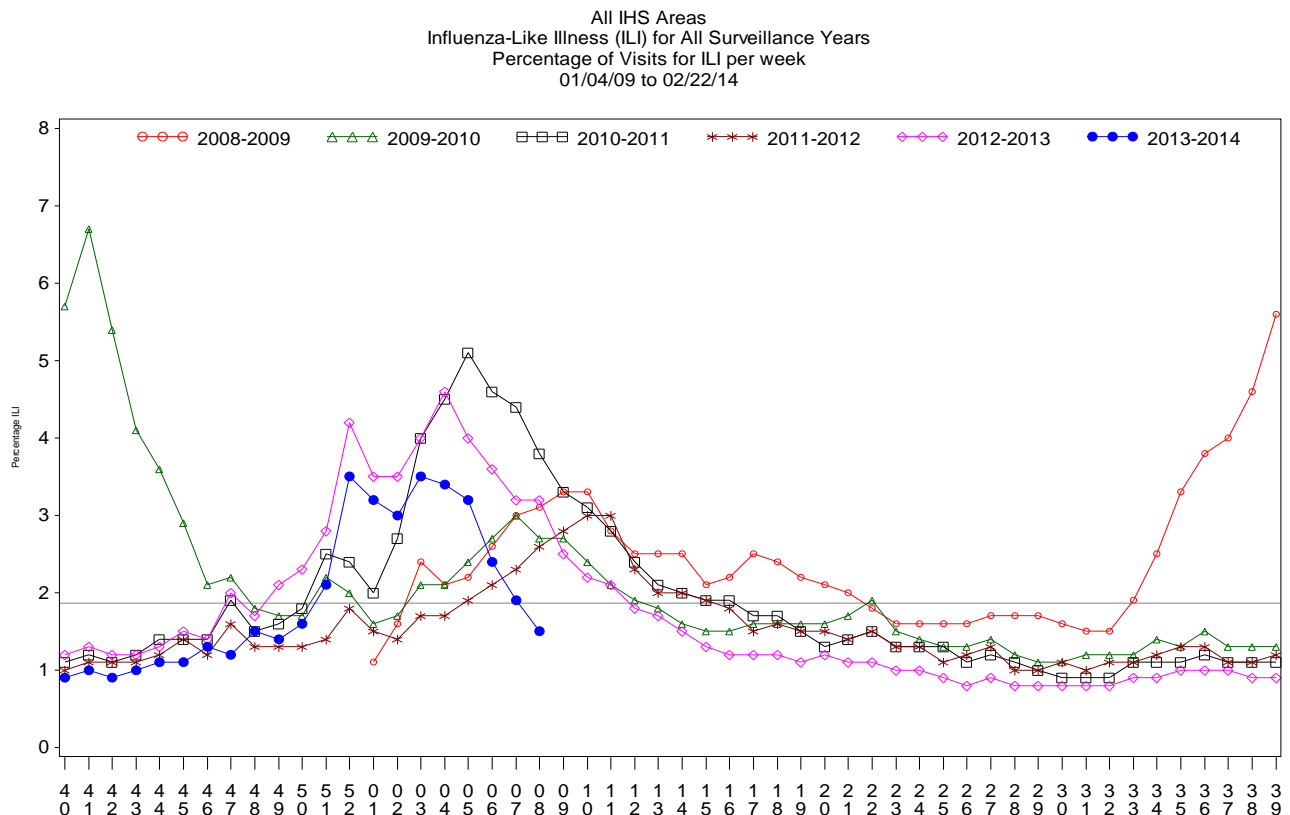




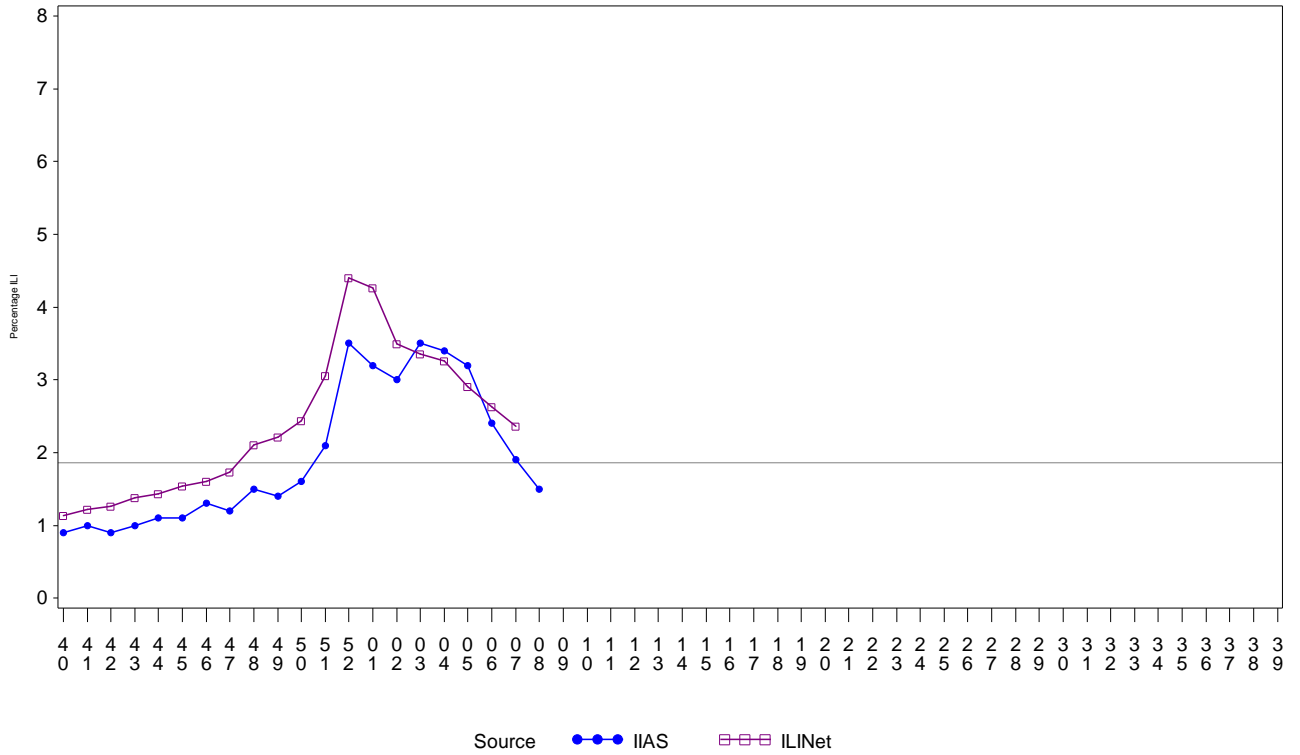
Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#21 (Week 8: 2/16/2014 – 2/22/2014)

- 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 IHS regions.
- Currently 36% of the IHS Active Clinical population have 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>



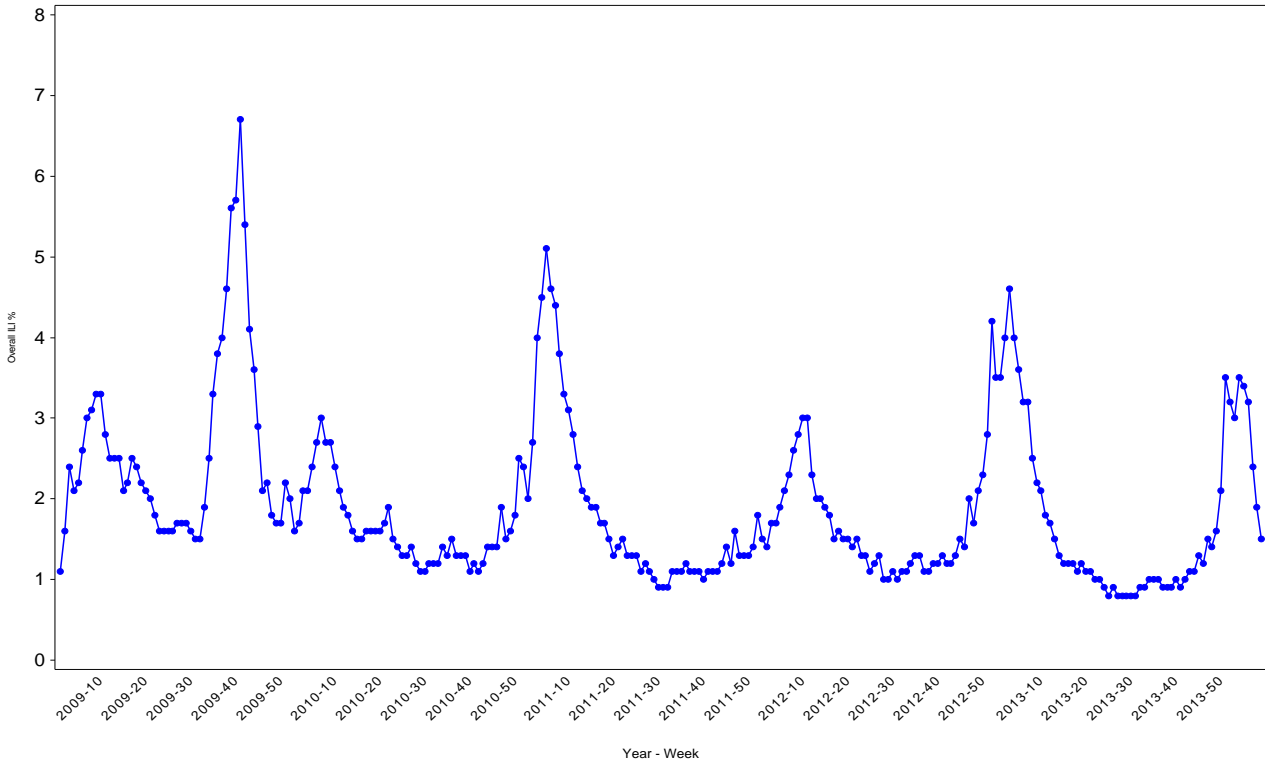
Percentage of ILI visits is number of ILI visits divided by total number of daily visits. The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2013 - 2014
 ILINet vs. IAS
 09/29/13 to 02/22/14



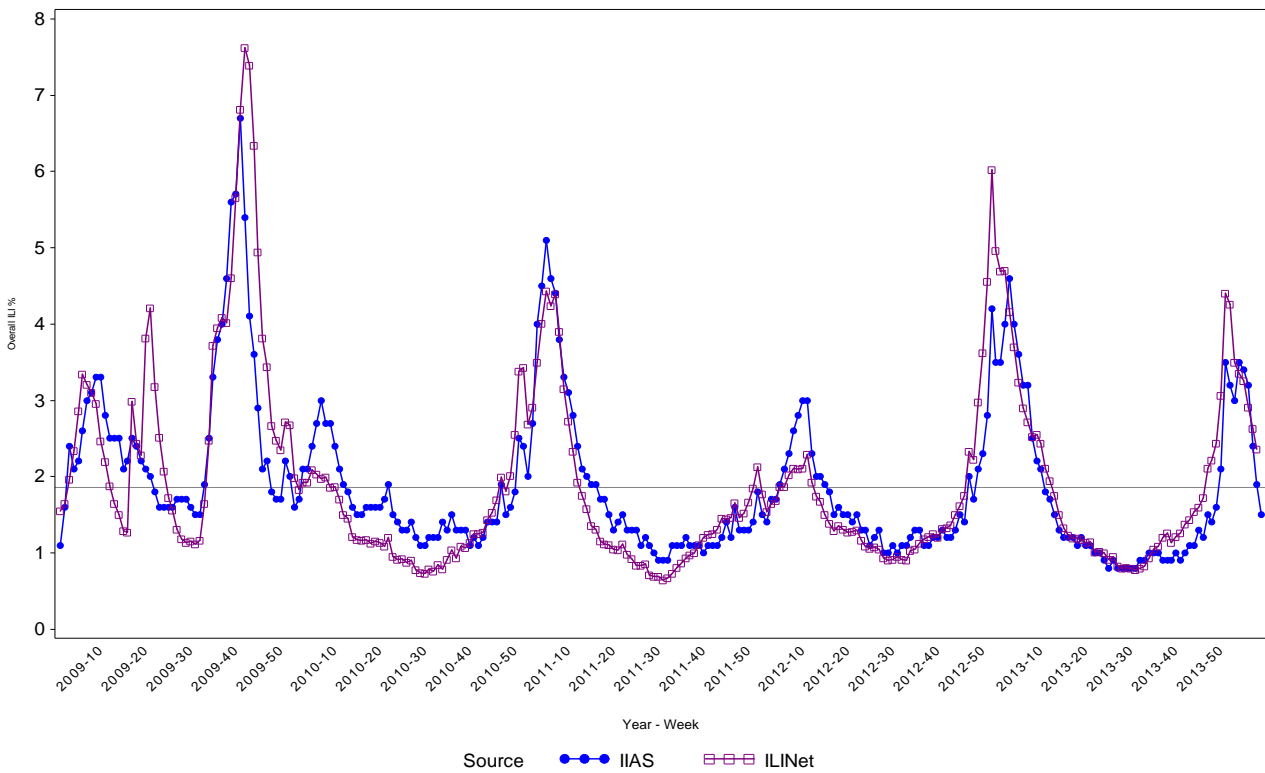
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for
 ILI during non-influenza weeks for the previous three seasons plus two standard deviations.
 Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, 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 02/22/14



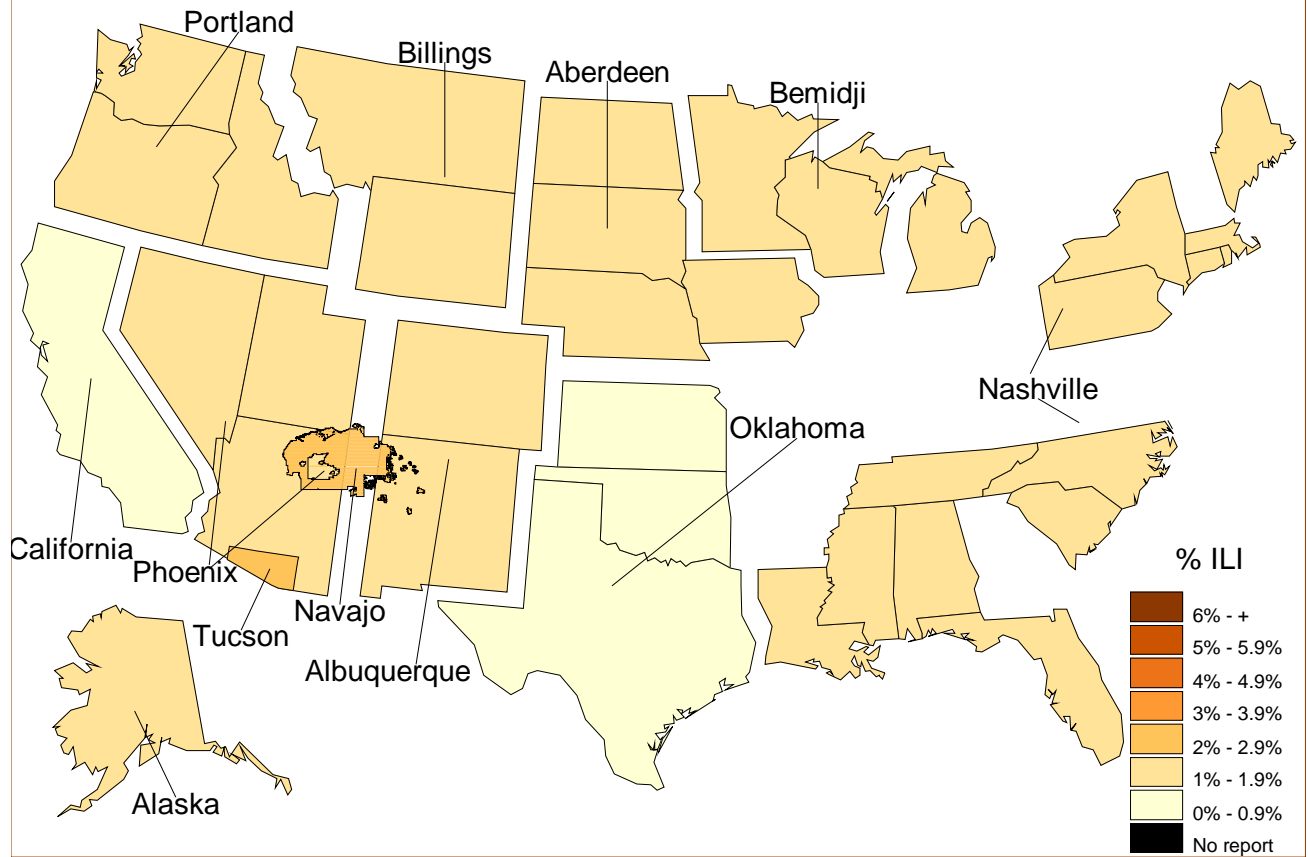
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IHS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 02/22/14



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: 8

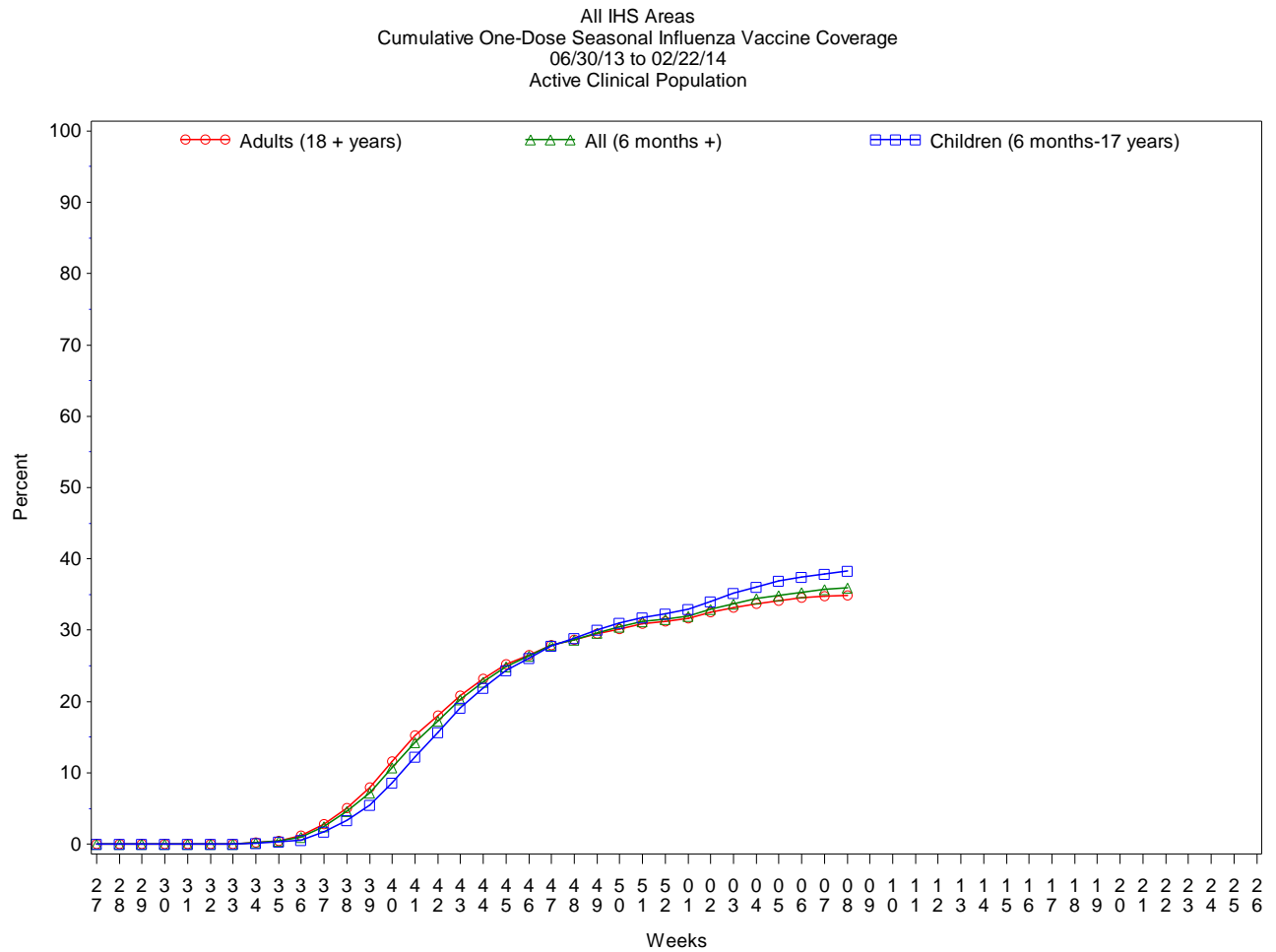


% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 7	% in Week 8
NATIONAL	1.9	1.5
ABERDEEN	1.9	1.9
ALASKA	1.3	1.3
ALBUQUERQUE	1.6	1.5
BEMIDJI	1.5	1.2
BILLINGS	1.9	1.8
CALIFORNIA	1.0	0.8
NASHVILLE	0.9	1.0
NAVAJO	3.6	2.6
OKLAHOMA	1.6	0.8
PHOENIX	1.9	1.8
PORTLAND	1.2	1.0
TUCSON	2.6	2.7

IHS Influenza Vaccination* Surveillance

- As of 2/22/2014, sites reporting to the IIAS have administered 421,231 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	5,302	144	2.7	1	0.0	145
6 - 23 months	26,340	16,525	62.7	5,013	19.0	21,611
2 - 4 years	64,700	23,056	35.6	895	1.4	24,043
5 - 17 years	236,701	85,832	36.3	1,056	0.4	87,234
18 - 49 years	507,596	142,321	28.0	1,710	0.3	144,760
50 - 64 years	195,571	86,217	44.1	1,112	0.6	87,790
65 + years	107,138	54,536	50.9	870	0.8	55,793
Children (6 months-17 years)	327,741	125,413	38.3	6,964	2.1	132,888
Adults (18 + years)	810,305	283,074	34.9	3,692	0.5	288,343
All (6 months +)	1,138,046	408,487	35.9	10,656	0.9	421,231

* 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	286	46	336	4470	18554	84	2343	1381	24	10	725	1	2378	208	30938
AKA	584	85	66	264	3157	6801	28	830	1715	8	4	274	.	410	271	14497
ALB	48	281	23	651	4774	19977	306	2026	1392	9	8	157	.	662	1252	31566
BEM	92	148	245	94	2560	8804	222	232	41	1	3	.	.	1561	373	14376
BIL	43	190	38	999	13473	6731	261	2267	1180	8	.	22	1	192	291	25696
CAO	89	216	91	641	2262	11729	54	599	803	145	.	10	.	533	388	17560
NSA	82	84	13	80	3393	4461	460	144	364	.	1	5	.	173	164	9424
NAV	348	424	75	148	8090	87040	1	1704	1762	1	3	1125	36	905	1185	102847
OKC	409	3203	127	2137	12740	67634	140	3810	7326	4	7	554	483	3827	392	102793
PHX	215	398	62	674	17096	20649	45	2389	3575	1	8	706	8	1403	1527	48756
POR	135	506	400	440	4394	22352	104	1993	400	10	550	80	.	734	372	32470
TUC	24	29	108	4	5367	1627	.	415	750	.	3	64	.	280	143	8814
	2161	5850	1294	6468	81776	276359	1705	18752	20689	211	597	3722	529	13058	6566	439737

* 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	158	350
ABERDEEN	15	26
ALASKA	11	85
ALBUQUERQUE	11	14
BEMIDJI	7	13
BILLINGS	12	30
CALIFORNIA	15	22
NASHVILLE	18	22
NAVAJO	6	26
OKLAHOMA	20	42
PHOENIX	15	27
PORTLAND	27	36
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.