

2017

WAVE TRAINING



Introductions

- ◎ Jennifer Foster,
 - Student Information Data Coordinator-
Education Data Management Office

Legislation



By the 2005-2006 school year, any student information system and any instructional management system used by school districts in the state shall comply with the Extensible Markup Language (XML) standards and the Schools Interoperability Framework (SIF) version 1.5 specifications, or any updated versions of the specifications (70 O.S. § 3-160)



What is SIF

- Schools Interoperability Framework
- Schools, Districts, State Education Agencies, Student Information System Vendors
- Create a Standard for data reporting



District Application (e.g., Student Information System)



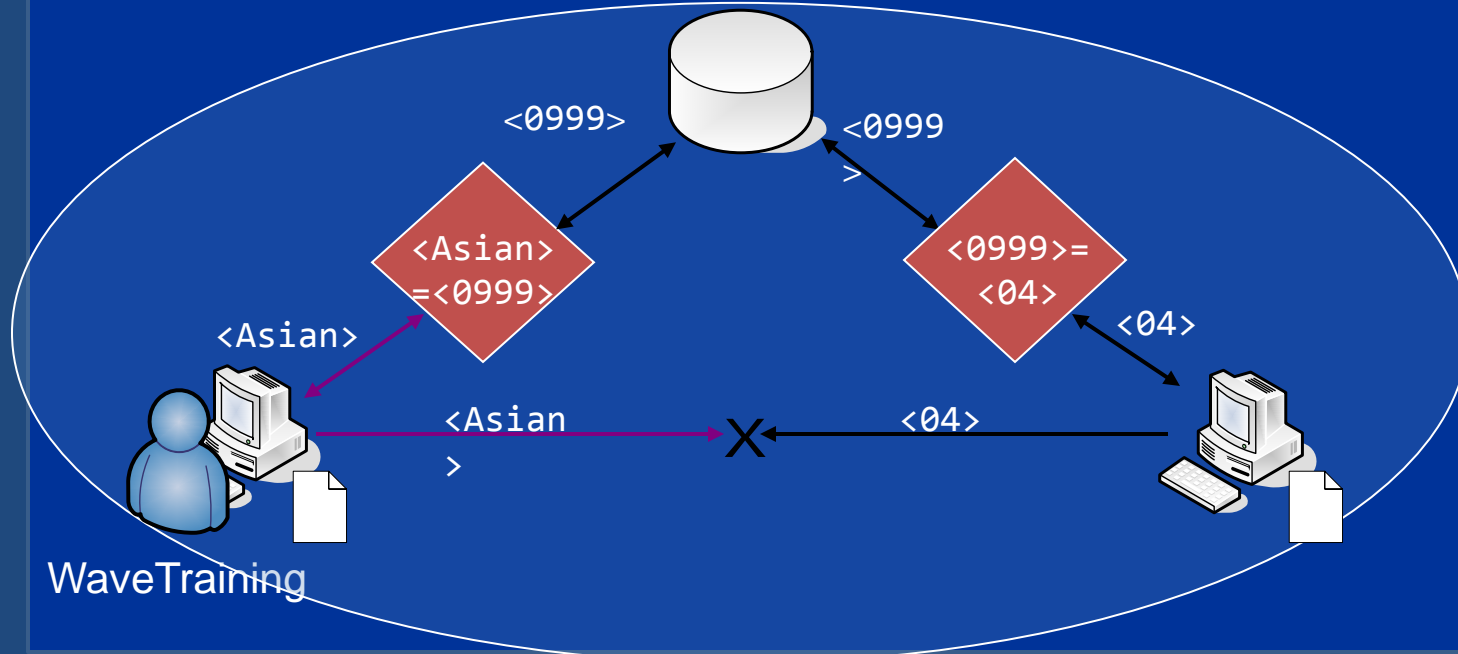
District Staff



Vendor SIF Agent



Zone Integration Server



WaveTraining



OKLAHOMA
STATE DEPARTMENT OF EDUCATION
STATE SUPERINTENDENT JOY HOFMEISTER

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FEB. 2-6, 2015
SHOW YOUR APPRECIATION FOR SCHOOL COUNSELORS THIS WEEK!
#NSCW15

HAPPY NATIONAL SCHOOL COUNSELING WEEK
NSCW

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What's New On Spotlight

- A-F Grading System
- Grants and Nominations
- Oklahoma Education Single Sign-On
- Oklahoma Educators Hall of Fame
- Open Records Request
- School Finance
- SDE Finances
- Student Information
- Website A-Z Guide



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Student Information



Wave System



Data Certification



Data Use (OKED)



SLDS



P20 Council



Governance



Privacy and Security



Data and Reports

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Home / The Wave System

The Wave System

Wave Data Requirements

2.X Wave Requirements  (Version 1.8) [PDF](#) | [DOC](#)



This document provides information necessary for the collection of required student demographic, enrollment, teacher and course data within the Wave. This requirements document is for SIS vendors to use in mapping the elements necessary for data collection. Oklahoma school district personnel must ensure their vendor is provided this documentation and is able to meet the defined data submission requirements.

WAVE 101 Training Videos




WAVE 101 Course 1

from OSDE



WAVE access via Single Sign-On
(Username and Password Required)

School Districts Submit 22 Types of Data to the Wave:

For a more detailed list, see the **2.X Wave Requirements** 

1. **Address:** This element occurs within objects and elements such as StudentPersonal.
2. **Attendance Code Info:** This object




the wave

2.X Wave Requirements

Student Information Systems

Updated July 15, 2016

VERSION 1.8



on System
ident

Need assistance? Cont

[Home](#) [District](#) [Reporting](#) [Resources](#) [News](#)

Documents
2.X Wave Requirements Document
2.0r1 Data Elements Mapping Document

Welcome to Oklahoma's Statewide Student Information System

How to Access the Wave



You are here: Resources » 2.X Wave Requirements Document

2.X Wave Requirements Document



Title	Category	Modified Date	Size (Kb)	
 2.X Wave Requirements Document v 1.8		9/23/2016	3,129.82	Download



Element	Attribute	Char	Wave Element	SIF Description	Wave Business Rules
StudentPersonal					
	RefId	M	M	The ID (GUID) of the student to whom this information is linked.	
AlertMessages		O	O		
	AlertMessages/AlertMessage	MR	MR		
	Type	M	M		
MedicalAlertMessages		O	O		
	Severity	M	M		
LocalId		M	M	The locally-assigned identifier for this student.	
StateProvinceId		O	C	The state-assigned identifier for this student.	Required once present in application
ElectronicIdList		O	O		





Element	Attribute	Char	Wave Element	SIF Description	Wave Business Rules
Title1		O	M	Is the student in Title 1 programs?	Values: "Yes" or "No" • "Unknown" not valid for Oklahoma





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Entry Codes

SIF Code	SIF Description - Entry	SDE Description - Entry
1821	Transfer from a public school in the same local education agency	Entry - Student is changing sites in the same district. This can occur during the school year. This code would also be utilized at the beginning of the school year if a student is changing sites (e.g. Student is changing from Junior High to High School).
1822	Transfer from a public school in a different local education agency in the same state	Entry - Student is entering the district, coming from another public district in Oklahoma.
1823	Transfer from a public school in a different state	Entry - Student is entering the district, coming from another public school in a different state.

COMMUNICATION



You are here: Home

Home District Reporting

Wave Wizards Survey

If you use any of the Wave Wizards and can spare five minutes to help us improve, please complete the survey below.

<https://www.surveymonkey.com/s/JWD735C>



District Communication

The Wave is receiving 19 out of 20 objects from your Student Information System. [Click here for a detailed district missing object report.](#)

Excellent

The status above indicates your district's communication level updated every two hours. Each level indicates how many days it has been since the Wave last received a message from your district.

- **Excellent** = 1 day or less
- **Good** = over 1 day, but less than 2
- **Fair** = over 2 days, less than 3
- **Average** = over 3 days, less than 4
- **Below Average** = over 4 days, less than 5
- **Poor** = over 5 days, less than 6
- **No Communication** = Over 6 days without a message

A communication status of Average or above is ideal. Anything below that indicates a potential problem in communication with your district that needs to be addressed as soon as possible.

PAULS VALLEY(251018) Wave-GAGE - SPS	Last Communication 4/1/2014 7:02:15 AM
---	---



Communication with the Wave



- ⦿ Communicates Daily or Sooner-24 hour rule



Important Information

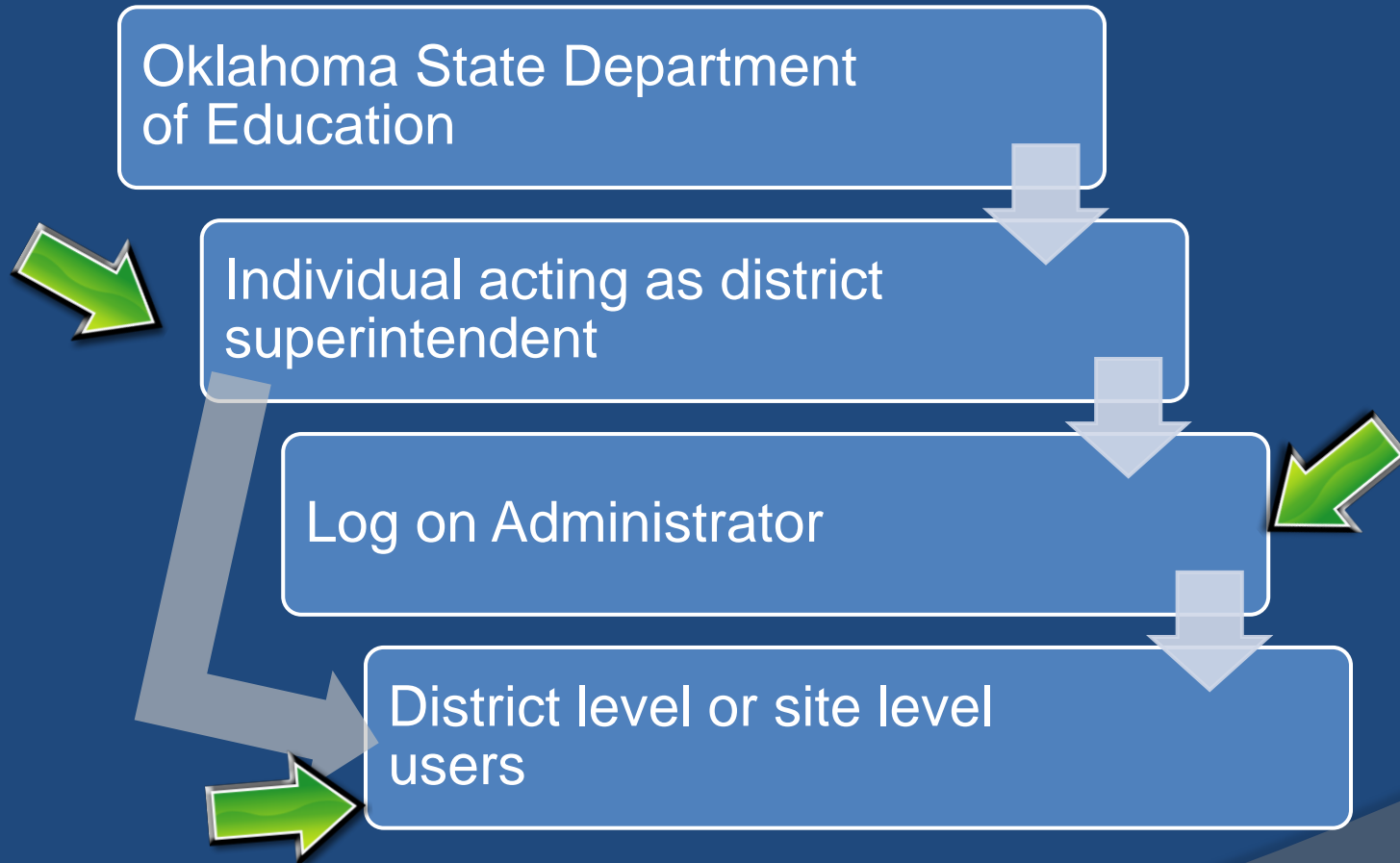
1. Carefully select a Student Information System (SIS) by checking with the State Department of Education (SDE) and calling around to other schools.
2. Include the Wave Requirements document as part of the contract requirements for the SIS Vendor as it is required by state law that the SIS is in compliance with this document.
3. If at all possible, do not switch vendors in the middle of a school year.
4. When you switch vendors, you **MUST** inform SDE in advance so that SDE can work with your vendor to get your zone set up and ensure the data is coming up correctly.

The Wave



- ⦿ The state's Student Information System (SIS)
- ⦿ Account management
- ⦿ Currently housed in OSDE's Single Sign On (SSO) System

Account Management



Single Sign On




Welcome to the new Single Sign On system. If you have an existing username and password for the previous Single Sign On system you may use that here. If you do not have an account you may create one now using the link below.

If you are having trouble signing in please click the link below to recover your username or password. If you need assistance please contact the OMES Help Desk at (405) 521-2444 or at (866) 521-2444.

Username:

Password:

 Are you a New User? Click here to create an account.

 Username problems? Click here to recover your username.

 Password problems? Click here to recover your password.




OKLAHOMA
State Department of Education

- Home / Applications
- Your Account
- About This Site
- Links And Docs
- Sign Out

Home / Applications

Applications

 The Wave's portal.
• October 1 Consolidated Report



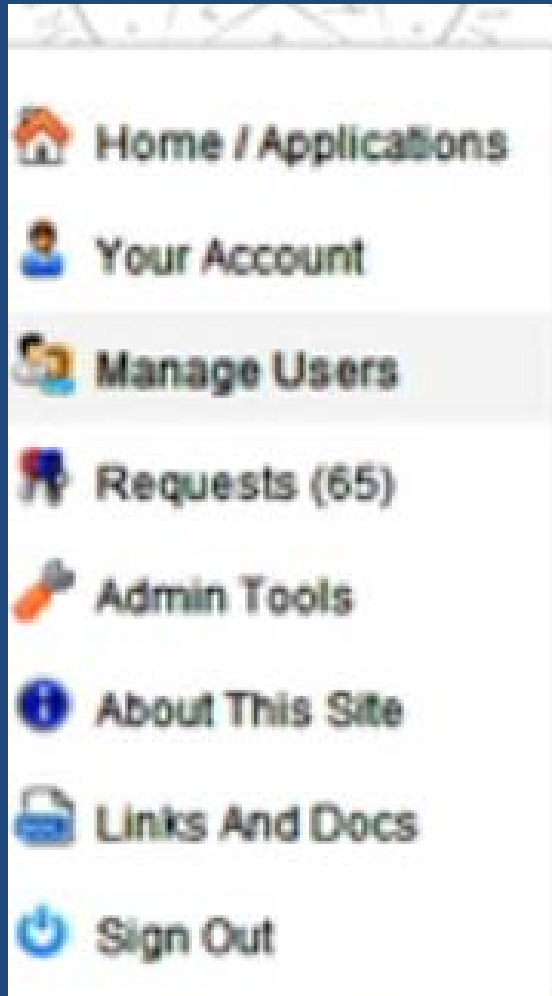
Single Sign On 2

Welcome Training Example - Sign Out

These are your current applications

(29I099) Example District

Managing Single Sign On Accounts



- Home Page-Access to the Wave or other Reports
- Manage your own account information-Name, password, e-mail, etc.

Managing Single Sign On Accounts



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Your Account [Home](#) > [Your Account](#)

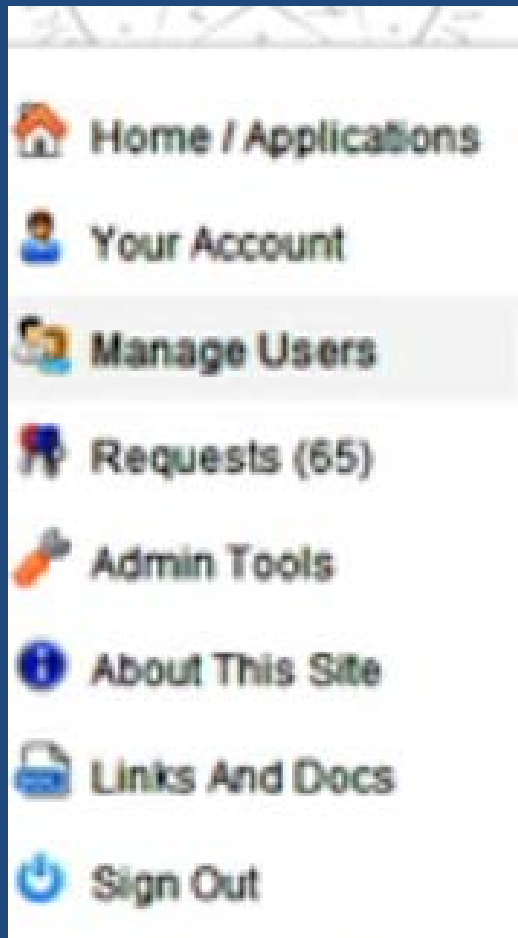
! Don't get locked out of your account! Please add another email to make sure you can always recover your password.

Profile - Training Example

Username: training example2	Email: training.example2@sde.ok.gov
First Name: Training	2nd Email:
Middle Initial:	Phone:
Last Name: Example	Fax:
District(s):	Birth Date: 1/1/1976
not set Add A District	Town Of Birth: Example Town
Institution:	Secret Question 1: What town were you born in?
Teacher Number:	Secret Question 2: What is the name of your first pet?
	Secret Question 3: What is your mother's maiden name?

[Edit Account](#) [Change Username](#) [Edit Security Answers](#)
[Change Password](#)

Managing Single Sign On Accounts



- Manage users-Granting access to reports/applications
- Users requesting to be associated with your district
- Admin tools-various reports

Managing Single Sign On Accounts



OKLAHOMA
State Department of Education

Home > Manage Users

Manage Users

Create A New User View All My Users

First Name: Last Name: Username: Email: Search

duane brown

Show 1000 items per page Page: 1

	Username	First Name	Last Name	Email	BirthDate	Sign ins	
Select	test.principal3	Duane	Brown	training.example@sde.ok.gov	1/1/1976	259	Remove

Managing Single Sign On Accounts



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Home / Applications | Your Account | **Manage Users** | Requests (55) | Admin Tools | About This Site | Links And Docs | Sign Out

Home > Manage Users > Viewing User Profile

Viewing User Profile

Profile - Training Example

[Send User A Password Recovery Link - Bypasses Secret Questions](#)

Username: training example2 | Email: training example2@sde.ok.gov
First Name: Training | 2nd Email:
Middle Initial: | Phone:
Last Name: Example | Fax:
District(s): | Birth Date: 1/1/1976
Example District (291099) - Admin for entire district | Town Of Birth: Example Town
Institution: | Secret Question 1: What town were you born in?
Teacher Number: | Secret Question 2: What is the name of your first pet?
Secret Question 3: What is your mother's maiden name?

[Edit Account](#) | [Edit Sites](#) | [Change Username](#) | [Edit Security Answers](#) | [Remove This User From Your District](#)
[Change Password](#)

Apps & Roles | Misc - Admins | [Manage roles for this user](#)

NOTE: These are not links.

Application	Role	Specific District Only?
The Wave's portal.	Student Transfer District Approval	all districts
The Wave's portal.	Student Transfer District Entry	all districts
The Wave's portal.	Student Transfer Notification	all districts

Managing Single Sign On Accounts




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Home > Manage Users > Viewing User Profile > A User's District

A User's Districts

[Return to Training Example's profile.](#)

Edit	ID	District	Entire District	Schools
Edit	22093	Example District	True	n/a



Managing Single Sign On Accounts



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Home / Applications | **User District Association** | Home > User District Association

User District Association - Step 1 of 1

Editing user's association with this district.
Please enter the information below and click the Submit button.

User: Training Example
County: HARMON 29
District: Example District 1099



Admin For Entire District: If not, select individual schools below.
(also district level users)

Schools: Example School II (998)
 Example School (999)

* Required Field

05:25

Cancel Submit



Managing Single Sign On Accounts



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Viewing User Profile

Home > Manage Users > Viewing User Profile

Profile - Training Example

[Send User A Password Recovery Link - Bypasses Secret Questions](#)

Username: training example2
First Name: Training
Middle Initial:
Last Name: Example
District(s): Example District (291099)
- Admin for entire district
Institution:
Teacher Number:

Email: training example2@sde.ok.gov
2nd Email:
Phone:
Fax:
Birth Date: 1/1/1976
Town Of Birth: Example Town
Secret Question 1: What town were you born in?
Secret Question 2: What is the name of your first pet?
Secret Question 3: What is your mother's maiden name?

[Edit Account](#) | [Edit Sites](#) | [Change Username](#) | [Edit Security Answers](#) | [Remove This User From Your District](#)
[Change Password](#)

Apps & Roles | Misc - Admin

NOTE: These are not links. [Manage roles for this user](#)

Application	Role	Specific District Only?
The Wave's portal.	Student Transfer District Approval	all districts
The Wave's portal.	Student Transfer District Entry	all districts
The Wave's portal.	Student Transfer Notification	all districts



Managing Single Sign On Accounts



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Manage User's Roles

Home > Manage Users > Viewing User Profile > Manage User's Roles

Manage Roles For Training Example

[Return to Training Example's profile](#) [Add A Role](#)

System	Role	Applies to a Specific District(s)?		
The Wave's portal.	Student Transfer District Approval	all districts	delete	<input type="checkbox"/>
The Wave's portal.	Student Transfer District Entry	all districts	delete	<input type="checkbox"/>
The Wave's portal.	Student Transfer Notification	all districts	delete	<input type="checkbox"/>

[Deleted Selected Roles](#)

Managing Single Sign On Accounts




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Manage User's Roles [Home](#) > [Manage Users](#) > [Viewing User Profile](#) > [Manage User's Roles](#)

Manage User's Roles - Step 1 of 1

Adding a role for 'Training Example'.
Please enter the information below and click the Submit button.



Choose Application: 

Select Role(s):

- A-F Advanced Coursework Access - A-F Advanced Coursework Access** gives access to district/school administrators to view and work their site(s) data.
- Approved Virtual Courses** - All Approved Virtual Courses Functions used on the Approved Vendor Courses application.
- Assessment Post-Code Correction Window Access** - Assessment Post-Code Correction Window Access

User's Current Roles For The Wave's portal.


- **Student Transfer District Approval** - Allows a user to modify the status of a



Reporting Requirements Document



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Manage Users

Requests

Admin Tools

About This Site

Links And Docs

Sign Out

Links And Docs

LINKS

- [SDE Home Page](#)
- [SDE Service Desk](#)
- [Wise Online Tool \(sde link\)](#)
- [Wise Online Planning Tool \(outside login link\)](#)

DOCUMENTS

- [District Superintendent Security Form \(pdf\)](#)
- [Educator User Guide \(pdf\)](#)
- [2016-2017 Initial Certified and Support Personnel Letter \(pdf\)](#)
- [Reporting Requirements Document 2016-2017 \(Accountability at a Glance\)](#)
- [Reporting Requirements Calendar 2016-2017 \(Shortened version of Accountability at a Glance\)](#)

Reporting Requirements Document



[Home](#)

Designations Calculation Review

Window: These are target dates and are contingent on receiving the data on-time from assessment vendors and other entities; February 1, 2017

SDE Office: [Accountability](#) – (405) 522-1519

Legislation: OAC 210:10-13-22

Description: The Department is required to annually identify, based on the most recent data available, (1) the lowest-performing schools in Oklahoma as “Priority” school, (2) schools that have specific ESEA subgroups with low achievement and/or graduation rates as “Focus” schools, (3) schools with under-performing graduation rates that are not already identified as Priority or Focus School as “Targeted Intervention” schools, and (4) the highest-performing schools or schools that have made the most significant progress in student achievement as “Reward” schools.

Activity: In the Single Sign On – Accountability Reporting (AMO, AYP) application, districts will review the calculations for accuracy given the available data.

Related Documents: [Priority Schools Guide](#), [Focus Schools Guide](#), [Targeted Intervention Schools Guide](#), & [Reward Schools Guide](#)

[Home](#)

Advanced Coursework Report

Window: May 2017-June 27, 2017

SDE Office: [Accountability](#) – (405) 522-1519

Legislation: OAC 210:10-13-22

Description: This report takes data from your local Student Information System up through the Wave to develop a list of students based on their course/section enrollments and grades that could be considered for the Advanced Coursework criteria for the A-F report card.

Activity: In the Wave - State Reporting Certification application, districts will review the data that is populated via their Student Information System. Corrections can be made on screen but must also be corrected in the district Student Information System.

Related Documents: [Single Sign On](#) & [Advanced Coursework Manual](#)

[Home](#)

Reporting Requirements Calendar



September 2016

- Final Data for School District Expenditures and Revenue (State)-**OCAS**: September 1
- TLE Framework Training (State)-**Teacher and Leader Effectiveness**: September 1
- Alternative Education Implementation Plan (State)-**Alternative Education**: August 1-September 15
- Claim for Reimbursements for Lunches, Breakfasts, Snacks, and/or Special Milk Program (Federal)-**Child Nutrition**: To be completed by the 15th of each month
- Project 515-2nd Year Carryover Encumbrance Deadline (Federal)-**School Support**: July 1-September 30

October 2016

- District Test Coordinator Information (State)-**Assessment**: August 1-October 1
- Estimate of Needs or the Budget (State)-**OCAS**: October 1
- First Quarter Statistical Report (FQSR) (State)-**State Aid**: 10 days following the end of the first nine weeks
- RSA Beginning of Year Reading Sufficiency Report (State)-**Instruction**: September 1-October 1
- Schoolwide/School Improvement Plan (Federal)-**School Support**: January 1-October 1
- Special Education Child Count (State)-**Special Education**: Start of district school year-October 1



Questions