

# IHS Immunization Data Exchange Survey, Portland Area, 2009

## IHS Immunization Data Exchange:

- IHS developed data exchange software (BYIM) for use with the RPMS Immunization Package.
- Software meets CDC standards: HL7 messaging, bi-directional capability, HTTPS transport
- Software is loaded at the IHS/Tribal/Urban (I/T/U) site, extracts immunization data and sends to the state immunization information system (SIIS).
- SIIS generates a file with data for those patients missing in the RPMS file and sends it to the IHS facility for importation into patient record

## Survey Goal: to determine use of the RPMS Immunization Package, use of the BYIM software and participation in the SIIS

- 25 question survey distributed to the 292 ITU sites in the U.S.
- Will be re-administered annually
- Received valid responses from 147 of 292 (50.3%) sites in 28 states.
- IHS Portland Area – 21 of 40 sites (52.5%) responded

## Respondents:

Burns-Paiute Tribe Wada-Tika Health Center  
Chehalis Indian Health Center  
Chemawa Health Center  
Colville Service Unit  
Cow Creek Health and Wellness Center  
Fort Hall Tribal Community Health Care  
Klamath Tribal Health & Wellness Center  
Kootenai Tribal Health Clinic  
Lummi Tribal Health Clinic  
Nimiipuu Tribal Health Center  
Puyallup Tribal Health Authority

Quileute Tribal Health Clinic  
Shoalwater Bay Tribal Clinic  
Siletz Community Health Center  
Sophie Trettevick Indian Health Center  
Swinomish Health Clinic  
Upper Skagit Tribal Health  
Warm Springs Service Unit  
Wellpinit Service Unit  
Yakama Service Unit  
Yellowhawk Tribal Health Center

## SIIS States in this Area: Idaho, Oregon, Washington

**Two-way electronic data exchange in Idaho and Oregon is pending software developments to the IHS BYIM software. Two-way electronic data exchange is currently taking place in Washington.**

## Results – Portland Area

- All respondents use RPMS and 19 (90.5%) v 8.3 of the Immunization Package
- 13 (61.9%) report being contacted by the SIIS
- 18 (85.7%) share immunization information with the SIIS:
  - 6 (28.6%) use BYIM software
  - 3 (14.3%) transmit flat files to the SIIS
  - 5 (23.8%) perform direct data entry and double data entry into the SIIS
  - 4 (19.0%) send hard copy information to the SIIS
- 14 (66.7%) obtain data from the SIIS using look-up capability

## Of 21 sites:

- 19 are interested in SIIS participation
- 17 think it is important to participate in SIIS
- All feel look-up capability into the registry is useful
- All feel two-way electronic data exchange would be useful
- 12 feel that double data entry is a barrier to participation in the SIIS