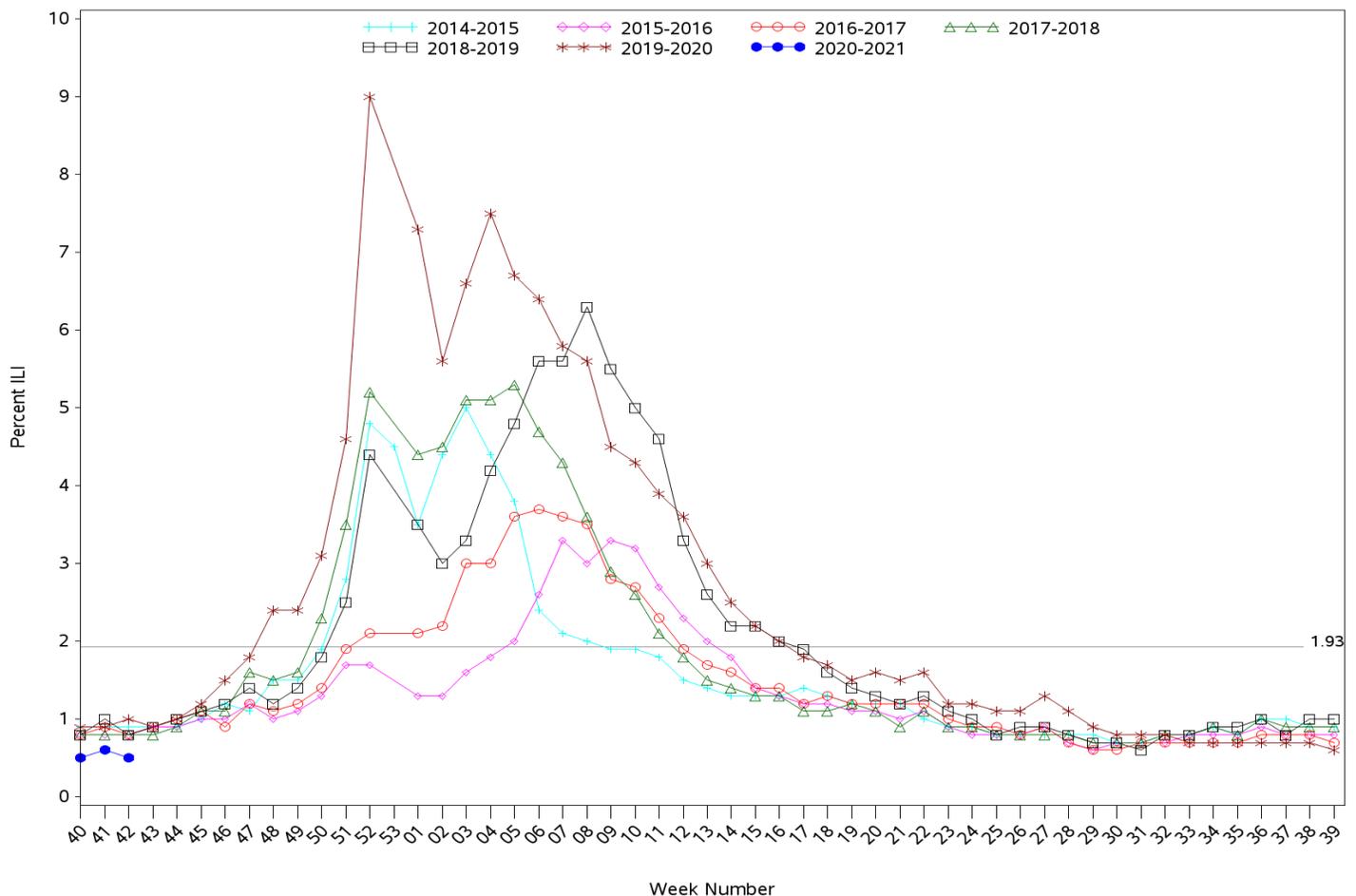




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 42: 10/11/2020 - 10/17/2020)

- Influenza-like-illness (ILI) activity in IHS is low at 0.5%, below the IHS baseline of 1.96%
 - Nashville Area reported a slight increase in ILI activity and the other IHS Areas reported having lower ILI activity.
- National ILI activity reported by CDC is low
 - CDC's ILINet ILI activity for week 42 was 1.67%, below the ILINet baseline (2.4%) and the IHS baseline.
- To date, IHS has administered 107,902 doses of influenza vaccine.
- Overall, 15.2% 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



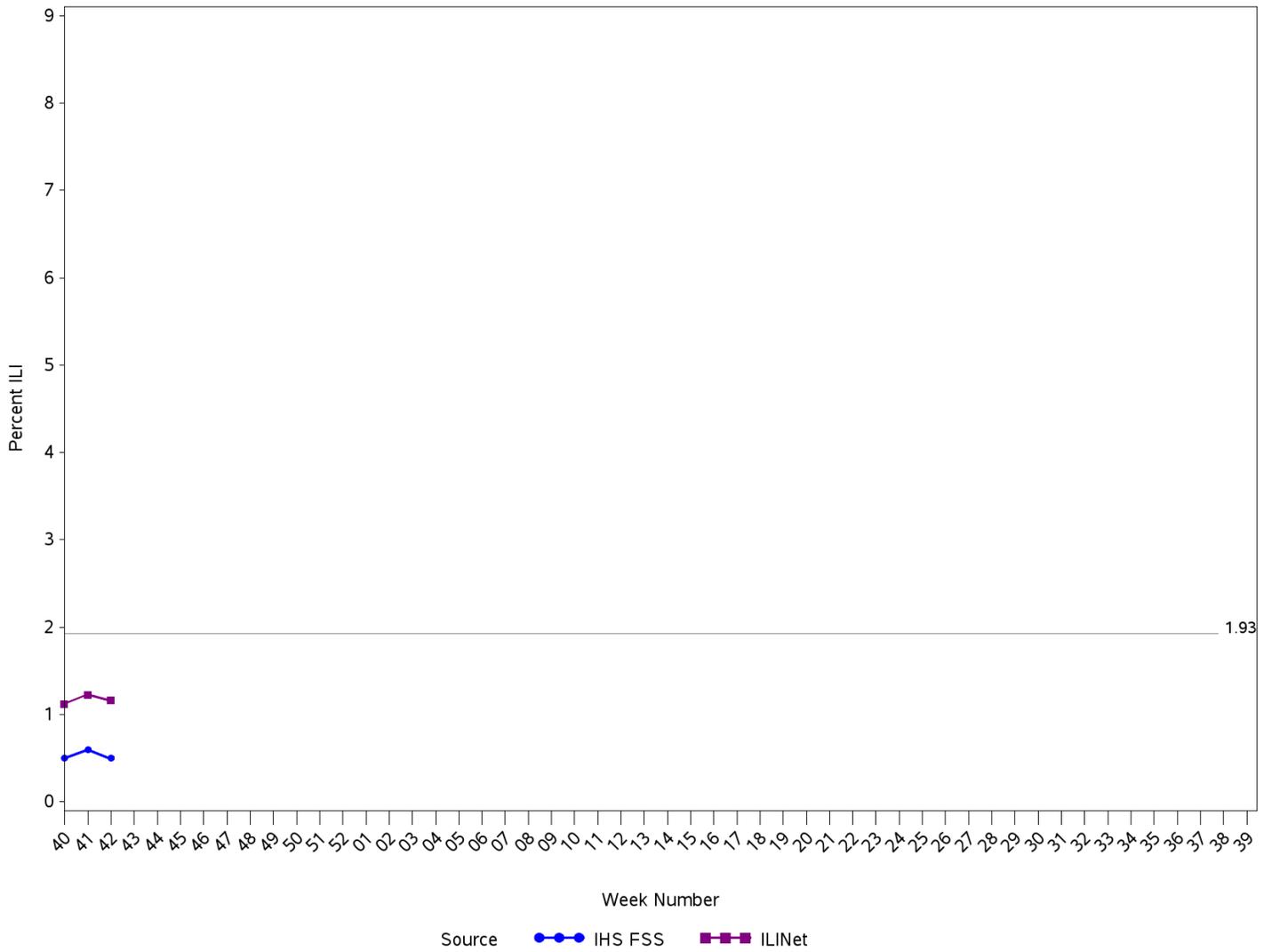
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2020-2021 IIAS baseline. The ILINet baseline value for 2020-2021 is 2.6.

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

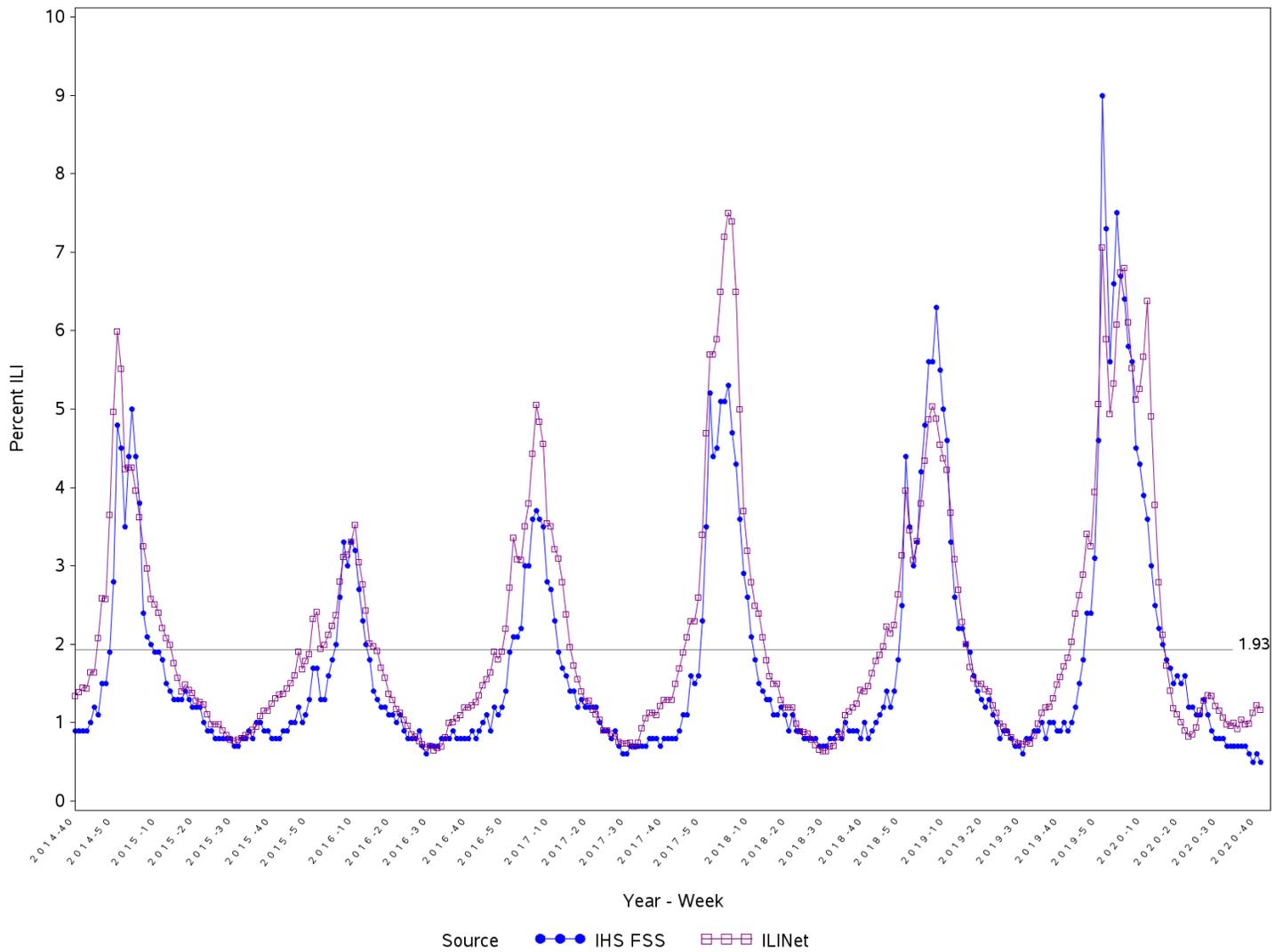
Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IIAS - IHS Influenza Awareness System

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
Percent ILI for Flu Year 2020 - 2021
IHS vs. ILINet
09/27/20 to 10/17/20



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2020-2021 IHS Flu Surveillance System baseline. The ILINet baseline value for 2020-2021 is 2.6.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.
 Sources: ILINet - CDC Sentinel Surveillance System for Influenza-Like Illness, IHS FSS - IHS Influenza-like Illness Surveillance System

**Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Years – Continuous
Percentage of Visits for ILI per week
IIAS vs. ILINet
09/29/14 to 10/17/20 (Week 42)**



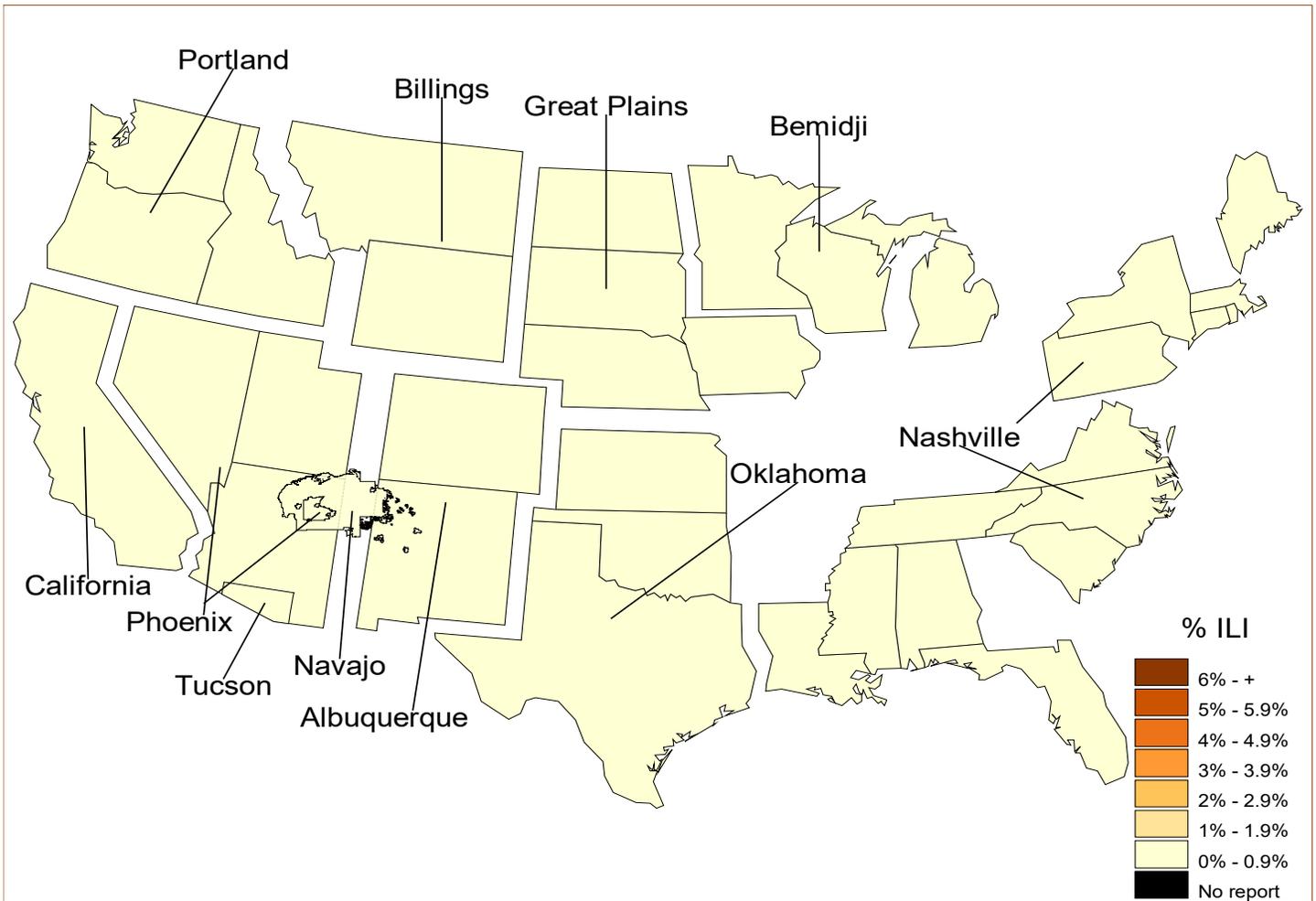
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2020-2021 IHS Flu Surveillance System baseline. The ILINet baseline value for 2020-2021 is 2.6.

Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks (as defined by CDC) for the previous four seasons, plus two standard deviations.

Sources: ILINet - CDC Sentinal Surveillance System for Influenza-Like Illness, IHS FSS - IHS Influenza-like Illness Surveillance System

**Percentage of Influenza-Like Illness Visits by Region
For Week: 42**



% Visits for ILI Compared to Previous Week

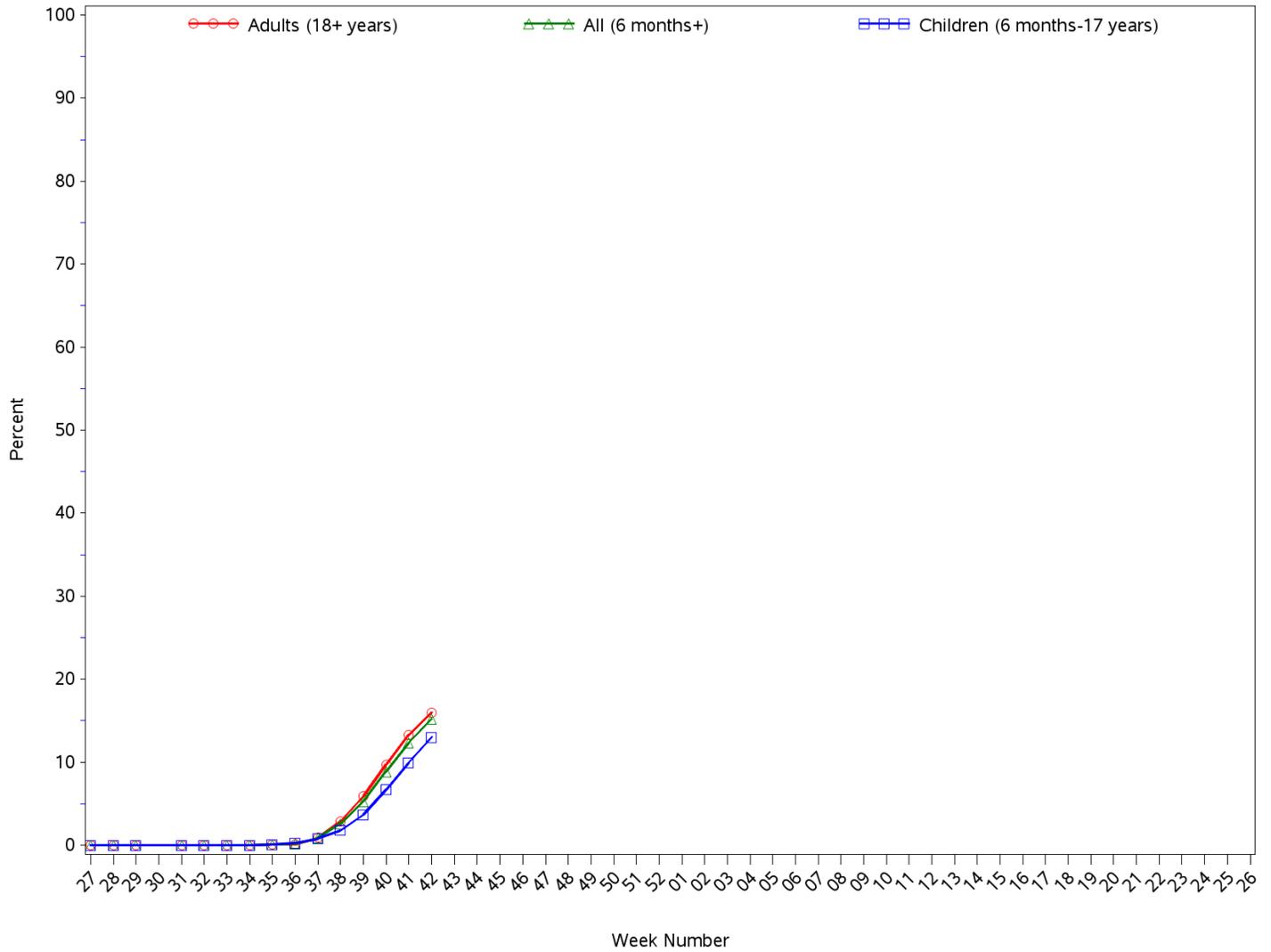
IHS Areas	Previous Week (41)	Current Week (42)
NATIONAL	0.6	0.5
ALASKA	0.0	0.0
ALBUQUERQUE	0.9	0.7
BEMIDJI	0.3	0.7
BILLINGS	0.9	0.4
CALIFORNIA	0.0	0.0
GREAT PLAINS	0.7	0.7
NASHVILLE	0.8	0.9
NAVAJO	0.5	0.4
OKLAHOMA	0.5	0.3
PHOENIX	0.7	0.4
PORTLAND	0.2	0.0
TUCSON	0.0	0.0

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

IHS Influenza Vaccination Surveillance

As of 10/17/2020, sites reporting to the IIAS have administered 107,902 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 06/28/20 to 10/17/2020



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	2,701	11	0.4	0	0.0	11
6 - 23 months	13,589	1,962	14.4	35	0.3	1,997
2 - 4 years	35,022	3,703	10.6	7	0.0	3,710
5 - 17 years	146,378	19,621	13.4	25	0.0	19,651
18 - 49 years	295,612	37,157	12.6	62	0.0	37,223
50 - 64 years	129,431	28,250	21.8	61	0.0	28,327
65 + years	89,229	16,937	19.0	44	0.0	16,994
Children (6 months-17 years)	194,989	25,286	13.0	67	0.0	25,358
Adults (18+ years)	514,272	82,344	16.0	167	0.0	82,544
All (6 months+)	709,261	107,630	15.2	234	0.0	107,902

* 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

Influenza Vaccine Doses Administered by Influenza Vaccine Type*

Area	INACTIVE CVX CODES*	CVX 88 FLU-NOS**	CVX 149 FLU-LAIV4	CVX 150 FLU-IIV4pf	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 168 FLU-IIV3ad	CVX 171 FLU-ccl4pf	CVX 185 FLU-RIV4	CVX 186 FLU-ccl4	CVX 197 FLU-HIGH	CVX 205 FLU-IIV4ad	Proc 99.52 Vac Inf	ICD-9 V04.81 Vac Inf	CPT Billing Codes+	Cumulative # of Doses Seasonal Flu
AKA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALB	298	43	40	5,954	3,635	47	0	28	49	10	0	0	0	0	249	10,353
BEM	322	24	80	3,065	439	2	2	33	6	0	0	0	0	0	91	4,064
BIL	528	79	49	3,867	667	0	0	1	112	1	0	0	0	0	12	5,316
CAO	920	363	1	2,112	295	25	0	5	6	115	0	0	0	0	26	3,868
GPA	1,936	47	95	6,170	1,285	10	0	20	14	187	0	0	0	0	12	9,776
NSA	209	29	34	3,233	1,894	0	0	135	65	4	0	0	0	0	94	5,697
NAV	257	105	0	27,704	7,485	38	0	2	17	9	0	0	0	0	85	35,702
OKC	840	287	146	9,755	1,296	41	7	9	37	1	0	0	0	0	63	12,482
PHX	1,038	439	6	6,950	5,325	27	0	2	155	78	0	0	0	0	53	14,073
POR	106	73	136	3,849	296	0	1	0	2	52	0	0	0	0	18	4,533
TUC	14	6	0	2,462	7	0	0	0	3	0	0	0	0	0	13	2,505
	6,468	1,495	587	75,121	22,624	190	10	235	466	457	0	0	0	0	716	108,369

* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 135 (FLU-HIGH), 140 (FLU-IIV3pf), 141 (FLU-IIV3), 144

(FLU-DERMAL), 151 (FLU-NasNOS),

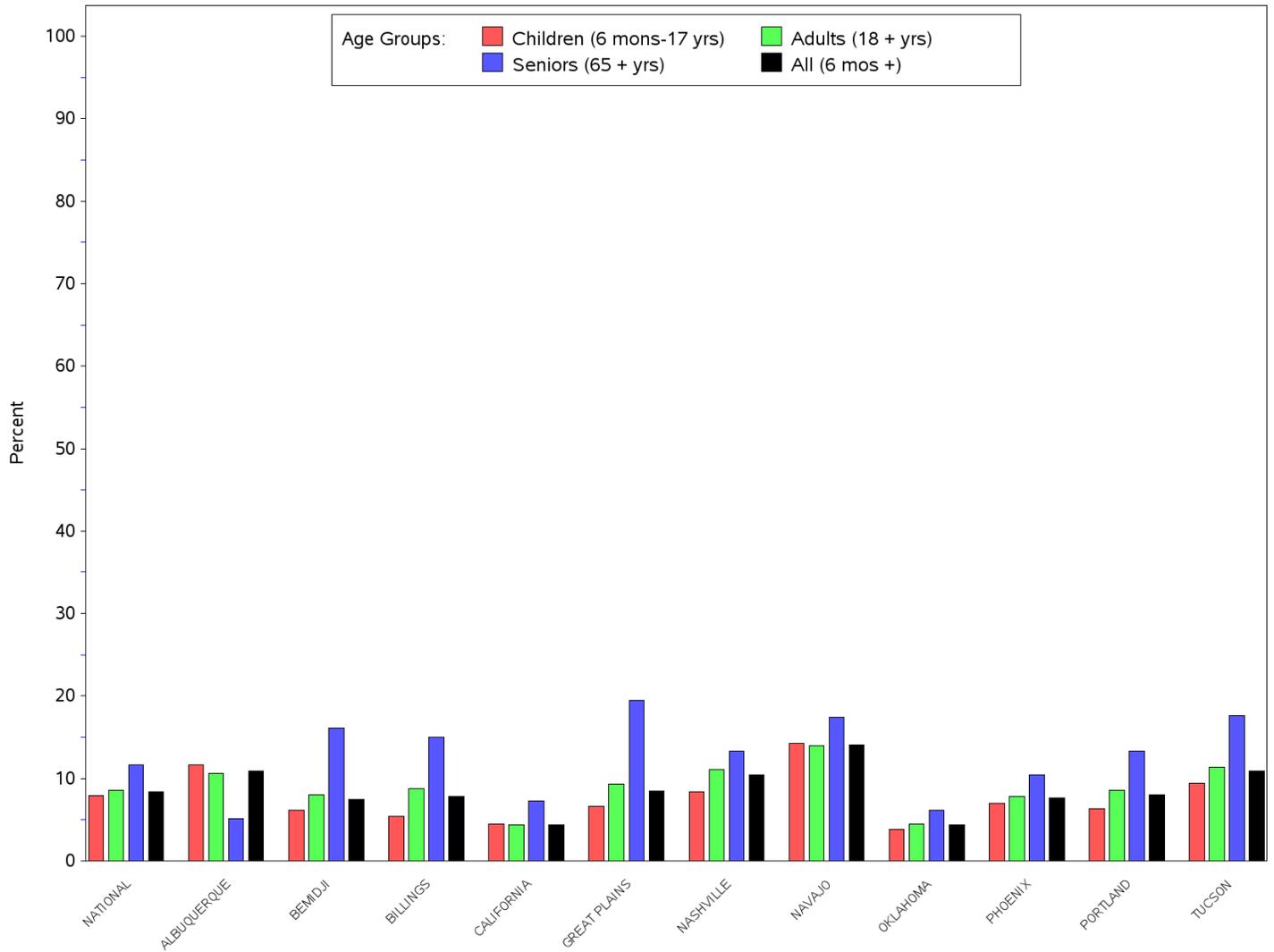
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj) and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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: 90654-90658,90662, 90672, 90673, 90685, 90686, G0008, and 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
06/28/2020 to 10/17/2020



All IHS Areas
Influenza Vaccine Coverage by Age Groups (Children, Adults, Seniors and All)
% Seasonal Flu (At least 1 dose) for Active Clinical Population
06/28/2020 to 10/17/2020

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	7.9	8.6	11.7	8.4
ALASKA	0.0	0.0	0.0	0.0
ALBUQUERQUE	11.7	10.6	5.1	10.9
BEMIDJI	6.2	8.0	16.1	7.5
BILLINGS	5.4	8.8	15.0	7.8
CALIFORNIA	4.5	4.4	7.3	4.4
GREAT PLAINS	6.6	9.3	19.5	8.5
NASHVILLE	8.4	11.1	13.3	10.4
NAVAJO	14.3	14.0	17.4	14.1
OKLAHOMA	3.8	4.5	6.2	4.4
PHOENIX	7.0	7.8	10.4	7.6
PORTLAND	6.3	8.6	13.3	8.0
TUCSON	9.4	11.4	17.6	10.9

Number of RPMS Databases Reporting for Week 42, 2020

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	125	210
ALASKA	.	.
ALBUQUERQUE	12	18
BEMIDJI	8	14
BILLINGS	10	19
CALIFORNIA	14	23
GREAT PLAINS	14	22
NASHVILLE	20	24
NAVAJO	6	26
OKLAHOMA	16	21
PHOENIX	13	25
PORTLAND	12	18
TUCSON	.	.

* Exporting databases may include data from multiple facilities.

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