

ODS 3.x

	Question	Answer
1.	What is Ed-Fi and what are some of the Ed-Fi products?	Ed-Fi is the national data standard that the TSDS data specifications are built upon. Please refer to the Ed-Fi Alliance website for more information. https://www.ed-fi.org/what-is-ed-fi/ed-fi-data-standard/
2.	Once the Application Programming Interface (API) has transmitted a record, will local education agencies (LEAs) have the ability to modify that record?	Yes, but only through a new API transaction. The LEA can update their source system and publish any changes through API transactions.
3.	What is the processing timeframe for loading data into the Landing Zone and the processing time for the Texas Education Agency (TEA) to pull data into the Transition Zone?	The data moves into the local Ed-Fi Operational Data Store (ODS) (Landing Zone) based on the source vendor's set frequency. The expectation at this time is for TEA to pull any adds, updates, or deletes to the data into the Transition Zone approximately every 15-30 minutes.
4.	Will the ODS store prior year data? If so, how many years of data will be stored?	Yes, the local Ed-Fi ODS will continue to store the current school year plus four prior school years, as TSDS does now. The local Ed-Fi ODS is designed to be year-specific so each prior year data set will be contained within its own instance but will be accessible for reporting needs.
5.	Will assessment vendors send assessment data to the local ODS for the Early Childhood Data Submission (ECDS) KG and PK submissions?	Yes, all source system vendors are expected to publish their data to the LEA's local Ed-Fi ODS. TEA is currently working with the ECDS kindergarten and prekindergarten assessment vendors on the ODS 3.x requirements and Ed-Fi certification process.
6.	Who is the owner of the data in the local ODS Landing Zone?	The LEA is the "owner" of the data in the local Ed-Fi ODS (Landing Zone). Only data required for TSDS state reporting will be pulled into TEA's Transition Zone and the LEA must promote and complete their TSDS data submissions in order for TEA to access the data. TEA will not be able to access the LEA's local Ed-Fi ODS data without proper data use authority provided in the TSDS Incident Management System (TIMS) for technical support purposes.
7.	Will there be an interface for reviewing schema integrity errors?	The LEA can access the Data Hub application to review a total count of schema integrity, or Level 1 validation errors. For additional detail and troubleshooting, the LEA would need to refer back to their source system. Data that fails Level 1 validation will not be loaded into the LEA's local

		Ed-Fi ODS.
8.	How will level 2 business rules display in the user interface? Are users able to extract or filter errors? Would a record with a fatal error go into the Transition zone?	<p>The LEA would be able to run and view Level 2 business rule validations within the Data Hub application. These validations will be run on a defined scheduled basis or can be initiated by the LEA on an on-demand basis.</p> <p>Users will be able to view, filter and extract error information in the Data Hub application.</p> <p>Level 2 business rule validations do not prevent data from being loaded into the Transition Zone. For example, data that results in a fatal validation error will still load into the Transition Zone. Fatal errors will still occur after data promotion and prevent the LEA from completing their TSDS data submission.</p>
9.	Is the eScholar ODS part of the ODS 3.x architecture?	<p>No, the eScholar ODS will be replaced as a result of the ODS 3.x project. LEAs will no longer be accessing their data loads through the EDM application.</p> <p>The eScholar Unique ID application will still be utilized for student and staff Unique ID assignment and updates.</p>
10.	Who hosts the AWS Cloud that the local Ed-Fi Landing Zone utilizes? Is the local Ed-Fi ODS Landing Zone loaded on an LEAs desktop like the Validation Tool?	<p>TEA will be hosting the local Ed-Fi ODS for all LEAs.</p> <p>The local Ed-Fi ODS will be secured behind TEAL and accessed through the Data Hub application located within the TSDS Portal.</p>
11.	Was there a specific reason why the 2021-2022 Pilot Year didn't include attendance?	<p>In addition to source system vendors developing their solution during the 2021-2022 pilot year, TEA was in the process of updating the ODS 3.x Texas Education Data Standards and developing the infrastructure needed for the parallel year submission.</p> <p>TEA decided to narrow the focus of the pilot year to PEIMS Fall, Class Roster, and Child Find as those collections provided a fairly comprehensive cross-section of Ed-Fi domains and entities. Due to the complexity of attendance, TEA did not want to delay any vendors from starting their analysis, planning, and development while TEA completed the analysis and governance approval of attendance changes for ODS 3.x.</p>

		The 2022-2023 parallel submission is expected to include all TSDS data collections and submissions.
12.	What frequency should the LEA transmit their API transactions?	<p>The frequency and schedule of API transactions will be dependent on the source system vendor product solution(s). TEA would expect data to be continuously published into the local Ed-Fi ODS at a near real-time frequency.</p> <p>However, there may be situations that require a vendor solution to deviate from that near real-time transmission expectation.</p>
13.	Does TEA anticipate an increase in the quantity or complexity of validation errors?	The ODS 3.x validations will closely resemble existing TSDS business rule validations. There is not an expectation of a significant increase in quantity or complexity of validation errors due to the changes associated to the ODS 3.x project.
14.	Will level 2 validations be able to handle a data element that is used differently by multiple collections?	Yes, the level 2 validations will closely resemble the existing TSDS business rule validations that occur today. The level 2 validations will be able to handle a data element used by multiple collections.
15.	Does TEA plan to host the ODS 3.x TSDS Champion Training in person or virtually?	The training will be held in a hybrid model, so attendees can join in-person or online. The training will be offered in September, October, and February.
16.	Will LEAs be able to create non-TSDS Reports in the local ODS Landing Zone?	The Data Hub application is currently still in development. More information will be provided on the Data Hub application at a later time.
17.	How will TEA provide support to LEAs that are participating in the 2022-2023 parallel year? What is the process for the LEA to verify the data sent via API matches the data sent with the XML files? Is there still time for an LEA to volunteer for the parallel year?	<p>LEAs that participate in the 2022-2023 parallel submission year will have the ability to access a dedicated TSDS Parallel Portal to promote and validate their ODS 3.x API data and run reports to compare against their official XML data submissions.</p> <p>LEAs will utilize TIMS to report any data discrepancies and request assistance from the ESCs and the TSDS support team.</p> <p>TEA will provide further communication and guidance on LEA participation for the parallel year.</p>
18.	Who sends transactions to the local ODS Landing Zone? Will each LEA have its own local ODS Landing Zone?	Source system vendors are responsible for sending API transactions to the local Ed-Fi ODS (Landing Zone). Each LEA will have its own local Ed-Fi ODS.

19.	Has TEA contacted all vendors regarding the ODS 3.x upgrade?	<p>TEA has been providing frequent statewide webinars to Student Information System (SIS), Human Resource (HR), Finance, and ECDS assessment vendors since May 2021.</p> <p>Additionally, TEA has established a vendor pilot cohort for those vendors participating in the 2021-2022 pilot year.</p> <p>Vendors are encouraged to contact TSDSDeployment@tea.texas.gov to be included in statewide webinars and receive guidance on this project.</p>
20.	Does the Data Hub manage data going into the Landing Zone or the Transition Zone?	<p>The LEA's source system manages the data going into the Landing Zone through API transactions. The Data Hub application provides an interface to view the data that has been loaded, run local validations, and set security credentials. Once data is loaded into the Landing Zone, the TSDS required data will be automatically loaded into the Transition Zone on a near-real time basis by TEA.</p>
21.	Does TEA have mock-ups of the local ODS Landing Zone, Data Hub, or Transition Zone?	<p>The Data Hub application is still currently in development. However, TEA has access to initial mock-ups that will be shared during future TSDS trainings and statewide webinars.</p> <p>There is no application or interface expected for the Transition Zone.</p>
22.	Can an LEA extract data directly from the Landing Zone? How is the Landing Zone secure from other source vendors?	<p>The Data Hub application manages all functions of the Landing Zone. At this time, reports and data extraction is still being determined.</p> <p>The LEA manages the security and access for their source system vendors through the Data Hub application.</p>
23.	Is there a monetary cost associated with hosting the local ODS Landing Zone in AWS?	<p>No. There is no expected cost to the LEA for the local Ed-Fi ODS and Landing Zone architecture in regards to TSDS data submissions.</p>
24.	Is there a direct link between level 1 errors for ODS 3.x and XML File Manager errors and level 1.5 and Batch Manager errors? Does TEA plan to release a crosswalk between errors used in ODS 3.x and the old XML files?	<p>Level 1 validations are closest to File Manager validations in that if the data fails this validation, the data does not go forward. Level 1.5 validations are the UID validations that occur today when loading the XML files in the EDM application.</p> <p>Additional guidance and information will be provided in future TSDS trainings and support</p>

		resources.
25.	How will LEAs be able to load data for 3 rd party vendors that offer products that validate TSDS data?	All data loaded into the local Ed-Fi ODS will need to be via API transactions. Third party vendors can retrieve data through the API with the appropriate security credentials provide within the Data Hub application.
26.	How will users access the Landing Zone and Data Hub?	Users will access the Data Hub application through the TSDS Portal application with their TEAL credentials.
27.	For data moving from the local ODS Landing Zone to the Transition Zone, are LEAs able to do partial loading, or will all data be required for each record?	Data will be loaded into the local Ed-Fi ODS (Landing Zone) and into TEA's Transition Zone transactionally. Referential integrity will still be enforced as necessary, however there is no concept of bulk or partial loading.
28.	Will vendors need to have all coding changes done immediately?	<p>Source system vendors will need to have their product solutions updated in time for the TSDS collection due dates in the parallel submission year.</p> <p>Participating LEAs will be comparing the official XML data submissions against the ODS 3.x API transactional submissions prior to the collection due dates to verify promotions and data validations are working as expected.</p>
29.	What is the Data Hub Administration and Security Champion?	This would be the person at the ESC responsible for training and supporting staff at the LEA who manage the security credentials in the Data Hub application. These credentials allow their source system vendors the ability to submit API transactions.
30.	Can an LEA volunteer test a specific collection during the parallel year, or are they required to participate in all collections?	TEA would encourage LEAs that participate in the parallel submission year to compare all TSDS data collections to ensure vendor readiness and limit any issues prior to the go-live.
31.	What kind of data will be available for ESCs to retrieve from the ODS?	ESC Champions will be able to access the Data Hub application to support their LEAs with appropriate TEAL access.
32.	What level of access does a user need to perform validations in the Landing Zone and Data Hub? Will ESCs have access to each LEA's validations in the Data Hub?	TEA will provide more details and information during training at a later date.