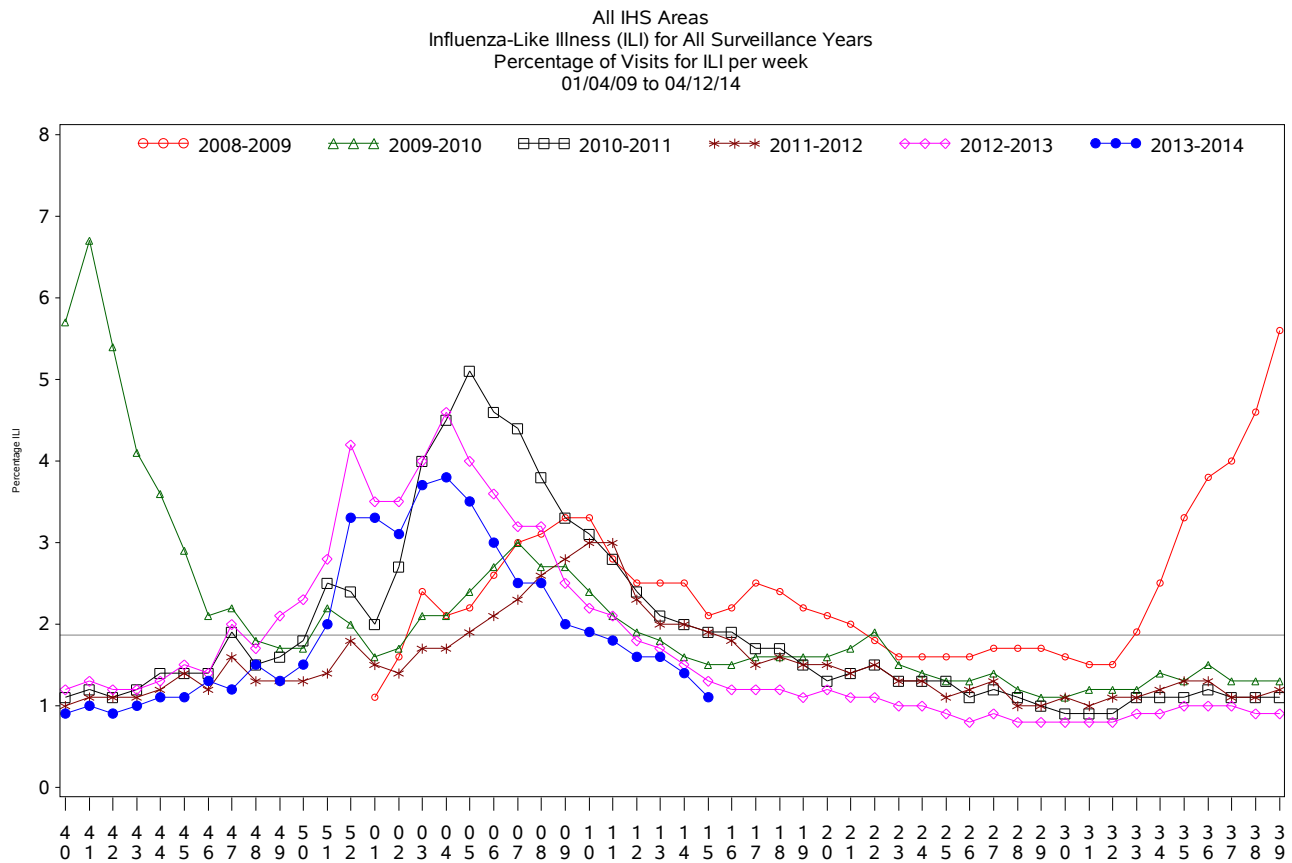




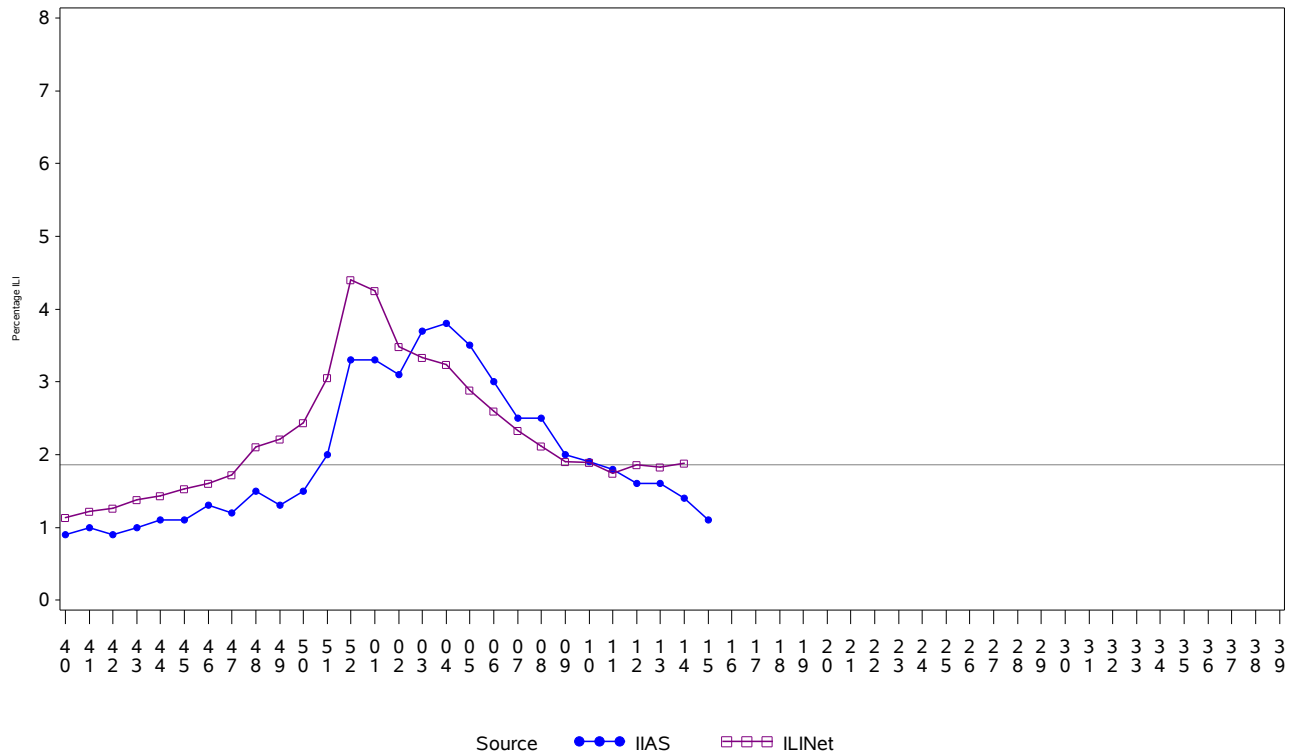
Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
#28 (Week 15: 4/6/2014 – 4/12/2014)

- Overall influenza-like-illness (ILI) activity in IHS and the U.S. decreased and has returned to pre-influenza season levels in most regions.
- IHS administered over 460,000 influenza vaccines this season.
- Overall, 36.8% of the IHS Active Clinical population received influenza vaccine this season.



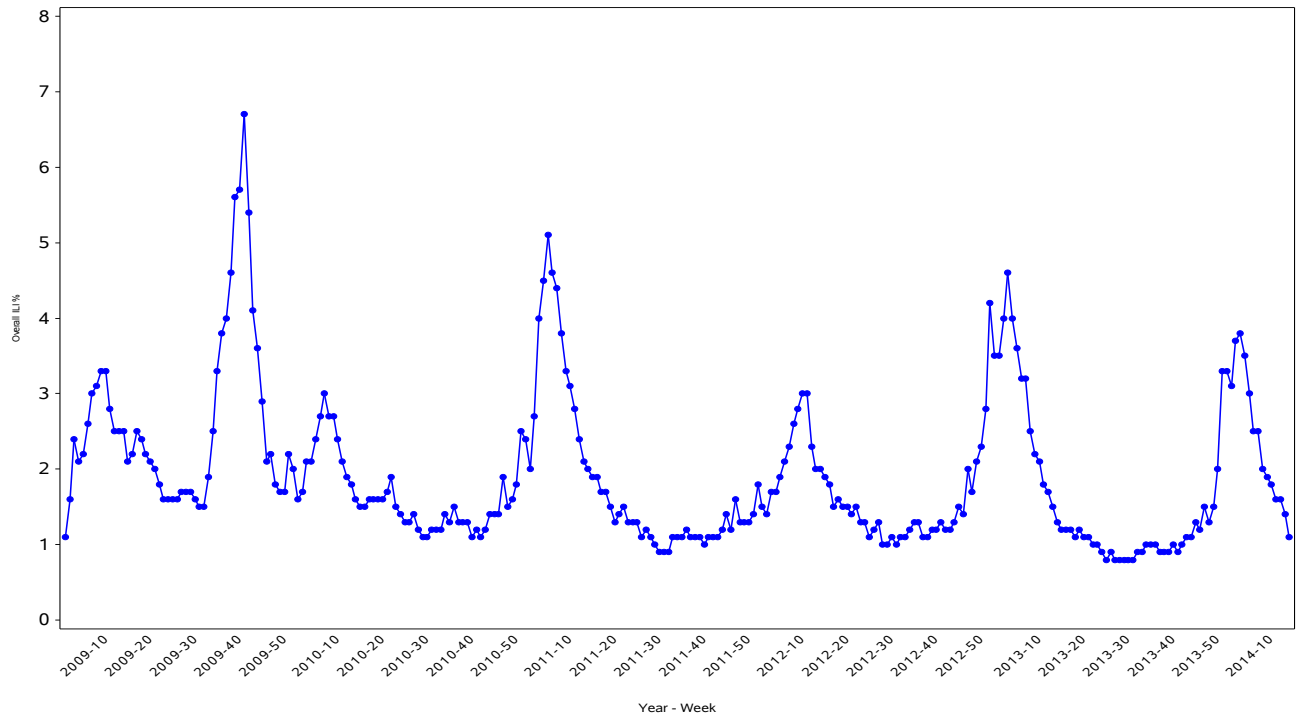
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks for the previous three seasons plus two standard deviations.

Proportion of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for FluYear 2013 - 2014
 ILINet vs. IIAS
 09/29/13 to 04/12/14



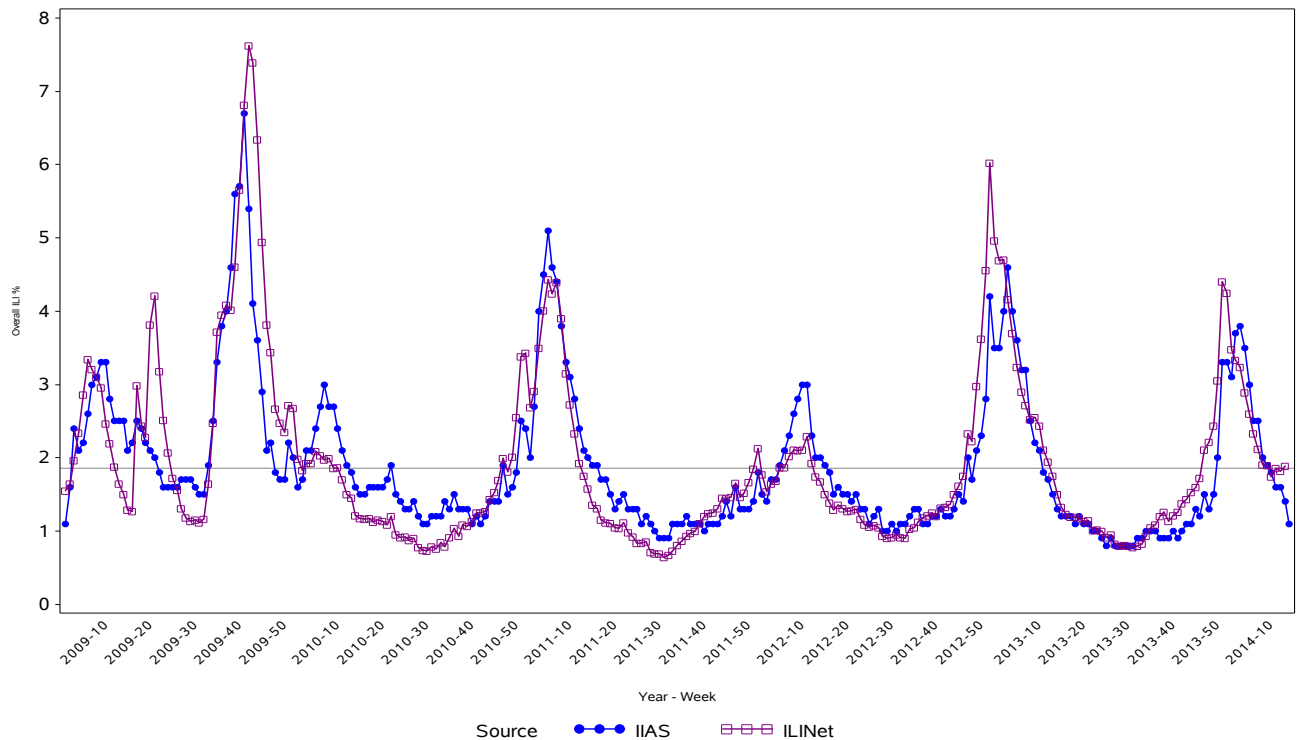
Percentage of ILI visits is number of ILI visits divided by total number of daily visits (outpatient visits).
 The horizontal line represents the 2013-2014 baseline. The baseline is the mean percentage of patient visits for
 ILI during non-influenza weeks for the previous three seasons plus two standard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

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



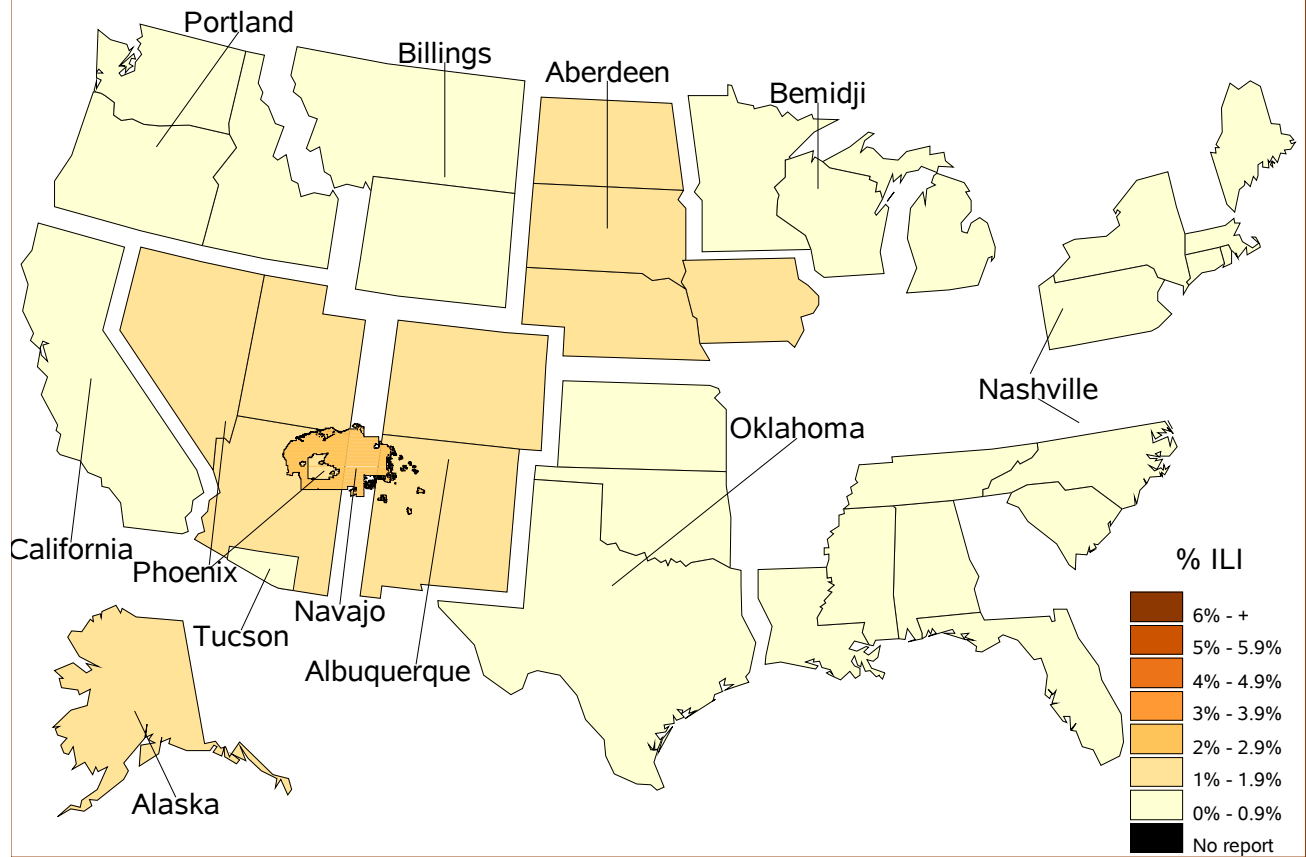
Percentage of ILI visits is number of ILI visits divided by total number of daily visits.

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



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: 15

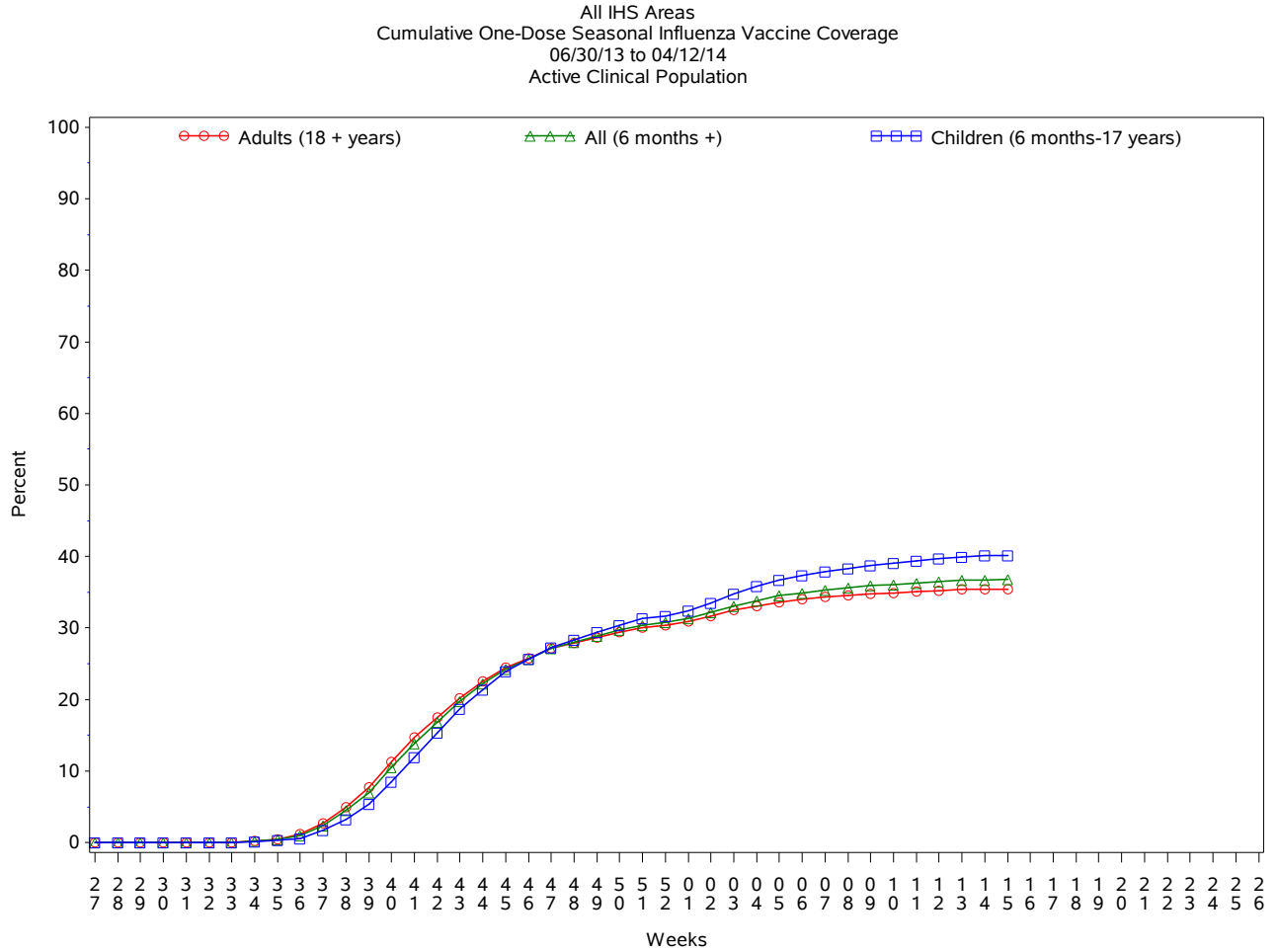


% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 14	% in Week 15
NATIONAL	1.4	1.1
ABERDEEN	1.4	1.4
ALASKA	1.2	1.0
ALBUQUERQUE	1.4	1.2
BEMIDJI	1.6	0.9
BILLINGS	1.4	0.9
CALIFORNIA	0.5	0.5
NASHVILLE	1.5	0.7
NAVAJO	2.9	2.7
OKLAHOMA	0.8	0.4
PHOENIX	1.4	1.2
PORTLAND	0.6	0.8
TUCSON	0.6	0.3

IHS Influenza Vaccination* Surveillance

- As of 4/12/2014, sites reporting to the IIAS have administered 445,070 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	226	4.2	4	0.1	231
6 - 23 months	27,119	18,596	68.6	6,640	24.5	25,310
2 - 4 years	65,711	24,976	38.0	1,215	1.8	26,283
5 - 17 years	241,774	90,657	37.5	1,235	0.5	92,245
18 - 49 years	520,893	150,393	28.9	2,051	0.4	153,068
50 - 64 years	202,525	89,324	44.1	1,224	0.6	90,941
65 + years	111,072	55,935	50.4	942	0.8	57,223
Children (6 months-17 years)	334,604	134,229	40.1	9,090	2.7	143,838
Adults (18 + years)	834,490	295,652	35.4	4,217	0.5	301,232
All (6 months +)	1,169,094	429,881	36.8	13,307	1.1	445,070

* 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	300	47	342	4785	19679	85	2369	1535	28	10	727	1	2422	208	32634
AKA	610	87	66	280	3484	7154	28	833	1981	14	4	292	.	424	280	15537
ALB	52	325	25	666	5656	21685	316	2106	1601	10	8	198	.	681	1250	34579
BEM	100	157	251	97	2825	9428	226	297	45	1	3	100	.	1615	376	15521
BIL	49	212	38	1009	14388	7420	261	2341	1254	9	.	23	2	211	297	27514
CAO	98	250	106	653	2401	12230	54	621	876	145	.	11	.	546	437	18428
NSA	83	87	13	81	3484	4577	461	147	386	2	1	6	.	185	177	9690
NAV	372	461	75	150	9341	90460	1	1711	2339	1	6	1229	39	929	1228	108342
OKC	429	3953	136	2190	13392	69934	146	3905	7804	4	7	577	536	3921	401	107335
PHX	235	435	65	679	18210	22062	48	2452	3958	3	11	818	10	1439	1561	51986
POR	150	535	416	444	4707	23205	125	2074	408	13	553	84	.	735	396	33845
TUC	26	29	108	4	5721	1813	.	422	817	.	3	74	1	301	145	9464
	2300	6831	1346	6595	88394	289647	1751	19278	23004	230	606	4139	589	13409	6756	464875

* 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	156	366
ABERDEEN	16	27
ALASKA	11	91
ALBUQUERQUE	14	23
BEMIDJI	2	11
BILLINGS	13	30
CALIFORNIA	12	19
NASHVILLE	19	22
NAVAJO	7	29
OKLAHOMA	20	46
PHOENIX	14	23
PORTLAND	27	35
TUCSON	1	10

* Exporting databases may include data from multiple facilities.

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