

Utah Statewide Immunization Information System (USIIS) Monthly Report June 2007

User Base

HL7 interface. Granger Medical Clinic began submitting data via HL7. Hats off to the Granger team. To discuss using HL7 for your organization's data load, contact the USIIS team.

User Groups. The Bear River Users Group met June 14th in Logan. Attendees learned about the major product enhancement on which the USIIS team is working. Users received answers to their questions about data categorized as "possibles" and "duplicates." Drug company representation discussed the HPV vaccine.

To locate a USIIS User Group in your region, contact the Immunization Program team.

User Enrollment and Training. June activities included:

- School Districts enrolled & trained: 5
- Schools enrolled & trained: 7
- Day Care Centers enrolled & trained: 2
- Public Clinics enrolled & trained: 0
- Private Providers enrolled & trained: 4
- Refresher training provided: 3

Data and Reports

Birth order effect. Risk factors for low immunization rates include the third or successive child in a family, and, a child whose mother is less than twenty years of age.

Recent USIIS study. If a child is up-to-date with immunizations at 3 months of age, they are six times more likely to be up-to-date at 19-35 months of age.

Data quality. Patient "Middle Name" is a key data element used to match patient records. The more users provide "Middle Name" as part of their patient records, the more accurate USIIS data is for all users.

 Please work within your organization to include "Middle Name" in data files and during Web entry.

System Development

Major product enhancement. The team commenced "alpha" testing, developing test cases and expected results that will be used to ensure the software performs to specifications. This enhancement will improve USIIS data quality by significantly reducing the numbers of duplicate patient records.

Forecast Report bug fix. Patient age calculation was corrected—previously inaccurate for those whose date-of-birth month was the same as the report month.

Web Application

User tip: **Vaccine Inventory list.** This list can be long, making it difficult to find a vaccine. Employ filters to narrow a search by the following methods—use independently or concurrently.

Method I – inventory filters

- Select the "All Inventory" button to display all vaccines ever entered into your inventory.
- Select the "Current Inventory" button to display vaccines that are not expired, deleted or depleted.

Method II – vaccine type filter

- Locate the "Vaccine Type" drop-down list to the right of the Current and All Inventory buttons.
- Scroll to and select the applicable vaccine type to display only vaccines of that type.

Further focus a search by selecting All or Current Inventory, then specifying a Vaccine Type.