



**Performance Note**  
**HB0310 - Utah Statewide**  
**Immunization Information**  
**System Program**  
Sponsor: Rep. Thurston, Norman K



Performance Note Report

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Agency: Department of Health

Funding For:

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Serving a New or Larger Population

Public Benefit:

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**Purpose:** Purpose: Maintain all components of the Utah Statewide Immunization Information System (USIIS) for the utilization by all Utah healthcare providers who administer immunizations and for the utilization by all schools and day care facilities. Duties: - Maintain, enhance and support the USIIS database. - Maintain, enhance and support the USIIS web application. - Maintain, enhance and support USIIS interface infrastructure for data interfaces with Electronic Health Record (EHR) systems used by Utah healthcare providers. - Provide customer support to all public and private healthcare providers and staff who utilize the USIIS web application and/or EHR interfaces to USIIS. - Provide customer support to all schools, school districts and day care facility staff who utilize the USIIS web application. - Provide Utah Immunization Records on request to Utah residents. - Provide Utah School Records to schools, school districts, day care facilities and healthcare providers.

**Services:** - Data storage. - Application servers. - System integrity, confidentiality and availability. - USIIS web application: maintenance, enhancements, authorized access management. - Clinical decision support software (aka immunization forecast). - USIIS interface infrastructure: interface engine, interface software maintenance and enhancements, secure transport mechanisms. - Customer support and advisory assistance for: web application users, EHR interface vendors, and healthcare providers who use EHR interfaces. - Data quality management: consolidation of records, de-duplication of records, and data quality reports and assistance for healthcare providers who report data to USIIS.

**Expected Outcome:** - Increased numbers of healthcare providers reporting data to USIIS, accessing immunization histories of Utah residents and using USIIS to assess appropriate patient care. - More complete immunization histories for Utah residents of all ages. - Improved immunization coverage for Utah residents.

**Implementations and Resources:** - Best practice product management and software development life cycle processes. - UDOH privacy and security policies and procedures. - CDC and AIRA (American Immunization Registry Association) standards and guidelines. - IT resources: \* DTS-hosted database storage \* DTS-hosted application servers \* DTS-provided network and security services \* DTS Application Programmers: 3 - UDOH resources: \* Program Manager: 1 \* Business Analysts: 3.5

**How:** - Provide for increased utilization of the USIIS web application and data interfaces. - Provide customer support for increased numbers of healthcare providers and data interfaces. - Provide for a

larger USIIS data repository. - Provide for the integrity, confidentiality and availability of the system under increasing demand and functionality.

## Performance Measures

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### Goal

Title: Healthcare providers participating in USIIS.

Description: Increase the numbers of healthcare provider facilities (that administer immunizations) reporting data to USIIS.

Collection Method: Collection: queries from the USIIS database. Reliability: USIIS-assigned provider IDs, USIIS-managed provider access. Target/Benchmark below = % of provider facilities that administer immunizations reporting. Baseline below = numbers of provider facilities that administer immunizations reporting

	2017	2018	2019
73	78.00	85.00	90.00
1032	1165.00	1270.00	1375.00

### Goal

Title: Immunization coverage rates for Utah children.

Description: Increase the 4:3:1:3:3:1:4 series immunization coverage rates for Utah children age 19-35 months. (4 DTap, 3 Polio, 1 MMR, 3 Hib, 3 Hep B, 1 Varicella, 4 PCV)

Collection Method: Collection: queries from USIIS database. Reliability: USIIS data management. Target/Benchmark below = % of children with full series coverage. Baseline below = numbers of children with full series coverage.

	2017	2018	2019
61	64.00	68.00	71.00
42320	44500.00	48000.00	50115.00

### Goal

Title: USIIS record completeness

Description: Increase the numbers of Utah children, adolescent and adults with two or more immunizations in USIIS.

Collection Method: Collection: Queries from the USIIS database. Reliability: USIIS data management. Collection: queries from USIIS database. Reliability: USIIS data management. Target/Benchmark below = % of Utahans with 2 or more immunizations in USIIS. Baseline below = numbers (x 100,000) of Utahans with 2 ore more immunizations in USIIS.

	2017	2018	2019
60	70.00	80.00	85.00
17	20.00	24.00	26.00