

What is the Immunization Information Systems Semi-Annual Report (IISSAR)?

The IISSAR is a semi-annual survey that assesses immunization program performance in developing, maintaining, and enhancing Immunization Information Systems for a given six months. It is a reporting requirement for the immunization programs that receive funding under section 317b of the Public Health Service Act.

A brief note on methods

The IISSAR is a self-reported, self-validated survey administered by the Centers for Disease Control and Prevention (CDC) and answered by immunization program recipients. CDC may contact you with questions after submission to continue data validation.

Changes in 2026

The IISSAR underwent revisions in 2026 to align with the IIS Functional Standards (<https://www.cdc.gov/iis/functional-standards/resource.html>). The survey was reorganized to align with the programmatic goals, which are data quality, interoperability, emergency response, and modernization. The IISSAR does not measure all functional standards or operational guidance statements.

Instructions

- IISSAR Submission Requirements
 - All recipients that conduct IIS activities in their state/city/territory are required to complete this report.
 - Only one Semi-Annual Report will be accepted per IIS. If recipients receive information from other regions or counties in their jurisdiction, the recipient must compile the information into a single report.
 - The Immunization Program Manager or their designee must submit the final IISSAR.
 - The IISSAR is due on **July 31, 2026**; the period of performance is July 1, 2025, through June 30, 2026. CDC staff may contact each IIS after July 31 with questions and/or comments about the report and data submitted.
- General Guidance
 - The term IIS can represent the information system, the program, the people, and/or the processes associated with an IIS.
 - Recipients actively transitioning to a new IIS platform must complete questions 1 through 5 and should consult with their IIS SME to discuss answering other questions.
 - Items reflect a range of topics involving the IIS's live production environment. The production environment refers to the IIS being in operation and available for its intended use by its users.
 - Review the logic guidance in all sections carefully to ensure the accuracy of your responses.
- CDC Contact
 - Contact Lauren Shaw, CDC/NCIRD/IDAB at ILV6@cdc.gov for clarifications on questions and how to answer them.

Resources

- For additional guidance on Patient Active/Inactive Status in Immunization Information Systems, see the AIRA guide here: <https://repository.immregistries.org/resource/management-of-patient-status-in-immunization-information-systems/>.
- The Immunization Information Systems (IIS) Data Quality Blueprint is located here: <https://www.cdc.gov/vaccines/programs/iis/downloads/Data-Quality-Blueprint-508.pdf>.

Contact Information

1. Award Recipient _____
2. Name of person(s) submitting this report _____
3. Programmatic IIS contact person (a manager or administrator who coordinates IIS activities):

a. First Name: _____ e. Phone: _____ f. Ext: _____
b. Last Name: _____ g. Email: _____
c. Title: _____
d. Affiliation: _____

h. Check if this person is a contact for questions about this report

4. Technical IIS contact person (coordinator of IIS software and/or hardware):
 Check if same as programmatic contact

a. First Name: _____ e. Phone: _____ f. Ext: _____
b. Last Name: _____ g. Email: _____
c. Title: _____
d. Affiliation: _____

h. Check if this person is a contact for questions about this report

5. There is no IIS in production in this state/city/territory.

Section A: Data Quality

All recipients must answer questions in this section.

6. During **January through June of 2026**, did the IIS standardize and validate residential addresses as United States Postal Service (USPS) addresses? Yes/No

7. During **January through June of 2026**, did the IIS verify residential addresses to ensure a patient currently resided at the address listed in the patient record? Yes/No

8. During **January through June of 2026**, were IIS data used to generate coverage assessments for provider sites based on user-selected parameters (e.g., patient age, age group, single vaccine or vaccine series, geographic area) that were published in a report shared with providers or other stakeholders within the jurisdiction? Yes/No

- 9a. During **January through June of 2026**, were IIS data used to generate population-based coverage assessments based on user-selected parameters (e.g., patient age, age group, single vaccine or vaccine series, geographic area) that were published to a public facing website? Yes/No
- 9b. If yes, list website where this information is displayed. _____

10. During **January through June of 2026**, did IIS staff produce IIS-generated provider-level coverage assessments based on user-selected criteria? Yes/No

11. During **January through June of 2026**, were providers able to produce IIS-generated coverage assessments for their patient populations based on user-selected criteria? Yes/No

12. During **January through June of 2026**, were IIS data used to generate vaccination coverage assessments based on user-selected parameters (e.g., patient age, age group, single vaccine or vaccine series, geographic area) to identify under-immunized populations? Yes/No

13. During **January through December of 2025**, did the IIS assign deceased status to an individual based on information from vital statistics? Yes/No

Logic Guidance

- Patient status is a field in the IIS to denote the status of a patient. Example statuses: Active, Inactive – No longer a Patient, Inactive – Lost to Follow-Up, Inactive – Unspecified, Deceased.
- Use the table below to identify individuals to include in the questions below.

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born on or before 6/30/2026	Address within jurisdiction	<any>	YES
Active	Born on or before 6/30/2026	Address unknown	Received an immunization from a provider within the jurisdiction	YES
Unknown	Born on or before 6/30/2026	Address unknown	IIS never received vaccination information	YES
Unknown	Born on or before 6/30/2026	Address within jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* *Note that the “extended period of time” could be defined differently by each IIS	YES
Unknown	Born on or before 6/30/2026	Address within jurisdiction OR Address unknown	Received an immunization from a provider within the jurisdiction	YES
Inactive	Born on or before 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born on or before 6/30/2026	<any>	<any>	NO
<any>	Born after 6/30/2026	<any>	<any>	NO

14. Number of individuals of all ages in the jurisdiction that have a demographic record in the IIS. _____

15. Number of individuals of all ages with a patient status field at the provider site level populated with data.

16. Number of individuals of all ages with a patient status field at the jurisdiction level populated with data.

17. During **January through December of 2025**, did the IIS support functionality for providers to generate a roster of their active patients? Yes/No

Notes for Section A: Data Quality	Add relevant notes or comments for responses provided in this section.

Section B: Interoperability

All recipients must answer questions in this section.

18. During **July through December of 2025**, did the IIS exchange data through a Health Information Exchange (HIE)? Yes/No

Logic Guidance

Note: This guidance has changed from the 2024 IISAR.

- Exchange partner – an organization that provides vaccination services or uses vaccination information and that maintains permanent records. Include vaccinating provider offices, non-vaccinating provider offices, and schools. Exclude temporary or mobile immunization clinics, health fairs, etc.
- Registered intent refers to exchange partners that have indicated their intention to onboard but have not yet started the testing process.
- Count physical sites, not individual exchange partners.
- If multiple exchange partners report through a single portal, count each exchange partner separately.
- Count each exchange partner only once in the table.
- Count exchange partners that the IIS intends to move to production or that are already in production.
- Exclude IIS to IIS connections routed through the IZ Gateway.

19. Indicate the number of exchange partners connected with the IIS in production **as of the end of 2025**.

		Number of Exchange Partners
HL7 2.5.1, release 1.5	Both Submission / Acknowledgement and Query / Response (Bidirectional)	
	Other Data Exchange (Unidirectional)	
Other (including HL7 2.3.1 and FHIR)	Both Submission / Acknowledgement and Query / Response (Bidirectional)	
	Other Data Exchange (Unidirectional)	
TOTAL		

20. Indicate the total number of exchange partners in each onboarding category **at the end of 2025**.

Exchange Partner Status	Both Submission / Acknowledgement and Query / Response	Other Data Exchange	TOTAL
Preparing to onboard			
Onboarding: Waiting for the exchange partner to make changes to their system			
Onboarding: in final testing prior to moving to production			
In production			
TOTAL			

21. During **January through December of 2025**, did the IIS actively monitor and evaluate data submitted via electronic data exchange using any of the following activities (select all that apply):

- Developed and/or used tools to monitor and evaluate data exchange with partners and providers
- Established and/or used procedures to monitor and evaluate data exchange with partners and providers
- Set thresholds for the purpose of evaluating data exchange with partners and providers
- Other (specify) _____

22. During **January through December of 2025**, did the IIS use tools and establish procedures to meet targets set by the program for resolving data exchange errors and anomalies? (select all that apply)

- Developed and/or used tools to monitor, troubleshoot, and resolve data exchange errors and anomalies
- Established and/or used procedures to monitor, troubleshoot, and resolve data exchange errors and anomalies
- Set thresholds for the time to resolving errors and anomalies
- Other (specify) _____

Notes for Section B: Interoperability	Add relevant notes or comments for responses provided in this section, including context to explain the interoperability landscape in the jurisdiction (e.g., hospitals closing, provider offices merging).

Section C: Emergency Response

All recipients must answer questions in this section.

23. During **January through December of 2025**, the IIS supported emergency response efforts (check all that apply):

In an actual response. {Briefly describe the response and the role the IIS played.
_____ }

In an emergency response drill or tabletop exercise.

The IIS did not support emergency response efforts.

24. During **January through December of 2025**, did the IIS offer training on vaccine-preventable disease outbreak response and other public health emergencies? Yes/No

25. During **January through December of 2025**, did the IIS support functionality for offline documentation (e.g., digital or paper form with information added into the IIS later) of vaccine administration? Yes/No

26. During **January through December of 2025**, did the IIS have functionality for scheduling vaccination appointments in support of emergency responses? (Select all that apply.)

Functionality built within the IIS

Functionality available via VAMS (Vaccine Administration Management System)

Functionality available via another tool or module in the IIS (specify) _____

The IIS does not have vaccination appointment scheduling

Notes for Section C: Emergency Response	Add relevant notes or comments for responses provided in this section.

Section D: Modernization

All recipients must answer questions in this section.

Logic Guidance

- If an activity was completed or occurred outside the reporting period, chose not undertaken.

27. Provide a status of modernization activities conducted during **January through June of 2026** and indicate whether PHIG (Public Health Infrastructure Grant) funding was used for each.

Modernization Activity	Status	The IIS used PHIG funding to support progress in this area
Transition to a new IIS platform	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No
Add modules to support additional functionality (e.g., mass vaccination module, consumer portal)	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No
Upgrade functionality to IIS to improve data quality (e.g., patient matching and demographic record deduplication; automated data cleansing)	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No
Update the IIS architecture (e.g., new database)	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No
Modernize the IIS code to adhere to industry best practices	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No
Upgrade data exchange interfaces	<ul style="list-style-type: none">• Not undertaken• In progress• Completed	<ul style="list-style-type: none">• Yes• No

Modernization Activity	Status	The IIS used PHIG funding to support progress in this area
Enhance IIS documentation	<ul style="list-style-type: none"> • Not undertaken • In progress • Completed 	<ul style="list-style-type: none"> • Yes • No
Enhance training materials and delivery	<ul style="list-style-type: none"> • Not undertaken • In progress • Completed 	<ul style="list-style-type: none"> • Yes • No
Comply with 508 standards	<ul style="list-style-type: none"> • Not undertaken • In progress • Completed 	<ul style="list-style-type: none"> • Yes • No
Other (specify) _____	<ul style="list-style-type: none"> • Not undertaken • In progress • Completed 	<ul style="list-style-type: none"> • Yes • No

Notes for Section D: Modernization	Add relevant notes or comments for responses provided in this section.

Section E: Data Quality for Jurisdictions that Did not Submit 1Q 2026 Line Level Data

Recipients that did not submit first quarter 2026 line level data to CDC must answer questions in this section.

Logic Guidance

- “Complete” means the field is populated with a valid value.
- Use the table below to identify individuals to include in the questions below.

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born on or before 6/30/2026	Address in jurisdiction	<any>	YES
Active	Born on or before 6/30/2026	Address unknown	Received an immunization from a provider within the jurisdiction	YES
Unknown	Born on or before 6/30/2026	Address unknown	IIS never received vaccination information	YES
Unknown	Born on or before 6/30/2026	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* *Note that the “extended period of time” could be defined differently by each IIS	YES
Inactive	Born on or before 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born on or before 6/30/2026	<any>	<any>	NO
<any>	Born after 6/30/2026	<any>	<any>	NO

28. Number of individuals of all ages in the jurisdiction that have a demographic record in the IIS. _____

29. Number of individuals of all ages with a complete date of birth (DOB) field in the IIS. _____

30. Number of individuals of all ages with a complete sex field in the IIS. _____

31. Number of individuals of all ages with a complete race field in the IIS. _____

32. Number of individuals of all ages with a race field populated with a value that is not “other”, “unknown”, or “missing” in the IIS. _____

33. Number of individuals of all ages with a complete ethnicity field in the IIS. _____

Logic Guidance

- “Complete” means the field is populated with a valid value.
- Use the table below to identify the appropriate vaccination records to include in the questions below.

General vaccination inclusions/exclusions	Include?
Doses that were administered before July 1, 2026, including those recorded after June 30, 2026	YES
All doses (valid and invalid)	YES
Historical vaccinations (vaccination information submitted to the IIS by a provider that did not administer that vaccination)	YES

34. Number of vaccination records in the IIS. _____

35. Number of vaccination records for all doses with a complete CVX field in the IIS. _____

36. Number of vaccination records for all doses with a complete vaccination date field in the IIS. _____

Logic Guidance

- Use the table below to identify newborns to include in the assessment:

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
<any>	Born 1/1/2026 through 6/30/2026	Known to reside in jurisdiction at time of query, regardless of residence at time of birth	<any>	Yes
Active	Born 1/1/2026 through 6/30/2026	Address in jurisdiction	<any>	YES
Active	Born 1/1/2026 through 6/30/2026	Address unknown	Received an immunization from a provider organization within the jurisdiction	YES
Unknown	Born 1/1/2026 through 6/30/2026	Address unknown	IIS has never received vaccination information	YES
Unknown	Born 1/1/2026 through 6/30/2026	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* * Note that the “extended period of time” could be defined differently by each IIS	YES
Inactive	Born 1/1/2026 through 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born 1/1/2026 through 6/30/2026	<any>	<any>	NO
<any>	Born before 1/1/2026 or after 6/30/2026	<any>	<any>	NO

37. Number of patient records created in your IIS from all sources for children born from January 1 through June 30, 2026 who resided in your jurisdiction at the time of query. _____

Logic Guidance

- Notes on Days:
 - Day 0 refers to the date of birth.
 - Days listed refer to calendar days.
- Use the table below to identify newborns to include in the assessment:

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born 1/1/2026 through 6/30/2026	Address in jurisdiction	<any>	YES
Active	Born 1/1/2026 through 6/30/2026	Address unknown	Received an immunization from a provider organization within the jurisdiction	YES
Unknown	Born 1/1/2026 through 6/30/2026	Address unknown	IIS has never received vaccination information	YES
Unknown	Born 1/1/2026 through 6/30/2026	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* * Note that the “extended period of time” could be defined differently by each IIS	YES
Inactive	Born 1/1/2026 through 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born 1/1/2026 through 6/30/2026	<any>	<any>	NO
<any>	Born before 1/1/2026 or after 6/30/2026	<any>	<any>	NO

38. For children born **January 1 through June 30, 2026** in your IIS’s jurisdiction, what number had a demographic record established in your IIS within 30 days after birth? _____

Logic Guidance

- Notes on timeliness:
 - The period of timeliness corresponds to the time between the date of administration of the vaccine dose indicated on the vaccination record and the date the vaccination record was posted to production in your IIS.
 - Within 1 day of administration includes does report the same day and the day after administration.
- Use the table below to identify individuals to include in the assessment:

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born 6/30/2026 or earlier	Address in jurisdiction	<any>	YES
Active	Born 6/30/2026 or earlier	Address unknown	Received an immunization from a provider organization within the jurisdiction	YES
Unknown	Born 6/30/2026 or earlier	Address unknown	IIS has never received vaccination information	NO
Unknown	Born 6/30/2026 or earlier	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* * Note that the “extended period of time” could be defined differently by each IIS	YES
Inactive	Born 6/30/2026 or earlier	Address not in jurisdiction	<any>	NO
Deceased	Born 6/30/2026 or earlier	<any>	<any>	NO
<any>	Born after 6/30/2026	<any>	<any>	NO

- After identifying individuals in the table above, use this table to determine the appropriate vaccination records to include in the assessment:

General vaccination inclusions/exclusions	Include?
Doses that were administered before July 1, 2026, including those recorded after June 30, 2026	YES
All doses (valid and invalid)	YES
Travel vaccines (yellow fever, typhoid, etc.) See: http://wwwnc.cdc.gov/travel/page/yellowbook-home	NO
Historical vaccinations (vaccination information submitted to your IIS by a provider that did not administer that vaccination)	NO
Other non-vaccine products (e.g. immune globulins, PPD)	NO

39. For vaccinations administered in from **January 1 through June 30, 2026** to individuals of all ages in your IIS, what is the number of vaccine doses posted to production to your IIS within 1 day of administration? _____

Logic Guidance

- Use the table below to identify newborns to include in the assessment:

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born on or before 6/30/2026	Address in jurisdiction	<any>	YES
Active	Born on or before 6/30/2026	Address unknown	Received an immunization from a provider organization within the jurisdiction	YES
Unknown	Born on or before 6/30/2026	Address unknown	IIS has never received vaccination information	YES
Unknown	Born on or before 6/30/2026	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* * Note that the “extended period of time” could be defined differently by each IIS	YES
Unknown	Born on or before 6/30/2026	Address in jurisdiction OR Address unknown	Received an immunization from a provider organization within the jurisdiction	YES
Inactive	Born on or before 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born on or before 6/30/2026	<any>	<any>	NO
<any>	Born after 6/30/2026	<any>	<any>	NO

40. Number of individuals of all ages (**born on or before June 30, 2026**) in both your jurisdiction AND IIS at the time of query. _____

Logic Guidance

- **Provider Site:** A provider organization that provides vaccination services and that maintains permanent records (excluding temporary or mobile immunization clinics, health fairs, etc.).
- **Enrolled:** A provider site is considered enrolled if it is in your IIS and has achieved a live interface or is manually entering data to the IIS.
- All provider sites enrolled in VFC as of June 30, 2026 should be counted as a VFC site.
- Use the table below to identify provider sites to include in the assessment

General provider site inclusions/exclusions	Include?
All provider sites enrolled in your IIS, regardless of age group served by those sites or your IIS	YES
All provider sites enrolled in your IIS as of December 31, 2025	YES
Provider sites that are physically located outside your jurisdiction	NO

- The denominator for VFC sites will be taken directly from the Provider Education Assessment and Reporting (PEAR) System.

41. Indicate the number of provider sites in the categories below.

	VFC Sites	Non-VFC Sites
Number of provider sites in your jurisdiction enrolled in your IIS as of December 31, 2025 .		
Number of enrolled provider sites reporting data to your IIS at least once from July 1, 2025 – December 31, 2025 .		

Logic Guidance

- Use the table below to identify the appropriate vaccination records to include in the question below.

General vaccination inclusions/exclusions	Include?
Doses that were administered before July 1, 2026, including those recorded after June 30, 2026	YES
All doses (valid and invalid)	YES
Historical vaccinations (vaccination information submitted to your IIS by a provider that did not administer that vaccination)	NO

42. Number of vaccination records for doses administered between during **January through June of 2026** in your IIS. _____

43. Number of vaccination records for doses administered between during **January through June of 2026** with a IIS validity of “valid” or “invalid” in your IIS. _____

Logic Guidance

- If VFC / awardee program eligibility is stored in the IIS at the vaccination event/visit level and not translated by the IIS to each unique administered dose, answer “0” for the number of records that have a value for “vaccination-level eligibility”.

- Use the table below to identify individuals whose vaccines to include in the question below.

Jurisdictional Patient Status	Age	Residence	Immunization History	Include?
Active	Born 6/30/2008 through 6/30/2026	Address in jurisdiction	<any>	YES
Active	Born 6/30/2008 through 6/30/2026	Address unknown	Received an immunization from a provider within the jurisdiction	YES
Unknown	Born 6/30/2008 through 6/30/2026	Address unknown	IIS never received vaccination information	NO
Unknown	Born 6/30/2008 through 6/30/2026	Address in jurisdiction OR Address unknown	IIS has not received immunization information for an extended period of time* *Note that the “extended period of time” could be defined differently by each IIS	YES
Inactive	Born 6/30/2008 through 6/30/2026	Address not in jurisdiction	<any>	NO
Deceased	Born 6/30/2008 through 6/30/2026	<any>	<any>	NO
<any>	Born before 6/30/2008 or after 6/30/2026	<any>	<any>	NO

- After identifying children using the table above, use this table to identify which vaccination records to include in the question below.

General vaccination inclusions/exclusions	Include?
Both valid and invalid doses	YES
Doses administered between January 1, 2026 and June 30, 2026, including those recorded after June 30, 2026	YES
Historical doses	NO

44. Number of vaccination records for individuals ages 0-18 years. _____

45. Number of vaccination records for individuals ages 0-18 with a vaccination-level eligibility field populated with a value that is not “unknown eligibility” or “missing” in the IIS. _____

Notes for Section E: Data Quality for Jurisdictions	Add relevant notes or comments for responses provided in this section.
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that Did not Submit 1Q 2026 Line Level Data	