DE Ed-Fi Suite v3.6.2, Data Standard v4.0: Person Medication Box Associations

February 2025

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Table of Contents

Summary

This association indicates a medication from a box issued to a person.

Object Triggering Logic

Action	Business Rule(s)
Post	When a Medication is saved on a student and the Medication End Date is NULL or within the configuration year. • A record is not reported when any of the following exclusions are present: ◦ Student State ID is NULL ◦ Enrollment State Exclude ◦ Calendar Exclude ◦ Grade Level Exclude ◦ School Exclude

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	- When the following information is changed on Medications: - Medication ID (New Medication) - Required Medication - End Date - When the following information is changed on Office Visits: - Medication Doses - Date - Time - When the following information is changed on Enrollment: - State Exclude - When the following information is changed on Demographics: - Student State ID
Delete	- When a Medication is deleted from a student. - When the Medication End Date is outside of the configuration year. - When the student is now excluded in some way.

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Required Resources (Upstream)

The following resources must be sent prior to this resource:

- People
- Students
- Student School Associations
- Medication Boxes

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

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	**medicationBoxReference** (*reference*)	*A reference to the Medication Box resource associated with the Person Medication Box Association being reported.* Reports the fields that are part of the Natural Key for the Medication Boxes resource.	M	N/A	N/A	EXT
2	**personReference** (*reference*)	*A reference to the People resource associated with the Person Medication Box Association being reported.* Reports the fields that are part of the Natural Key for the People resource.	M	N/A	N/A	EXT

| 3 | issues (*array*) | *An unordered collection of personMedicationBoxAssociationIssues. Collection of issue times.*

Reports the below data elements in an array:

• issueDate
  ○ Reports the **Date** and **Time** of each Office Visit where the student had the associated Medication administered through a Medication Dose.
    ■ Time will be converted to Coordinated Universal Time (UTC).
  ○ Only reports for Office Visits where the Date was within the current configuration year. | M | Medications | MedicationDose. visitID
HealthVisit. timestamp | EXT |
| 4 | medicationRequired (*boolean*) | *Indicates if medication is required.*

• Reports **True** if **Required Medication** is checked.
• Reports **False** in all other situations. | M | Medications | Medication. medRequired | EXT |

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Appendix

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