

CDC Immunization and VAERS Messaging Tools

Executive Summary and Overview

This document describes a set of tools that State Immunization Registries can use to send HL7 messages over the Internet using Secure HTTP (HTTPS).

The tools consist of two complementary sets of tools:

1. **HTTPS Message Receiver**: Java Server Pages to accept and parse HL7 messages containing Immunization and Vaccine Adverse Event Reports (VAERS) information.
2. **Immunization Program**: A Windows program to collect and send HL7 messages containing Immunization and Vaccine Adverse Event Reports (VAERS) information.

The HTTPS Message Receiver is intended for use by State Immunization Registries. Its use provides web pages that can securely receive HL7 message over the Internet. Facilities that are authorized to send vaccination information can be provided with a user id and password to access the web pages and send their message. The Java code accepts and parses the HL7 messages. State Immunization Registries must add the code to integrate the parsed message with their registry database in the appropriate place in the Java code.

The Immunization Program is intended to be freely distributed to health care providers and vendors to facilitate vaccine information collection. This program can easily be configured to send HL7 Immunization message to a State Registry's webpages that use the HTTPS Message Receiver or similar technology.

Both tools are based on an HL7 Visual Message Definition based on the CDC Implementation Guide.

Details on getting and using these tools can be found at:

<http://www.dt7.com/cdc/>

Question should be directed to:

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