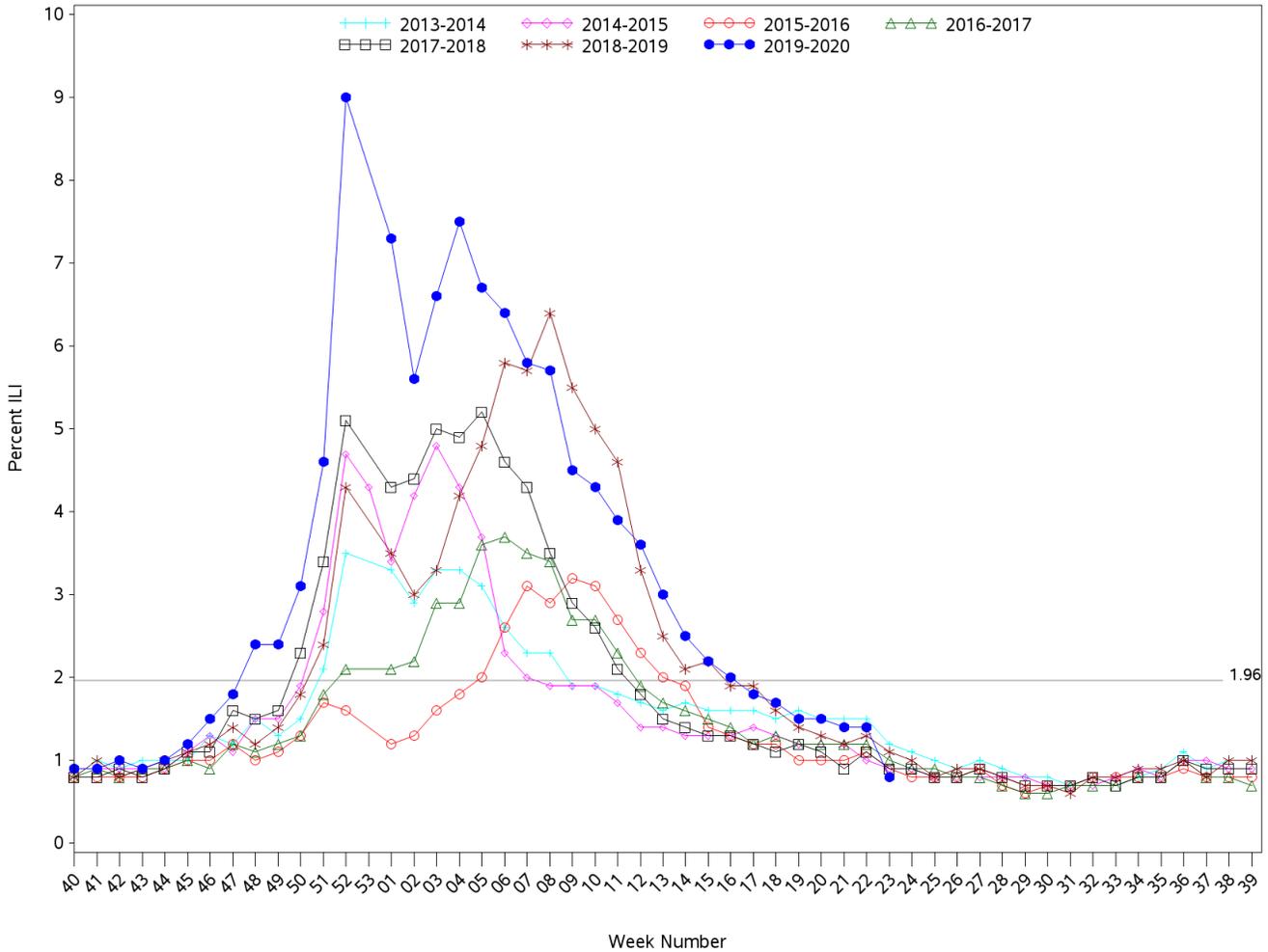




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 23: June 1, 2020 - June 7, 2020)

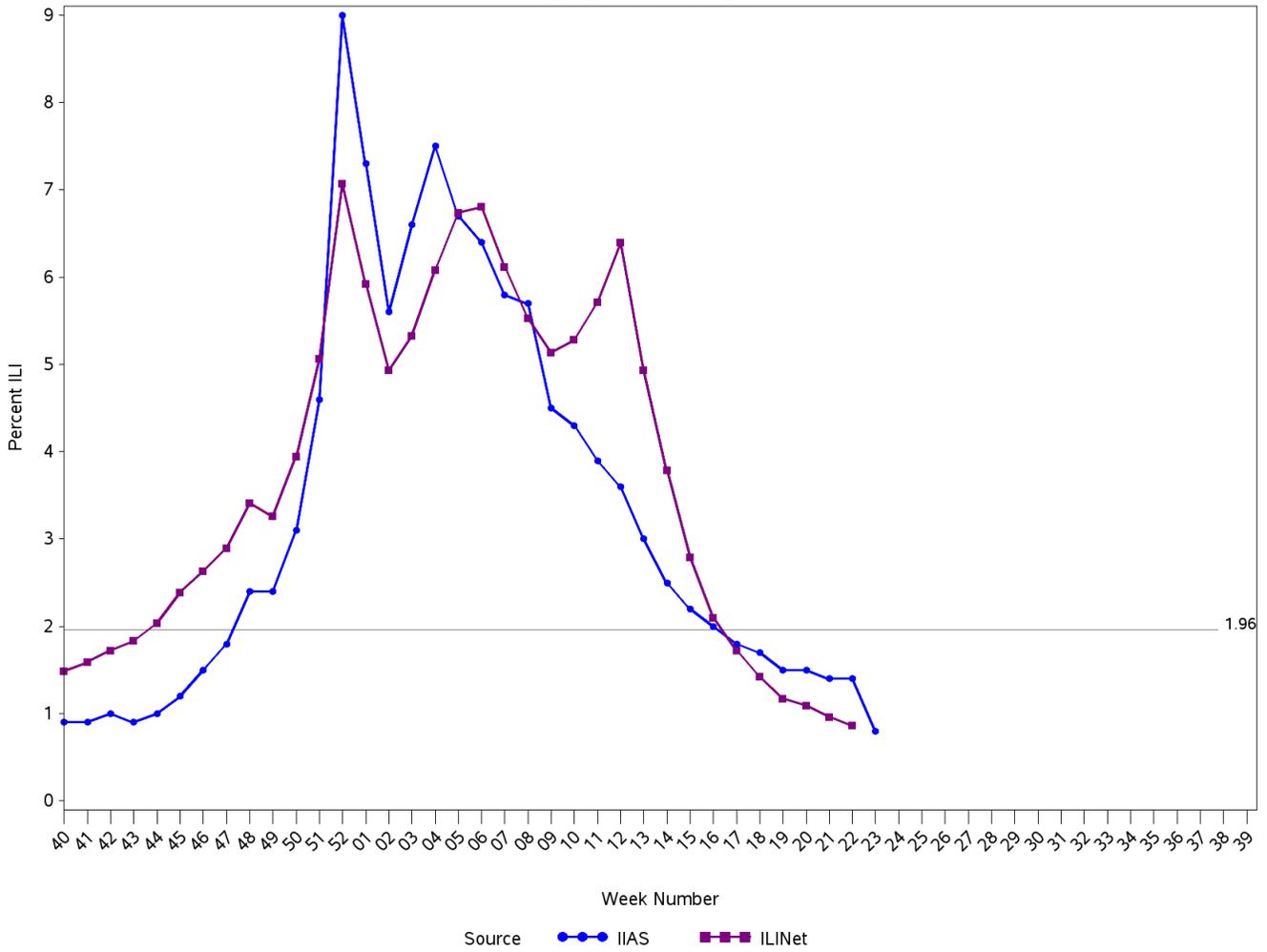
- Influenza-like-illness (ILI) activity in IHS is low at 0.8%, below the IHS baseline of 1.96%
 - All IHS Areas reported having lower ILI activity
- National ILI activity reported by CDC is low
 - CDC's ILINet ILI activity for week 23 was 0.7%, below the ILINet baseline (2.4%) and the IHS baseline.
- To date, IHS has administered 292,300 doses of influenza vaccine.
- Overall, 37.0% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years
Percentage of Visits for ILI per week
09/29/2013 to 06/06/2020



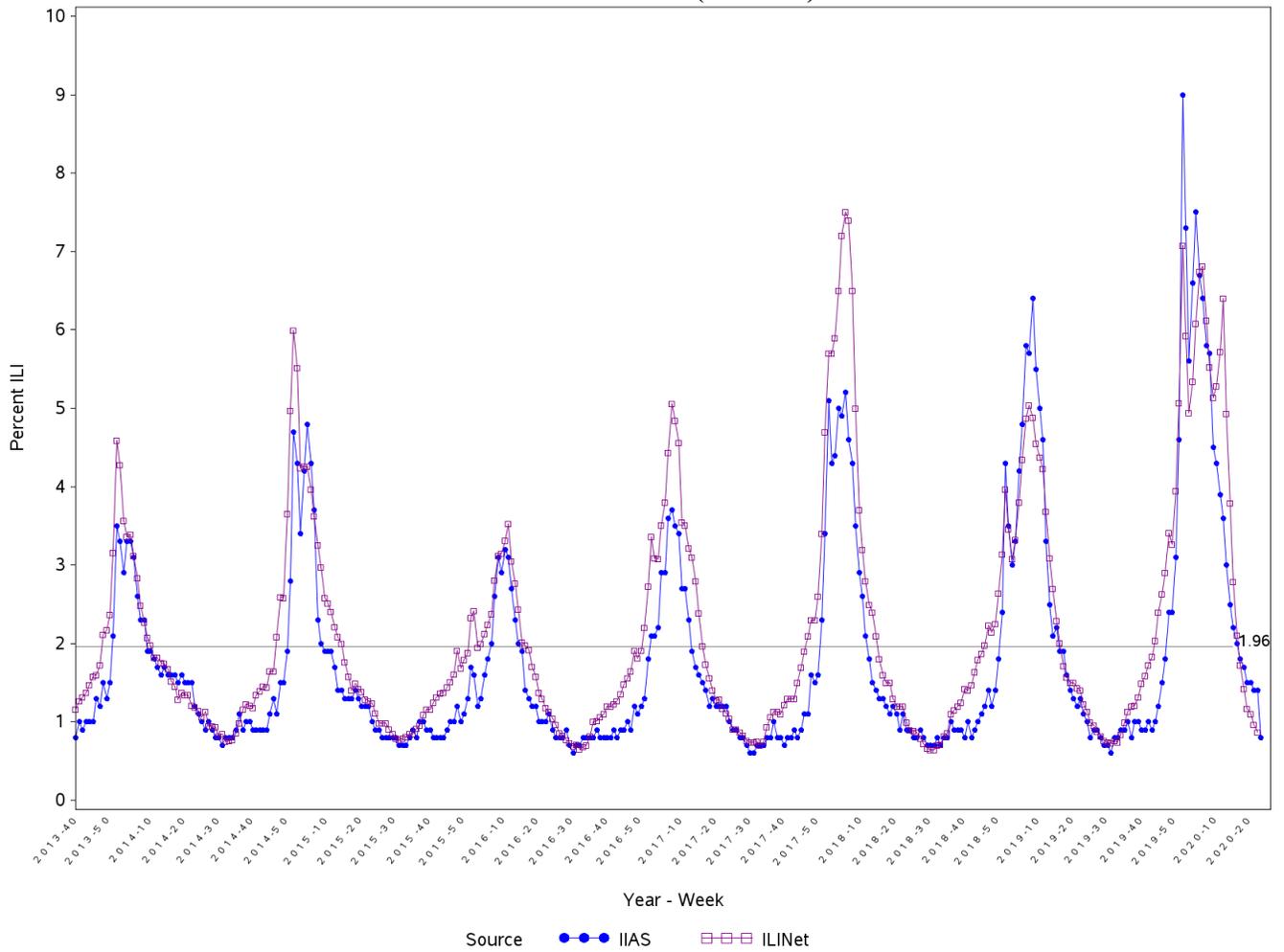
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2019 - 2020
IIAS vs. ILINet
09/29/19 to 06/06/20



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous
Percentage of Visits for ILI per week
IIAS vs. ILINet
09/29/13 to 06/06/20 (Week 23)**



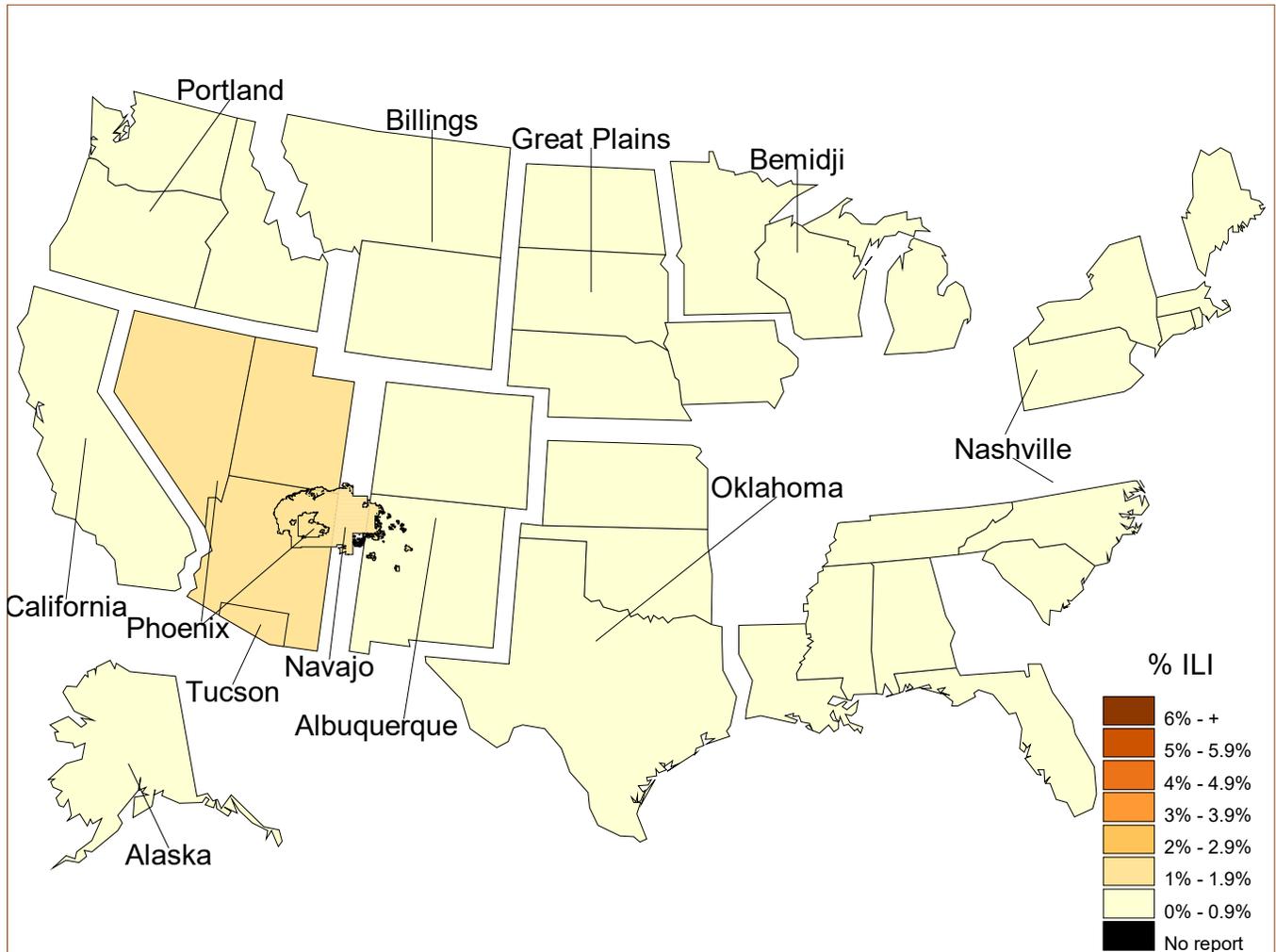
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous three seasons, plus two standard deviations.

Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Influenza-Like Illness Visits by Region
For Week: 23



% Visits for ILI Compared to Previous Week

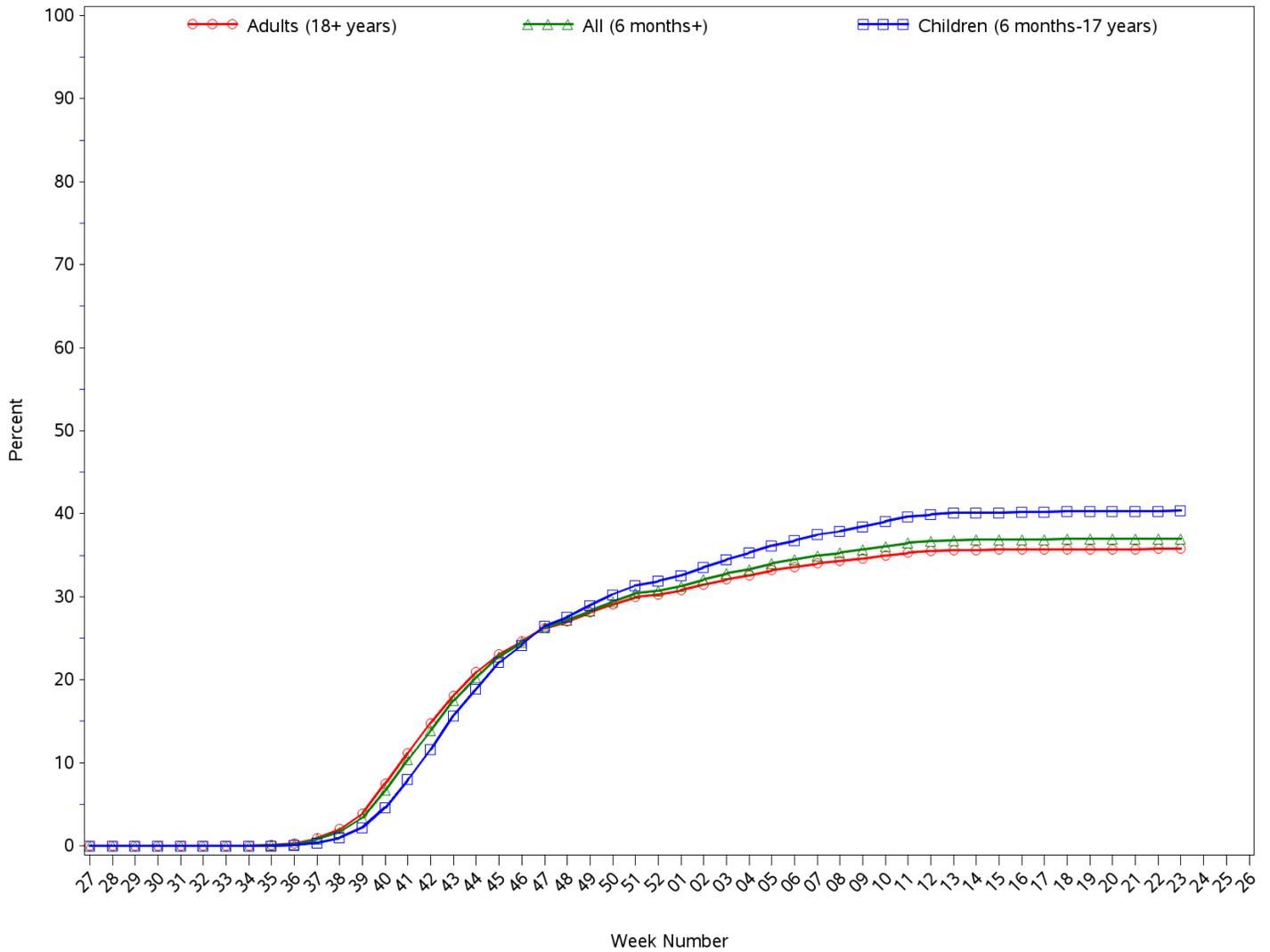
IHS Areas	Previous Week (22)	Current Week (23)
NATIONAL	1.4	0.8
ALASKA	0.0	0.0
ALBUQUERQUE	0.6	0.2
BEMIDJI	1.2	0.9
BILLINGS	0.6	0.5
CALIFORNIA	0.2	0.1
GREAT PLAINS	0.9	0.7
NASHVILLE	1.8	0.8
NAVAJO	3.7	1.3
OKLAHOMA	0.4	0.3
PHOENIX	2.3	1.5
PORTLAND	0.3	0.2
TUCSON	1.6	1.3

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

IHS Influenza Vaccination Surveillance

As of 06/06/2020, sites reporting to the IIAS have administered 292,300 doses (1st and 2nd) of seasonal influenza vaccine to Active Clinical patients.

All IHS Areas Cumulative One-Dose Seasonal Influenza Vaccine Coverage Active Clinical Population 06/30/2019 to 06/06/2020



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	2,859	111	3.9	0	0.0	111
6 - 23 months	15,286	10,826	70.8	3,680	24.1	14,533
2 - 4 years	38,373	14,240	37.1	506	1.3	14,796
5 - 17 years	158,768	60,684	38.2	354	0.2	61,239
18 - 49 years	324,107	93,854	29.0	404	0.1	94,580
50 - 64 years	140,856	60,118	42.7	316	0.2	60,707
65 + years	93,737	45,800	48.9	309	0.3	46,445
Children (6 months-17 years)	212,427	85,750	40.4	4,540	2.1	90,568
Adults (18+ years)	558,700	199,772	35.8	1,029	0.2	201,732
All (6 months +)	771,127	285,522	37.0	5,569	0.7	292,300

* Limited to sites that exported both doses administered along with accompanying 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 Vaccine Doses Administered by Influenza Vaccine Type*

Area	INACTIVE CVX CODES*	CVX 88 FLU- NOS**	CVX 135 FLU- HIGH	CVX 149 FLU- LAIV4	CVX 150 FLU- IV4pf	CVX 158 FLU- IV4	CVX 161 IV4pf ped	CVX 168 FLU- IV3ad	CVX 171 FLU- ccl4pf	CVX 185 FLU- RIV4	CVX 186 FLU- ccl4	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	19	26	65	27	1,626	760	0	0	0	3	0	0	0	15	2,541
ALB	598	205	321	183	8,553	8,946	57	2,169	197	40	150	0	0	61	21,480
BEM	433	82	192	9	5,095	766	28	553	1	82	3	0	0	25	7,269
BIL	330	116	1,401	140	12,845	3,291	105	10	186	24	6	0	0	75	18,529
CAO	688	845	1,856	0	5,525	2,309	206	78	420	54	5	0	0	47	12,033
GPA	454	735	809	373	21,273	8,045	326	803	154	23	29	0	0	63	33,087
NSA	255	136	153	25	6,144	5,722	42	640	246	186	6	0	0	226	13,781
NAV	870	468	2,837	1	43,304	19,692	1,252	17	14	60	10	0	0	161	68,686
OKC	1,524	2,225	1,270	23	34,509	7,204	745	2,801	107	62	18	0	0	102	50,590
PHX	322	996	251	48	22,990	12,711	253	2,667	15	54	1	0	0	142	40,450
POR	221	274	393	101	10,294	3,799	29	594	199	110	214	0	0	48	16,276
TUC	15	54	52	1	8,214	74	27	0	2	14	0	0	0	13	8,466
	5,729	6,162	9,600	931	180,372	73,319	3,070	10,332	1,541	712	442	0	0	978	293,188

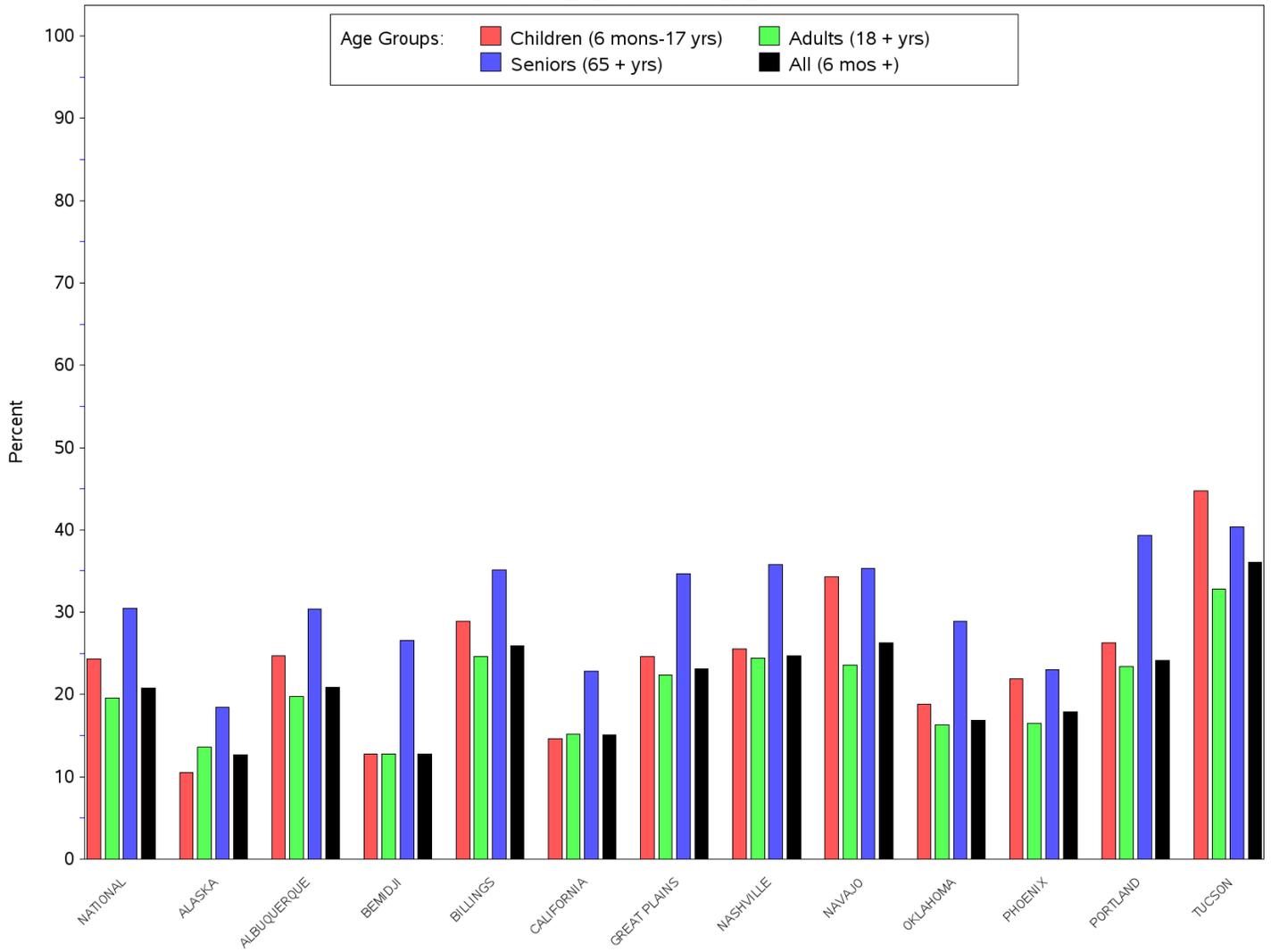
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIV3), 155 (FLU-RIV3), 160 (H5N1, adj) and 166 (FLU-DERM4) should not be used to document flu vaccines given this flu season.

** 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.

All IHS Areas
Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)
% Seasonal Flu (At least 1 dose) for Active Clinical Population
06/30/2019 to 06/06/2020



All IHS Areas
Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)
% Seasonal Flu (At least 1 dose) for Active Clinical Population
06/30/2019 to 06/06/2020

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	24.3	19.6	30.5	20.8
ALASKA	10.5	13.6	18.5	12.7
ALBUQUERQUE	24.7	19.8	30.4	20.9
BEMIDJI	12.8	12.8	26.6	12.8
BILLINGS	28.9	24.6	35.1	25.9
CALIFORNIA	14.6	15.2	22.8	15.1
GREAT PLAINS	24.6	22.4	34.7	23.1
NASHVILLE	25.5	24.4	35.8	24.7
NAVAJO	34.3	23.6	35.3	26.3
OKLAHOMA	18.8	16.3	28.9	16.9
PHOENIX	21.9	16.5	23.0	17.9
PORTLAND	26.3	23.4	39.3	24.1
TUCSON	44.7	32.8	40.4	36.1

Number of RPMS Databases Reporting for Week 23, 2020

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	124	204
ALASKA	1	1
ALBUQUERQUE	14	20
BEMIDJI	3	5
BILLINGS	10	22
CALIFORNIA	12	17
GREAT PLAINS	15	30
NASHVILLE	20	23
NAVAJO	6	16
OKLAHOMA	17	24
PHOENIX	13	25
PORTLAND	12	18
TUCSON	1	3

* Exporting databases may include data from multiple facilities.

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