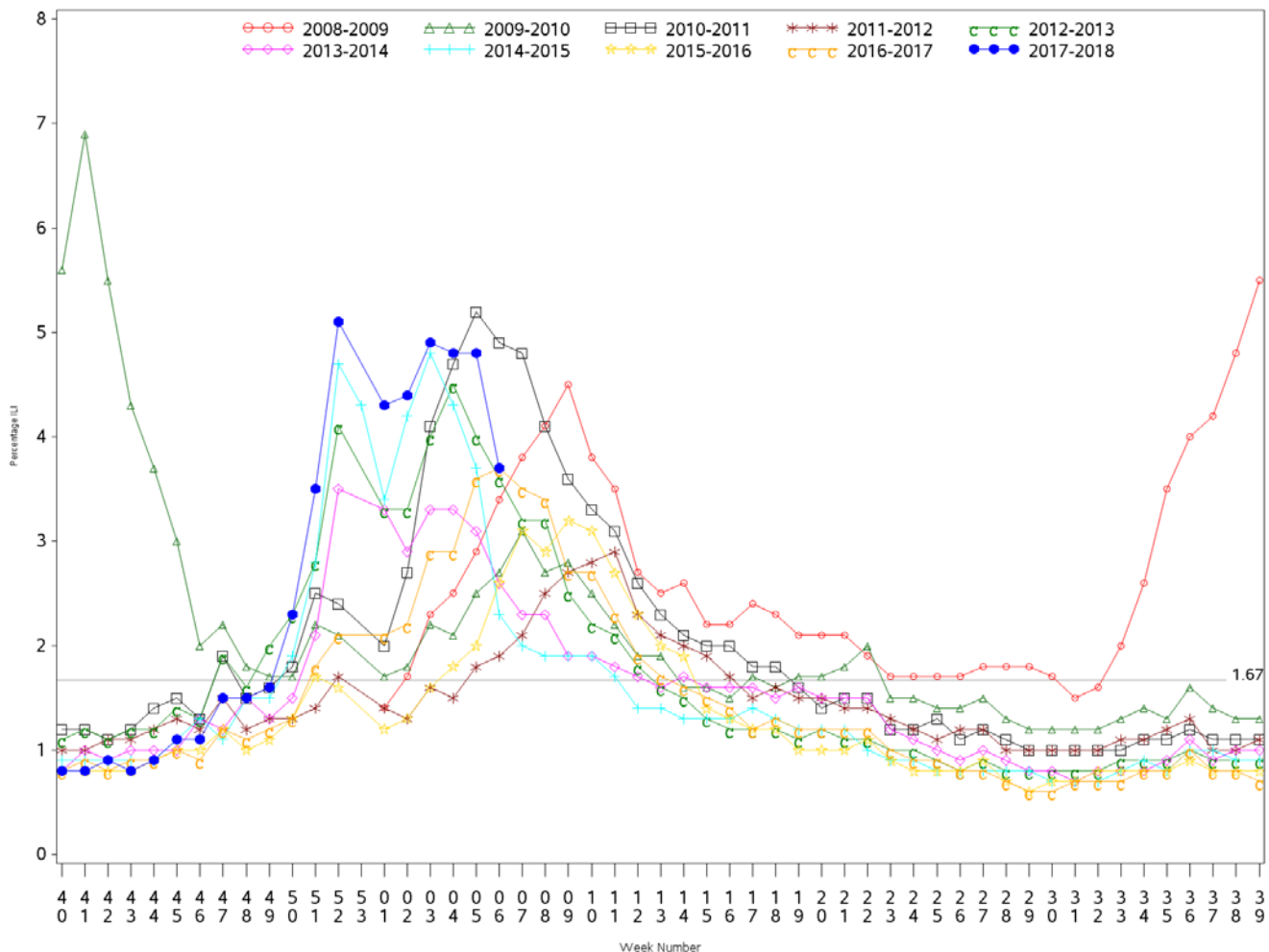




Indian Health Service
 Division of Epidemiology and Disease Prevention
Influenza Surveillance Report
IHS Influenza Awareness System (IIAS)
(Week 06: 02/04/2018 – 02/10/2018)

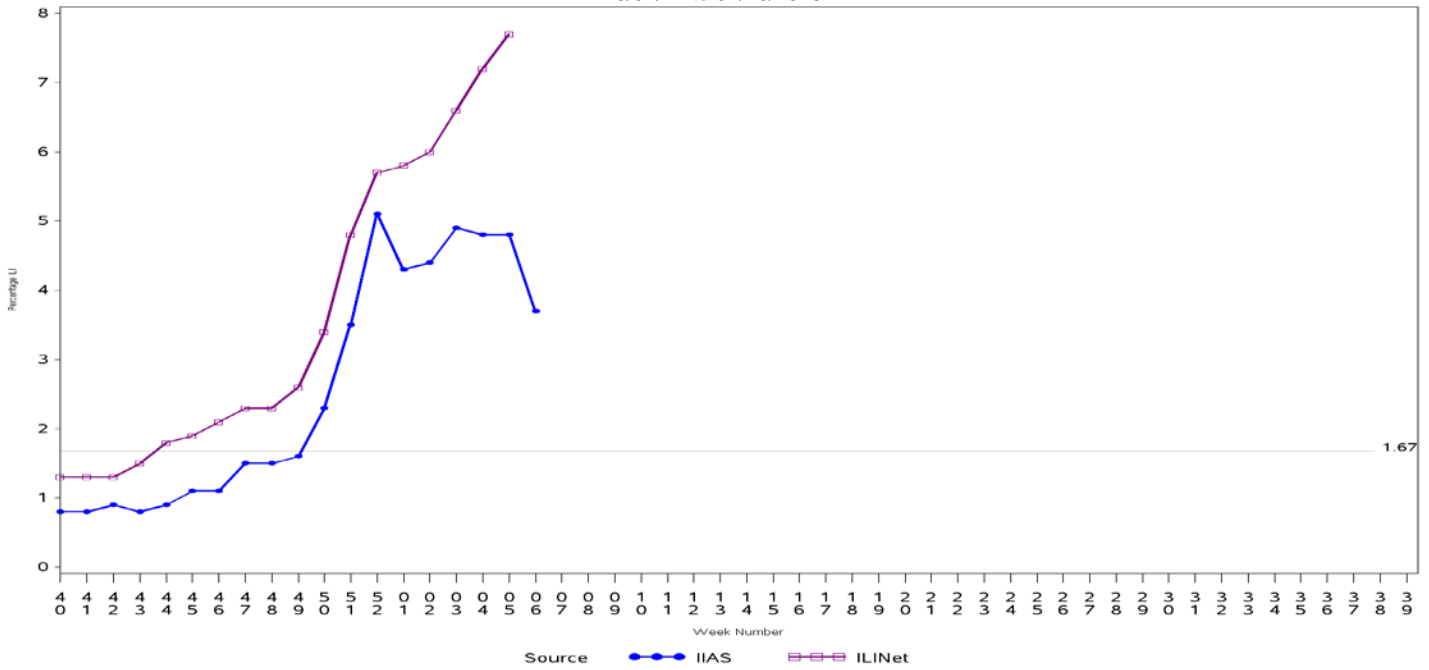
- Influenza-like-illness (ILI) activity in IHS is decreasing but remains elevated at 3.7%, above the IHS baseline of 1.67%
 - All twelve IHS regions are reporting elevated ILI activity
- National ILI activity reported by CDC is elevated and increasing in a majority of US states
 - CDC's ILINet ILI activity is 7.7%, above the ILINet baseline (2.2%) and the IHS baseline (1.67%).
- To date, IHS has administered over 327,000 doses of influenza vaccine.
- Overall, 34.0% of the IHS Active Clinical population received an influenza vaccine this season.

All IHS Areas
 Influenza-Like Illness (ILI) for All Surveillance Years
 Percentage of Visits for ILI per week
 01/04/09 to 02/10/2018



Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.
 The horizontal line represents the 2017-2018 IIAS 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.

Percentage of Outpatient Visits for Influenza-Like Illness (ILI)
 Percent ILI for Flu Year 2017 - 2018
 IIAS vs. ILINet
 10/01/17 to 02/10/2018



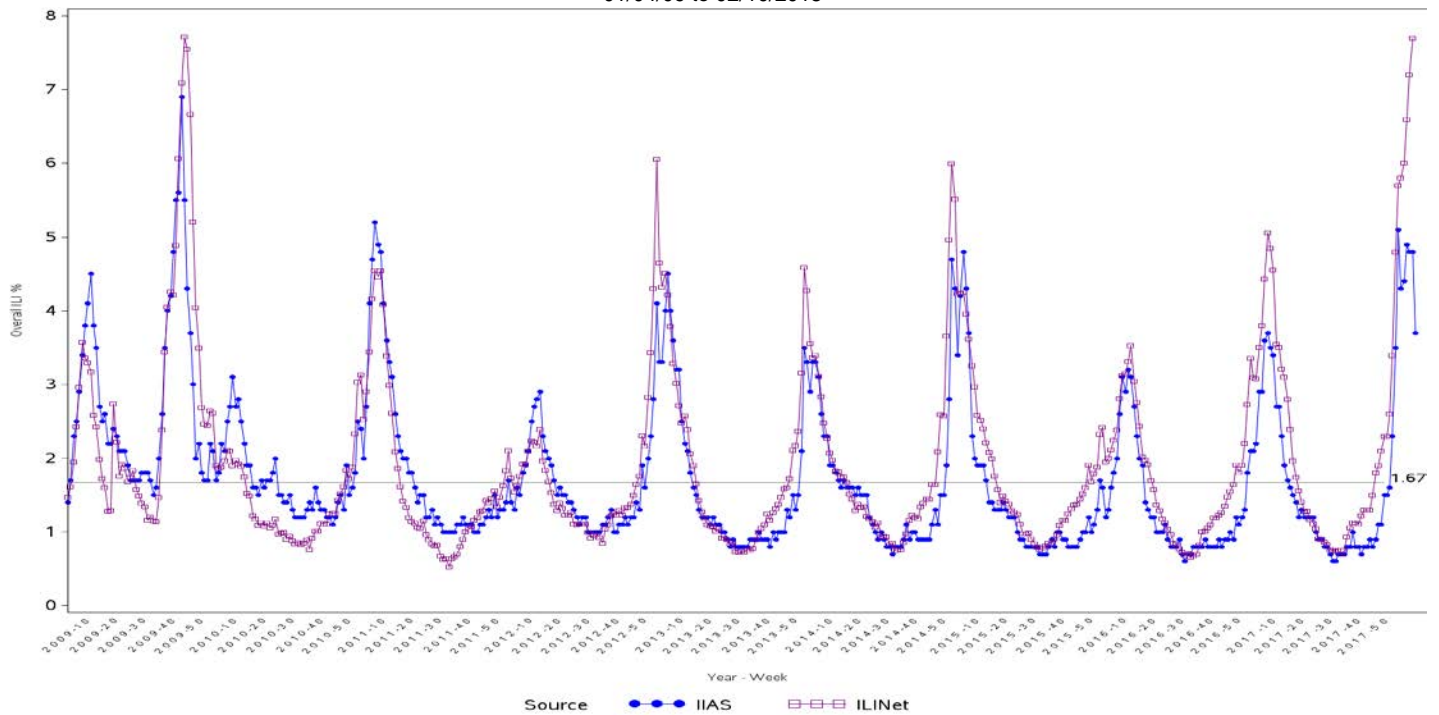
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2017-2018 IIAS baseline. The ILINet baseline value for 2017-2018 is 2.2.

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) All Surveillance Years - Continuous
 Percentage of Visits for ILI per week
 IIAS vs. ILINet
 01/04/09 to 02/10/2018



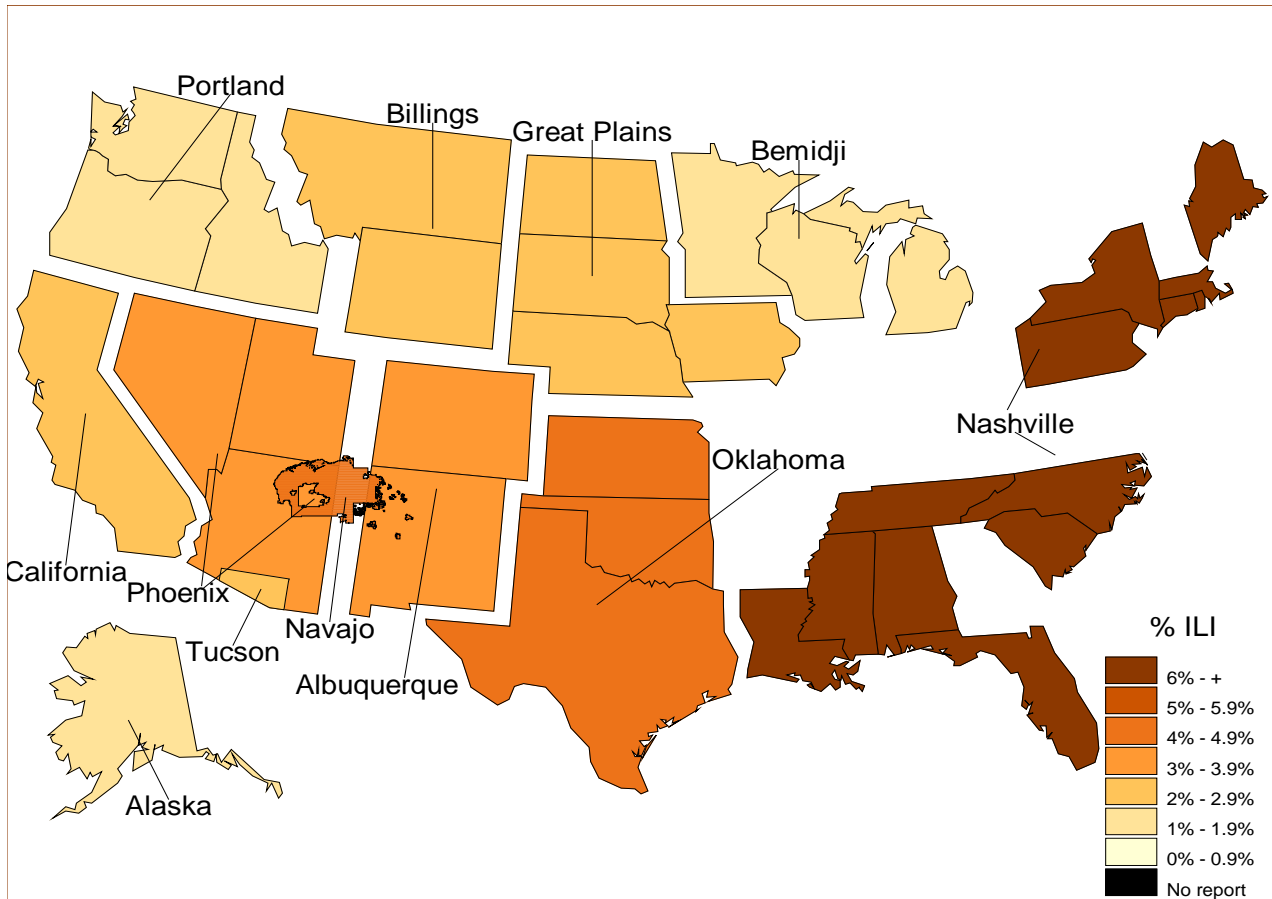
Percent ILI visits is number of ILI visits divided by total number of daily outpatient visits.

The horizontal line is the 2017-2018 IIAS baseline. The ILINet baseline value for 2017-2018 is 2.2.

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: 06



% Visits for ILI Compared to Previous Week

IHS Areas	% in Week 05	% in Week 06
NATIONAL	4.8	3.7
ALASKA	1.1	1.0
ALBUQUERQUE	4.1	3.3
BEMIDJI	1.1	1.3
BILLINGS	4.0	2.7
CALIFORNIA	2.2	2.3
GREAT PLAINS	2.9	2.3
NASHVILLE	9.6	7.5
NAVAJO	6.6	4.8
OKLAHOMA	6.3	4.5
PHOENIX	4.1	3.9
PORTLAND	2.2	1.9
TUCSON	2.0	2.0

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

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	4,275	51	1.2	0	0.0	51
6 - 23 months	20,599	11,408	55.4	3,020	14.7	14,455
2 - 4 years	51,408	16,047	31.2	511	1.0	16,589
5 - 17 years	196,974	67,396	34.2	374	0.2	67,946
18 - 49 years	403,601	105,211	26.1	571	0.1	106,110
50 - 64 years	170,714	70,345	41.2	366	0.2	70,958
65 + years	102,100	51,061	50.0	353	0.3	51,709
Children (6 months-17 years)	268,981	94,851	35.3	3,905	1.5	98,990
Adults (18 + years)	676,415	226,617	33.5	1,290	0.2	228,777
All (6 months +)	945,396	321,468	34.0	5,195	0.5	327,767

* Limited to sites that exported both doses administered and 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, doses deduplicated.

**** 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 140 FLU-IIV3pf	CVX 141 FLU-IIV3	CVX 149 FLU-LAIV 4	CVX 150 FLU-IIV4pf	CVX 155 FLU-RIV3	CVX 158 FLU-IIV4	CVX 161 IIV4pf ped	CVX 166 FLU-DERM4	CVX 168 FLU-IIV3ad	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	1	35	402	5	93	0	4,874	0	1,114	511	2	0	47	0	0	0	0	40	7,124
ALB	1	204	1,892	42	1,185	0	12,452	17	8,742	987	1,110	2	9	48	76	0	0	66	26,833
BEM	1	119	419	9	405	0	5,501	4	4,825	305	6	14	8	39	0	0	0	54	11,709
BIL	0	75	1,485	4	145	0	11,778	5	2,876	396	132	0	135	259	2	0	0	89	17,381
CAO	5	415	1,761	58	1,523	0	7,583	2	4,617	434	96	0	680	0	1	0	0	199	17,374
GPA	1	366	1,536	7	1,297	1	17,445	14	10,578	1,969	4	3	241	39	9	0	0	102	33,612
NSA	2	125	354	20	421	0	4,850	5	5,715	338	491	1	86	17	4	0	0	210	12,639
NAV	9	343	2,139	20	1,657	1	27,900	11	47,160	2,371	734	0	20	63	21	0	0	169	82,618
OKC	7	2,750	3,206	7	2,676	2	11,618	15	23,719	2,889	462	1	2,144	17	32	0	0	79	49,624
PHX	0	902	1,785	3	458	0	21,508	13	12,955	716	4	2	13	17	3	0	0	129	38,508
POR	7	321	1,522	333	463	0	8,270	20	8,932	674	957	70	959	329	18	0	0	178	23,053
TUC	0	35	37	22	1	0	7,664	0	87	33	0	0	0	0	0	0	0	42	7,921
	34	5,690	16,538	530	10,324	4	141,443	106	131,320	11,623	3,998	93	4,342	828	166	0	0	1,357	328,396

* 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.

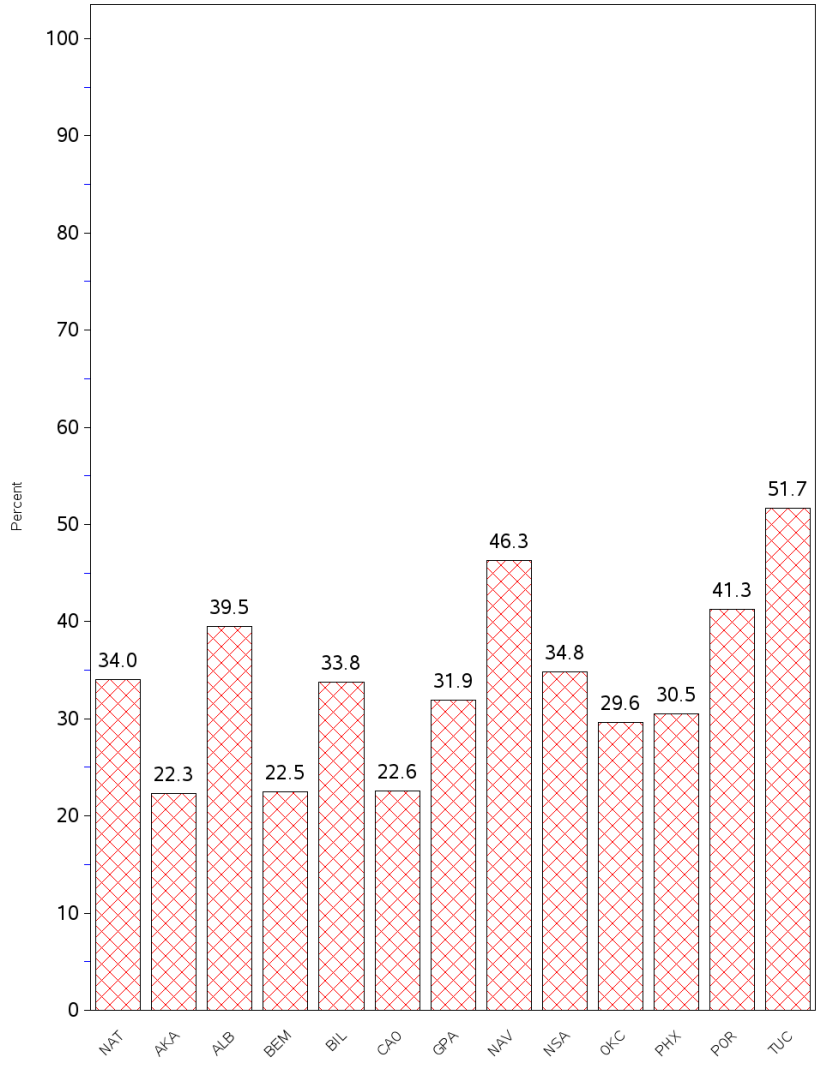
Doses are NOT deduplicated.

** 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 – All (6 months and older)
%Seasonal Flu (At least 1 dose) for Active Clinical Population
07/02/17 to 02/10/2018



- This report includes data from the following number of Resource and Patient Management System (RPMS) databases:

IHS Area	# of RPMS Databases Reporting*	# of Facilities Reporting**
NATIONAL	143	272
ALASKA	5	50
ALBUQUERQUE	12	20
BEMIDJI	3	6
BILLINGS	12	22
CALIFORNIA	19	30
GREAT PLAINS	15	30
NASHVILLE	19	23
NAVAJO	8	23
OKLAHOMA	18	22
PHOENIX	12	20
PORTLAND	19	22
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.