

Chicago I-CARE Provider Data Quality Report Card

Purpose:

This report provides a snapshot of the quality of immunization data your clinic submits to the IIS (I-CARE), focusing on completeness, validity, and timeliness. Accurate and complete data helps ensure your patients' immunization records are correct, supports public health reporting, and improves clinical decision-making. We encourage you to review this report and work with your EHR vendor and staff to address any issues noted. If CDPH can be of assistance in navigating resolving these errors, please contact us at CDPH.ICARE@cityofchicago.org

How to read it:

- Measures are listed under:
 - **Completeness:** % of records where required fields are filled in (Goal = High %)
 - **Validity:** % of records with data issues/errors (Goal = Low %, ideally <1%)
 - **Timeliness:** % of vaccinations reported within 1 calendar day of administration (Goal = 95% or higher)
 - **Vaccines Administered at Improper Age** – shows invalid doses by reason, for a more in-depth analysis you will run the invalid dose report in I-CARE
- **Column definitions:**
 - Target = The performance goal for that measure.
 - Current Result = Your clinic's current performance, based on data submitted during the report period.

Key Metrics:

1. Completeness
 - % of messages with required fields populated:
 - Patient ZIP Code
 - Ethnicity
 - Race
 - Mother's Maiden Name
 - Next of Kin for Children <18
 - Vaccine eligibility code
 - Vaccine funding source
2. Validity
 - % of records with data errors (target = as low as possible):
 - Improbable vaccination age
 - Invalid or unrecognized codes for administration, route, body site, lot number, or manufacturer
 - Date errors (administered after expiration, before birthdate, etc.)
 - Duplicate or excessive vaccinations
3. Timeliness

- % of vaccinations reported to the IIS within 1 day of administration

What to look for:

- **Completeness:** Aim for high %. Gaps here may indicate missing data from your EHR or workflows.
- **Validity:** Aim for very low % of errors. Issues may indicate data entry mistakes or incorrect EHR setup (e.g., unrecognized codes).
- **Timeliness:** Aim to meet or exceed 95% . Delays in reporting impact record accuracy and public health visibility.

Next steps:

- Review areas where your results fall below target.
- Identify data submission issues needing correction (e.g., missing fields, invalid codes).
- Work with your staff and EHR vendor to improve workflows, data entry, and EHR configuration.
- Ensure timely reporting to help maintain accurate and up-to-date records.
- Attend office hours or request technical assistance if needed.
- Track improvements over time as data quality initiatives are implemented.
- Perform ongoing data quality leveraging the reports available in I-CARE
- Complete Provider Action templates and return to CDPH.ICARE Team
- Reach out to CDPH.ICARE@cityofchicago.org with any questions