Welcome to the Ed-Fi Technical Documentation home page. This site provides links to documentation and technical information for the Ed-Fi Data Standard and the Ed-Fi Technical Suite as well as information and resources for the Ed-Fi Tech Community.

## Latest Releases

On behalf of the Ed-Fi community, we are pleased to announce the following releases:

- **August 2020**
  - Analytics Middle Tier v2.1.0
- **July 2020:**
  - Data Standard 3.2.0-c, MetaEd v2.3.0
  - ODS / API for Suite 3 v5.0.0
  - Teacher Prep Data Model v0.8

## Ed-Fi Data Standard

The Ed-Fi Data Standard is the widely adopted, CEDS-aligned, open-source data standard developed by the educational community for the betterment of the community. The Ed-Fi Data Standard serves as the foundation for enabling interoperability among secure data systems and contains a Unifying Data Model designed to capture the meaning and inherent structure in the most important information in the K–12 education enterprise.

Current Versions (v2.2, v3.2) | Latest Version (v3.2) | All Versions

## Ed-Fi Implementation Suite

### Ed-Fi ODS / API

The Ed-Fi Operational Data Store (ODS) provides a secure, transactional information store that integrates data from multiple source systems and applications. The Ed-Fi ODS API accompanies the Ed-Fi Operational Data Store and provides a developer-friendly interface to create, read, and update information stored in an Ed-Fi powered ODS.

Current Versions (v2.6, v5.0.0) | Latest Version (v5.0.0) | All Versions

## Ed-Fi Tools

Ed-Fi Tools aid developers implementing the technical components of the Suite.

### Data Standard & General Tools

- MetaEd IDE is a tool that supports implementers who are extending Ed-Fi technology.
- MappingEDU is an online system that supports business analysts and other users map one data standard to another.
- The Sample Data Generator creates realistic, Ed-Fi-aligned sample datasets suitable for testing and training

### ODS / API Applications & Tools

- Analytics Middle Tier (AMT) is a collection of SQL views that enable data analysts to better understand and access data in an Ed-Fi ODS / API while building reports and analytics.
- ODS / API Admin App is a web-based administrative interface for the Ed-Fi ODS / API.
- Data Import is a tool to map and import data from CSV files to an Ed-Fi ODS / API.
- ODS Migration Utility is a command-line tool built to upgrade the schema of an ODS instance up to the latest version, along with data migration.
- Learning Standards Sync Utility is a tool for system administrators for synchronizing learning standards between the AB Connect API and a specified Ed-Fi ODS / API instance.

## Ed-Fi Dashboards

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### Recent Contributions to the Ed-Fi Exchange

- Student Engagement Tracking
- Quick Deploy of Ed-Fi ODS / API Development Server using Amazon Machine Images
- Ed-Fi API Publisher
- PowerShell script to install Ed-Fi binaries
- Project Buzz
- Ed-Fi Data Checker
- Dashboard Replacement Proof of Concept
- Data Import Templates
Ed-Fi Dashboards provide a starting point for developing student performance dashboards that puts real-time, actionable information at the fingertips of educators. It includes a user interface with metrics that educators identified as critical to improving student achievement.

Current Versions (v2.0.3, 3.0.1) | Latest Version (v3.0.1) | All Versions