

Influenza Vaccination Coverage among HealthCare Personnel (HCP) in IHS, Tribal and Urban Indian Facilities

The Healthy People 2010 goal for influenza vaccination among healthcare personnel (HCP) is 60%, a goal that was met for the first time during the 2009-2010 influenza season. The Healthy People 2020 goal for influenza vaccination among HCP is 90%.

As part of the Department of Health and Human Services initiative to improve influenza vaccination coverage among HCP, IHS has collected data on influenza coverage levels among HCP at all IHS and many tribal and urban health care facilities for the last 3 influenza seasons. The definition of HCP includes **all** personnel who work in a health care facility – meaning personnel with direct patient contact as well as housekeeping, food service workers, data entry clerks, administrators, etc.

Results for the 2010-2011 influenza season as of March 31st, 2011 are included below. Aggregate data can also be viewed in the Report section of the National Immunization Reporting System (NIRS) website:

<http://www.ihpes.ihs.gov/immunizations/index.cfm?module=immunizations&option=reports>

SEASONAL INFLUENZA VACCINATION

All 12 IHS Areas submitted reports, representing 189 facilities and 29,135 HCP. A breakdown of coverage by facility type is included in Table 1. Figure 1 depicts coverage data for the 2009, 2010 and 2011 influenza seasons for all IHS Areas; Figure 2 provides a breakdown of coverage by IHS Area. Table 2 contains 2011 coverage data by IHS area.

Table 1: 2011 HCP Seasonal Influenza Coverage by Facility Type

	Number of facilities	Number of HCP	% Vaccinated	% Medical Contraindications	% Refused	% Unknown
IHS Facilities	62	12,713	77.4%	0.9%	11.4%	10.1%
Tribal Facilities	116	15,873	69.0%	1.8%	15.1%	14.0%
Urban Facilities	11	549	52.6%	1.1%	36.8%	9.5%
All Facilities	189	29,135	72.4%	1.4%	13.9%	12.2%

Figure 1: HCP Influenza Coverage 2009 - 2011

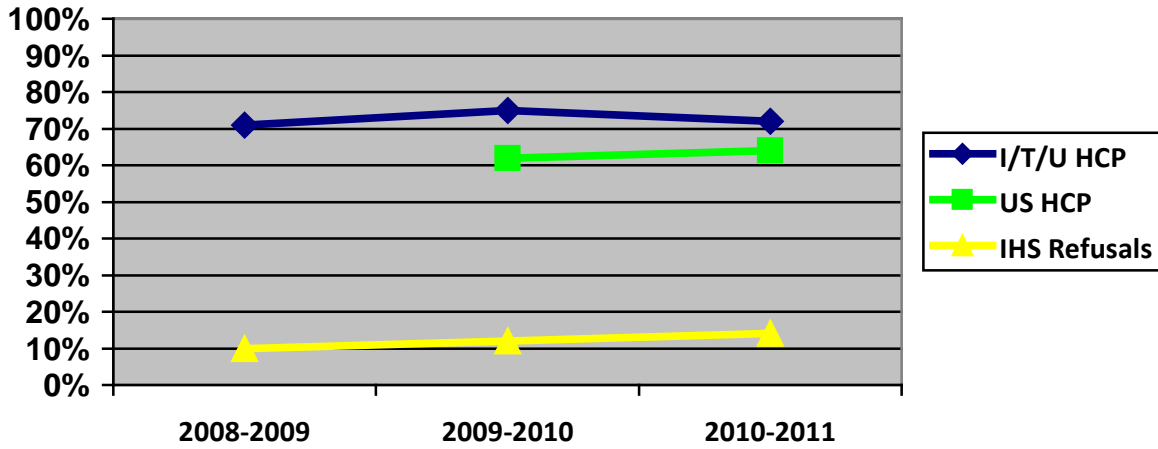


Figure 2: Seasonal Influenza Vaccination Coverage of HCP by IHS Area
IHS, Tribal, and Urban Facilities

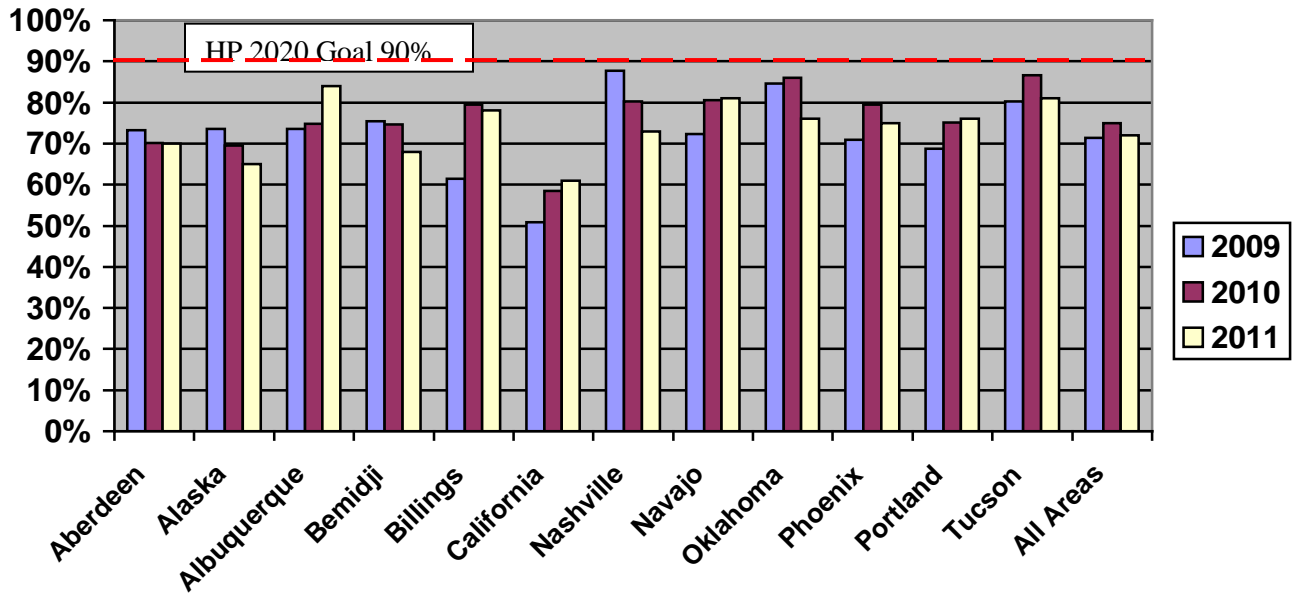


Table 2: 2011 HCP Seasonal Influenza Vaccine Coverage by IHS Area

	Number Facilities	Number HCP	% Vaccinated	% Medical Contraindications	% Refused	% Unknown
Aberdeen	16	1,918	69.9%	0.9%	12.8%	16.5%
Alaska	13	6,711	64.6%	2.7%	15.0%	17.6%
Albuquerque	8	397	83.6%	1.0%	7.3%	8.6%
Bemidji	20	1,731	68.2%	0.8%	21.7%	9.5%
Billings	8	1,207	77.5%	0.9%	13.4%	5.4%
California	30	2,077	60.9%	2.3%	24.6%	12.3%
Nashville	18	1,024	73.3%	0.5%	17.5%	6.8%
Navajo	7	5,252	80.7%	0.4%	9.5%	9.3%
Oklahoma	32	3,399	76.3%	1.2%	12.8%	9.7%
Phoenix	8	3,416	75.1%	1.6%	10.5%	12.8%
Portland	27	1,597	76.1%	0.4%	11.8%	11.9%
Tucson	2	406	80.8%	0.5%	13.3%	5.4%
All Areas	189	29,135	72.4%	1.4%	13.9%	12.2%

Conclusion:

As an agency, IHS achieved 72.4% coverage with seasonal influenza vaccine among HCP in 2011, a 2.5% decrease compared to the 2010 influenza season. This is higher than the coverage reported nationally for HCP (63.5%), but falls short of the HP 2020 goal of 90%. There is considerable coverage variation between Areas and facility type.

The proportion of refusals increase slightly (2%) in 2010/2011 compared to 2009/2010

Contributing factors for IHS's success in achieving high coverage rates likely include concerted vaccination and educational efforts carried out by local staff re: the importance of influenza vaccination, establishment of a national system to monitor and report influenza vaccination coverage levels, and the relatively high proportion of Commissioned Corp personnel, for whom seasonal influenza vaccination is a readiness requirement.