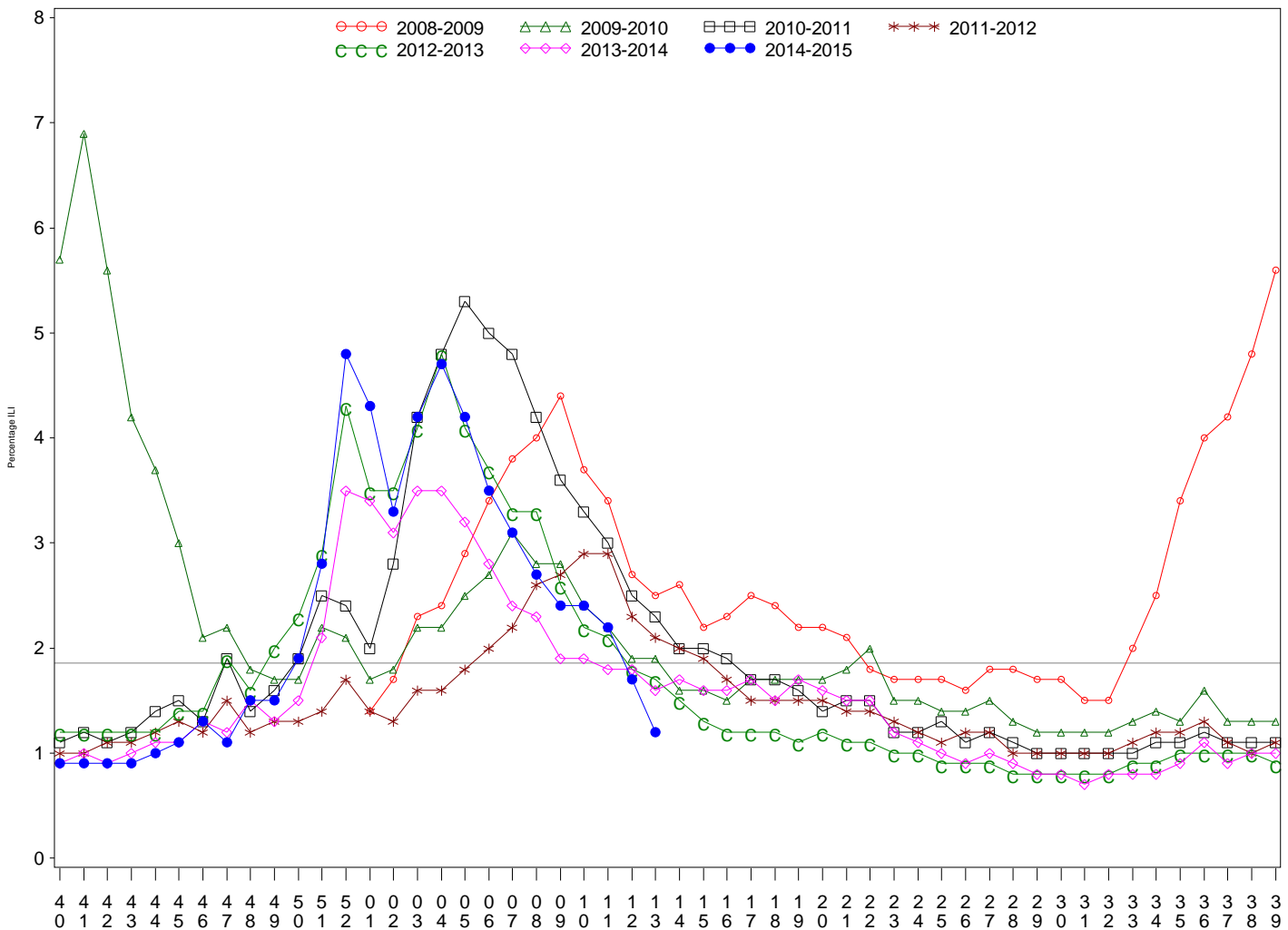




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#26 (Week 13: 6/29/2014 – 3/28/2015)

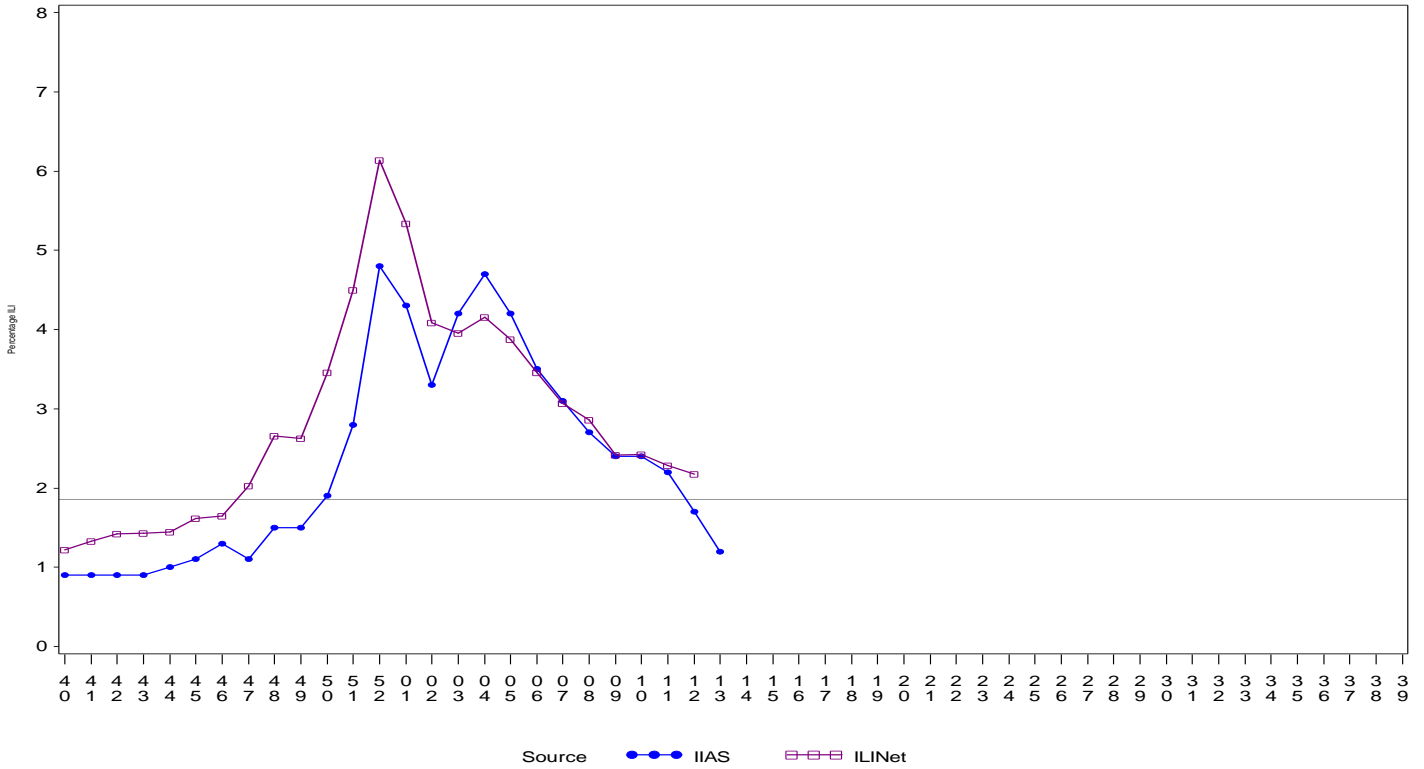
- Influenza-like-illness (ILI) activity in IHS and the U.S. is declining, but remains slightly elevated in the Bemidji region.
- To date IHS has administered over 450,000 influenza vaccines this season.
- Overall, 36.7% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 3/28/15



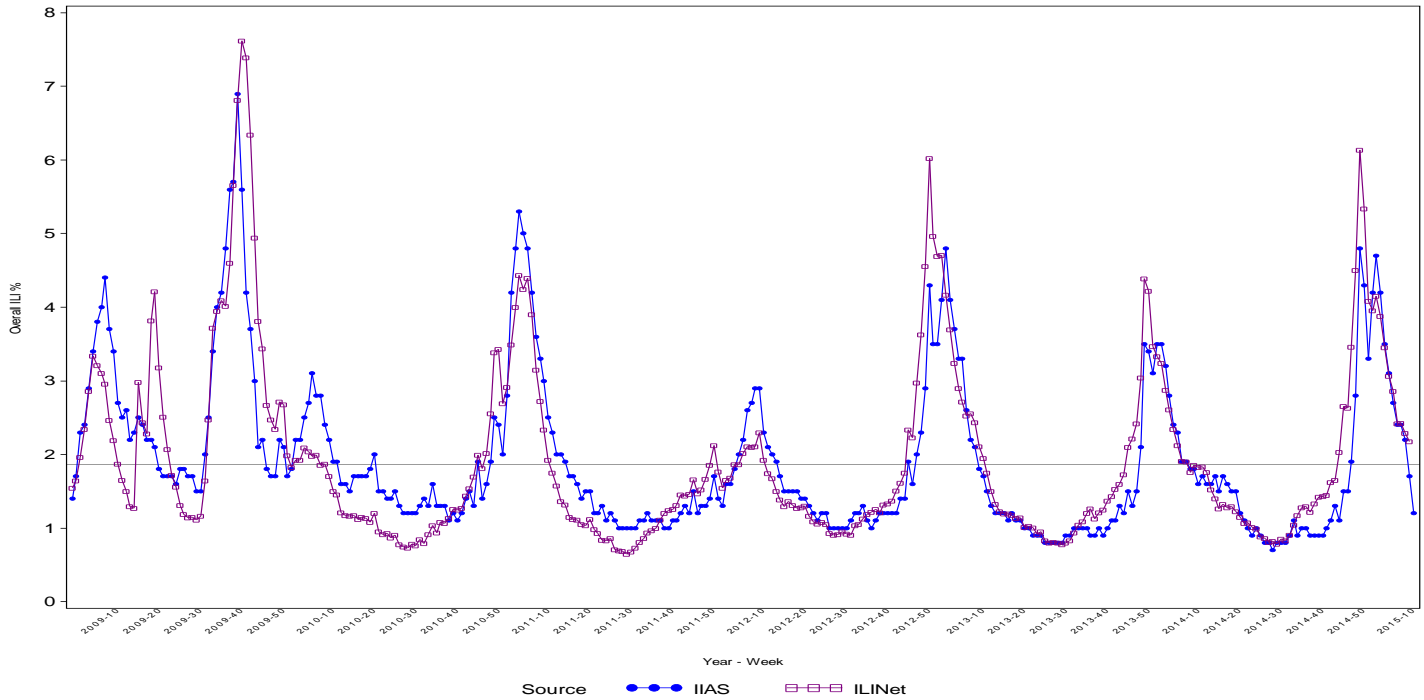
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2014 - 2015
 ILINet vs. IIAS
 09/28/14 to 3/28/15



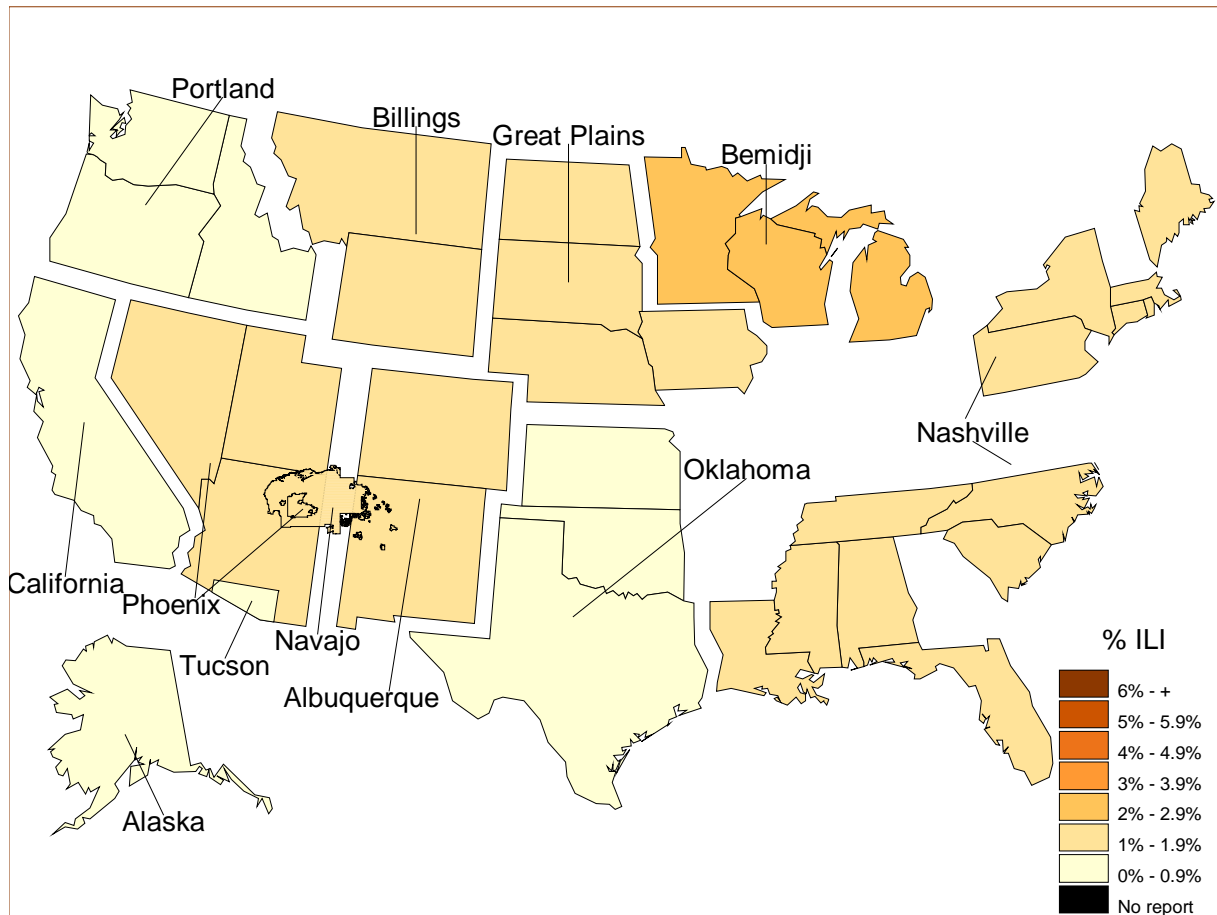
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard 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 3/28/15



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 IHS Area
For Week: 13



% Visits for ILI Compared to Previous Week

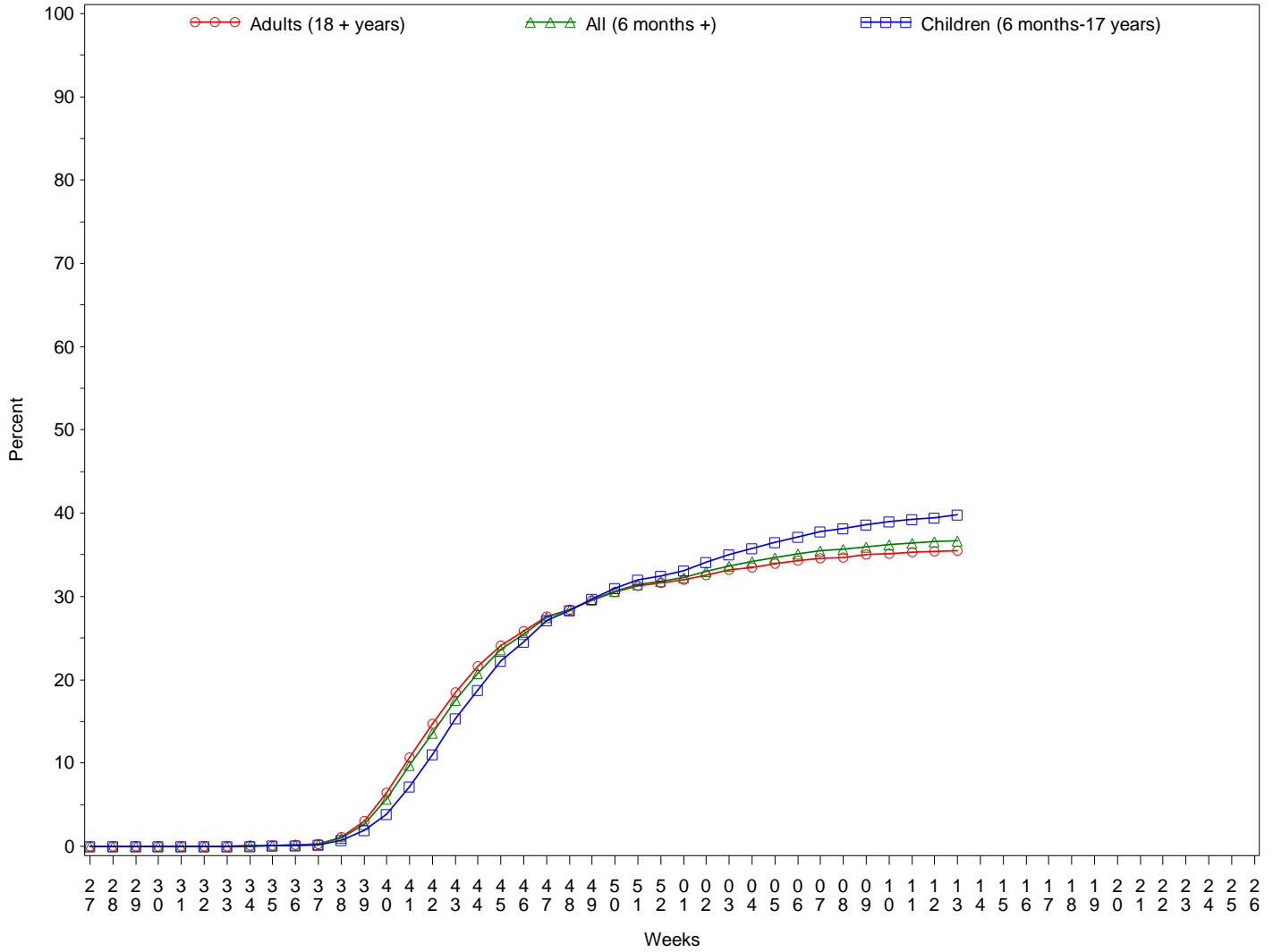
IHS Areas	% in Week 12	% in Week 13
NATIONAL	1.7	1.2
ALASKA	0.6	0.8
ALBUQUERQUE	1.9	1.8
BEMIDJI	2.7	2.1
BILLINGS	2.0	1.5
CALIFORNIA	0.9	0.8
GREAT PLAINS	1.9	1.6
NASHVILLE	1.8	1.2
NAVAJO	2.3	1.7
OKLAHOMA	1.4	0.5
PHOENIX	1.8	1.3
PORTLAND	1.2	0.8
TUCSON	1.4	0.5

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

IHS Influenza Vaccination Surveillance

- As of 3/28/2015, sites reporting to the IAS have administered 450,937 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

All IHS Areas
 Cumulative One-Dose Seasonal Influenza Vaccine Coverage
 06/29/14 to 3/28/15
 Active Clinical Population



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	5,475	195	3.6	4	0.1	201
6 - 23 months	27,245	18,219	66.9	5,669	20.8	23,942
2 - 4 years	65,757	24,669	37.5	751	1.1	25,503
5 - 17 years	247,769	92,751	37.4	1,001	0.4	94,106
18 - 49 years	521,938	147,725	28.3	1,789	0.3	150,087
50 - 64 years	211,056	93,312	44.2	1,157	0.5	94,887
65 + years	117,983	61,056	51.7	972	0.8	62,412
Children (6 months-17 years)	340,771	135,639	39.8	7,421	2.2	143,551
Adults (18 + years)	850,977	302,093	35.5	3,918	0.5	307,386
All (6 months +)	1,191,748	437,732	36.7	11,339	1.0	450,937

* 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	90	181	9	375	52	4725	.	941	3120	119	3	5148	2	1	205	169	15140
ALB	129	374	15	1176	846	16367	252	2663	7274	2	1	3080	80	.	146	255	32660
BEM	161	308	62	397	812	9442	46	1683	2430	6	1	774	23	.	772	113	17030
BIL	117	221	7	972	325	5584	1	2293	12799	1	.	1328	22	1	125	172	23968
CAO	156	278	5	1066	1968	14908	564	2445	4601	2	2	1699	87	.	398	554	28733
GPA	52	337	16	514	464	18013	45	3450	9180	3	3	5802	93	2	1293	69	39336
NSA	358	187	2	162	254	6921	446	693	3696	1	6	442	3	26	199	237	13633
NAV	214	596	48	490	6334	75525	.	4582	9683	5	1	6916	529	9	609	788	106329
OKC	247	3652	112	3509	270	60351	417	5733	25117	19	4	4460	15	338	1183	224	105651
PHX	129	681	10	1648	549	20072	109	5066	23431	4	6	2687	200	10	508	605	55715
POR	214	791	116	809	1446	13142	343	3049	5817	22	13	4965	241	.	357	359	31684
TUC	.	39	2	12	22	716	1	421	8325	.	2	1067	1	2	402	30	11042
	1867	7645	404	11130	13342	245766	2224	33019	115473	184	42	38368	1296	389	6197	3575	480921

* 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	174	373
ALASKA	11	55
ALBUQUERQUE	15	24
BEMIDJI	5	15
BILLINGS	13	29
CALIFORNIA	26	48
GREAT PLAINS	17	32
NASHVILLE	17	21
NAVAJO	7	32
OKLAHOMA	19	43
PHOENIX	18	33
PORTLAND	24	33
TUCSON	2	8

* Exporting databases may include data from multiple facilities.

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