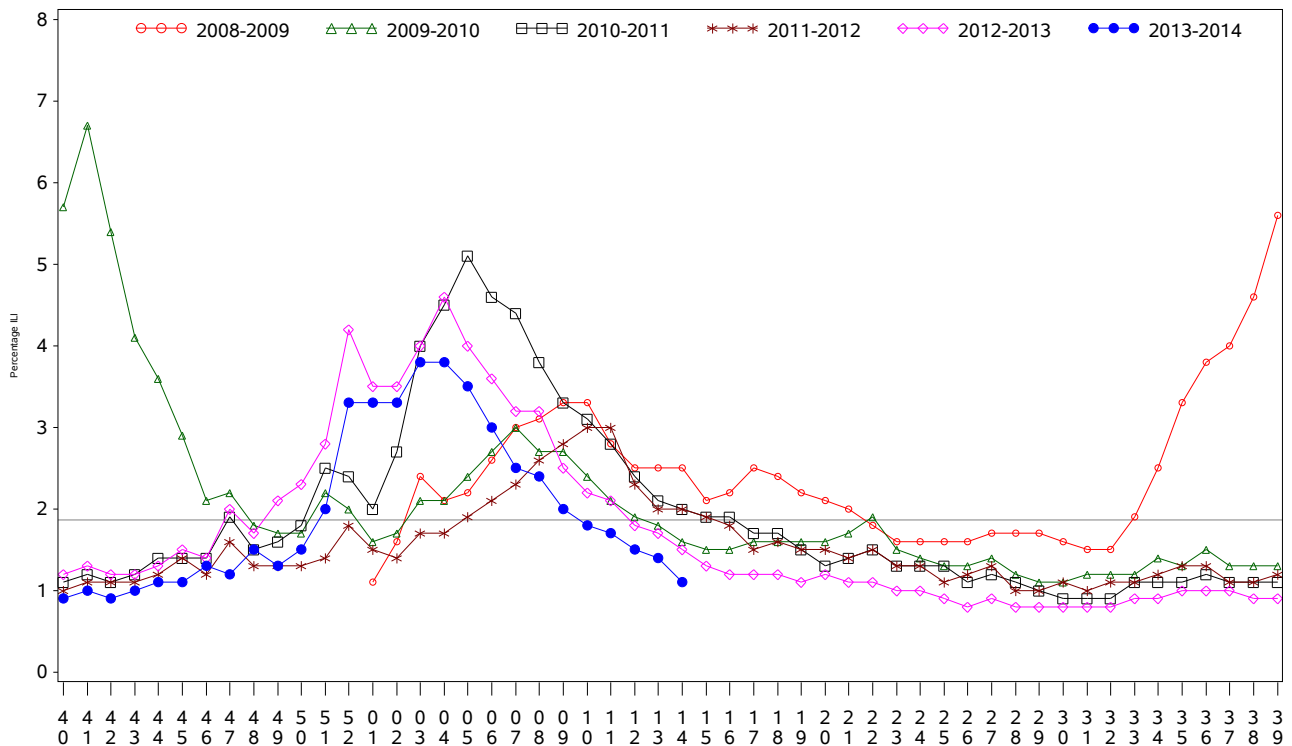




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#27 (Week 14: 3/30/2014 – 4/5/2014)

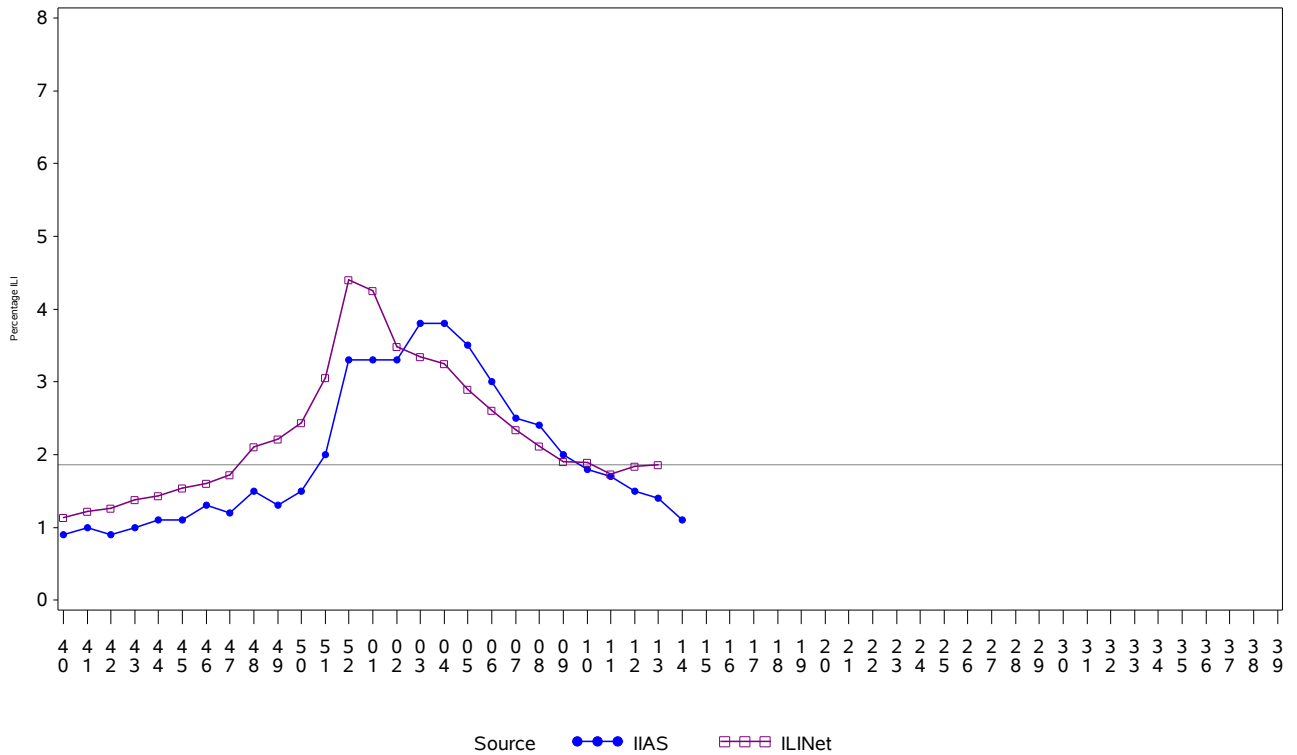
- Overall influenza-like-illness (ILI) activity in IHS and the U.S. has declined, though elevated activity continues in some parts of the U.S and in the IHS Navajo region.
- This influenza season has been particularly hard on younger adults. This age group is also less likely to get vaccinated. In IHS, 29% of the IHS Active Clinical population 18 – 49 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>

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 04/05/14



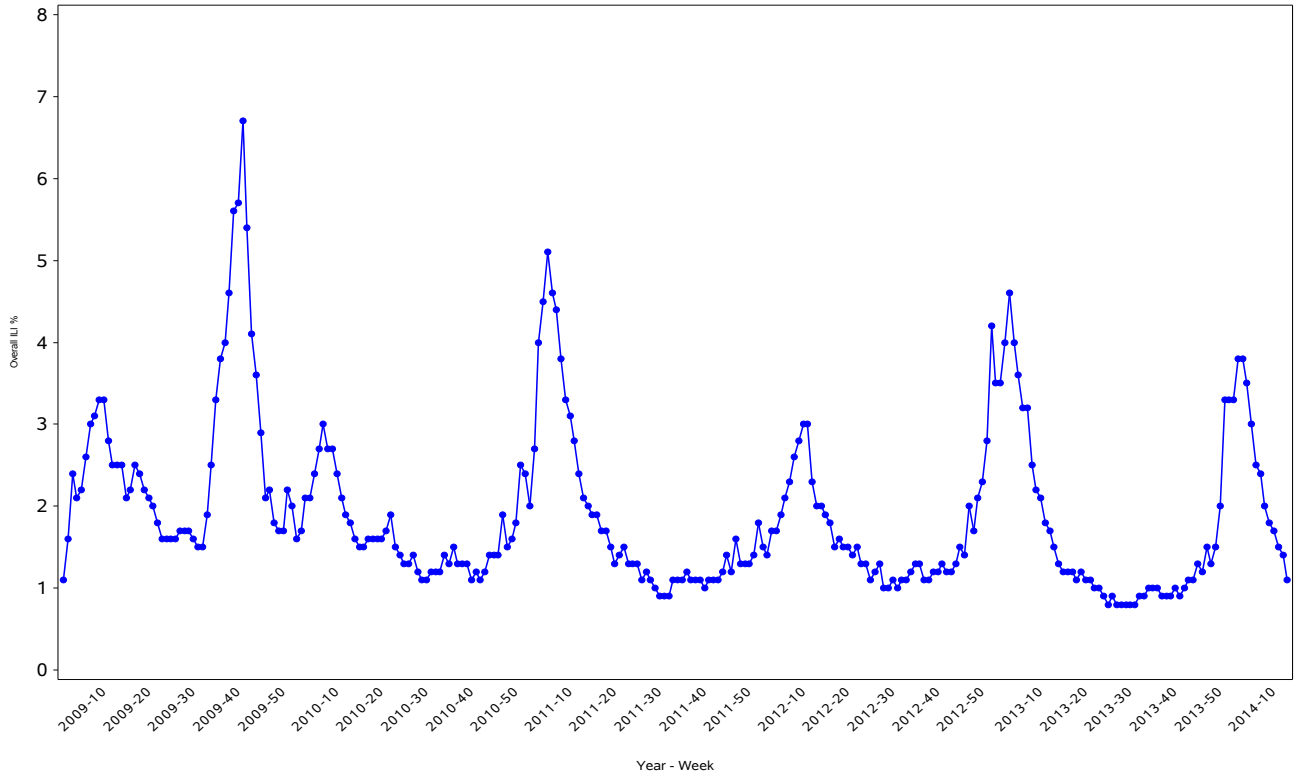
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2013 - 2014
 ILINet vs. IAS
 09/29/13 to 04/05/14



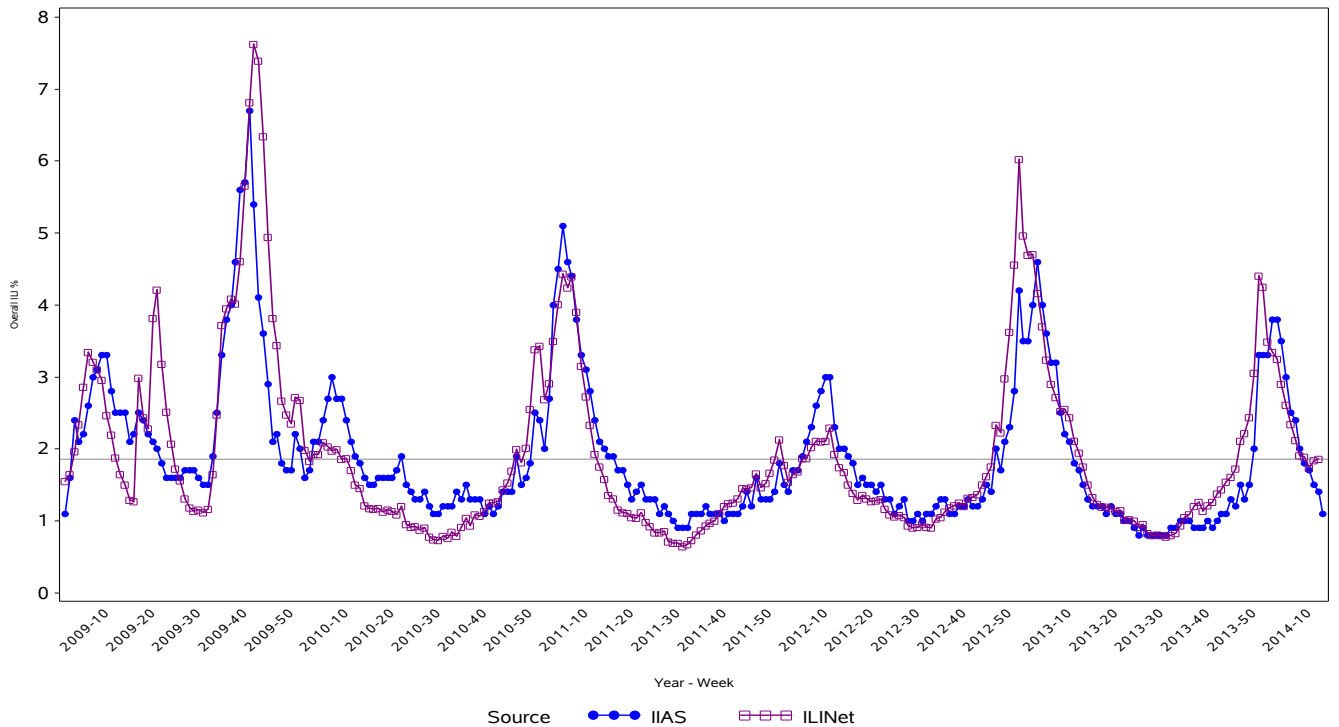
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for
 ILI during non-influenza weeks for the previous three seasons plus two standard 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 04/05/14



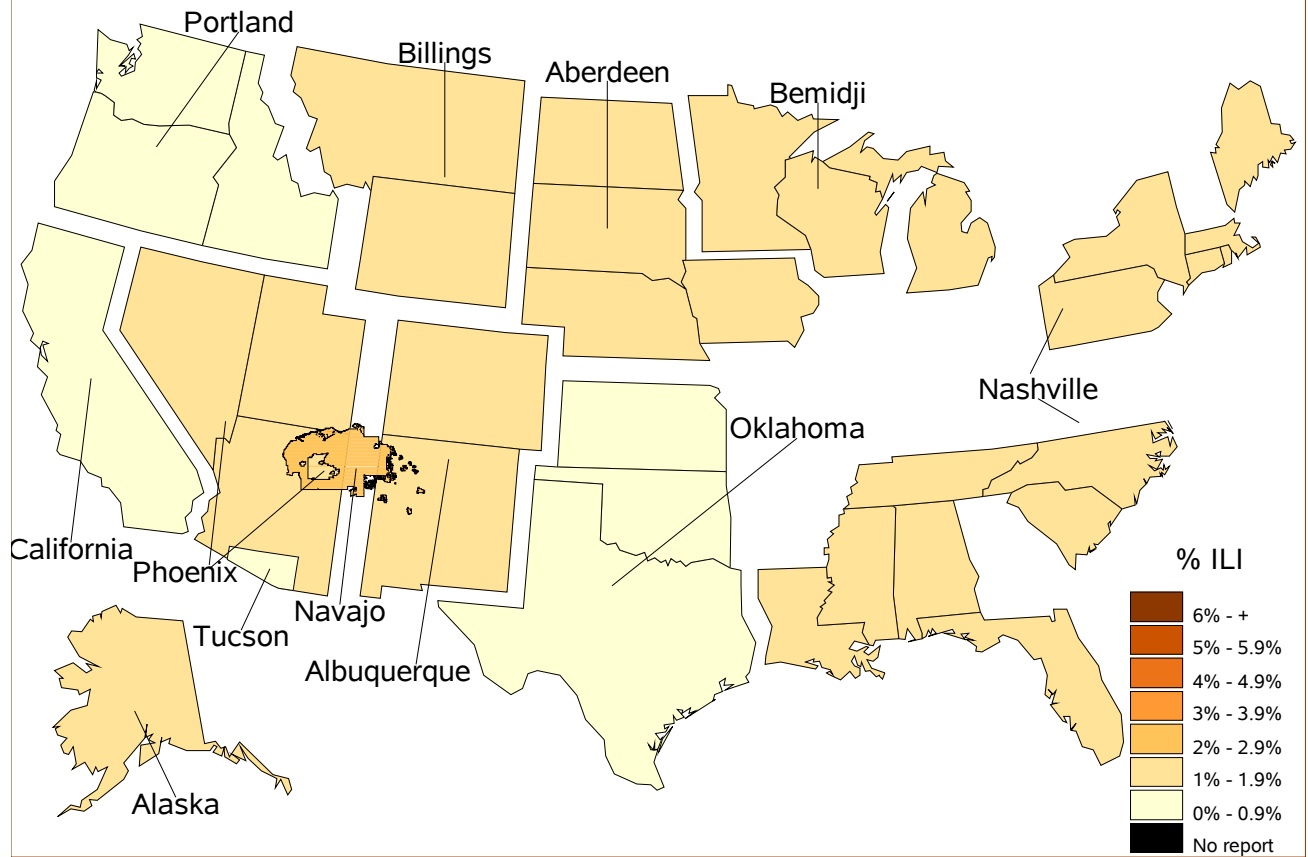
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

IIAS versus ILINet
 Influenza-Like Illness (ILI) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 01/04/09 to 04/05/14



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: 14

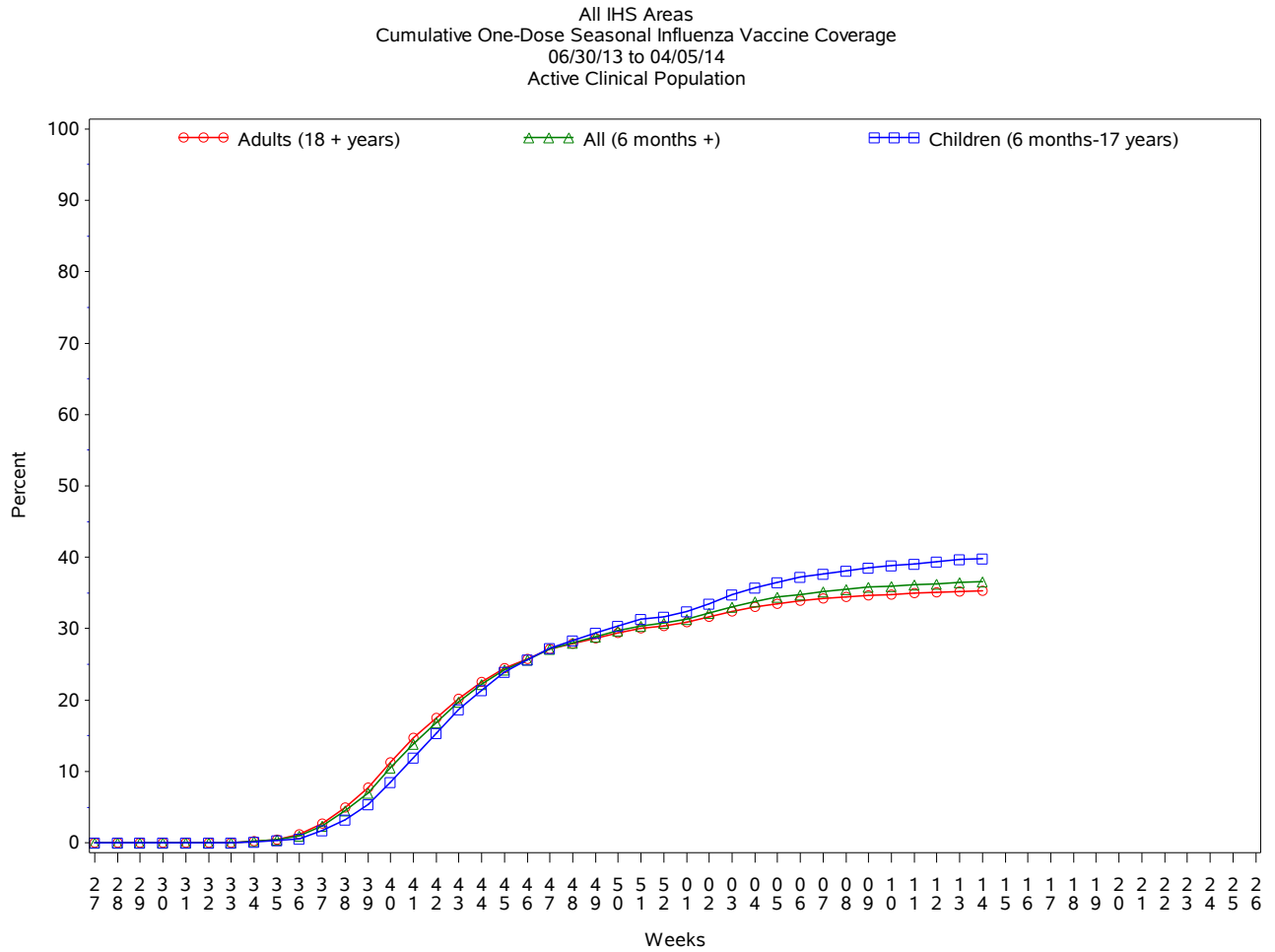


% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 13	% in Week 14
NATIONAL	1.4	1.1
ABERDEEN	1.8	1.3
ALASKA	0.9	1.1
ALBUQUERQUE	1.8	1.2
BEMIDJI	1.5	1.6
BILLINGS	1.3	1.2
CALIFORNIA	0.6	0.5
NASHVILLE	1.1	1.4
NAVAJO	3.4	2.4
OKLAHOMA	0.7	0.5
PHOENIX	1.4	1.4
PORTLAND	1.0	0.5
TUCSON	0.7	0.5

IHS Influenza Vaccination* Surveillance

- As of 4/5/2014, sites reporting to the IIAS have administered 442,256 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	5,441	215	4.0	4	0.1	220
6 - 23 months	27,119	18,306	67.5	6,416	23.7	24,796
2 - 4 years	65,711	24,772	37.7	1,185	1.8	26,049
5 - 17 years	241,774	90,004	37.2	1,217	0.5	91,573
18 - 49 years	520,893	149,514	28.7	2,017	0.4	152,154
50 - 64 years	202,525	89,044	44.0	1,208	0.6	90,645
65 + years	111,072	55,767	50.2	926	0.8	57,039
Children (6 months-17 years)	334,604	133,082	39.8	8,818	2.6	142,418
Adults (18 + years)	834,490	294,325	35.3	4,151	0.5	299,838
All (6 months +)	1,169,094	427,407	36.6	12,969	1.1	442,256

* 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	96	299	47	342	4776	19645	85	2369	1532	28	10	727	1	2420	207	32584
AKA	611	87	66	280	3476	7147	28	833	1968	8	4	292	.	418	280	15498
ALB	52	325	25	666	5631	21638	316	2106	1587	10	8	197	.	680	1269	34510
BEM	100	157	251	97	2824	9427	226	297	45	1	3	100	.	1615	376	15519
BIL	49	211	38	1009	14332	7389	261	2337	1246	9	.	23	2	207	297	27410
CAO	97	248	106	653	2396	12209	54	619	874	145	.	11	.	546	434	18392
NSA	83	87	13	81	3481	4573	461	147	386	2	1	6	.	185	176	9682
NAV	366	454	75	149	8833	88867	1	1711	2124	1	6	1229	37	925	1203	105981
OKC	431	3945	136	2186	13381	69912	146	3903	7797	4	7	577	533	3918	399	107275
PHX	234	433	65	679	18174	22037	48	2449	3929	3	11	818	10	1437	1561	51888
POR	148	534	416	444	4689	23175	124	2072	408	13	551	83	.	735	391	33783
TUC	26	29	108	4	5700	1805	.	422	817	.	3	74	1	300	145	9434
	2293	6809	1346	6590	87693	287824	1750	19265	22713	224	604	4137	584	13386	6738	461956

* 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	161	360
ABERDEEN	16	29
ALASKA	12	80
ALBUQUERQUE	15	24
BEMIDJI	5	13
BILLINGS	13	28
CALIFORNIA	14	21
NASHVILLE	19	23
NAVAJO	6	26
OKLAHOMA	20	46
PHOENIX	14	24
PORTLAND	26	35
TUCSON	1	11

* Exporting databases may include data from multiple facilities.

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