

## **KIDS Project Successes**

The main goal of the KIDS Phase III Project was to provide a framework to allow a school district to electronically transfer student records to another school district and transcripts from school districts to Oregon universities and colleges.

Creating this framework required ODE to develop processes that push student record data from all school districts in Oregon to a central location at the ODE. To facilitate this push process ODE worked with six Regional Data Warehouse Providers who are actively working with school districts and storing their data.

## KIDS Project Successes

The following are some of the outcomes from the KIDS III Project:

1. Automated processes securely transfer data from school districts affiliated with one on the six Regional Data Warehouse Providers to the ODE. Working with Regional Data Warehouse Providers ODE staff streamlined and enhanced the process to move data to the ODE. We now have the capability of refreshing data every night. Currently we are running around 400K students through the KIDS load process. Included are current and historical records for student demographics, attendance, enrollment, programs, marks, graduation status, immunizations, and more.
2. Oregon Student [Record] Transfer Exchange (OSTX) makes it possible to quickly exchange student records between K-12 schools and student transcripts between K-12 schools and higher education institutions.
3. OAS and KIDS staff developed a database to provide easy maintenance of the business rules, codes, and other characteristics of the data collected by ODE. KIDS project provided access to the repository through an application called MetaViewer. Access to the MetaViewer is available at:  
<https://district.ode.state.or.us/apps/metaviewer/>
4. Simplified reporting of assessment data using graphical and charting software to provide transparency and support decision making.
5. Developed new reporting capabilities using OLAP cube technology that allows the user to manipulate and analyze data from multiple perspectives. Measures and categories can be interchanged to quickly provide different views of the data. In addition, filters can limit the data seen. This provides the end user more control over how they look at the data without the need for separate reports for each view.
6. Integrated the metadata into new reporting systems enabling users to get an immediate understanding of the rules and data when looking at reports.
7. Assisted in the development of the Student Centered ODS and developed a process to provide historical OAKS data through the Regional Data Warehouse Providers and the OSTX application.

KIDS Project Successes, cont'd

8. Web reports were developed for district and Regional Data Warehouse staff to view data loaded into ODE's ODS. This provides transparency to the districts data so they can verify what is received at the ODE.
9. Developed an easy way for districts to review errors in the data submitted to ODE. The reports provide a side-by-side comparison of the data in the file received and what was posted to the ODE database. This has an immediate benefit for school districts in that it allows them to review and correct any data errors well before the data is required for state collections.
10. ODE staff is trained in data warehouse development. The project plan tasks incorporated ODE staff as a resource which provided full knowledge transfer from the vendor to the KIDS staff. This will allow ODE staff to support, enhance, and develop Longitudinal Data System warehouses without the need of outside consultants providing savings of hundreds of thousands of dollars.
11. Knowledge of data warehousing and business intelligence reporting tools by ODE staff will provide additional support to the Regional Data Warehouse Providers.

## Next Steps

As the KIDS project continues we will:

- ✓ Continue to correct errors and update validation rules with a goal of increasing the number of districts with clean data loads.
- ✓ Insure that new data requirements and business rules are incorporated into the Transformation and Load process.
- ✓ Add teacher and course data and tie that to the related student information.
- ✓ Pilot the use of the KIDS data for use in state reporting.
- ✓ Ensure the data warehouse is set up to provide enhanced reporting using dashboards, scorecards, and cube based reporting.
- ✓ Provide access to load and error reports at the district level.
- ✓ Release the OSTX application and pilot the exchange of data with early adopter districts.
- ✓ Release the OSTX application for sending transcripts to Oregon universities and colleges.
- ✓ Provide training in the use of the OSTX application, the load and error reports, and the various reporting options.

.....and more.