



Qlik Sense Training for Beginners

December 14, 2016

OSSE Division of Data, Assessment and Accountability



Agenda

- Overview of Qlik Sense
- History of Qlik Sense @ OSSE
- Why Qlik Sense?
- Review of Applications in Qlik Sense
- Access to Qlik Tokens
- Login
- Data Flow Process
- Live Demonstration /Hands –on Exercise
- Troubleshooting Tips/FAQs
- Questions and Answers



Overview of Qlik Sense

History of Qlik Sense @ OSSE

Why Qlik Sense?



What is Qlik Sense?

Qlik Sense is a self-service data application that empowers users to easily create a range of flexible, interactive visualizations.

Qlik Sense delivers:

- Visualization
- Ease of exploration
- User-driven, drag-and-drop creation
- Collaboration and storytelling



Why Qlik Sense for LEAs?

- It allows users to create pre-defined reports within their own applications
- Data available in the application is interlinked which helps user to analyze quickly



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Review of Applications in Qlik Sense



Qlik Sense - Home Screen

A screenshot of the Qlik Sense home screen. The top navigation bar includes the 'Qlik Sense' logo, a user profile icon, the email 'ossetestpcssftp@gmail.com', and the role 'EXTERNAL'. Below this is a 'My work' section with a 'Create new app' button, a sort dropdown set to 'Alphabetically', and a grid view icon. The main area shows a list of streams on the left: 'LEA', 'OSSE', and 'OSSE Test PCS Internal'. A context menu is open over the 'OSSE' stream icon, displaying three options: 'Open without data', 'Duplicate', and 'Delete'.



Qlik Sense Applications

The screenshot displays the Qlik Sense user interface. At the top left, the 'Qlik Sense' logo is visible. The user's name 'kathy.ashe' and role 'CFO_DPW' are shown in the top right. A search icon is also present. Below the header, a navigation pane on the left shows 'My work' and a 'Stream' list with 'LEA' highlighted in a red box. The main content area is titled 'LEA' and shows a grid of application cards. Each card features a Venn diagram icon and a title. The cards are sorted alphabetically, as indicated by the 'Alphabetically' dropdown menu in the top right of the main area.

Stream	Application
LEA	9th Grade Transition
LEA	PARCC and MSAA Results
LEA	SY15-16 Attendance ...
LEA	SY15-16 Charter Sector ...
LEA	SY15-16 Related Service ...
LEA	SY15-16 SLED Roster and ...
OSSE	
OSSE Internal	
PCSB	
Training	
LEA	SY16-17 Charter Sector ...
LEA	SY16-17 DCPS Attendance
LEA	SY16-17 Related Service ...
LEA	SY16-17 Unified Data Errors



Review of Qlik Sense Applications


The following applications are available to LEAs in Qlik:

- PARCC and MSAA Results
- SLED Enrollment Roster Assessments
- Charter Sector Attendance
- Related Service Management Report
- Unified Data Errors Report



PARCC and MSAA

PARCC and MSAA Results ⓘ






PARCC and MSAA Results
Data last loaded: December 8 2016 7:00 AM
Published: September 14 2016 1:38 PM
Published to: LEA

Sheets Bookmarks Stories

Create new sheet

▼ Base sheets (3)

 PARCC	 MSAA	 Student Information
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Charter Sector Attendance

SY16-17 Charter Sector Attendance ⓘ

SY16-17 Charter Sector Attendance
Data last loaded: December 9 2016 8:00 AM
Published: November 21 2016 2:45 PM
Published to: LEA

Sheets | Bookmarks | Stories Create new sheet

Base sheets (16)

Introduction	Monthly Attendance	Weekly Attendance	Daily Attendance	Attendance Counts For ...	Submission Rate	Age Vs. Attendance	In Seat Attendance
Submission Rate Pivot	Submission Rate Export Sheet	In Seat Attendance Pivot	In Seat Attendance ...	PCSB Unexcused Absences	DC PCSB School Truancy Report	DC PCSB Student Truancy Report	DC PCSB PMF In Seat Attendance ...



Overview of Attendance Application

Charter Sector Attendance
Data last loaded: January 8 2016 12:26 PM
Published: January 8 2016 9:34 AM
Published to: LEA

Sheets | Bookmarks | Stories | Create new sheet

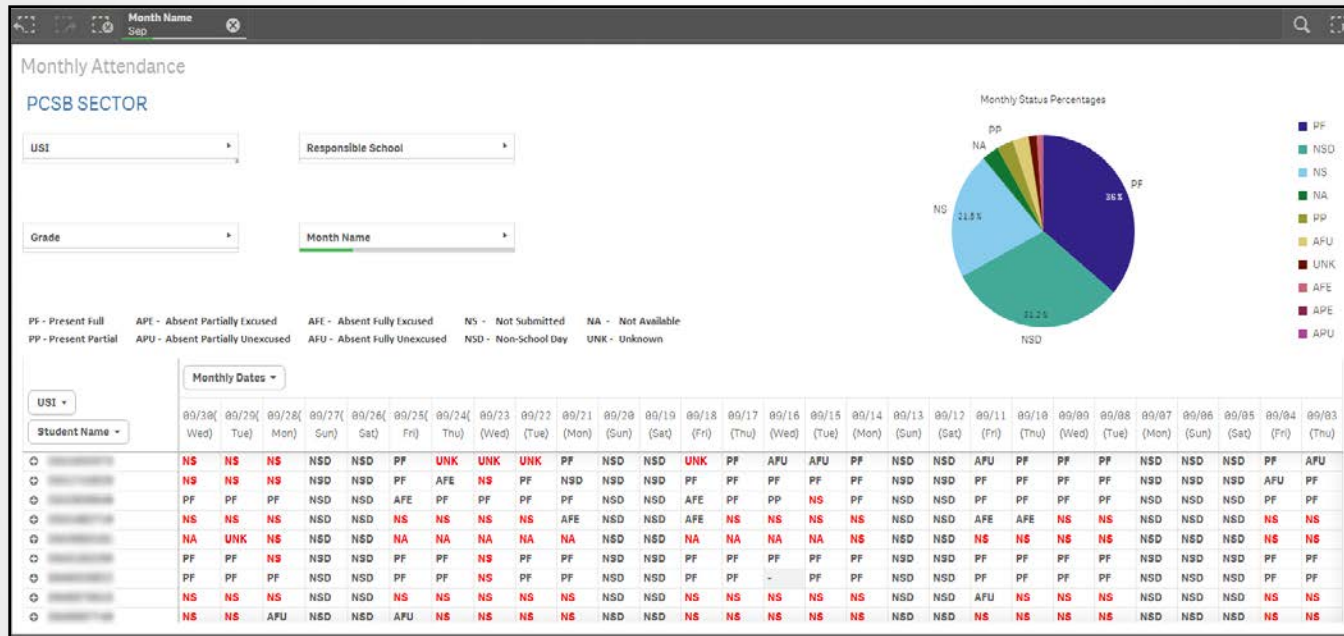
▼ Base sheets (13)

- Introduction
- Monthly Attendance
- Weekly Attendance
- Daily Attendance
- Attendance Counts For ...
- Submission Rate
- Age Vs. Attendance
- In Seat Attendance
- Submission Rate Pivot
- Submission Rate Export Sheet
- In Seat Attendance Pivot
- In Seat Attendance ...
- Unexcused Absences



Attendance

This is a monthly attendance sheet from Qlik. Weekly and daily attendance sheets are similar.





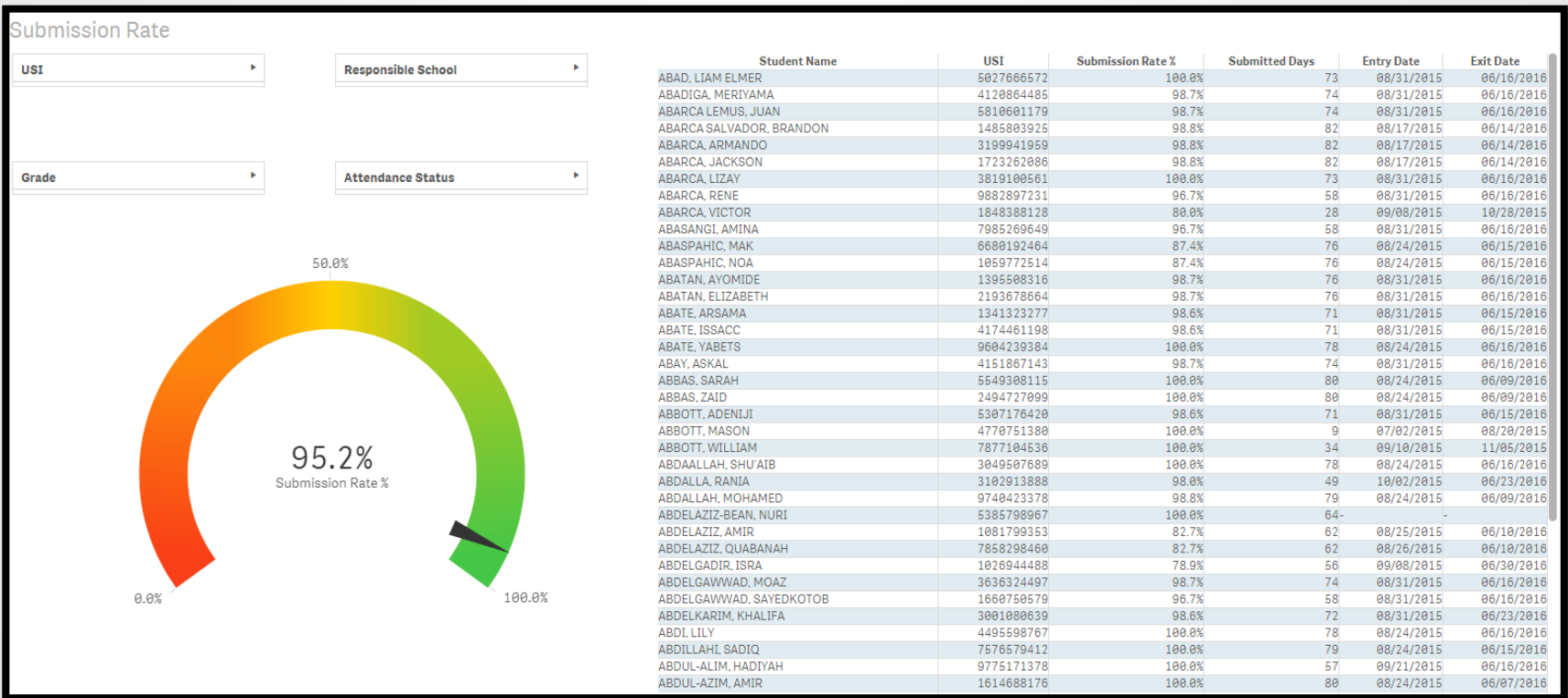
Enrollment Application Overview

These are the sheets currently available in the Qlik Enrollment Assessment Application.

The screenshot shows the Qlik dashboard for 'SLED Enrollment Roster Assessments'. At the top, there is a header bar with a refresh icon, a list icon, and the title 'SLED Enrollment Roster Assessments'. Below the header, there is a dark grey banner with a logo of two overlapping circles (one green, one orange) on the left. To the right of the logo, the text reads: 'SLED Enrollment Roster Assessments', 'Data last loaded: January 6 2016 3:03 PM', 'Published: August 14 2015 4:44 PM', and 'Published to: LEA'. Below the banner, there is a navigation bar with 'Sheets', 'Bookmarks', and 'Stories' tabs. Underneath, a section titled 'Base sheets (7)' contains seven sheet thumbnails, each with a small bar chart icon. The sheet titles are: 'Intro', 'Overview (SY 15-16)', 'Overview (SY 15-16) Chart', 'Proficiency Level By Year and ...', 'Proficiency Levels By School', 'Assessments Overview', and 'Student Assessments* ...'.



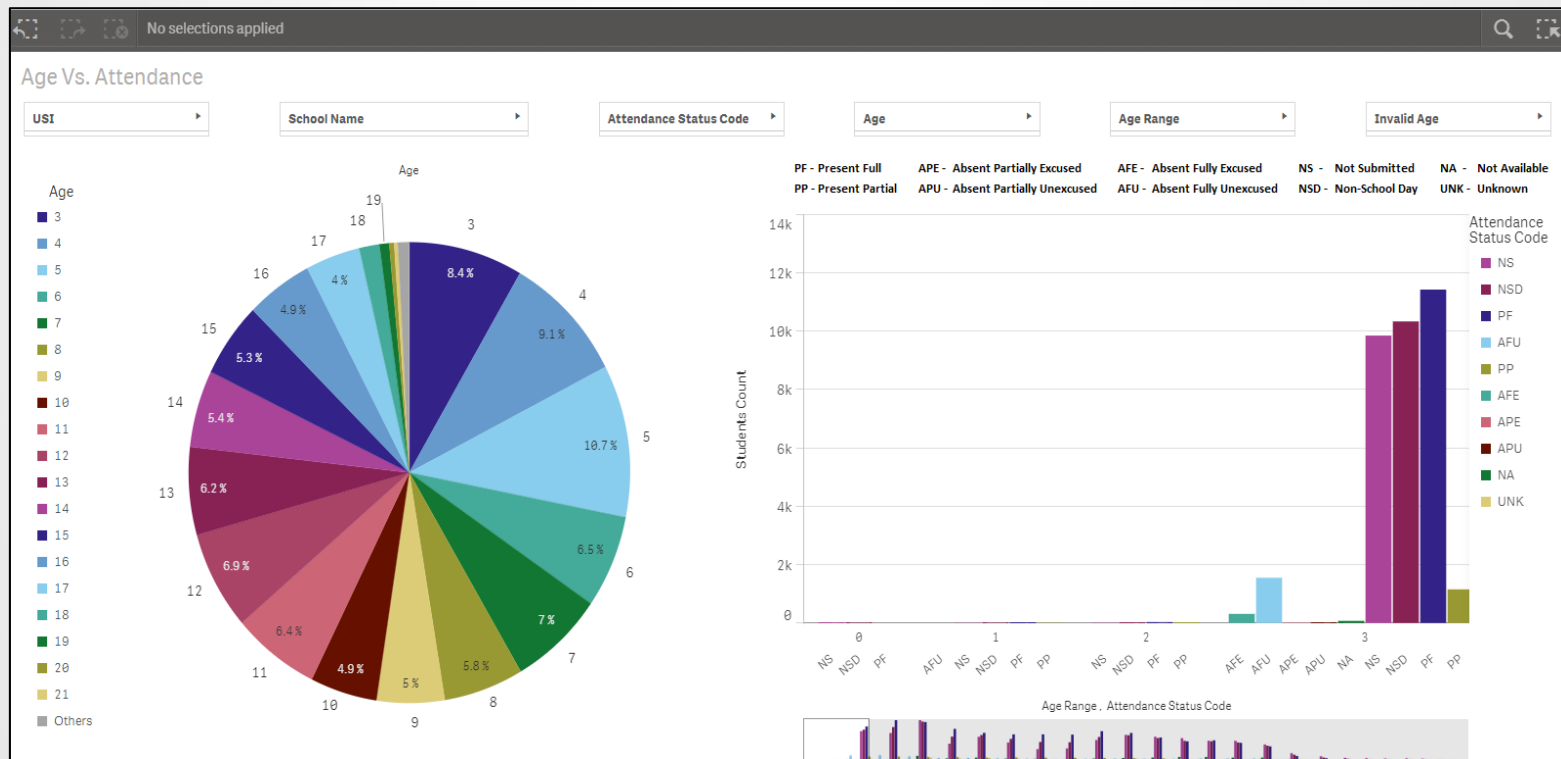
Attendance Submission Rate Sheet





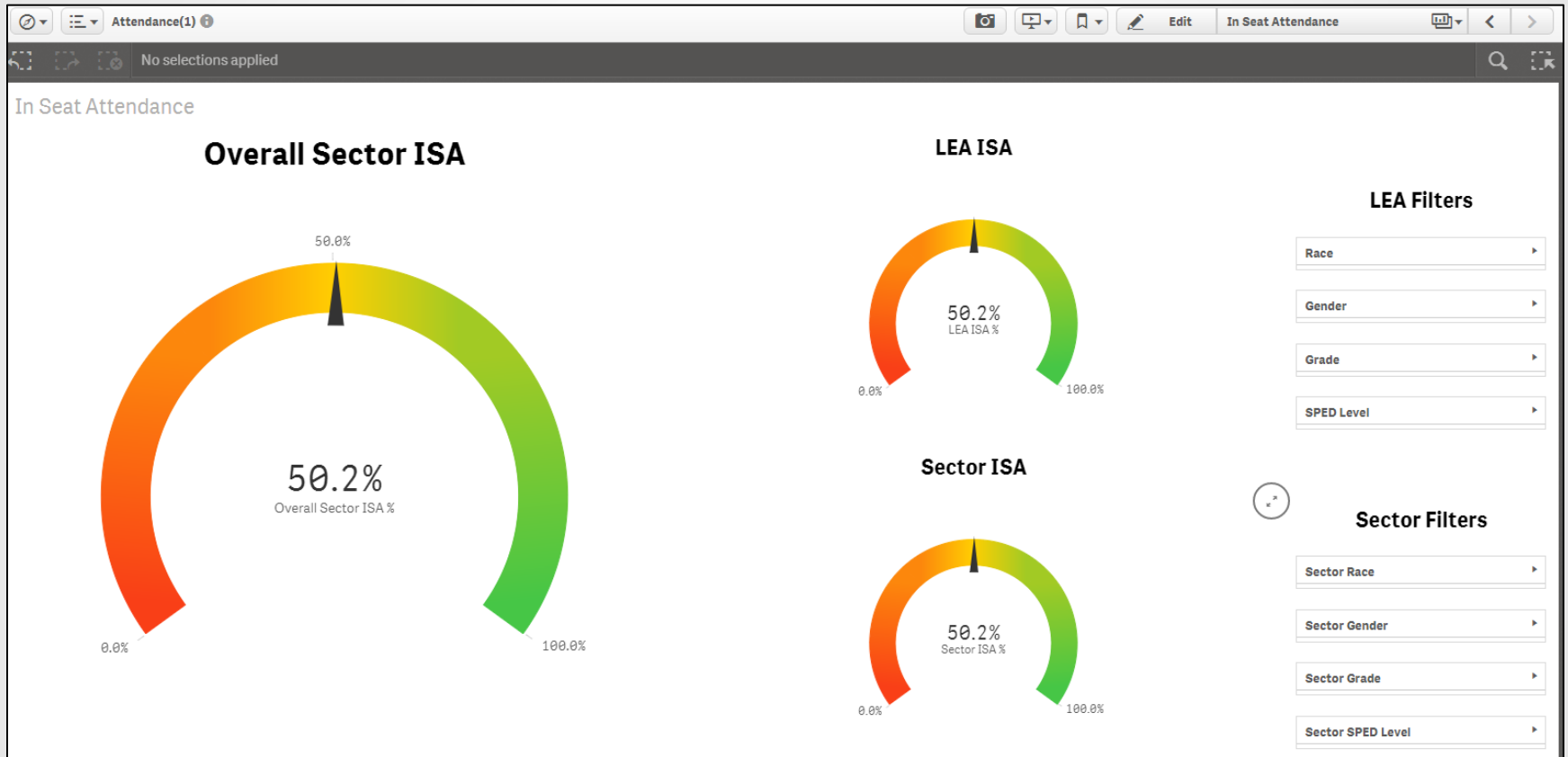
Attendance Status by Age

- This is a sample screenshot of a pie chart displaying the percentage of attendance status by age group.





In Seat Attendance





Student Invitation and Involvement

Overview (SY 15-16)

Student Total

59,037

Ward of Residence

Ward	Student Total
Totals	59037
Unknown	4976
Ward 1	5470
Ward 2	1175
Ward 3	4213
Ward 4	9579
Ward 5	6312
Ward 6	5640
Ward 7	9397
Ward 8	12275

OSSE STATE

Gender

Gender	Student Total
Totals	59037
Male	30400
Female	28633
Unknown	4

Race and Ethnicity

Race	Student Total
Totals	59037
American Indian or Alaska Native	654
Asian	1071
Black or African American	39429
Multiple	1557
Native Hawaiian or Other Pacific Islander	386

Current Responsible School Enrollment Year

Grade Level

Current Grade	Student Total
Totals	59037
C2	45
C3	39
C4	69
C5	56
C6	42
C7	39

Duplicative Enrollment

Duplicative Enrollment Indicator	Student Total
Totals	59037
N	57307
Y	1730



Sample Student Assessment Data


Student Assessments' Data

Tested LEA	Tested School	Tested Year	Tested Grade	Subject	USI	Tested		
USI	First Name	Last Name	Gender	Date of Birth	Current Responsible LEA	Current Responsible LEA	Current Responsible School	Current Attending School
[REDACTED]	[REDACTED]	[REDACTED]	Female	[REDACTED]	District of Columbia Public Schools	District of Columbia Public Schools		Stoddert ES
[REDACTED]	[REDACTED]	[REDACTED]	Female	[REDACTED]	Inspired Teaching Demonstration PCS	Inspired Teaching Demonstration PCS	Inspired Teaching Demonstration PCS	Inspired Teaching Demonstration PCS
[REDACTED]	[REDACTED]	[REDACTED]	Male	[REDACTED]	District of Columbia Public	District of Columbia Public		Raymond EC
USI	Tested Year	Tested LEA	Tested School	Tested Grade	Math	Read	Comp	Science
[REDACTED]	2009	E.L. Haynes PCS	E L Haynes PCS - Middle School	03	Advanced	Proficient	N/A	N/A
[REDACTED]	2009	District of Columbia Public Schools	Brightwood EC	03	Basic	Proficient	N/A	N/A
[REDACTED]	2009	District of Columbia Public Schools	Ketcham ES	04	Basic	Basic	N/A	N/A
[REDACTED]	2009	Center City PCS	Center City Congress Heights Campus PCS	05	Below Basic	Basic	N/A	N/A
[REDACTED]	2009	District of Columbia Public	Browne EC	04	Basic	Basic	N/A	N/A



Related Service Management Report (RSMR)







SY15-16 Related Service Management Report (RSMR) ⓘ



SY15-16 Related Service Management Report (RSMR)
Data last loaded: December 9 2016 9:31 AM
Published: October 14 2016 10:45 AM
Published to: LEA

Sheets | Bookmarks | Stories Create new sheet


▼ Base sheets (6)

 Introduction	 Prescribed and Delivered Metrics...	 Prescribed and Delivered Metrics...	 Prescribed Details	 Delivered Services Details	 Summary
---	--	--	---	--	--



Unified Data Errors Report








🕒 ⌵ ⌵ **SY16-17 Unified Data Errors** ⓘ



SY16-17 Unified Data Errors
Data last loaded: December 9 2016 8:15 AM
Published: December 2 2016 10:49 AM
Published to: LEA

📄 **Sheets** | 📌 Bookmarks | 📖 Stories ➕ Create new sheet

▾ **Base sheets (7)**

						
Unified Data Errors Summary	Enrollment Data Errors	Duplicative Enrollments	Attendance Data Errors	Special Education Data Errors	Transportation Data Errors	Trend



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Qlik Sense Login



Logging into Qlik from the web

- To access Qlik, users should navigate to <https://analysis.osse.dc.gov>.

The screenshot shows the login interface for Qlik Sense. At the top left, there is a blue header with the 'SLED' logo and the text 'DC STATEWIDE LONGITUDINAL EDUCATION DATA SYSTEM'. At the top right, there is a 'Log in' link. The main content area features two input fields: 'Email' and 'Password', each with a corresponding text label to its left. Below these fields is a 'Log in' button. To the right of the input fields is the 'Qlik Sense' logo, which includes the text 'Qlik Sense' and a green circular icon with a white 'S'. Below the login fields, there is a heading 'Welcome to the Qlik Sense Login' followed by a paragraph of text: 'Qlik Sense Hub requires an active SLED account. If you do not have a SLED account or you are unable to access the hub with your account, please contact the OSSE Help Desk at 202-719-6500 and have your information ready so the Help Desk technicians can provide assistance.' At the bottom left, there is contact information for the Office of the State Superintendent of Education, including the address '810 First St. NE, Washington DC 20002', the email 'sled.info@dc.gov', and the phone number 'P: (202) 727-6436'. At the bottom right, there is a small version of the OSSE logo.



Logging into Qlik from SLED

Users may also access Qlik by logging into SLED and clicking on the “Reports” tab and navigating to the “OSSE Analysis Tool” section.

SLED Statewide Longitudinal Education Data

Home Library- Reports- Search- Programs- Related Sites-

Current Roster

Sector

Displays current enrollment

Sector

DCPS

DYRS

Public Charter School

Data Quality Error Reports

- Error Summary
- Error Details List
- Duplicative Enrollment Report
- Data Quality Error Report
- Error Details List
- Discrepancy Report

OSSE Reports

- Enterprise Reporting System
- OSSE Reports
- OSSE Analysis Tool

21,831

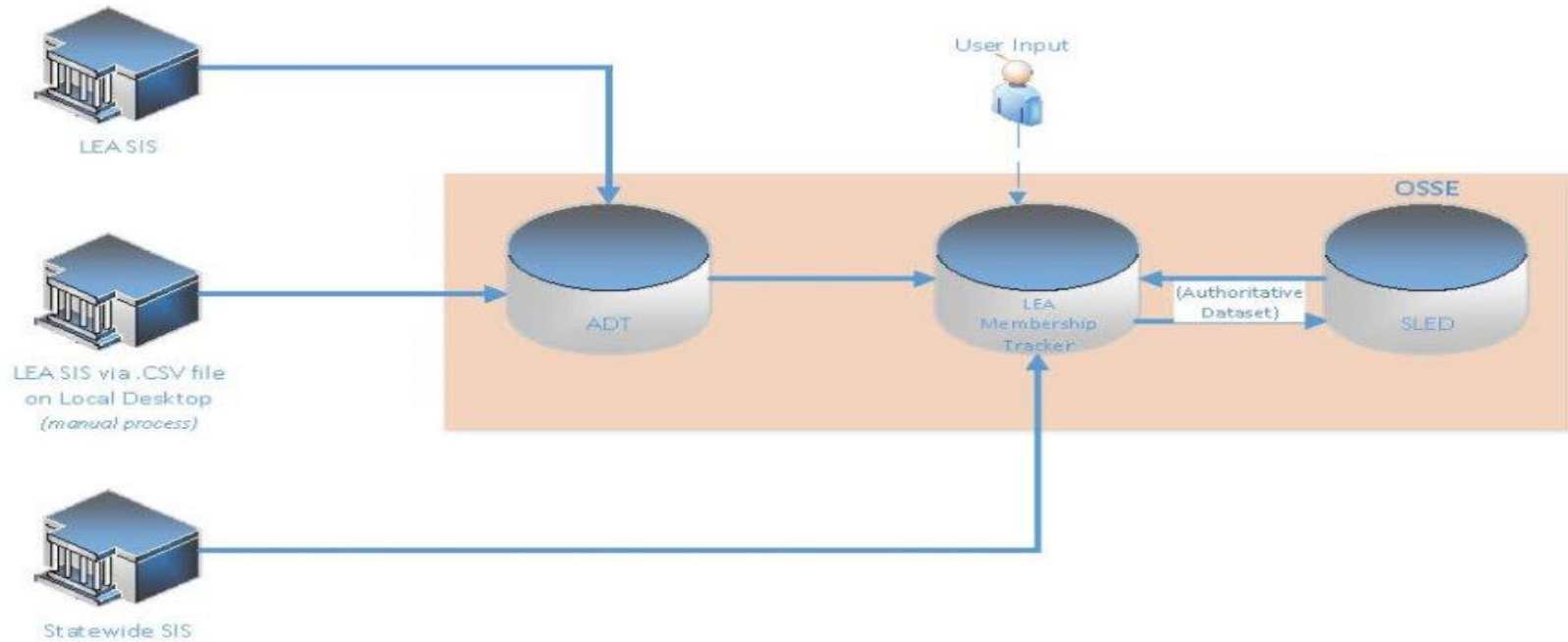


System Data Flow



System Data Flow Process

OSSE LEA Membership Tracker Data Flow version 3.0 (9/8/2016)





Demonstration/Hands-on Qlik Applications



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Reminders and Announcements from the DC public Charter School Board



Monthly Attendance Submission

- The Board's [Data Management Policy](#) requires schools to submit timely and accurate attendance each month
 - Minimum of 90% submission rate after five business days into the next month
 - DC PCSB may conduct audits of students' attendance records to check for accuracy



CFSA and Court Social Service Reporting

- DC PCSB reports the number of students who *should be* referred for chronic truancy
- DC PCSB will follow up with schools who report fewer students than they should according to attendance data in Qlik
 - CFSA referrals should be made for students accruing 10+ unexcused absences when students are between 5 and 13; CSS referrals are for students with 15+ unexcused absences for students between 14 and 17 years old.



Public Charter School Board Truancy Policy

- DC PCSB [Truancy Policy](#) is intended to make sure that schools focus on improving attendance for all students including students who are already truant. This policy is open to public comment until December 19th with proposed increases to the truancy rate thresholds.
- Current truancy rate threshold:
 - 20% (proposed 30%) for Elementary and Middle Schools
 - 25% (proposed 35%) for High Schools
 - 35% (proposed 45%) for officially designated alternative schools



Troubleshooting Tips Resources



Troubleshooting Tips/FAQs

- If you are having login issues, please check your user credentials provided by OSSE.
- Submit a ticket to the OSSE Support Tool for:
 - Access to the Qlik system
 - Qlik system issues
 - Student-level data issues



Training materials and resources can be found in SLED by clicking on “Library”

SLED Statewide Longitudinal Education Data

Home Library Reports Search Related Sites Help

Guides

- SLED Navigation Guide
- Data Access & Use Guide
- Document Exchange Quick Guide
- Duplicative Enrollment Resolution Affirmation Statement
- Statewide List of Research Priorities

Training

- Next Generation Assessments



Q&A

Please submit any additional questions to
OSSE via the OSSE Support Tool or to
OSSE.DARtraining@dc.gov



| Thank you!