



ImmsLink Flat File Support and Guidance

STC supports flat file submission for reporting compliance for clients that do not currently have the technical capability to call the ImmsLink Web Service through either a direct integration or an integration with an existing partner/vendor. Files may be sent either with headers or without headers; however, headers are recommended to ensure accurate field mapping.

The following formats are accepted:

- CSV (RFC 4180 Standard): Note – this is a CSV file as generated by Excel, i.e. fields are delimited by commas, fields containing commas are enclosed in quotes, etc.
- Delimited file using pipe (|) as the field separator.

Flat file imports support a subset of the fields available via Web Service. The table below lists the supported fields. Any field that is in the table below and available in the sending system should be sent. Fields marked by an asterisk (*) may not be available in systems that do not have extended immunization functionality; lack of one or more of these fields may be problematic in some jurisdictions; contact immslinksupport@stchome.com with a list of unavailable fields for jurisdiction-specific guidance.

If a field is unavailable in the sending system, it can be omitted from the file. Additionally, the following table lists the preferred field order but a custom field order will be accepted. For fields with a Y in the mapping field, if the list of values used differs from the value set identified as natively supported, please send the code list that will be used to immslinksupport@stchome.com.

| Property | Type (len) | Required? | Mapped? | Description |
|-----------------------|-------------|-----------|---------|---|
| Medical Record Number | string (15) | Y | | Patient's identifier within the sending system. Must be unique and consistent (specifically: unique across all records for the sending entity, including for separate locations; consistent such that if a patient receives two vaccinations on different days, the second vaccination will be sent with the same medicalRecordNumber). |
| Patient First Name | string (30) | Y | | Individual's first name. |
| Patient Middle Name | string (30) | | | Individual's middle name. Registries use this field for matching patient names so this field should be included when available. |
| Patient Last Name | string (50) | Y | | Individual's last name. |
| Date of Birth | datetime | Y | | Patient's birthdate. |
| Sex | string (1) | Y | | Patient's sex. Allowed values are: M – male |



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| | | | | F – female U – unknown |
| Street Address 1 | string (120) | Y | | Street address component of the address. |
| Street Address 2 | string (120) | Y | | Street address component of the address. |
| City | string (50) | Y | | City component of the address. |
| State | string (50) | Y | | State component of the address. Use USPS two-character codes for USA addresses (code list). |
| Zip Code | string (12) | Y | | Zip code component of the address. |
| Phone Number | string (10) | | | 10-digit phone number. |
| Email Address | string (199) | | | Patient's email address. |
| Patient Race | string (250) | * | Y | Patient's self-reported race. This is required for UpdateHistory in some jurisdictions. ImmsLink natively supports registry-recognized values (code list) and can map to locally-defined values. |
| Patient Ethnicity | string (250) | * | Y | Patient's self-reported ethnicity. This is required for UpdateHistory in some jurisdictions. ImmsLink natively supports registry-recognized values: <ul style="list-style-type: none"> • 2135-2 (Hispanic or Latino) • 2186-5 (Not Hispanic or Latino) Locally-defined values can be mapped. |
| Mother Maiden Name | string (50) | * | | Patient's mother's maiden name. This field is required in some jurisdictions, and is used in many jurisdictions to match patients. It is highly recommended to include it when available. |
| Guardian First Name | string (30) | * | | Guardian's first name. |
| Guardian Last Name | string (50) | * | | Guardian's last name. |
| Guardian Relationship | string (250) | * | Y | Guardian's relationship to patient. ImmsLink will translate any code set to registry-recognized values. ImmsLink natively supports FTH, MTH, GRD and SLF as a subset of relationship type (code list). |
| Protection Indicator | boolean | | | Indicator of whether patient wishes to protect (not share) immunization data (true = protect, do not share). |



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| | | | | Jurisdictions have varying laws respecting this indicator. Required in some states; see the ImmsLink Implementation Guide Consent Supplement for further information on which states require this field. |
| Protection Indicator Date | datetime | | | Effective date of patient's protection indicator. If protection indicator is sent, this field should be sent (can be date of immunization). |
| Insurance Company Id | string (250) | | Y | Identifier of the insurance company. ImmsLink will translate any code set to registry-recognized values. ImmsLink native supports NAIC values recognized by the states that utilize insurance. Unsupported values are defaulted to unknown. Required in: Idaho, Massachusetts, New Hampshire, New Mexico. |
| Insurance Policy Number | string (15) | | | Insurance policy number for insured and Medicaid/Medicare patients. |
| Vaccine Code | string (250) | Y | Y | Identifies the vaccine given. NDC Number is acceptable for the vaccine code. |
| Immunization Date | datetime | Y | | Date the vaccination was given. |
| Location Id | string (20) | Y | Y | Id of the location where the vaccination was given. |
| Lot Number | string | * | | Vaccine's lot number. |
| Manufacturer Code | string (250) | Y | Y | Vaccine's manufacturer. NDC Number is acceptable for the vaccine code; this field does not need to be sent twice (NDC can be sent in one column and will be applied to both Vaccine Code and Manufacturer). |
| Expiration Date | datetime | * | | Vaccine's expiration date. |
| Dose Amount | string (20) | * | | Vaccine's dose amount, e.g. 0.5. This field is the volume (not the unit of sale). |
| Dose Unit of Measure | string (50) | * | | Unit of measure for the vaccine dose amount, e.g. mL. |
| Administered By Id | string (15) | * | | Id for the individual administering vaccination. |
| Administered By First Name | string (30) | * | | First name of the individual administering vaccination. |



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| Administered By Last Name | string (50) | * | | Last name of the individual administering vaccination. |
| Anatomical Site | string (250) | * | Y | Identifies the site (e.g. left arm) where the vaccination was administered. ImmsLink natively supports registry-recognized values (code list) and can map to locally-defined values. |
| Anatomical Route | string (250) | * | Y | Identifies the route (e.g. intramuscular) through which the vaccination was administered. ImmsLink natively supports registry-recognized values (ID, IM, IV, PO, SC, TD) from the administration route code list and can map to locally-defined values. |
| VIS Given Date | datetime | * | | Date the patient was given the VIS statement. |
| VIS Statement Date | datetime | * | | VIS statement's edition date |
| Order Number | string (199) | Y | | Order number for provider's orders for this immunization. This number will provide a reference number to uniquely identify the vaccination for any support questions. |
| Prescribed By Id | string (15) | Y | | Id for individual who signed the orders for this patient. |
| Prescribed By First Name | string (30) | Y | | First name of individual who signed the orders for this patient. |
| Prescribed By Last Name | string (50) | Y | | Last name of individual who signed the orders for this patient. |