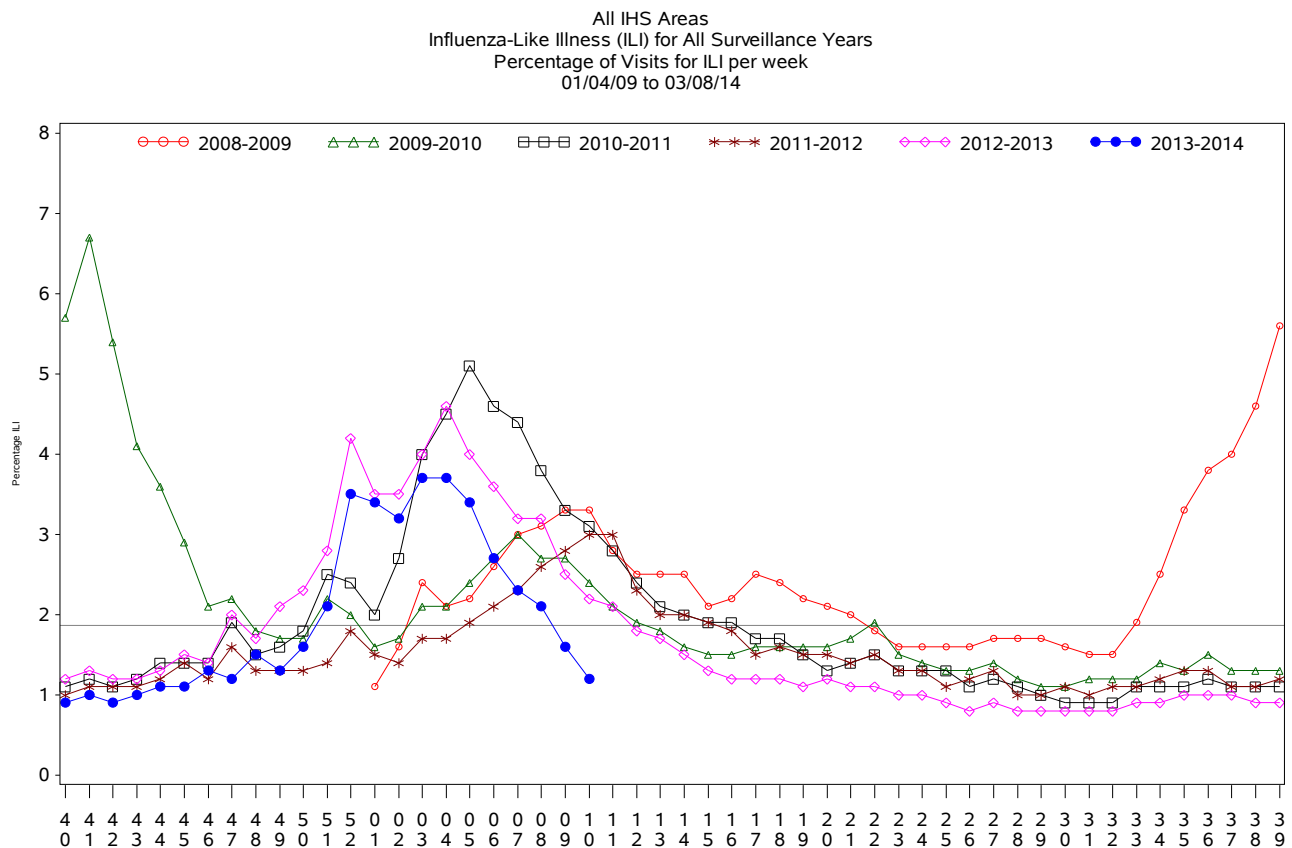




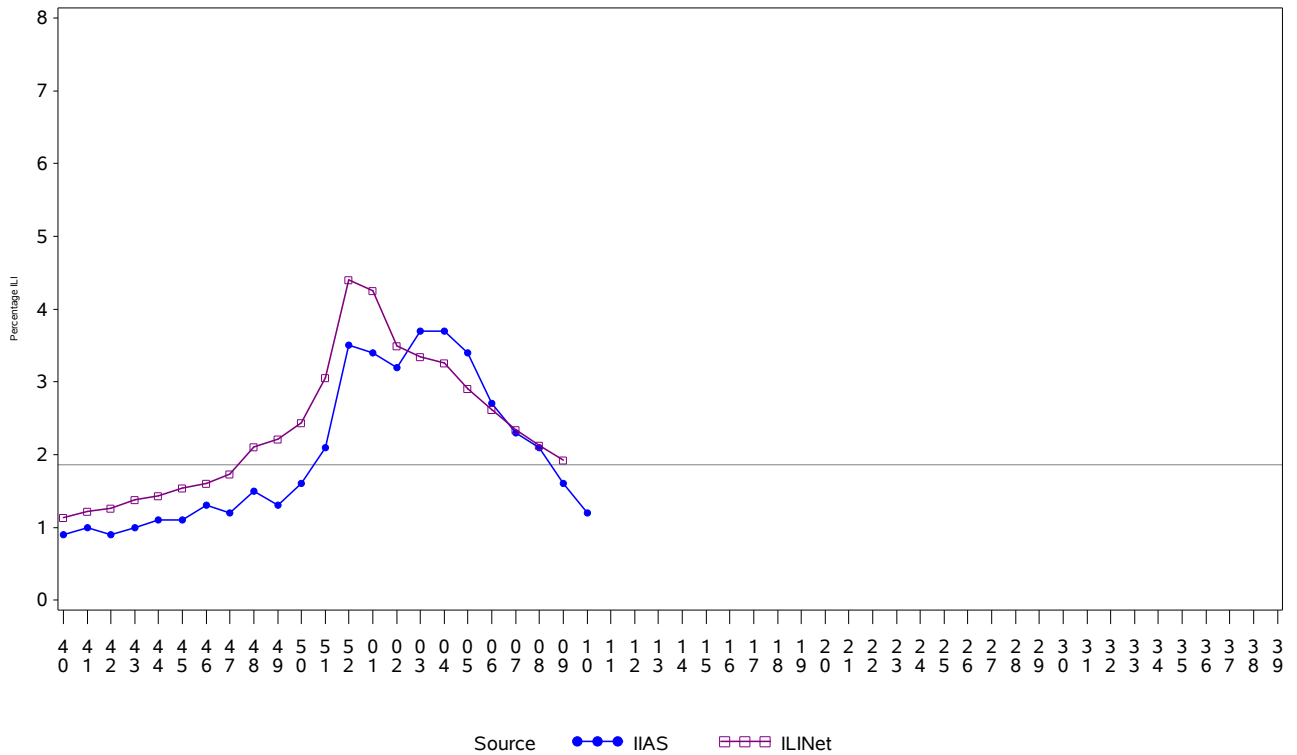
Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#23 (Week 10: 3/02/2014 – 3/08/2014)

- Overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased. In IHS, ILI levels appear to have peaked. In the US elevated ILI activity continues in some regions.
- This influenza season has been particularly hard on younger adults (those < 65 years of age). This age group is also less likely to get vaccinated. In IHS, 28.7% of the IHS Active Clinical population 18 – 64 years of age have been vaccinated.
- 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>



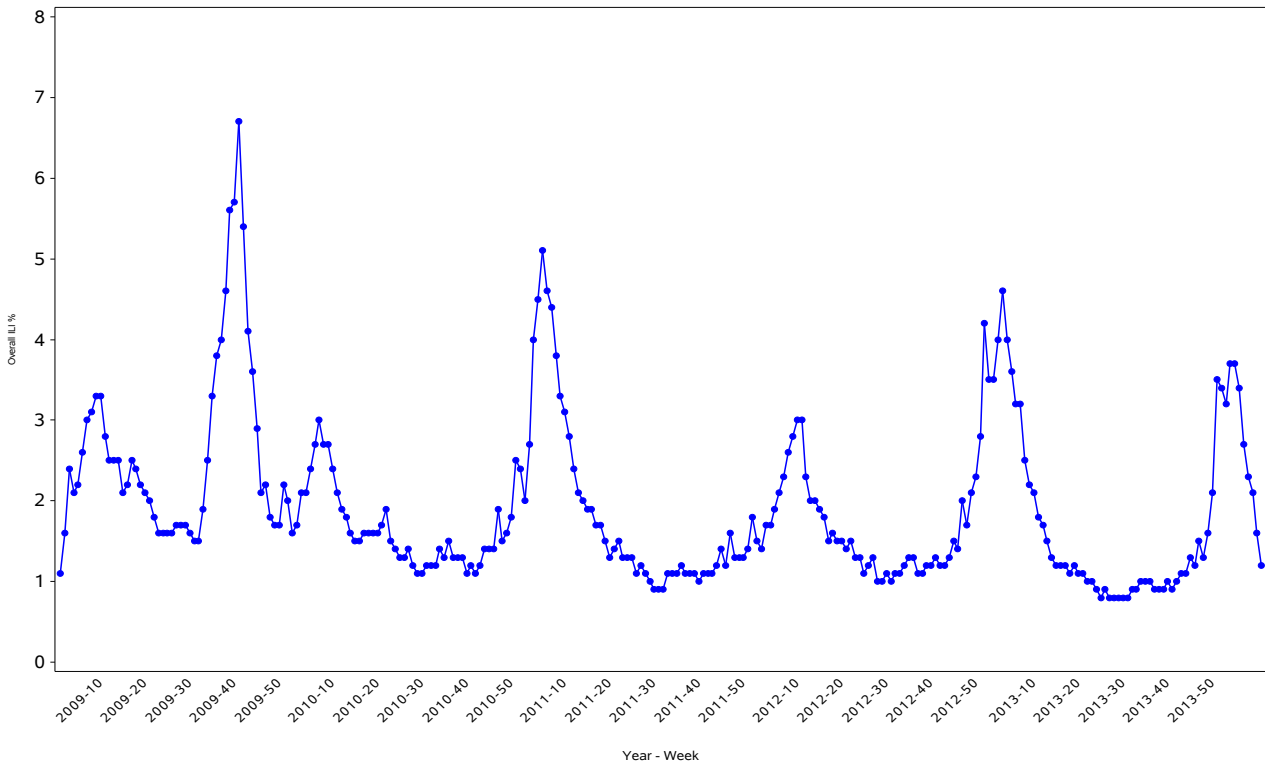
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2013 - 2014
 ILINet vs. IAS
 09/29/13 to 03/08/14



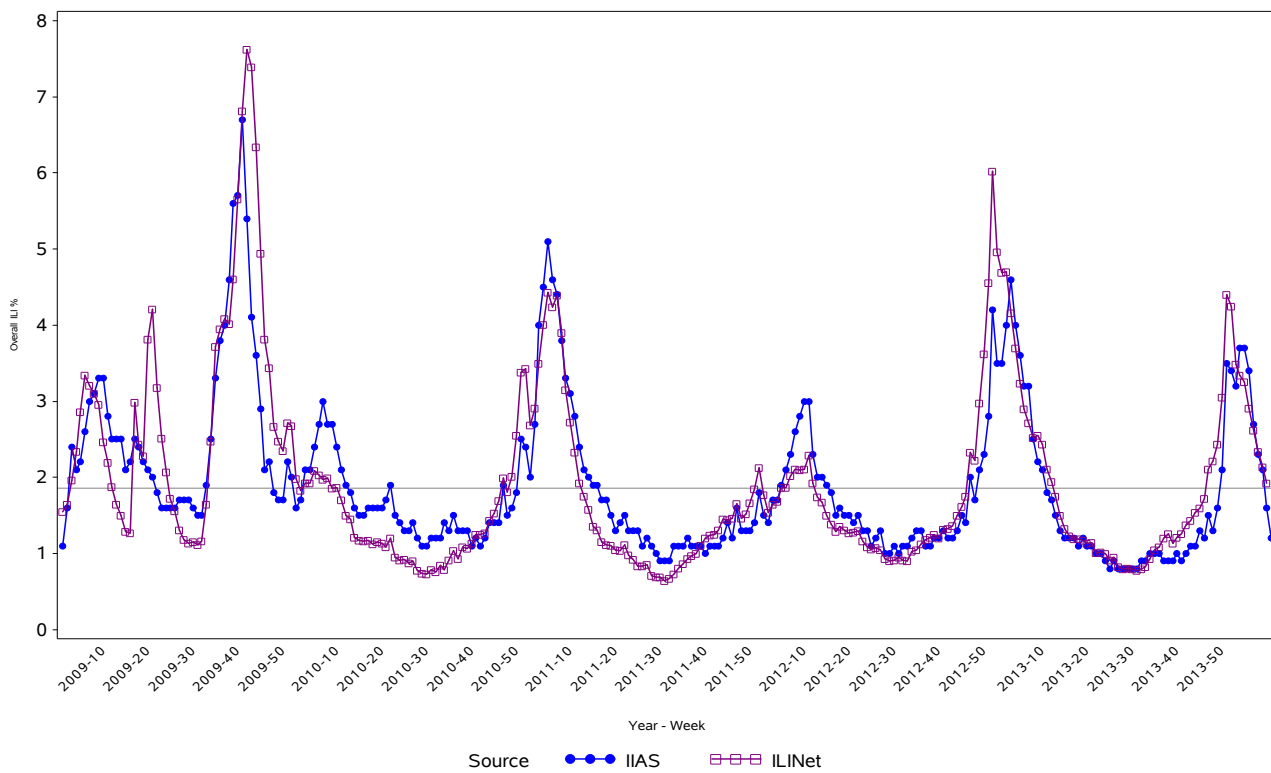
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for
 ILI during non-influenza weeks for the previous three seasons plus two standard deviations.
 Sources: ILINet - CDC 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 03/08/14



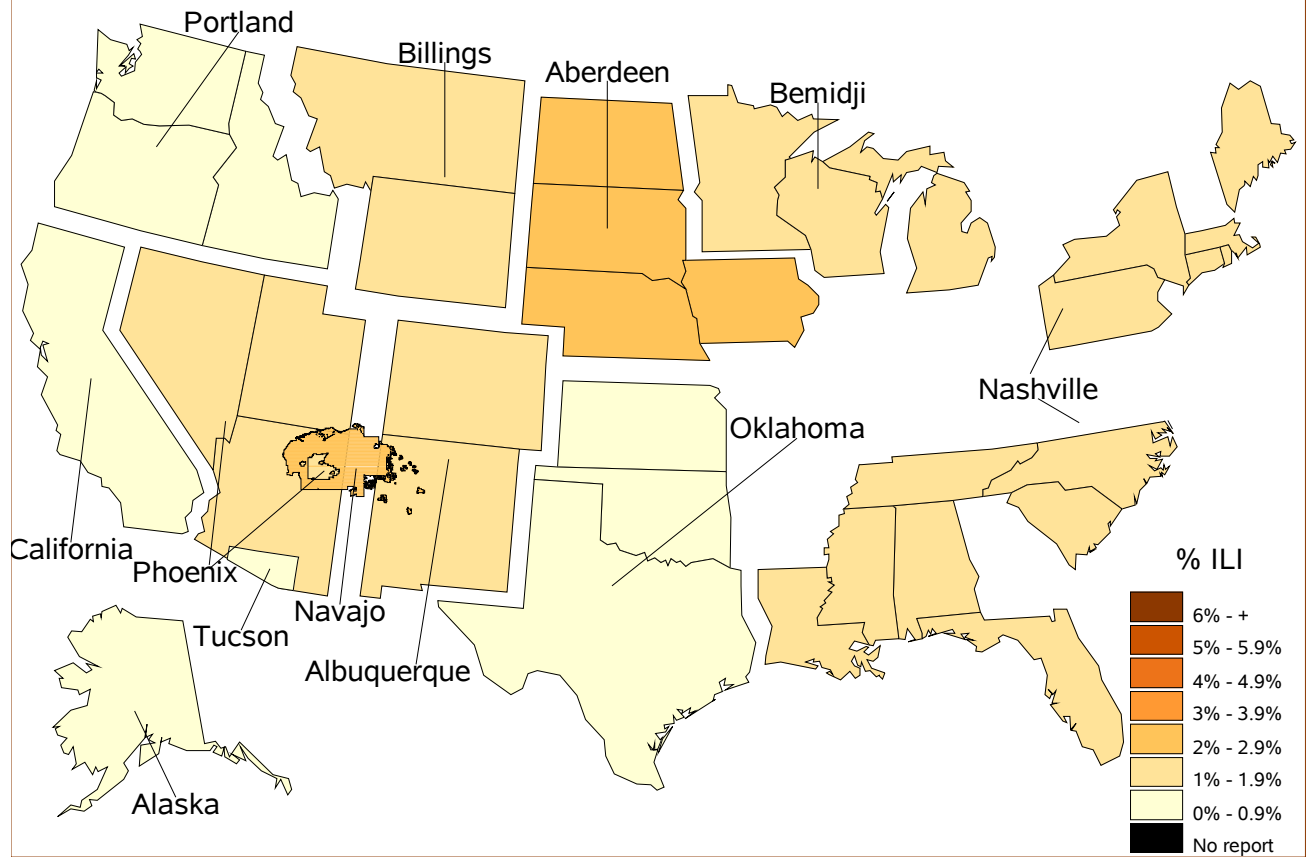
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 03/08/14



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: 10

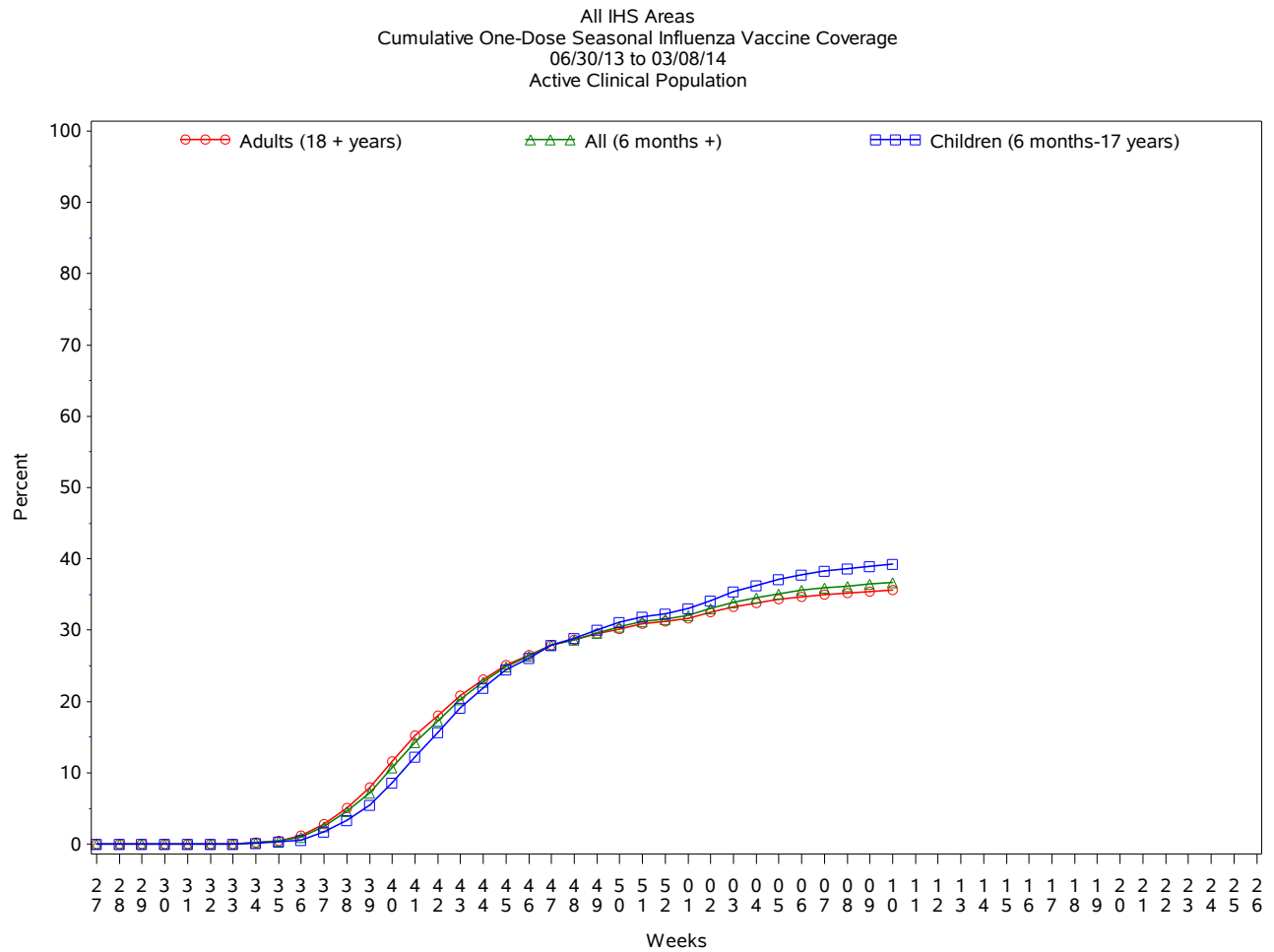


% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 9	% in Week 10
NATIONAL	1.6	1.2
ABERDEEN	2.2	2.0
ALASKA	0.9	0.6
ALBUQUERQUE	1.4	1.2
BEMIDJI	1.3	1.6
BILLINGS	1.4	1.1
CALIFORNIA	0.5	0.5
NASHVILLE	2.1	1.3
NAVAJO	3.3	2.3
OKLAHOMA	1.3	0.6
PHOENIX	1.7	1.4
PORTLAND	0.7	0.9
TUCSON	1.1	0.9

IHS Influenza Vaccination* Surveillance

- As of 3/08/2014, sites reporting to the IIAS have administered 431,090 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	5,299	155	2.9	1	0.0	156
6 - 23 months	26,348	17,219	65.4	5,598	21.2	22,893
2 - 4 years	64,538	23,813	36.9	1,022	1.6	24,927
5 - 17 years	236,542	87,762	37.1	1,126	0.5	89,236
18 - 49 years	507,309	145,708	28.7	1,905	0.4	148,351
50 - 64 years	195,927	87,597	44.7	1,157	0.6	89,222
65 + years	107,365	55,174	51.4	897	0.8	56,461
Children (6 months-17 years)	327,428	128,794	39.3	7,746	2.4	137,056
Adults (18 + years)	810,601	288,479	35.6	3,959	0.5	294,034
All (6 months +)	1,138,029	417,273	36.7	11,705	1.0	431,090

* 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	94	295	47	338	4569	18879	84	2360	1421	25	10	726	1	2391	207	31447
AKA	590	86	66	280	3323	6962	28	833	1818	8	4	298	.	413	273	14982
ALB	50	307	23	661	5239	21113	316	2105	1527	9	8	172	.	675	1272	33477
BEM	92	148	250	95	2662	8995	224	240	41	1	3	.	.	1575	374	14700
BIL	43	197	38	1000	13755	6899	261	2307	1211	8	.	23	2	195	292	26231
CAO	90	224	95	646	2319	11936	54	614	838	145	.	10	.	537	398	17906
NSA	82	85	13	81	3441	4502	461	147	374	2	1	6	.	180	168	9543
NAV	358	448	75	149	8437	87879	1	1708	1928	1	4	1149	37	913	1191	104278
OKC	421	3651	129	2163	13100	68954	145	3867	7509	4	7	564	521	3860	394	105289
PHX	223	418	65	677	17546	21185	46	2404	3739	1	8	747	8	1414	1539	50020
POR	144	519	413	444	4537	22772	116	2043	403	10	550	80	.	737	382	33150
TUC	24	29	108	4	5512	1708	.	415	776	.	3	64	.	286	142	9071
	2211	6407	1322	6538	84440	281784	1736	19043	21585	214	598	3839	569	13176	6632	450094

* 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	153	356
ABERDEEN	14	25
ALASKA	12	88
ALBUQUERQUE	13	22
BEMIDJI	1	3
BILLINGS	12	29
CALIFORNIA	13	20
NASHVILLE	17	21
NAVAJO	7	32
OKLAHOMA	22	48
PHOENIX	15	28
PORTLAND	26	35
TUCSON	1	5

* Exporting databases may include data from multiple facilities.

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