

IHS Immunization Data Exchange Survey, Bemidji 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 loaded at the IHS/Tribal/Urban (I/T/U) site, extracts immunization data, sends to the state immunization information system (SIIS).
- SIIS generates a file with data for patients missing in RPMS file, and sends it to 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, administered annually, distributed to the 292 ITU sites in the U.S.
- Received valid responses from 147 of 292 (50.3%) sites in 28 states.
- IHS Bemidji Area – 24 of 36 sites (66.7%) responded:

American Indian Health & Family Services – MI	Red Lake Hospital – MN
American Indian Health Service of Chicago, Inc. - IL	Little River Band Clinic –MI
Bay Mills Health Center - MI	Little Traverse Bay Band Clinic – MI
Bois Forte Medical Clinic – MN	Menominee Tribal Clinic – WI
Cass Lake Indian Hospital – MN	Nimkee Memorial Wellness Center – MI
Forest County Potawatomi – WI	Prairie Island Community Clinic – MN
Gerald L. Ignace Health Center – WI	Peter Christensen Health Center – WI
Grand Portage Health Service – MN	Shakopee Dakota Clinic - MN
Grand Traverse Band Family Health Clinic – MI	St. Croix Health Clinic - WI
Minneapolis Indian Health Board - MN	Stockbridge-Munsee Health Center- WI
Keweenaw Bay DHHS – MI	Red Cliff Community Health Center - WI
Lac Courte Oreilles Health Center - WI	White Earth IHS – MN

SIIS States in this Area: Minnesota, Michigan, Wisconsin

Two-way data exchange is available in MN and WI. IHS does not yet exchange data with MI.

Results – Bemidji Area

- 15 (62.5%) sites use RPMS, 14 of 24 using v 8.3 of the Immunization Package
- 16 (66.7%) reported being contacted by the IIS
- 23 (95.8%) share information with the IIS
 - 16 (66.7%) perform direct data entry and double data entry into the IIS
 - 2 (8.3%) MN sites send flat file information to the IIS
 - 4 sites perform two way data exchange (MN & WI)
 - 1 site performs one way data exchange
- 19 of 24 respondents use IIS look-up capability

Of 24 respondent sites:

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

Quotes from respondents:

“We do not use RPMS, but we do use another EMR and still have to do the double data entry which causes things to easily get missed.”

“We have been exporting for immunizations for a couple of years, and just got the capability to import immunizations. Prior to this I entered all immunizations from the state registry into RPMS.”