Utilizing the South Dakota Immunization Information System (SDIIS) to improve accuracy of the patient Status field and ensure patients have a medical home.
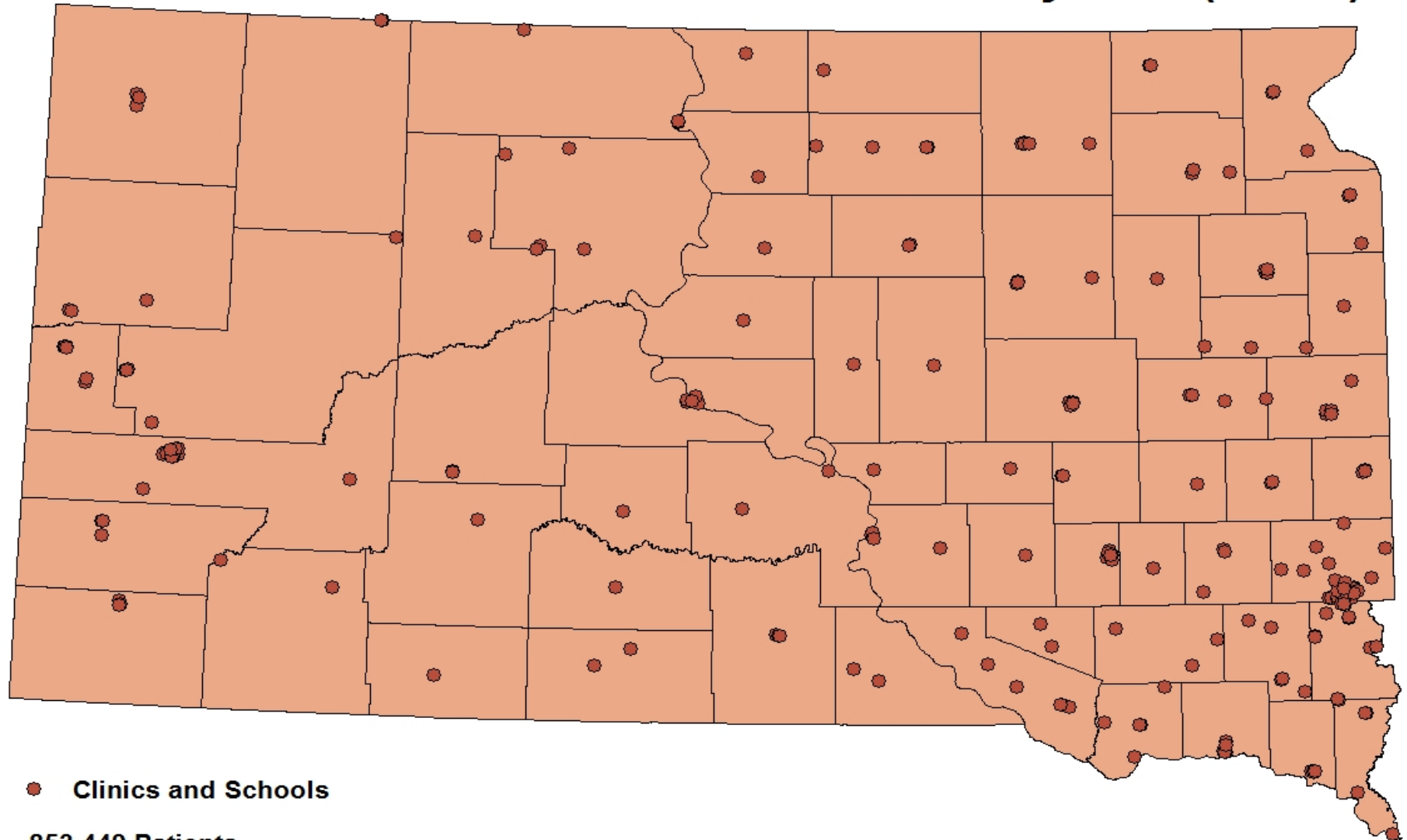
- Tammy LeBeau
- South Dakota Immunization Registry Coordinator
- South Dakota Department of Health
- October 7, 2013

Background

▸ South Dakota Immunization Program Priority: utilize the Statewide Immunization Information System (SDIIS) to improve accuracy of data being entered in the patient status field.

▸ The patient status field is a required field and it is crucial that providers are consistent and accurate when recording data and ensure that no child "falls through the cracks".

▸ The SDIIS has the functionality to produce reports for each clinic and verify the validity of the patient status.

▸ During the AFIX audit the results produced from these reports are discussed with the clinic staff.

Clinics and Schools Utilizing the
South Dakota Immunization Information System (SDIIS)

● **Clinics and Schools**

853,449 Patients
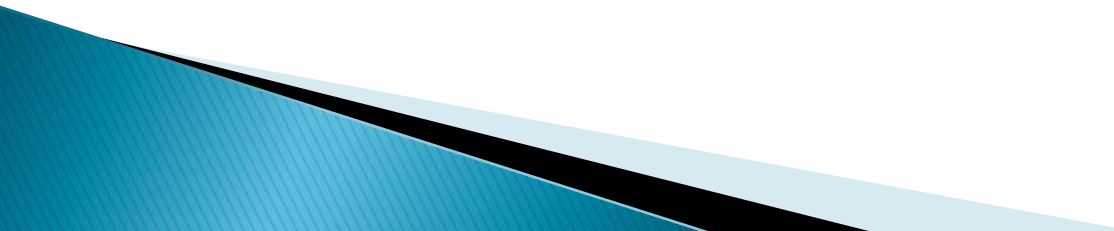**9,115,168 Shots Recorded**
586 Healthcare Facilities

10/1/13

Measurement

- In 2011 "Rules for determining patient ownership of a patient record" were established and the "Patient status" categories were clearly defined.
- The SDIIS was enhanced with a message prompt when users are attempting to change a patient status. (see example)
- Prior to conducting the AFIX audit two specific reports are produced utilizing the SDIIS to measure compliance of the process, specifically targeting the 24-35 month age cohort:
- The patient list "all" report is compared with the patient list "active" report to determine if patients are labeled appropriately.

Rules for Determining Ownership

- If you are providing a one-time or transient service and another clinic or clinics provide routine immunizations to the patient, you **SHOULD NOT** change the immunization home for the patient (**Click NO**).

- If you are updating demographic, or historical information for the patient but do not anticipate providing routine immunizations to the patient in the future, you **SHOULD NOT** change the immunization home for the patient (**Click NO**).

- If you reasonably expect the patient to return to your clinic for ongoing immunizations or if the patient does not receive vaccines at another clinic, you **SHOULD** change the immunization home for the patient (**Click YES**).

- A patient's immunization status or coverage level should **NOT** be considered when determining whether or not you should become his/her immunization home.

Patient Status Definitions

- **Active Clients** – Receiving immunization services in your clinic.
- **Inactive Clients** – Only after 3 documented attempts recorded in the SDIIS notes section that the child has been lost to follow-up.
- **MOGE**– Only clients that have moved out of State fit this category.
- **Records Transferred** – Documentation must be entered as to where the client is receiving their immunization services in the SDIIS notes section.
- **Deceased**
- **Unknown**

Patient Ownership Prompt

Tammy LeBeau
DOB

VACCINE | DATES OF PAST VACCINATIONS

Influenza : 10/02/2013

ADD DETAILS | UPDATE | CANCEL

Your clinic is not currently listed as this patient's immunization home. Should the patient's record be updated to reflect a change in immunization home?

Yes | No

SEARCH PATIENTS
PRINT REPORTS
INVENTORY
MY SETTINGS
CLINIC SETTINGS
MAINTENANCE
TUTORIAL
LOG OUT

SDIIS
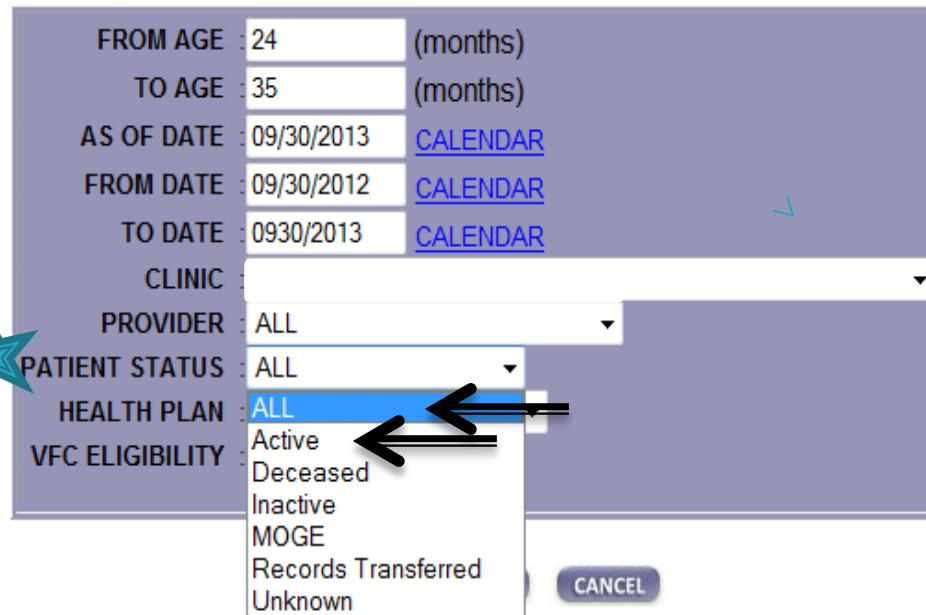South Dakota Immunization Information System

Patient Status Lists: All vs. Active

Patient Status Reports: All vs. Active

GENERATE REPORT

You can generate a report based on a combination of any criteria below

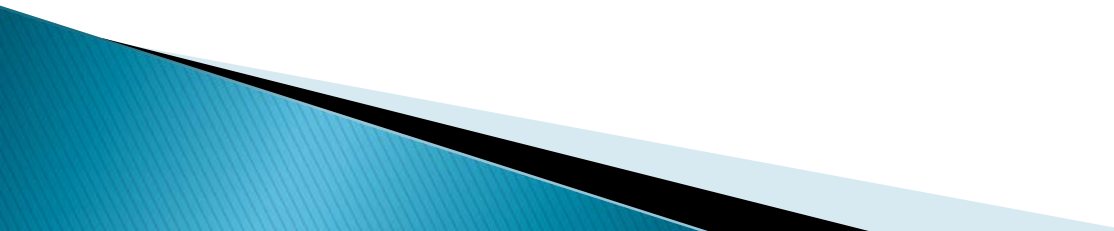|		
FROM AGE :	24	(months)
TO AGE :	35	(months)
AS OF DATE :	09/30/2013	CALENDAR
FROM DATE :	09/30/2012	CALENDAR
TO DATE :	0930/2013	CALENDAR
CLINIC :		
PROVIDER :	ALL	
PATIENT STATUS :	ALL	
HEALTH PLAN :		
VFC ELIGIBILITY :		

ALL
Active
Deceased
Inactive
MOGE
Records Transferred
Unknown

CANCEL

Innovation

- The results identified providers that were changing the patient status field a majority of the time in order to increase immunization coverage rates (produced utilizing the SDIIS).

- Providers seemed more concerned about receiving an award for achieving high immunization rates and less concerned about following through with their patients.

- Providers are encouraged to take responsibility for their patients during the on-site AFIX visit, the inconsistencies in the patient status field reports are discussed.

- "It's not all about high immunization coverage rates, if you are compromising the welfare of your clients".

Effectiveness

- Implementation of the "Rules for determining patient ownership" and clearly defined patient status in the SDIIS has made a significant difference in the accuracy of recording data in the patient status field.

- The patient lists produced from the SDIIS have been a valuable tool in holding providers accountable for their patient records.

We will be known forever by the tracks we leave… – Dakota