Immunization Data from Primary Care Physician to Massachusetts Department of Public Health’s Massachusetts Immunization Information System (MIIS)

**GOAL**
To achieve Meaningful Use 2 objective—submission of electronic data to immunization registry and to meet M.G.L. c. 111, s.24M, which requires all licensed health care providers who administer immunizations to report all immunization data to the Massachusetts Immunization Information System (MIIS)
Organization

Ambulatory Practice and the Massachusetts Department of Public Health

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Trading Partners and Systems

Organization A - ambulatory practice, using EHR interface to submit immunization data to MIIS via the Mass HIway
Organization B – Mass Department of Public Health using MIIS

Data to Exchange

HL7 2.5.1 VXU message from ambulatory practice to Mass DPH
HL7 2.5.1 ACK message from Mass DPH to ambulatory Practice

Story

A provider administers an immunization to a patient and this data is entered into the patient’s record within the practice’s EHR. The EHR then sends this information as an HL7 2.5.1 VXU message to the Massachusetts Immunization Information System (MIIS) at the Massachusetts Department of Public Health via the Mass HIway. The message is sent to MIIS’s Mass HIway Direct address.

MIIS processes the message and determines it was received successfully. At this point an HL7 2.5.1 ACK message is generated and sent back to the ambulatory practice’s EHR to confirm successful receipt of the original message.