

IHS Immunization Data Exchange Survey, Phoenix Area, 2009

IHS Immunization Data Exchange:

- IHS developed data exchange software (BYIM) for use with the RPMS Immunization Package.
- Software meets CDC immunization data exchange 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 immunization information system (IIS).
- SIIS in turn generates a file with immunization data for those patients that were missing in the IHS 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, 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 Phoenix Area – 10 of 21 sites (47.6%) responded

Respondents:

| | |
|--|-------------------------------------|
| Colorado River Service Unit – AZ | Phoenix Indian Medical Center – AZ |
| Fallon Tribal Health Clinic – NV | Pyramid Lake Tribal Clinic – NV |
| Hopi Health Care Center – AZ | San Carlos Service Unit – AZ |
| IHS/Ft Duchesne Uintah-Ouray Service Unit – UT | Southern Bands Health Center – NV |
| Owyhee Community Health Facility – NV | Wassaja Memorial Health Center - AZ |

SIIS States in this Area: Arizona, California, Nevada, Utah

Arizona ASIIS, Utah USIIS and California's San Diego County conduct automated bi-directional exchange with RPMS. Nevada's IIS can accept information via direct data entry.

Results – Phoenix Area

- 8 (80%) respondents used RPMS and 6 (60%) were using v 8.3 of the Immunization Package
- 6 (60%) reported being contacted by the IIS
- 4 (40%) perform direct data entry into the IIS: 3 in Nevada, 1 in Arizona
- 1 (10%) sends flat file information to the IIS
- 5 (50%) use IIS look-up capability
- 2 (20%) use the BYIM software

Of the 10 sites that responded:

- 7 are interested in IIS participation
- 8 feel it is important to participate in IIS
- All feel look-up capability into the registry is useful
- 9 feel two-way electronic data exchange would be useful
- 4 feel that double data entry is a barrier to participation

Quotes from respondents:

NV – “The facility sees the benefit of immunizations entered into the State Registry. The State Registry does not have capacity for data cross-over into the registry, so all needs double-entry. Very time consuming and not efficient....”

AZ – “Entering immunizations into SIIS, RPMS, on the patient blue vaccine sheet, the patient.... record, and the VFC monthly sheet is time consuming. But, having the SIIS and RPMS record to use when new patients come in with incomplete records is worth it!”