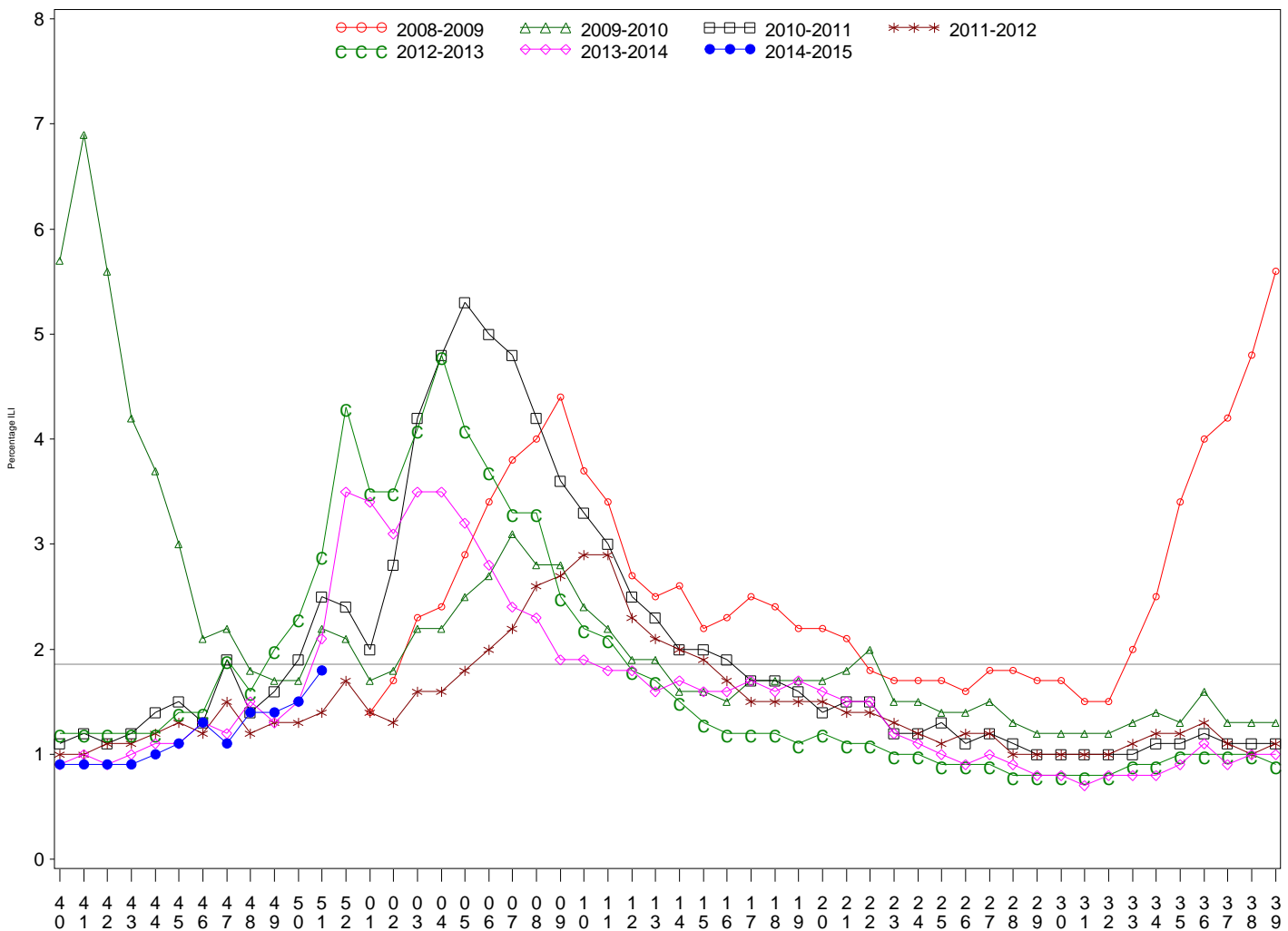




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#12 (Week 51: 6/29/2014 – 12/20/2014)

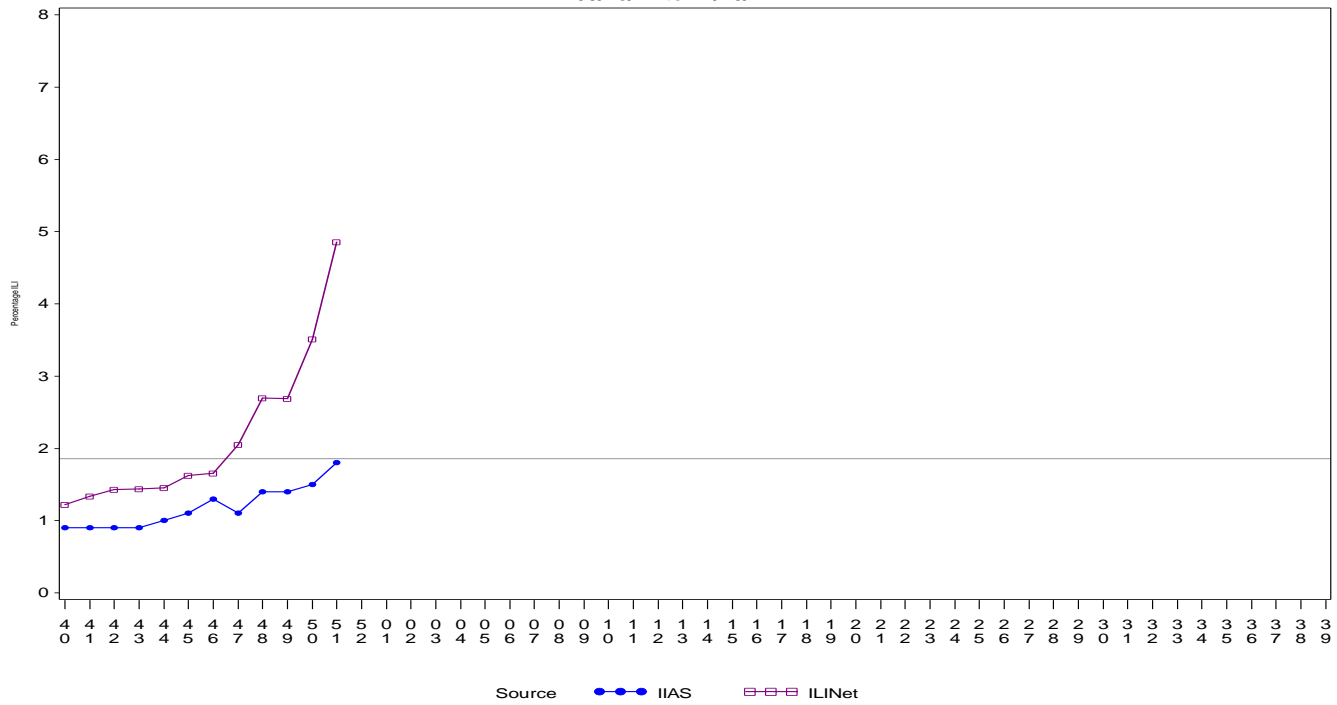
- Influenza-like-illness (ILI) activity in IHS and the U.S. is increasing.
- To date IHS has administered over 368,000 influenza vaccines this season.
- Overall, 30.6% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 12/20/14



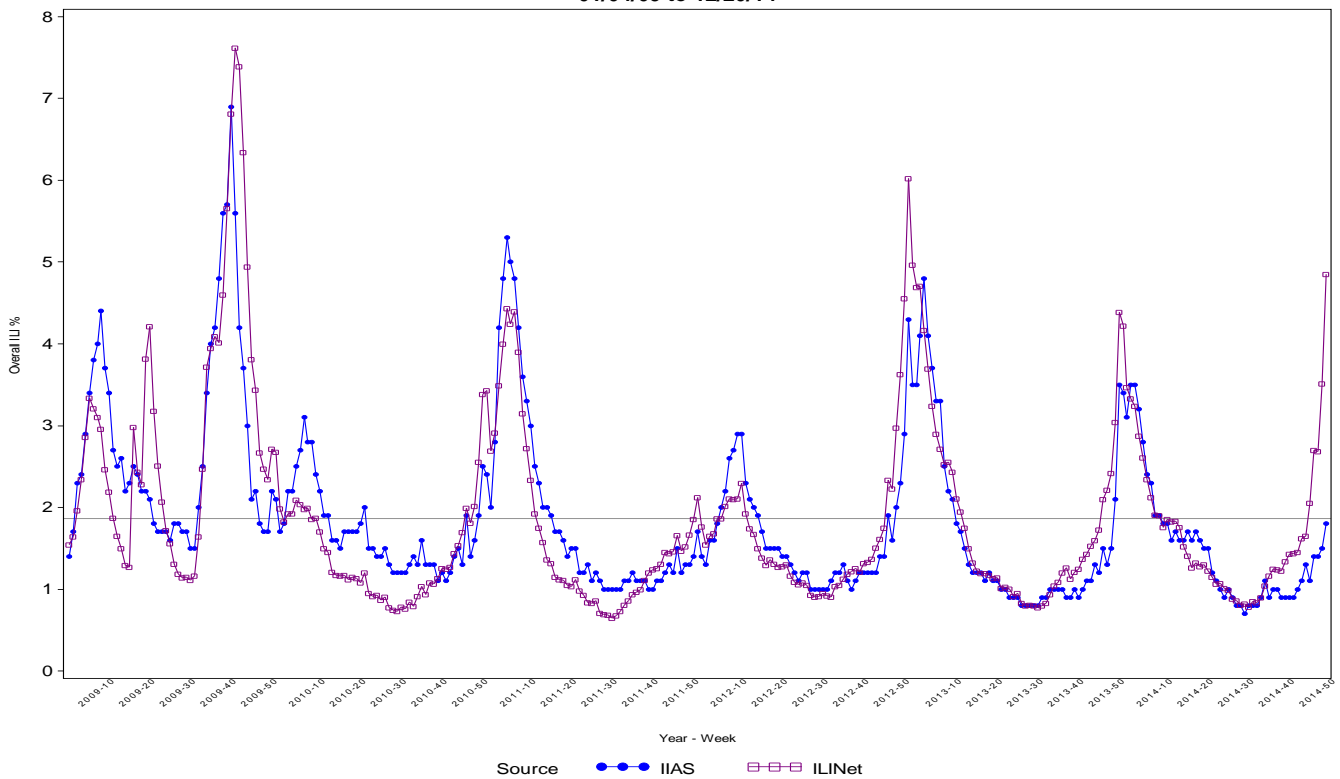
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2014 - 2015
ILINet vs. IIAS
09/28/14 to 12/20/14



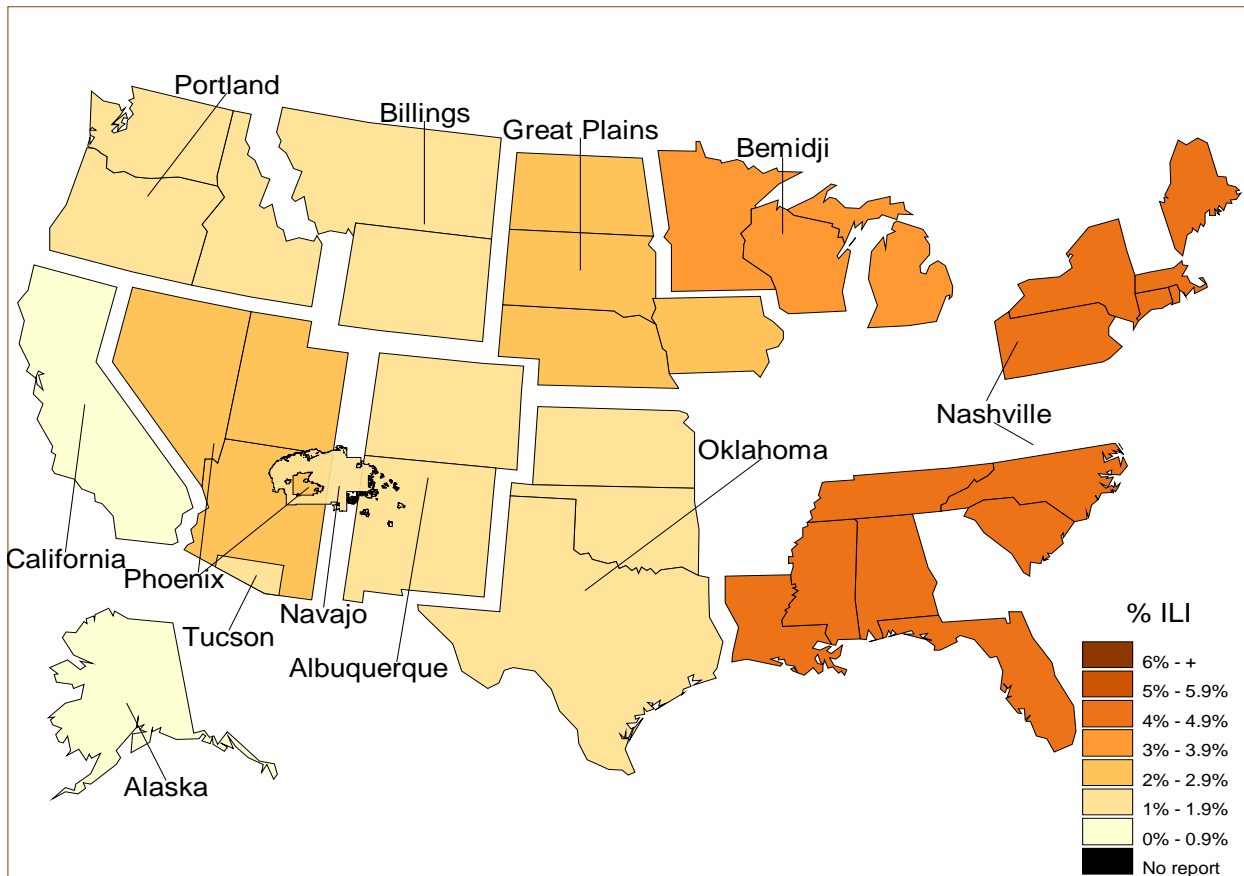
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard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

IIAS versus ILINet
Influenza-Like Illness (ILI) All Surveillance Years - Continuous
Percentage of Visits for ILI per week
01/04/09 to 12/20/14



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: 51



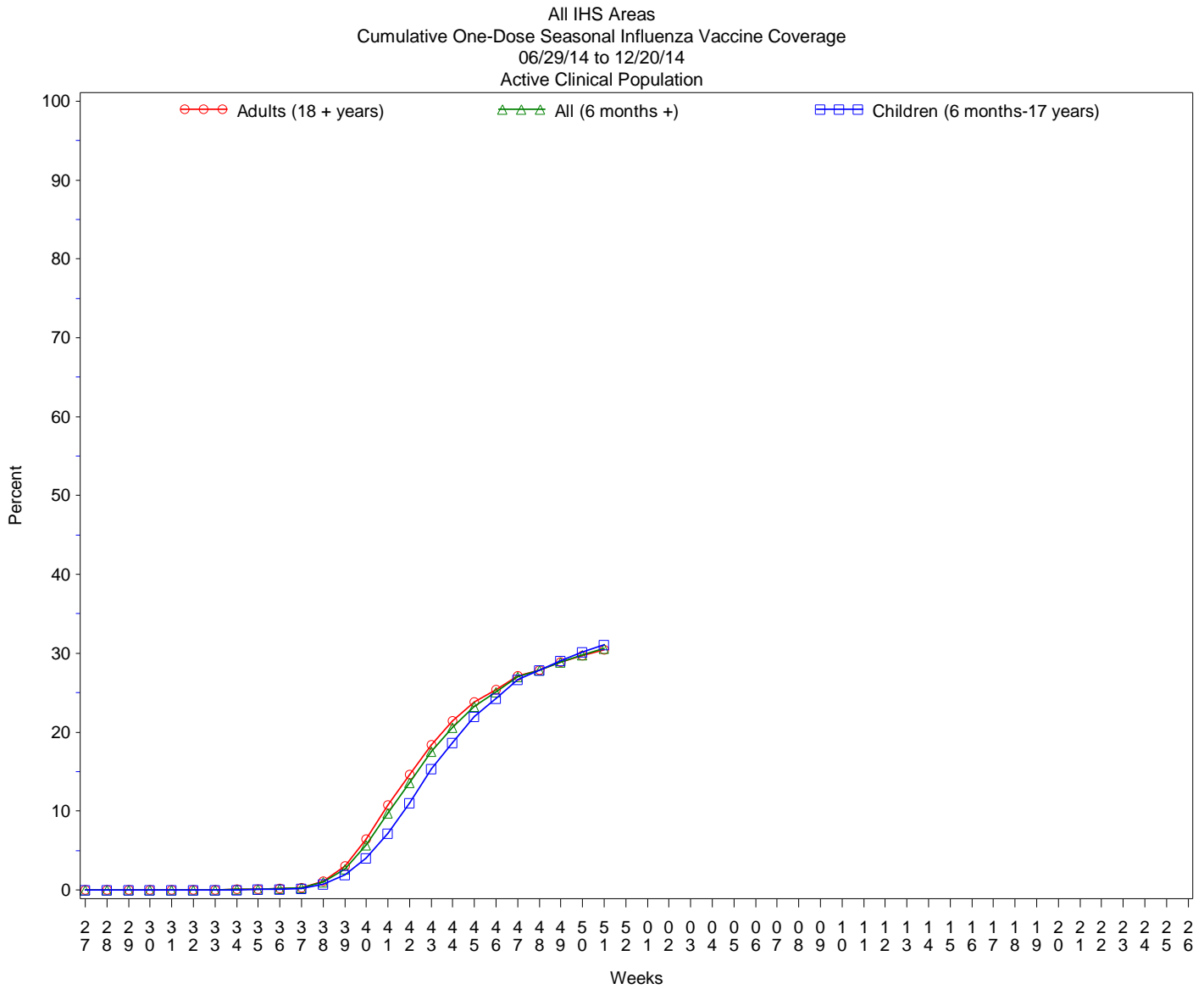
% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 50	% in Week 51
NATIONAL	1.5	1.8
ALASKA	0.8	0.3
ALBUQUERQUE	1.1	1.3
BEMIDJI	1.4	3.2
BILLINGS	1.5	1.7
CALIFORNIA	0.9	0.8
GREAT PLAINS	1.9	2.6
NASHVILLE	2.3	4.4
NAVAJO	1.4	1.6
OKLAHOMA	1.4	1.5
PHOENIX	2.1	2.0
PORTLAND	1.5	1.7
TUCSON	1.3	1.2

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

IHS Influenza Vaccination* Surveillance

- As of 12/20/2014, sites reporting to the IIAS have administered 368,033 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.



Influenza Vaccination Coverage by Age Group*

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	5,417	88	1.6	4	0.1	92
6 - 23 months	27,067	12,147	44.9	1,874	6.9	14,054
2 - 4 years	65,763	18,052	27.5	305	0.5	18,423
5 - 17 years	245,231	74,842	30.5	657	0.3	75,774
18 - 49 years	519,236	121,571	23.4	1,184	0.2	123,214
50 - 64 years	208,162	80,468	38.7	804	0.4	81,597
65 + years	115,990	54,023	46.6	621	0.5	54,971
Children (6 months-17 years)	338,061	105,041	31.1	2,836	0.8	108,251
Adults (18 + years)	843,388	256,062	30.4	2,609	0.3	259,782
All (6 months +)	1,181,449	361,103	30.6	5,445	0.5	368,033

* Limited to sites that exported both doses administered and active clinical population data.

** Active Clinical is defined as patients who have had at least 2 visits in the last 3 years.

*** Number of unique patients with at least 1 dose.

**** Total # Doses Administered = All doses administered to patients including doses not included in coverage calculation due to lack of 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-cclIV3	CVX 155 FLU-RIV3	CVX 158 IIV4	CVX 161 IIV4pf-ped	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	41	74	6	328	30	3765	.	749	1956	108	2	3944	.	1	172	111	11287
ALB	113	256	13	1033	354	13809	217	2590	5267	1	1	2238	40	.	110	213	26255
BEM	106	233	50	320	496	6728	13	1093	1470	1	1	472	2	.	505	76	11566
BIL	100	132	7	909	212	4749	1	2127	9732	1	.	840	.	.	91	131	19032
CAO	108	209	5	986	1253	12510	503	2107	3364	1	2	1230	1	.	328	287	22894
GPA	46	161	14	459	433	14228	45	3275	7102	3	3	4655	15	1	1177	56	31673
NSA	288	154	.	154	210	6208	401	682	3203	.	6	381	.	24	165	213	12089
NAV	120	356	20	418	3983	67913	.	4232	6418	2	1	5743	68	1	487	615	90377
OKC	165	2328	105	3260	228	50546	347	5199	21320	13	3	3585	.	190	957	174	88420
PHX	73	498	6	1463	265	16729	102	4392	18407	1	4	1876	17	6	449	526	44814
POR	192	581	92	754	1148	10937	300	2542	4977	15	12	4104	104	.	327	313	26398
TUC	.	31	1	11	4	447	1	358	6409	.	.	993	.	1	263	21	8540
	1352	5013	319	10095	8616	208569	1930	29346	89625	146	35	30061	247	224	5031	2736	393345

* 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.

+ CPT Flu codes include: 90654-90662, 90672-90673, 90685-90686, 90724, G0008, G8108.

^ ICD9 codes V04.8 and V06.6 are not displayed on this report and are not used in any of the influenza vaccine coverage calculations.

- This report includes data from the following number of Resource and Patient Management System (RPMS) databases:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	181	389
ALASKA	9	51
ALBUQUERQUE	15	23
BEMIDJI	5	10
BILLINGS	13	28
CALIFORNIA	27	48
GREAT PLAINS	17	31
NASHVILLE	19	27
NAVAJO	8	45
OKLAHOMA	20	44
PHOENIX	18	34
PORTLAND	28	37
TUCSON	2	11

* Exporting databases may include data from multiple facilities.

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