



# DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Person Immunizations

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## DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Person Immunizations

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### Summary

This entity captures the immunization details for a person.

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### Object Triggering Logic

Action	Business Rule(s)
Post	<p>When a student has an Immunization saved.</p> <ul style="list-style-type: none"><li>• Do not send a record when one of the following exclusions is present:<ul style="list-style-type: none"><li>○ Student State ID is NULL</li><li>○ Enrollment State Exclude</li><li>○ Calendar Exclude</li><li>○ Grade Level Exclude</li><li>○ School Exclude</li><li>○ Vaccine Code is not mapped to an Ed-Fi Code</li></ul></li></ul>

Delete /Post	A DELETE / POST will be performed if the data element being altered is part of the resource's natural key. A PUT will be performed otherwise.
Put	<ul style="list-style-type: none"><li>• When the following information is changed on Screenings:<ul style="list-style-type: none"><li>◦ Immunization ID (New Immunization)</li><li>◦ Shot Date</li><li>◦ Date</li><li>◦ Waiver</li></ul></li><li>• When the following information is changed on Enrollment:<ul style="list-style-type: none"><li>◦ State Exclude</li></ul></li><li>• When the following information is changed on Demographics:<ul style="list-style-type: none"><li>◦ Student State ID</li></ul></li></ul>
Delete	<ul style="list-style-type: none"><li>• When an Immunization is deleted.</li><li>• When the student is now excluded in some way.</li></ul>

### Required Resources (Upstream)

The following resources must be sent prior to this resource:

- Person
  - Students
  - Student School Associations
- 

### Dependent Resources (Downstream)

The following resources are dependent on this resource (must be sent after this resource):

- N/A
- 

### Error Log

The following are potential Tier 1 (Ed-Fi API generated) or custom (Campus generated) errors you may receive when posting, updating, or deleting this resource. Please keep in mind that the "Error Message" below may not match your exact error message.

Error Message	Possible Causes / How to Fix

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## Object Data Elements Logic

Data element labels below in **BOLD** are part of the natural key of this resource and are required data elements for the record to send through Ed-Fi.

- The Mandatory / Conditional / Optional column indicates what the state requires for each data element.

	Data Element Label	Business Rule(s)	Mandatory (M) Conditional (C) Optional (O)	Data Source GUI Path	Database Field	Uses Template Logic (✓ / ✗ / EXT)
1	<b>immunizationDescriptor</b> ( <i>string</i> )	<p><i>Defines the codes that identify the immunization shot.</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for <b>Vaccine Code</b>.</p> <ul style="list-style-type: none"> <li>If the code was imported into Campus (defined by VaccineShot .imported = 1), append <b>-D</b> to the Ed-Fi Code being sent. <ul style="list-style-type: none"> <li>This override only applies when the standard Ed-Fi mapping for the vaccine reporting does not already have the DHSS namespace ( <i>uri://dhss.delaware.gov/</i> ).</li> <li>Example: If the Vaccine Code was imported into Campus and was mapped to the code "ADEN," we would report it as "ADEN-D".</li> </ul> </li> </ul>	M	Immunizations	VaccineShot .vaccineID  VaccineShot .imported	EXT

2	<b>immunizationDate</b> ( <i>date</i> )	<p><i>Indicates the date of the immunization.</i></p> <hr/> <p>Reports the <b>Shot Date</b>.</p> <ul style="list-style-type: none"> <li>If reporting from a vaccine exception (waiver), reports the <b>Date</b>.</li> </ul>	M	Immunizations	VaccineShot .date  (Same DB value for both fields)	EXT
3	<b>personReference</b> ( <i>reference</i> )	<p><i>A reference to the People resource associated with the Person Immunization being reported.</i></p> <hr/> <p>Reports the fields that are part of the Natural Key for the People resource.</p>	M	N/A	N/A	EXT
4	<b>immunizationExemptReasonDescriptor</b> ( <i>string</i> )	<p><i>Defines the reasons a person is exempt from an immunization.</i></p> <hr/> <p>Reports the Ed-Fi Code mapped to the value selected for <b>Waiver</b>.</p> <ul style="list-style-type: none"> <li>Do not report if NULL.</li> </ul>	C	Immunizations	VaccineShot .exempt	EXT

## Appendix