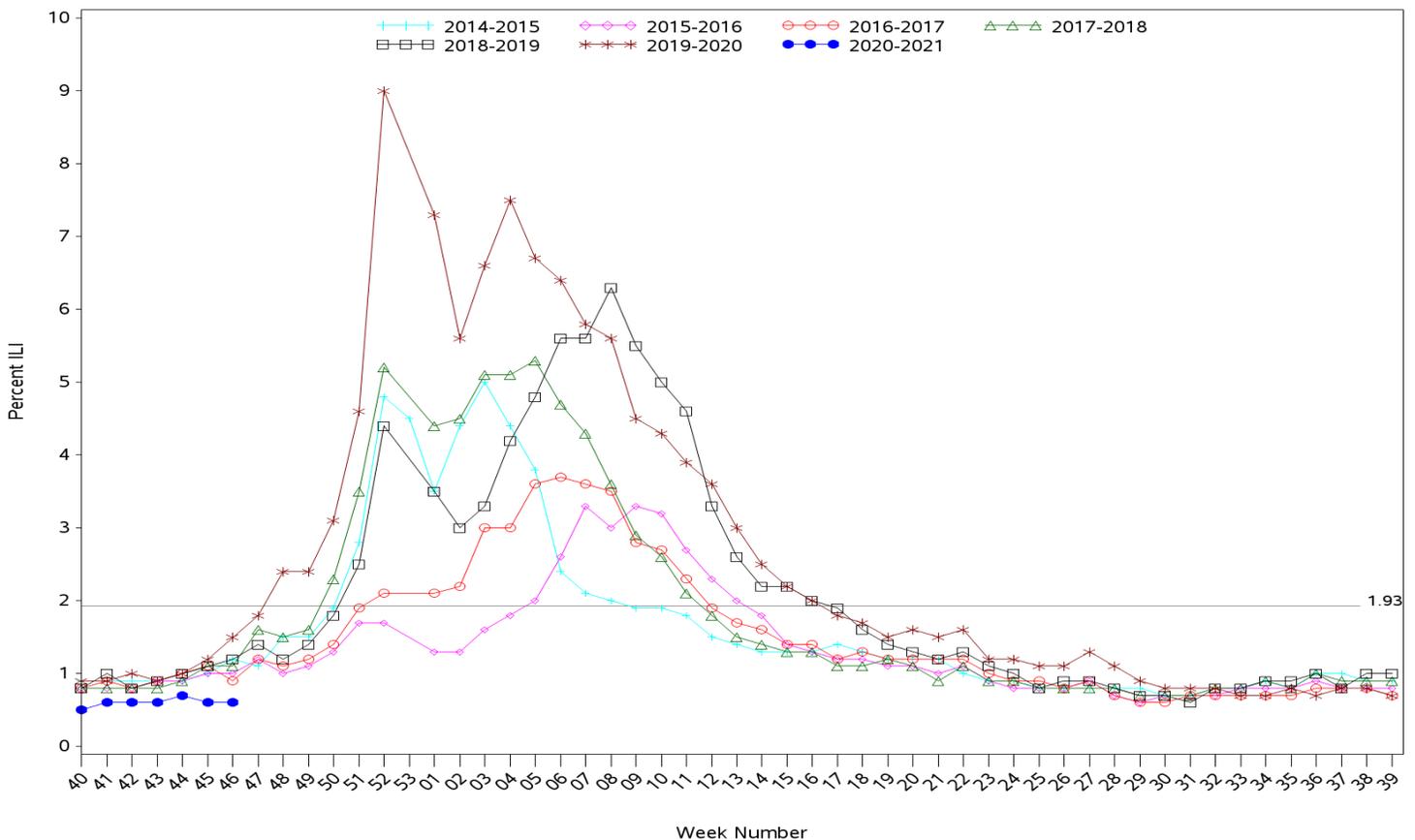




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza-Like Illness Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 46: 11/08/2020 – 11/14/2020)

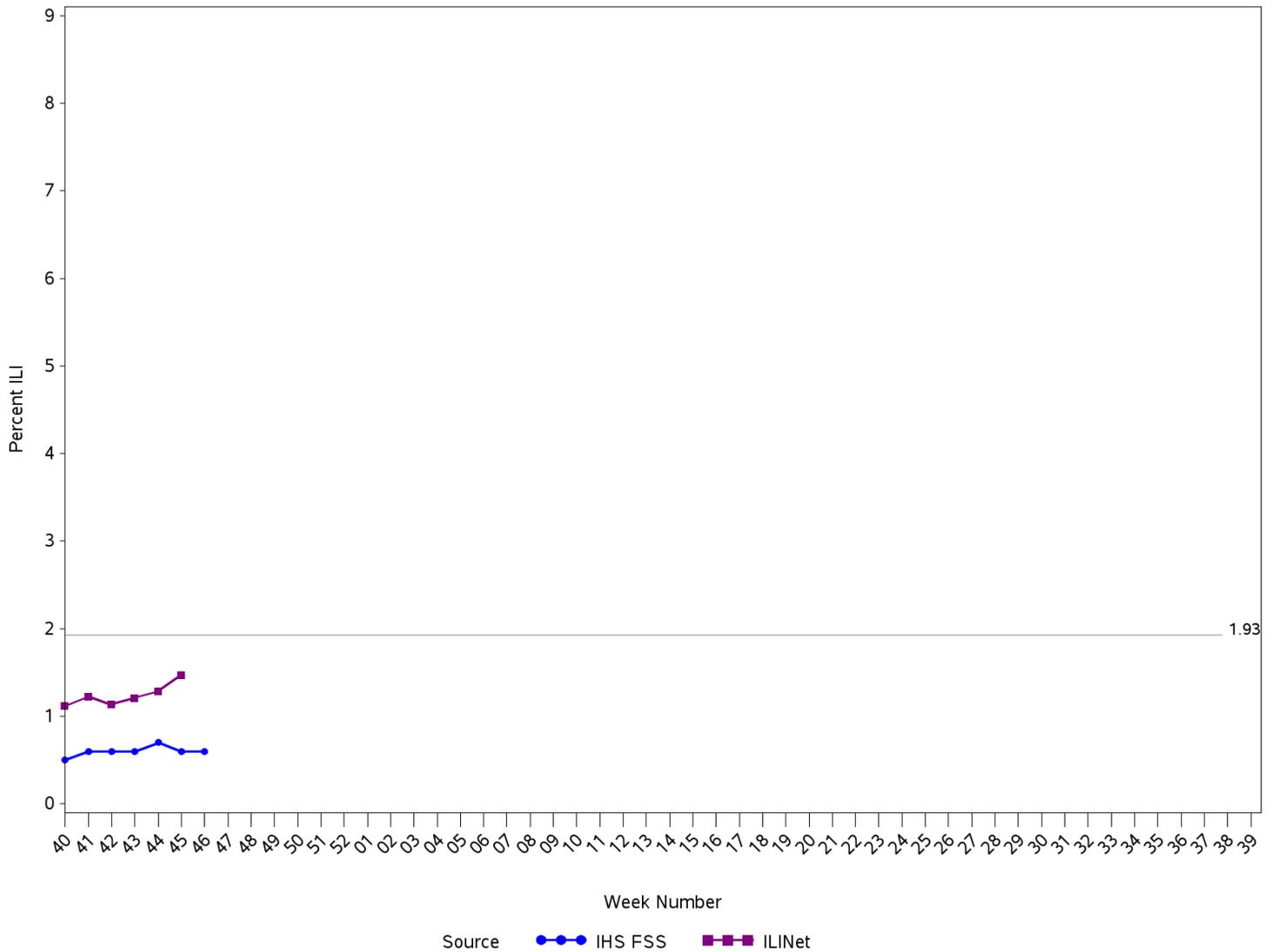
- IHS national Influenza-like illness (ILI) activity is low at 0.6%, below the IHS baseline of 1.93%
 - Four out of ten IHS Areas reported an increase in ILI activity, while other IHS Areas reported having consistent or slightly increased ILI activity from the previous week.
 - This week's IHS ILI activity is below the CDC's ILINet ILI activity for week 46 (1.49%), below the ILINet baseline (2.6%) and the IHS baseline of 1.93%.
- To date, IHS has administered 170,322 doses of influenza vaccine.
- Overall, 23.8% of the IHS Active Clinical population ages 6 months and older has received an influenza vaccine this season to date.
- Tucson Area did not report or reported insufficient data and are excluded from analyses this week.
- Alaska Area is excluded because only one facility is exporting ILI data files and would not be representative of the entire Area.

All Reporting IHS Areas
Influenza-Like Illness (ILI) for Current Surveillance Year and Previous Six Surveillance Years
Percentage of Outpatient Visits for ILI Visits per Week



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line represents the 2020-2021 IIAS baseline. The baseline is the mean percentage of patient visits for ILI during non-influenza weeks (as defined by CDC) for the previous four seasons plus two standard deviations.
 The horizontal line is the 2020-2021 ILINet 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
CDC ILINet vs. IHS Influenza-like Illness Awareness System (IIAS)
09/27/20 through 11/14/20 (Week 46)



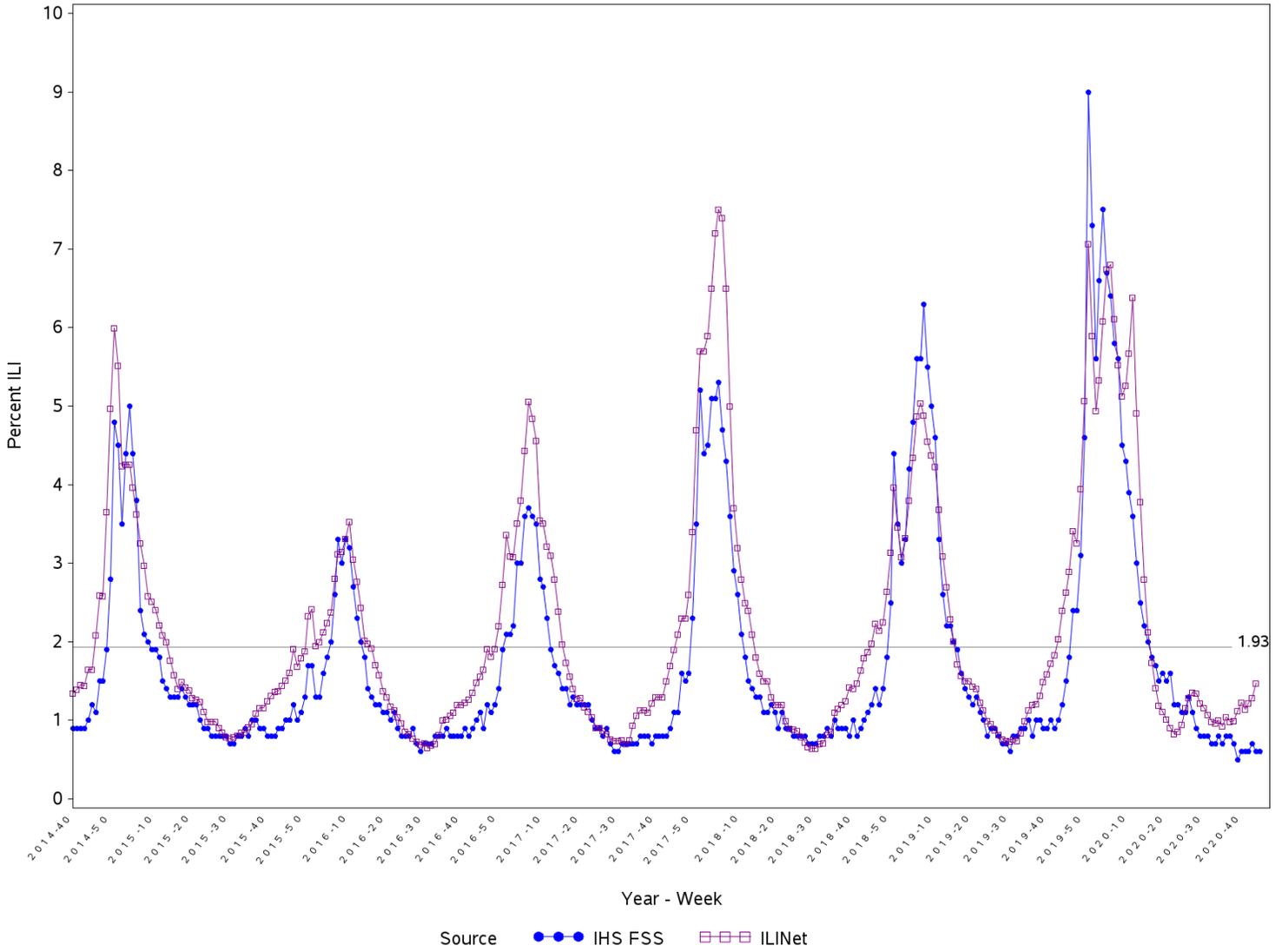
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC 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 IIAS - Influenza-like Illness Awareness System

**IHS Influenza-like Illness Awareness System vs. CDC ILINet
Influenza-Like Illness (ILI) for six year window from latest full week
Percentage of Visits for ILI per week
09/28/13 through 11/14/20 (Week 46)**



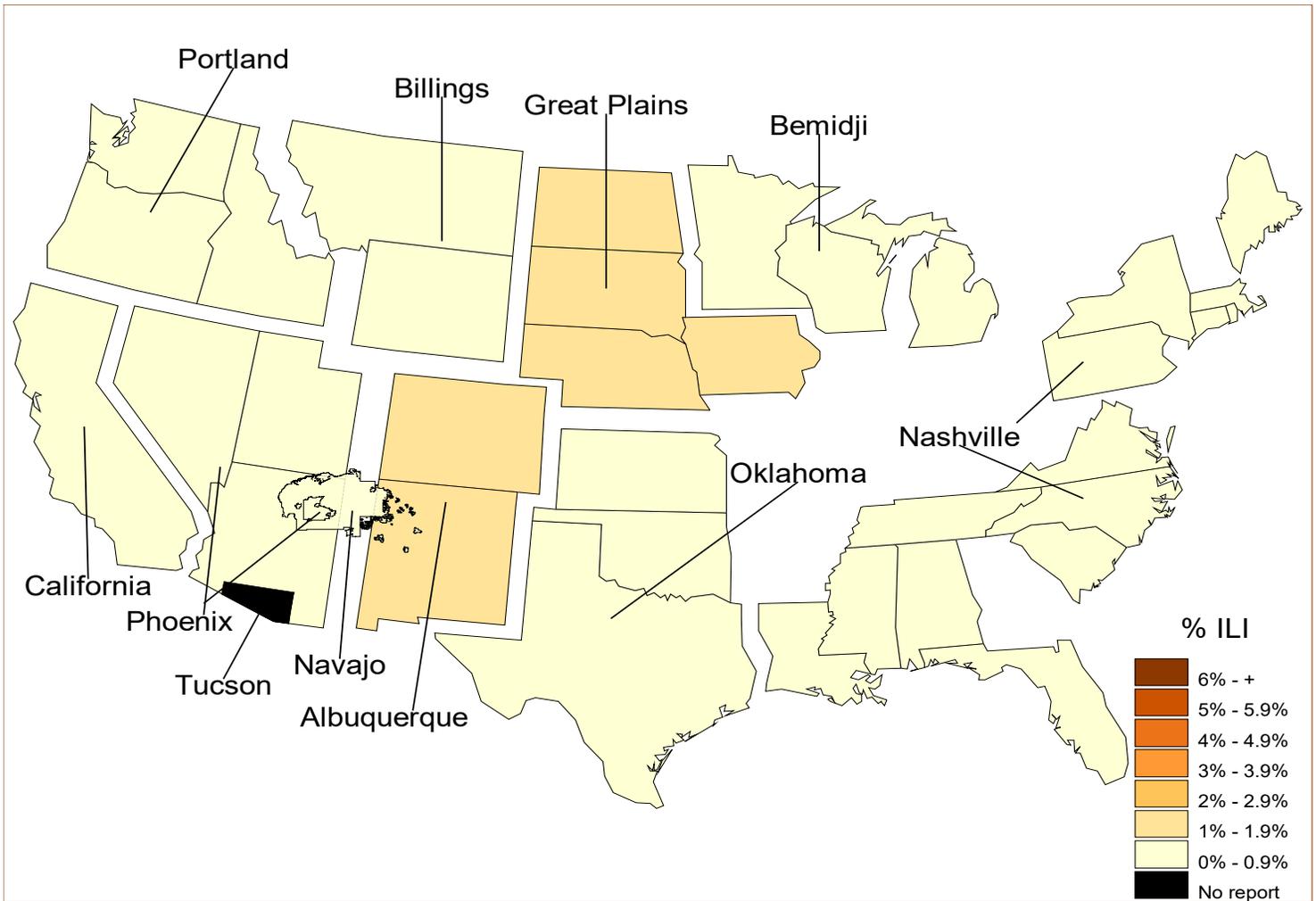
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2020-2021 IHS Influenza-like Illness Awareness System baseline. The CDC 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 IIAS - Influenza-like Illness Awareness System

**Percentage of Influenza-Like Illness Visits by IHS Area
For Week Ending 11/14/20 (Week 46)**



**Percent ILI Visits*
Current week compared to previous week
For Week Ending 11/14/20 (Week 46)**

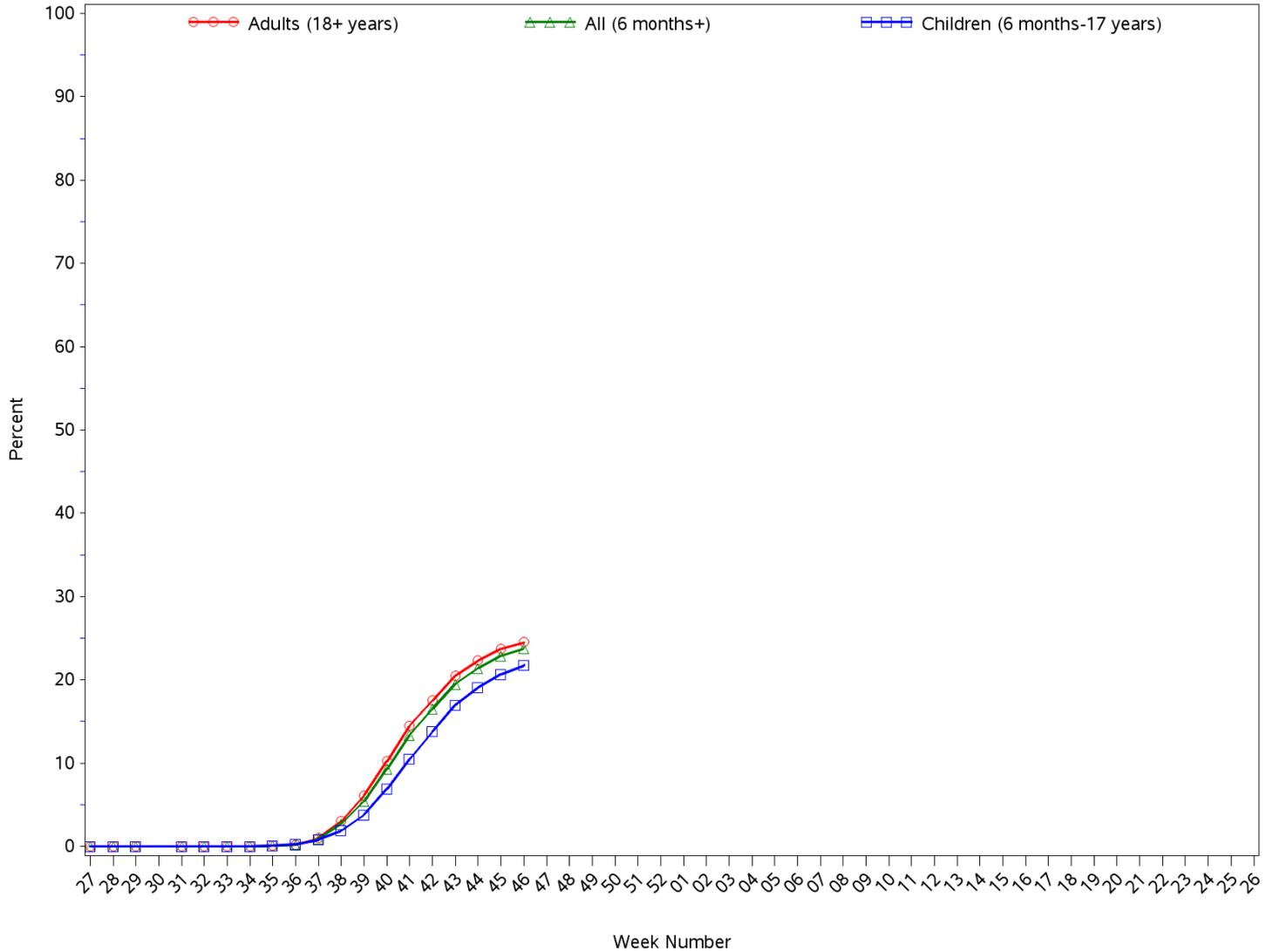
| IHS Areas | Previous Week (45) | Current Week (46) |
|--------------|--------------------|-------------------|
| NATIONAL | 0.6 | 0.6 |
| ALBUQUERQUE | 0.9 | 1.3 |
| BEMIDJI | 0.6 | 0.3 |
| BILLINGS | 0.5 | 0.7 |
| CALIFORNIA | 0.0 | 0.0 |
| GREAT PLAINS | 1.1 | 1.2 |
| NASHVILLE | 1.0 | 0.5 |
| NAVAJO | 0.8 | 0.7 |
| OKLAHOMA | 0.3 | 0.3 |
| PHOENIX | 0.6 | 0.5 |
| PORTLAND | 0.1 | 0.2 |
| TUCSON | NR | NR |

Percentage of ILI visits is number of ILI visits divided by total number of daily visits.
NR = Not Reported

IHS Influenza Vaccination Surveillance

As of 11/14/2020, sites reporting to the IIAS have administered 170,322 doses (1st and 2nd) of seasonal influenza vaccine to active clinical patients 6 months of age and older.

All Reporting IHS Areas Percentage of Seasonal Influenza Vaccine Coverage among Active Clinical Population 06/28/20 through 11/14/20 (Week 46)



All Reporting IHS Areas
Seasonal Influenza Vaccine Coverage by Age Group*
Active Clinical Population**
06/28/20 through 11/14/20 (Week 46)

| 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 | 2,717 | 16 | 0.6 | 0 | 0.0 | 16 |
| 6 - 23 months | 13,454 | 3,498 | 26.0 | 242 | 1.8 | 3,740 |
| 2 - 4 years | 35,149 | 6,370 | 18.1 | 38 | 0.1 | 6,408 |
| 5 - 17 years | 146,395 | 32,737 | 22.4 | 55 | 0.0 | 32,798 |
| 18 - 49 years | 297,604 | 59,235 | 19.9 | 114 | 0.0 | 59,358 |
| 50 - 64 years | 130,765 | 43,029 | 32.9 | 121 | 0.1 | 43,167 |
| 65 + years | 90,375 | 24,733 | 27.4 | 103 | 0.1 | 24,851 |
| Children (6 months-17 years) | 194,998 | 42,605 | 21.8 | 335 | 0.2 | 42,946 |
| Adults (18+ years) | 518,744 | 126,997 | 24.5 | 338 | 0.1 | 127,376 |
| All (6 months+) | 713,742 | 169,602 | 23.8 | 673 | 0.1 | 170,322 |

* 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

Seasonal Influenza Vaccination Code Counts by IHS Area
06/28/20 through 11/14/20 (Week 46)

| 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-ccI4pf | CVX 185 FLU-RIV4 | CVX 186 FLU-ccI4 | 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 |
|------|---------------------|------------------|-------------------|--------------------|------------------|--------------------|--------------------|--------------------|------------------|------------------|------------------|--------------------|--------------------|----------------------|--------------------|------------------------------------|
| ALB | 467 | 77 | 58 | 9,189 | 5,383 | 26 | 0 | 428 | 55 | 14 | 0 | 0 | 0 | 0 | 76 | 15,773 |
| BEM | 401 | 28 | 108 | 4,164 | 464 | 2 | 2 | 57 | 8 | 2 | 0 | 0 | 0 | 0 | 97 | 5,333 |
| BIL | 695 | 97 | 97 | 6,084 | 781 | 1 | 1 | 2 | 89 | 1 | 0 | 0 | 0 | 0 | 26 | 7,874 |
| CAO | 1,602 | 600 | 3 | 3,590 | 720 | 115 | 0 | 7 | 8 | 170 | 0 | 0 | 0 | 0 | 60 | 6,875 |
| GPA | 2,468 | 89 | 249 | 8,903 | 2,129 | 15 | 0 | 22 | 16 | 346 | 0 | 0 | 0 | 0 | 27 | 14,264 |
| NSA | 337 | 51 | 38 | 5,339 | 2,574 | 3 | 0 | 182 | 90 | 7 | 0 | 0 | 0 | 0 | 149 | 8,770 |
| NAV | 452 | 196 | 0 | 39,383 | 11,563 | 79 | 86 | 295 | 42 | 62 | 0 | 0 | 0 | 0 | 172 | 52,330 |
| OKC | 1,453 | 645 | 224 | 21,361 | 2,234 | 87 | 8 | 10 | 66 | 1 | 0 | 0 | 0 | 0 | 91 | 26,180 |
| PHX | 1,418 | 768 | 9 | 11,773 | 8,465 | 48 | 1 | 2 | 230 | 167 | 0 | 0 | 0 | 0 | 126 | 23,007 |
| POR | 263 | 227 | 169 | 6,085 | 914 | 1 | 1 | 162 | 128 | 112 | 0 | 0 | 0 | 0 | 35 | 8,097 |
| TUC | 14 | 12 | 0 | 2,463 | 7 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 13 | 2,512 |
| | 9,570 | 2,790 | 955 | 118,334 | 35,234 | 377 | 99 | 1,167 | 735 | 882 | 0 | 0 | 0 | 0 | 872 | 171,015 |

Patient Counts Not Deduplicated

* 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),

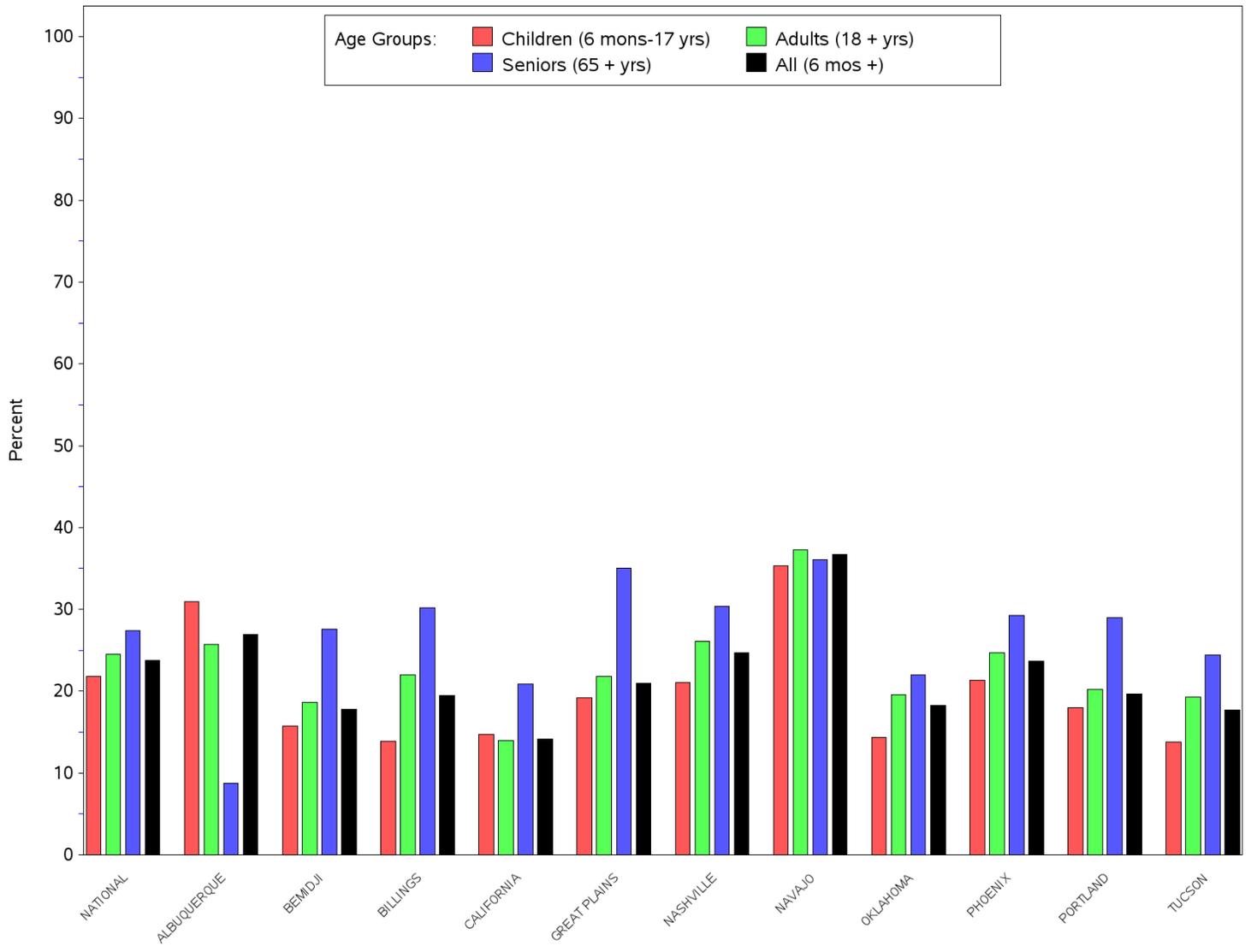
153 (FLU-ccIIV3), 155 (FLU-RIV3), 160 (H5N1,adj) and 166 (FLU-DERM4) should not be used to document flu vaccines administered during flu season 2020-2021.

** 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 Reporting IHS Areas
Influenza Vaccine Coverage for all Age Groups for National and in each Area
% Seasonal Flu (At Least 1 Dose) for Active Clinical Population
06/28/20 through 11/14/20 (Week 46)



All Reporting IHS Areas
Influenza Vaccine Coverage for all Age Groups for National and in each Area
% Seasonal Flu (At Least 1 Dose) for Active Clinical Population
06/28/20 through 11/14/20 (Week 46)

| Area | Children (6 mons-17 yrs) | Adults (18+ yrs) | Seniors (65+ yrs) | All (6 mons +) |
|--------------|-----------------------------|---------------------|----------------------|-------------------|
| NATIONAL | 21.8 | 24.5 | 27.4 | 23.8 |
| ALBUQUERQUE | 30.9 | 25.7 | 8.8 | 26.9 |
| BEMIDJI | 15.8 | 18.6 | 27.6 | 17.8 |
| BILLINGS | 13.9 | 22.0 | 30.2 | 19.5 |
| CALIFORNIA | 14.7 | 14.0 | 20.9 | 14.2 |
| GREAT PLAINS | 19.2 | 21.8 | 35.0 | 21.0 |
| NASHVILLE | 21.1 | 26.1 | 30.4 | 24.7 |
| NAVAJO | 35.3 | 37.3 | 36.1 | 36.7 |
| OKLAHOMA | 14.4 | 19.6 | 22.0 | 18.3 |
| PHOENIX | 21.3 | 24.7 | 29.3 | 23.7 |
| PORTLAND | 18.0 | 20.2 | 29.0 | 19.7 |
| TUCSON | 13.8 | 19.3 | 24.4 | 17.7 |

Number of RPMS Databases Reporting for Week Ending 11/14/20 (Week 46)

| IHS Area | # of RPMS Databases Reporting* | # of Facilities Reporting** |
|--------------|--------------------------------|-----------------------------|
| NATIONAL | 123 | 190 |
| ALBUQUERQUE | 12 | 18 |
| BEMIDJI | 3 | 7 |
| BILLINGS | 10 | 19 |
| CALIFORNIA | 13 | 18 |
| GREAT PLAINS | 14 | 21 |
| NASHVILLE | 20 | 24 |
| NAVAJO | 6 | 18 |
| OKLAHOMA | 17 | 23 |
| PHOENIX | 13 | 23 |
| PORTLAND | 15 | 19 |
| TUCSON | NR | NR |

* Exporting databases may include data from multiple facilities.

** Includes only facility categories: Hospital, Health Center, Health Station and Health Location

NR = Not Reported