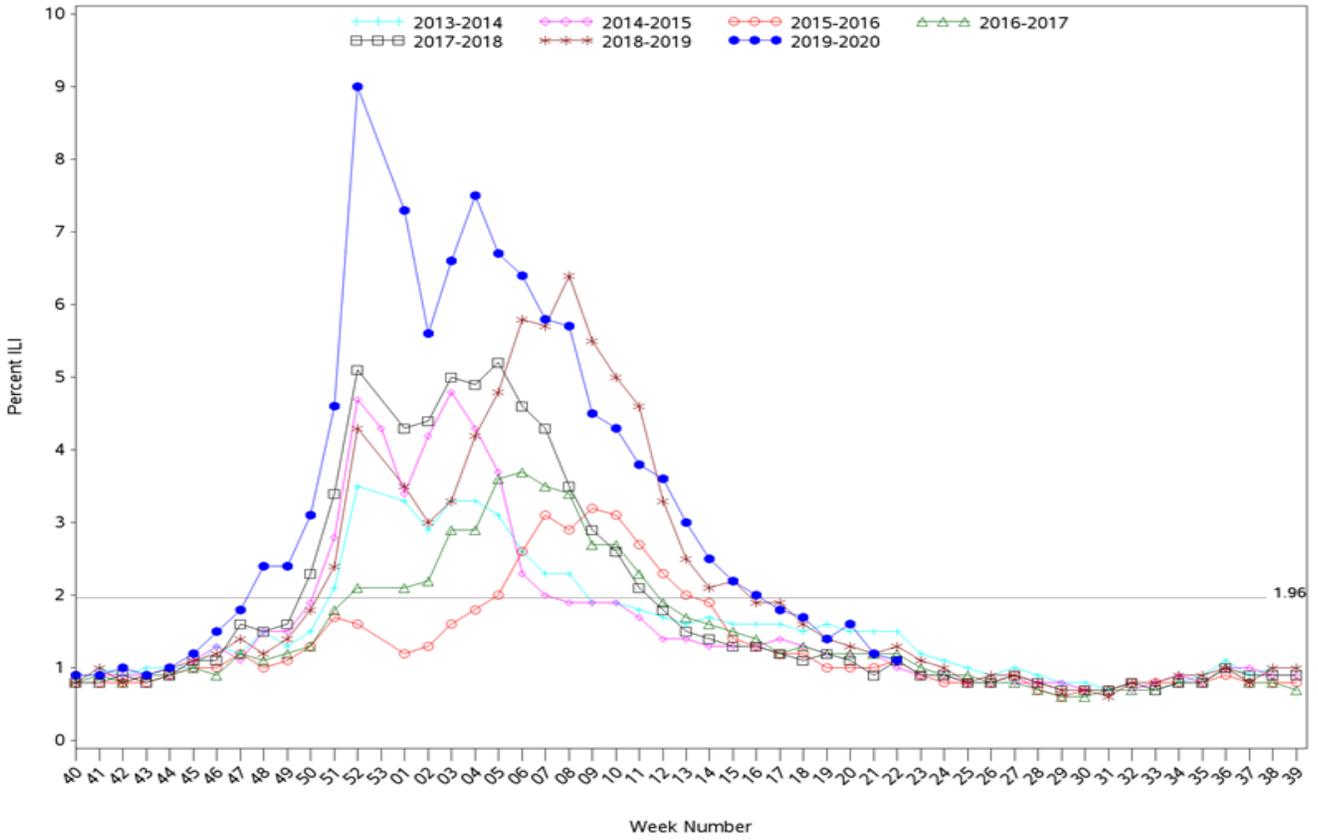




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 22: 05/25/2020 – 05/31/2020)

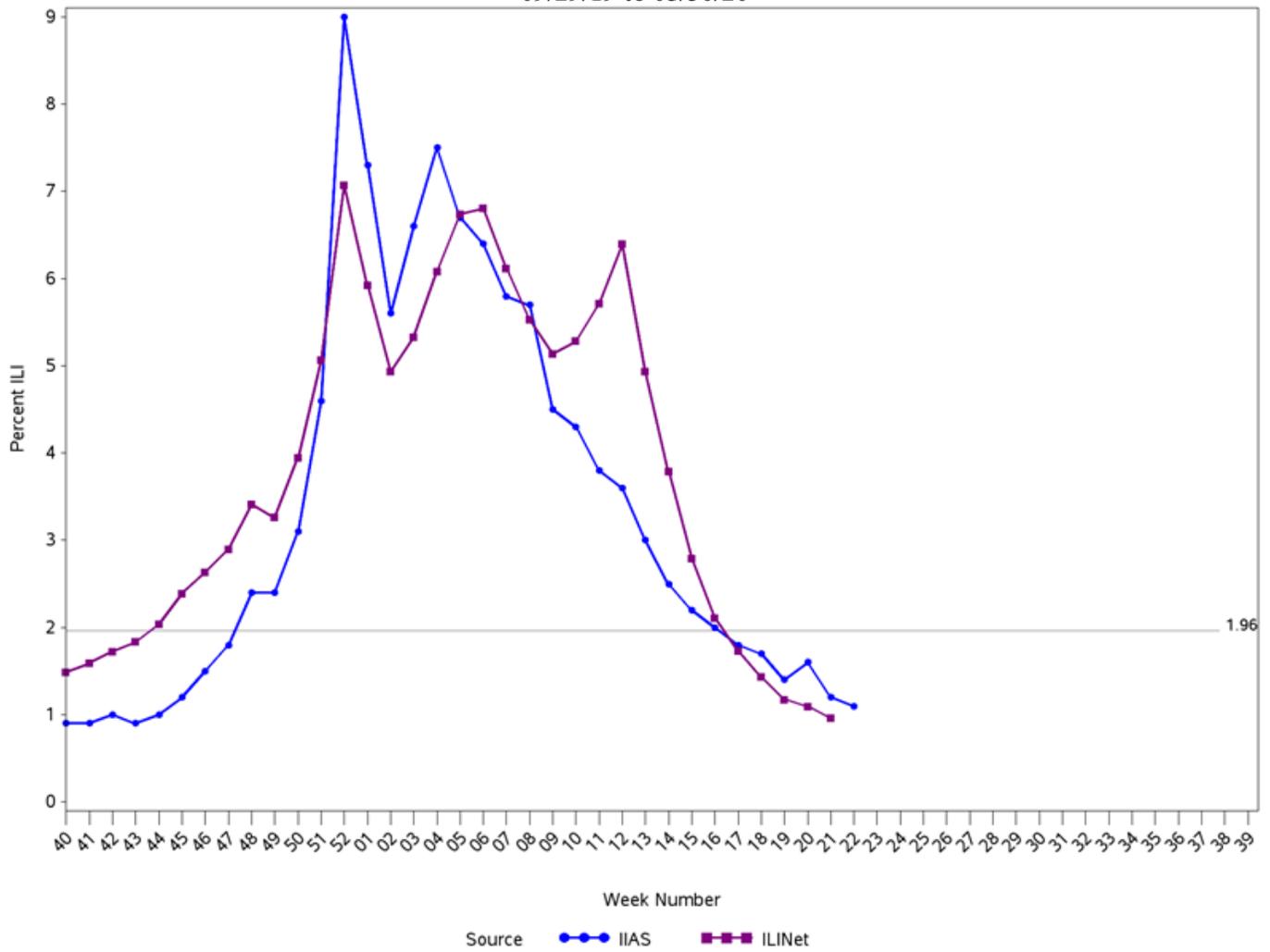
- Influenza-like-illness (ILI) activity in IHS is low at 1.1%, below the IHS baseline of 1.96%
 - Five IHS Areas (Bemidji, Billings, California, Portland and Tucson) reported slight increases in ILI activity and the other IHS Areas reported having lower ILI activity
- National ILI activity reported by CDC is low
 - CDC’s ILINet ILI activity for week 22 was 0.9%, below the ILINet baseline (2.4%) and the IHS baseline.
- To date, IHS has administered 292,171 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 05/30/2020



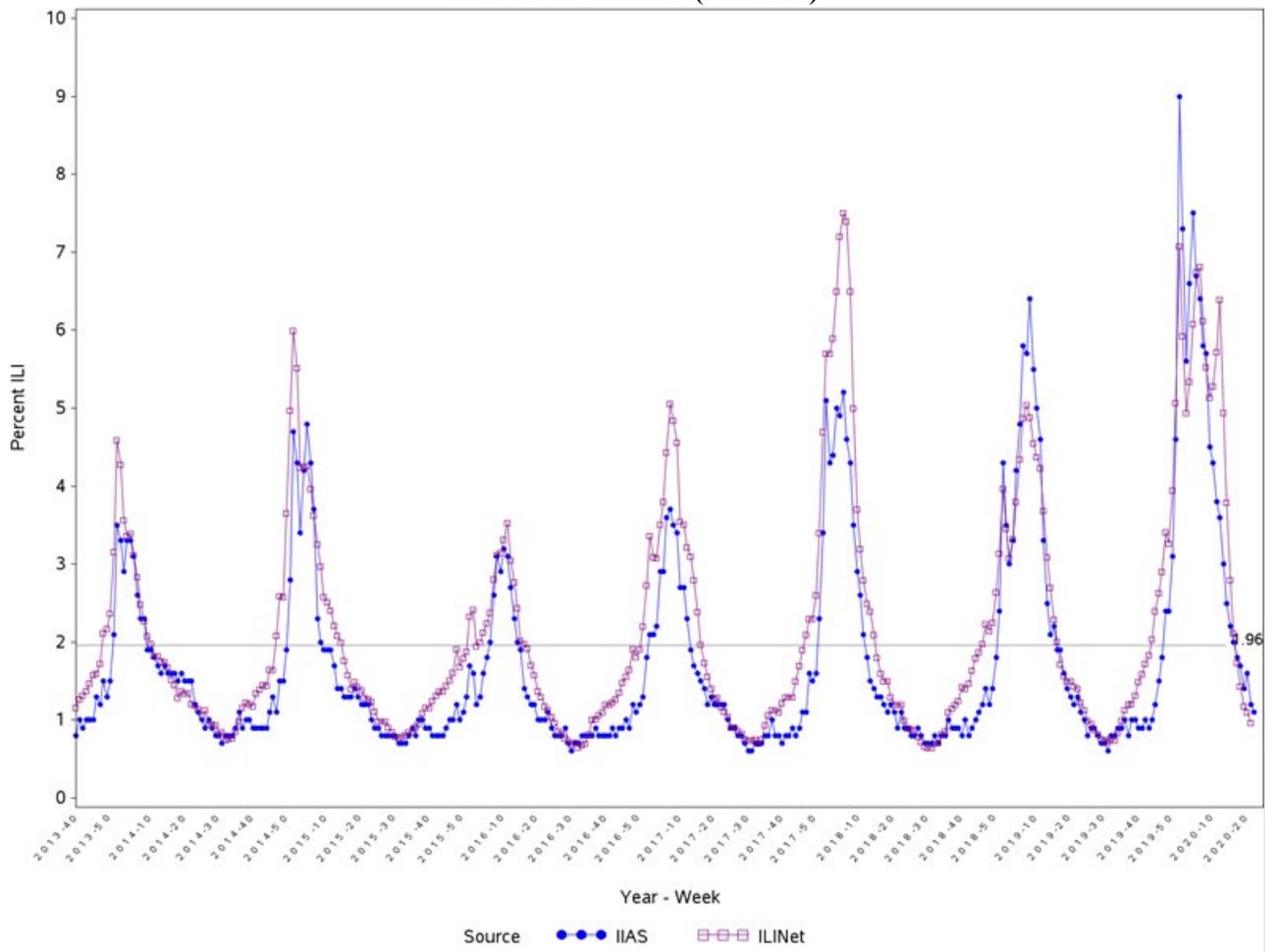
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line is the 2019-2020 IIAS baseline. The ILINet baseline value for 2019-2020 is 2.4.
 Baselines are computed as the mean percentage of ILI patient visits during non-influenza weeks for the previous 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 05/30/20



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 05/30/20 (Week 22)**



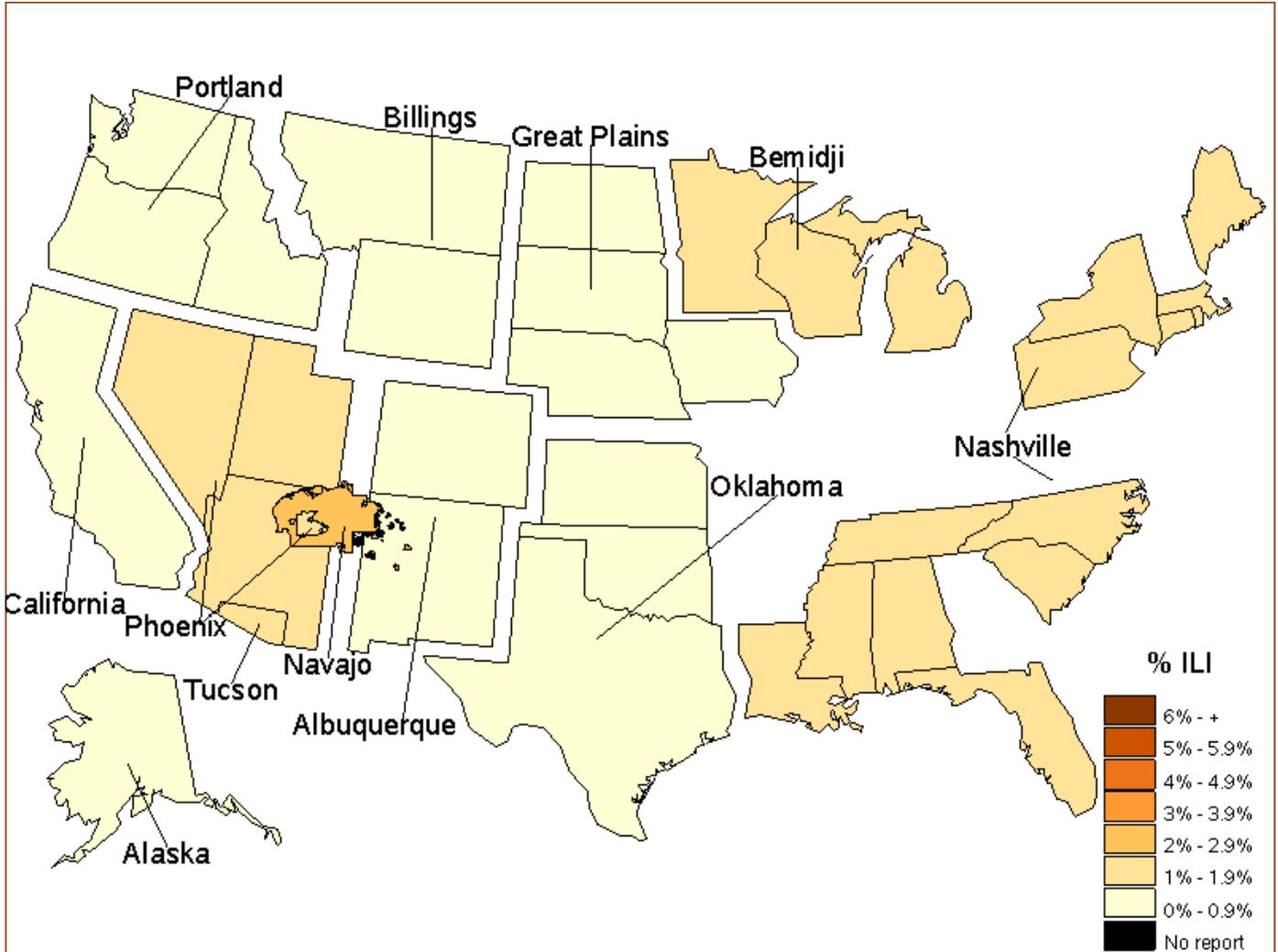
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

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: 22



% Visits for ILI Compared to Previous Week

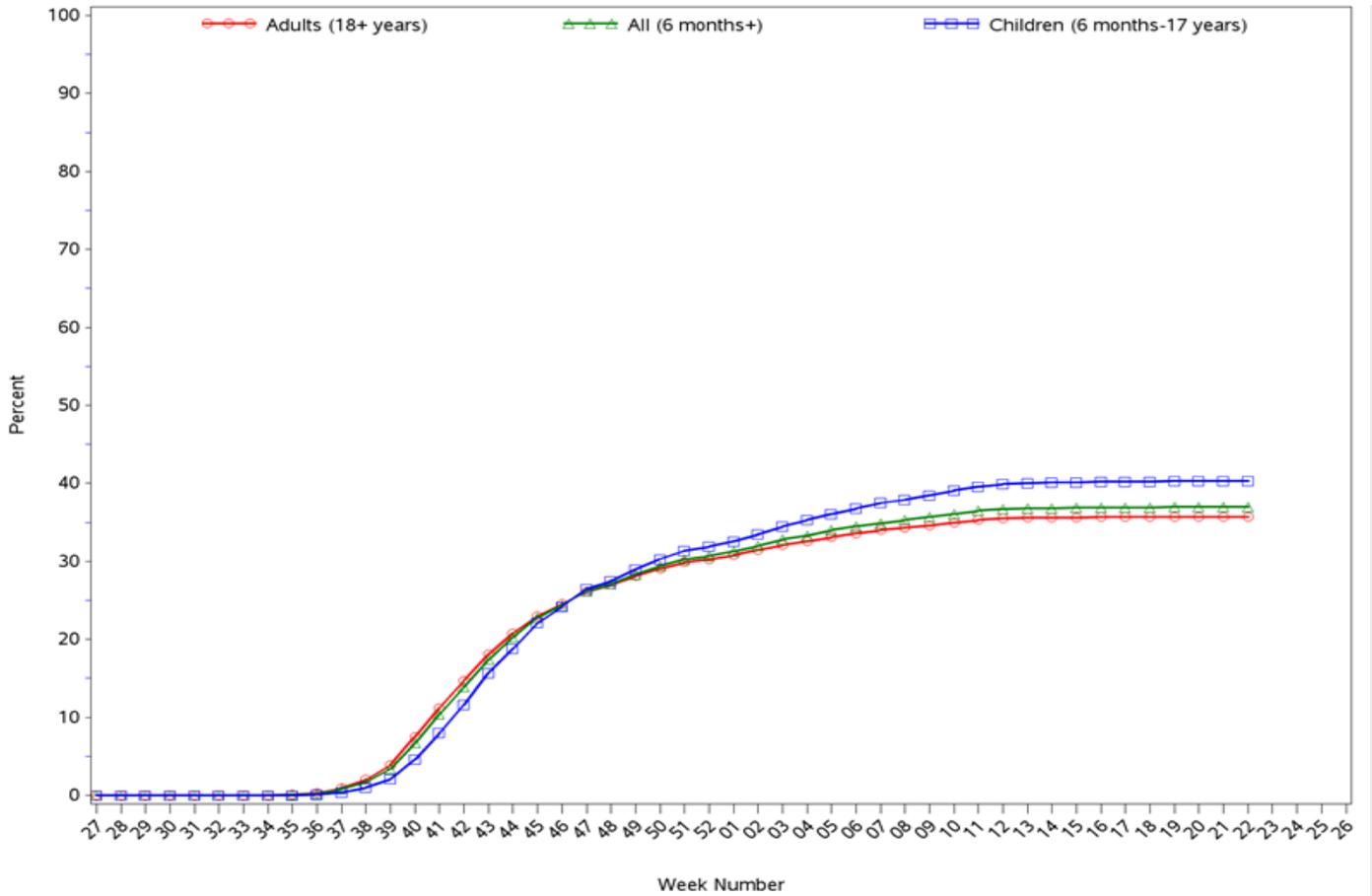
IHS Areas	Previous Week (21)	Current Week (22)
NATIONAL	1.2	1.1
ALASKA	0.0	0.0
ALBUQUERQUE	0.5	0.4
BEMIDJI	0.8	1.1
BILLINGS	0.4	0.6
CALIFORNIA	0.1	0.2
GREAT PLAINS	0.8	0.8
NASHVILLE	1.6	1.5
NAVAJO	3.1	2.1
OKLAHOMA	0.4	0.3
PHOENIX	1.8	1.5
PORTLAND	0.1	0.3
TUCSON	1.4	1.5

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

IHS Influenza Vaccination Surveillance

As of 05/30/2020, sites reporting to the IIAS have administered 292,171 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 05/30/2020



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	2,851	109	3.8	0	0.0	109
6 - 23 months	15,297	10,801	70.6	3,653	23.9	14,481
2 - 4 years	38,377	14,234	37.1	505	1.3	14,789
5 - 17 years	158,878	60,668	38.2	353	0.2	61,222
18 - 49 years	324,357	93,817	28.9	404	0.1	94,543
50 - 64 years	140,935	60,107	42.6	316	0.2	60,696
65 + years	93,727	45,795	48.9	309	0.3	46,440
Children (6 months-17 years)	212,552	85,703	40.3	4,511	2.1	90,492
Adults (18+ years)	559,019	199,719	35.7	1,029	0.2	201,679
All (6 months+)	771,571	285,422	37.0	5,540	0.7	292,171

* 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	597	205	321	183	8,548	8,946	57	2,169	197	40	150	0	0	61	21,474
BEM	429	82	192	9	5,095	766	28	553	1	82	3	0	0	25	7,265
BIL	330	116	1,401	140	12,823	3,291	105	10	186	24	6	0	0	75	18,507
CAO	688	845	1,856	0	5,523	2,309	205	78	420	54	5	0	0	47	12,030
GPA	454	734	809	373	21,245	8,047	325	803	154	23	29	0	0	61	33,057
NSA	255	136	153	25	6,142	5,722	42	640	246	186	6	0	0	226	13,779
NAV	870	467	2,837	1	43,303	19,691	1,248	17	14	60	10	0	0	161	68,679
OKC	1,524	2,224	1,270	23	34,494	7,201	745	2,801	107	62	18	0	0	102	50,571
PHX	322	996	251	48	22,986	12,705	253	2,667	15	54	1	0	0	142	40,440
POR	221	274	393	101	10,289	3,798	29	594	199	110	214	0	0	48	16,270
TUC	15	54	52	1	8,186	74	27	0	2	14	0	0	0	14	8,439
	5,724	6,159	9,600	931	180,260	73,310	3,064	10,332	1,541	712	442	0	0	977	293,052

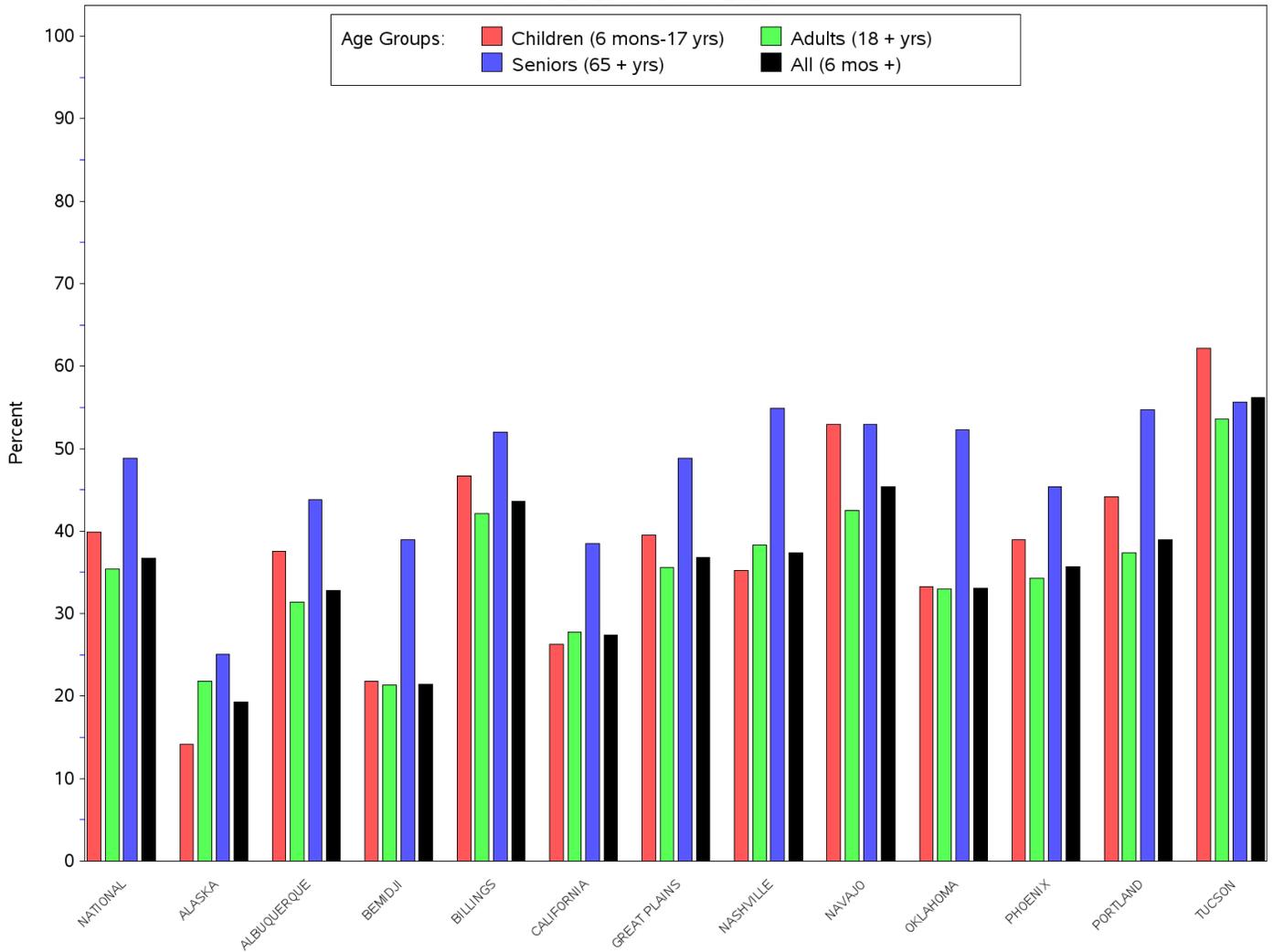
* Inactive CVX Codes 15 (FLU-TIVhx), 16 (FLU-WHOLE), 111 (FLU-LAIV3), 123 (FLU-H5N1), 144 (FLU-DERMAL), 151 (FLU-NasNOS), 153 (FLU-ccIV3), 155 (FLU-RIV3), 160 (H5N1, adj) and 166 (FLU-DERM4) should not be used to document flu vaccines given this flu season.

** 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 05/30/2020



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 05/30/2020

Area	Children (6 mons-17 yrs)	Adults (18+ yrs)	Seniors (65+ yrs)	All (6 mons +)
NATIONAL	24.3	19.8	30.6	21.0
ALASKA	10.5	13.6	18.5	12.7
ALBUQUERQUE	24.7	19.8	30.4	20.9
BEMIDJI	12.8	12.7	26.6	12.8
BILLINGS	28.8	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	17.0	29.7	17.4
PHOENIX	21.9	16.5	23.0	17.9
PORTLAND	26.2	23.4	39.3	24.1
TUCSON	44.3	32.7	40.4	35.8

Number of RPMS Databases Reporting for Week 22, 2020

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	126	206
ALASKA	1	1
ALBUQUERQUE	14	20
BEMIDJI	4	6
BILLINGS	10	21
CALIFORNIA	12	20
GREAT PLAINS	15	29
NASHVILLE	21	24
NAVAJO	6	17
OKLAHOMA	17	21
PHOENIX	13	25
PORTLAND	12	18
TUCSON	1	4

* Exporting databases may include data from multiple facilities.

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