

# Weekly Wave

Data & Information Systems



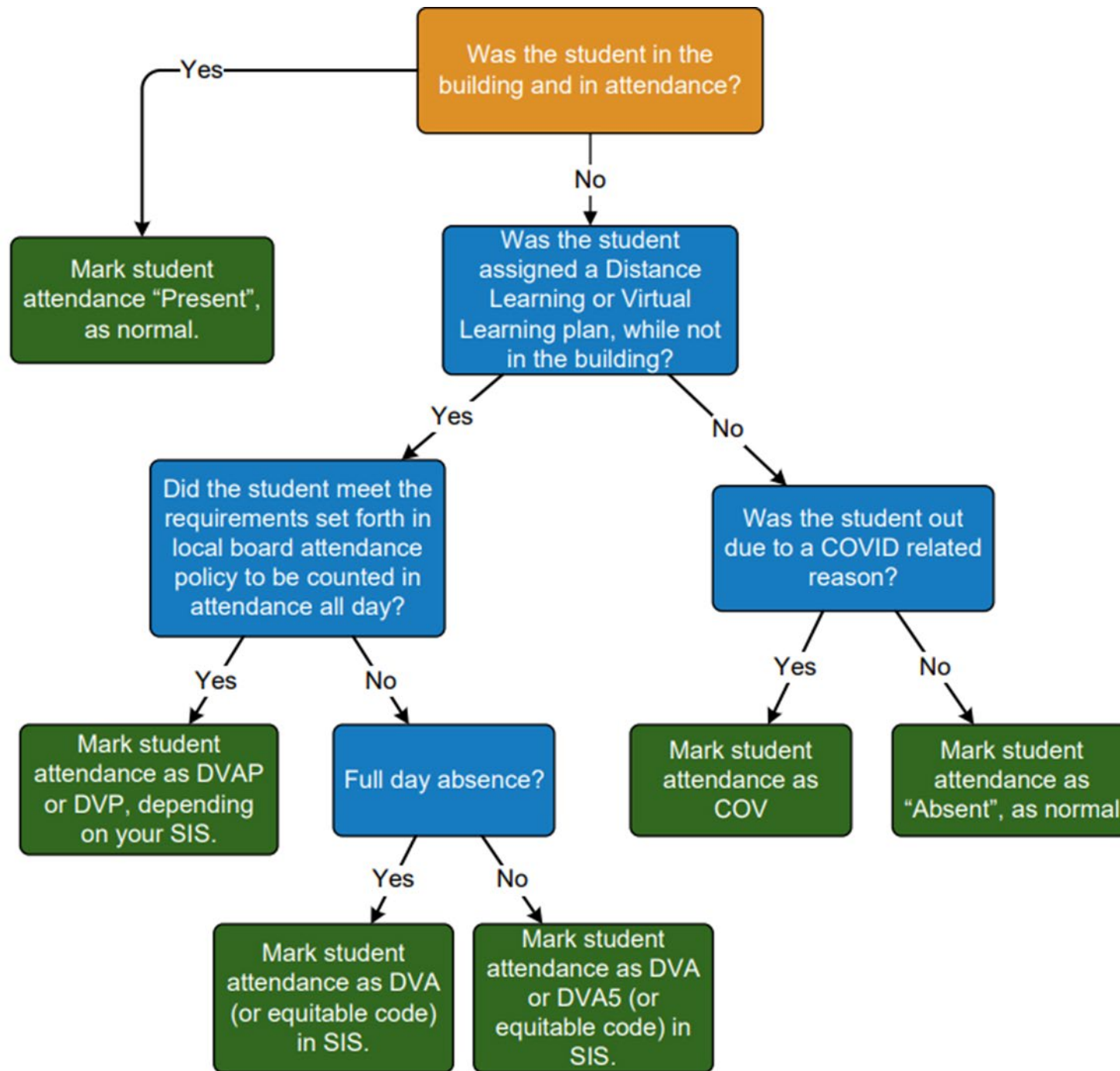
**OKLAHOMA**  
Education



# Follow up

- Dropout Report in the Wave will open soon
  - Training will be given before hand
- COVID and Absences
  - Quarantined students are medically absent, not absent without excuse

# Follow up



# Follow up

- COVID and Absences
  - Questions, contact [StudentDataInfo@sde.ok.gov](mailto:StudentDataInfo@sde.ok.gov)

# Reminder

- STN System
  - Press Continue

## Transfer

- You need to update your account before accessing this application.
- Update your account by clicking on 'Your Account' on the left.
- You must update the items that are **Missing** before you can continue.

[Continue](#)

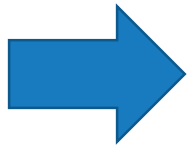
# Reminder

- STN System
  - Press Continue

## Transfer

- You need to update your account before accessing this application.
- Update your account by clicking on 'Your Account' on the left.
- You must update the items that are **Missing** before you can continue.

[Continue](#)



# Reminder

- Wave -> District Tab ->
  - Data Validation Wizard : <https://vimeo.com/72759624>
  - XSD Wizard

# Reminder

- XSD Wizard: Errors on information that do not meet data minimum requirements



# Reminder

- XSD Wizard: Errors on information that do not meet data minimum requirements
  - Example:
    - Requirement: School Type must be a 4 digit number if sent.
    - Received from Student Information System: School Type = “ “

# Reminder

- Why is it not in the Data Validation Wizard?
  - Data was sent but was not a number
- School Type = 9999 = **Data Validation Error**
- School Type = “ “ = **XSD Error**

# Reminder

- XSD Wizard: Errors on information that do not meet data minimum requirements

<b>Error/Issues</b>	
STN Wizard	0
Ownership Wizard	17
Data Validation Wizard	151
XSD Validation Wizard	0

# Reminder

- XSD Wizard: Errors on information that do not meet data minimum requirements

<b>Error/Issues</b>	
STN Wizard	0
Ownership Wizard	17
Data Validation Wizard	151
XSD Validation Wizard	0

# Reminder

- XSD Wizard
  - Full View

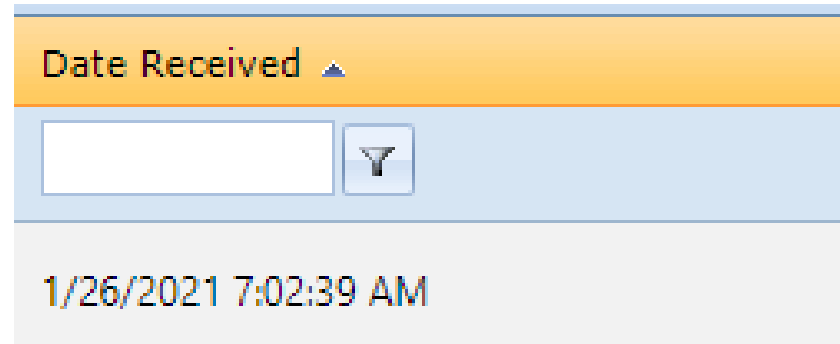
## Results

Below is the complete list of XSD Validation Errors. The Date Received refers to the date the message was received by the Wave. The Object Type identifies which of the objects collected by the Wave failed (note: this is not always available). The Error Description identifies what caused the message to fail. Clicking View SIF XML will display the SIF XML Message that failed.

Date Received ▲	Object Type	Error Description	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1/26/2021 7:02:39 AM	SchoolInfo	Line #18 Position #10 The 'http://www.sifinfo.org/infrastructure/2.x:SchoolType' element is invalid - The value '' is invalid according to its datatype 'http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType' - The Enumeration constraint failed.	<a href="#">View SIF XML</a>

# Reminder

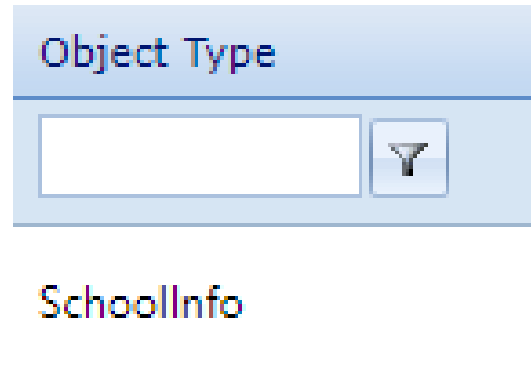
- XSD Wizard
  - Date Received: The date the error was caught by the Wave



The image shows a screenshot of a software interface. At the top, there is a yellow header bar with the text "Date Received" and a small upward-pointing triangle. Below this is a light blue bar containing a white input field, a filter icon (a square with a downward-pointing triangle), and a small square icon. The bottom section is a light gray bar displaying the date and time "1/26/2021 7:02:39 AM".

# Reminder

- XSD Wizard
  - Object Type: The type of information collected



The image shows a screenshot of a software dialog box titled "Object Type". The dialog has a light blue header with the text "Object Type". Below the header is a white text input field that is currently empty. To the right of the input field is a small square button with a downward-pointing arrow icon. Below the input field and button, the text "SchoolInfo" is displayed. A horizontal line is drawn below the text "SchoolInfo".

# Reminder

- XSD Wizard
  - Error Description: Exact location of the error in the XML. Also shows what is received
    - XML is a generic data format

Error Description

Line #18 Position #10 The '<http://www.sifinfo.org/infrastructure/2.x:SchoolType>' element is invalid - The value "" is invalid according to its datatype '<http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType>' - The Enumeration constraint failed.



# Reminder

- XSD Wizard
  - Error Description: Exact location of the error in the XML. Also shows what is received
    - XML is a generic data format

## Error Description



Line #18 Position #10 The 'http://www.sifinfo.org/infrastructure/2.x:SchoolType' element is invalid - The value " is invalid according to its datatype 'http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType' - The Enumeration constraint failed.

# Reminder

- XSD Wizard
  - View SIF XML

---

View SIF XML

---

# Reminder

- XSD Wizard
  - View SIF XML

This XML file does not appear to have any style information associated with it. The document tree is shown below.

---

```
▼<SIF_Message xmlns="http://www.sifinfo.org/infrastructure/2.x" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="2.0r1">
  ▼<SIF_Response>
    ▼<SIF_Header>
      <SIF_MsgId>MESSAGE ID</SIF_MsgId>
      <SIF_Timestamp>2021-01-26T07:01:43-06:00</SIF_Timestamp>
      <SIF_SourceId>DISTRICT SIS</SIF_SourceId>
      <SIF_DestinationId>THE WAVE</SIF_DestinationId>
    </SIF_Header>
    <SIF_RequestMsgId>MESSAGE ID</SIF_RequestMsgId>
    <SIF_PacketNumber>1</SIF_PacketNumber>
    <SIF_MorePackets>No</SIF_MorePackets>
```

# Reminder

- XSD Wizard
  - Two methods to correct
    1. Right click to open the “save as” box
      - Save As: XML Document
      - Send XML + Error Description to SIS vendor for review
    2. Copy the entire message
      - Open in text editor (Notepad++, Notepad)
      - Find the error
      - Correct in SIS

# Reminder

- If opened in Notepad ++

Error Description

Line #18 Position #10 The 'http://www.sifinfo.org/infrastructure/2.x:SchoolType' element is invalid - The value "" is invalid according to its datatype 'http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType' - The Enumeration constraint failed.

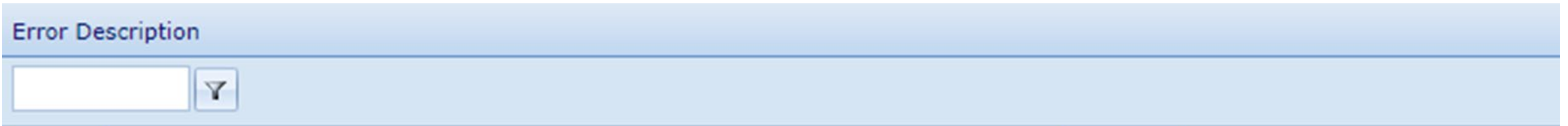
# Reminder

- If opened in Notepad ++

```
Error Description
[ ] [Y]
Line #18 Position #10 The 'http://www.sifinfo.org/infrastructure/2.x:SchoolType' element is invalid - The value "" is invalid according to its datatype
'http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType' - The Enumeration constraint failed.
4 <SIF_MsgId>MESSAGE ID</SIF_MsgId>
5 <SIF_Timestamp>2021-01-26T07:01:43-06:00</SIF_Timestamp>
6 <SIF_SourceId>DISTRICT SIS</SIF_SourceId>
7 <SIF_DestinationId>THE WAVE</SIF_DestinationId>
8 </SIF_Header>
9 <SIF_RequestMsgId>MESSAGE ID</SIF_RequestMsgId>
10 <SIF_PacketNumber>1</SIF_PacketNumber>
11 <SIF_MorePackets>No</SIF_MorePackets>
12 <SIF_ObjectData>
13 <SchoolInfo RefId="SCHOOL ID">
14 <LocalId>1</LocalId>
15 <StateProvinceId>99I001110</StateProvinceId>
16 <SchoolName>OSDE ES</SchoolName>
17 <LEAInfoRefId>DISTRICT ID</LEAInfoRefId>
18 <SchoolType/>
19 <SchoolContractId/>
```

# Reminder

- If opened in Notepad ++



Line #18 Position #10 The 'http://www.sifinfo.org/infrastructure/2.x:SchoolType' element is invalid - The value '' is invalid according to its datatype 'http://www.sifinfo.org/infrastructure/2.x:NCES0031SchoolLevelType' - The Enumeration constraint failed.

```
4 <SIF_MsgId>MESSAGE ID</SIF_MsgId>
5 <SIF_Stamp>2021-01-26T07:01:43-06:00</SIF_Stamp>
6 <SIF_SourceId>DISTRICT SIS</SIF_SourceId>
7 <SIF_DestinationId>THE WAVE</SIF_DestinationId>
8 </SIF_Header>
9 <SIF_RequestMsgId>MESSAGE ID</SIF_RequestMsgId>
10 <SIF_PacketNumber>1</SIF_PacketNumber>
11 <SIF_MorePackets>No</SIF_MorePackets>
12 <SIF_ObjectData>
13 <SchoolInfo RefId="SCHOOL ID">
14 <LocalId>1</LocalId>
15 <StateProvinceId>99I001110</StateProvinceId>
16 <SchoolName>OSDE ES</SchoolName>
17 <LEAInfoRefId>DISTRICT ID</LEAInfoRefId>
18 <SchoolType/>
19 </SIF_ObjectData>
```



# Reminder

- If opened in Notepad
  - Does not have line numbers



# Questions

- [StudentDataInfo@sde.ok.gov](mailto:StudentDataInfo@sde.ok.gov)
- <https://sde.ok.gov/student-information-documents-and-guides>