Bidirectional data exchange means patient and vaccine data are electronically sent from your EHR to the 11S, matched with records in the 11S, and sent back from the 11S to your EHR.

Bidirectional data exchange with NMSIIS helps ensure your patients are fully immunized!

**How Does it Work?**

- Patient enters clinic to receive a vaccination.
- The physician enters the administered vaccine into the EHR, which updates the patient record in NMSIIS.
- The EHR sends a message to the 11S to find a matching patient record.
- NMSIIS sends a message to the EHR with the patient's full immunization history.

**Benefits of Bidirectional Data Exchange**

- **Saves Time.** Improves Outcomes.
- **Interoperability and Performance Benefits.**
  - Ensures your clinic meets requirements for Stage 3 of the EHR Incentive Program (Meaningful Use).
  - Helps maximize Medicare Merit-Based Incentive Payments (MIPS).
  - Improves success with pay-for-performance and quality improvement efforts.

**Data Integrity**

- Data quality is assessed when data exchange between a provider's EHR and the 11S is set up, and monitored for ongoing data completeness and accuracy.
- NMSIIS has a rigorous process for ensuring patients in the EHR accurately match the patients in the 11S so the correct record is sent back to the EHR.
- Patient vaccines received from multiple sources are carefully matched in the 11S to ensure the record accurately reflects vaccines the patient received, and which vaccines are needed.

**How to Get Started**

Please visit nmhealth.org/about/phd/idb/imp/siis/ for more information.