



The P20 Connection

Volume 1, Issue 1

October 2011

Deliverables for October 2011

- Data Dictionary
- New Website & Data Portal
- New Validation Process
- 2011 High School Feedback Reports
- All data from KDE, CPE and EPSB will be in production
- Revisions to the data model completed
- Teacher Preparation Program Report

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Would you like to receive more newsletters as they are produced or e-mail updates about the project? Send an e-mail to P20@ky.gov and ask to be added to our mailing lists.

Introduction

Welcome to the first issue of Kentucky's P-20 Data Collaborative newsletter.

The P-20 project is an ambitious effort to connect data from different agencies so that policy makers and agency leaders can identify links between the agencies involved in the education to workforce continuum for the first time. The information will show how factors in high school affect college-going and college success, how teacher

preparation programs influence learning in their graduates' classrooms, and how education affects employment opportunities and earnings, as well as many other topics. Without linking these data together, it would be impossible to understand the relationships and provide data to policy makers and educational practitioners to make improvements.

The project team has completed planning and is in the midst of completing the

core production data system. As the team moves forward, the focus will shift from technical development to providing reports and information products to the agencies and other interested communities. This newsletter along with e-mail updates and a new website are some of the ways new information will be made available. A system is only as useful as the data it produces, and if it gets used by the people who need it.

News

Kentucky's New High School Feedback Reports

The collaborative will update high school feedback reports in December. The staff met with a focus group composed of educational leaders representing groups including parents, professional educators, school board members, superintendents and others to identify improvements

reports are developed. The new reports will be broken into specific topical areas and will represent a group of reports instead of a single report for each school. By using the P-20 system to develop reports, we will be able to examine "college-going" as well as "college success" for different types of students and subpopulations – which has never been possible before.

New Data Base Servers

The P-20 Data Collaborative is moving its system from shared and donated environments to new, high-end servers. The project has spent more than \$34,000 for two new database servers which are currently being moved into place. Another server and external storage are expected to be added over time.

News

Expanding the Data Sources

P-20 is working with the early childhood community and with the state office for Unemployment Insurance to bring additional data into the infrastructure. These data are confidential and will be heavily restricted but it will be possible to leverage the P-20 tools to link them with data from schools to better understand kindergarten readiness as well as the employment and earnings for graduates and dropouts from our schools and colleges.

P-20 Completes First External Data Request

The P-20 system is already successfully providing information to an external data request. The Office for Educational Accountability recently requested a file to link high school and college data about students so they could study the factors that influence “college-going” and “college success” in Kentucky. This initial request showcased how the new system can connect valuable K-12 and postsecondary information without revealing identifiable data.

The New (Web) Face of P-20 in Kentucky

The P-20 Data Collaborative unveiled a new website in October 2011. The site includes updated information about the project, copies of newsletters and other important documents. In October it will begin featuring new reports and data through its Data Portal. In addition to this newsletter and the site, the website will allow subscriber to get e-mail updates about the project and upcoming reports and publications.

National Staff Visit Kentucky

This past July, Dr. Tate Gould, program officer, and Yosef Seddig from the U.S. Department of Education’s Institute for Education Sciences, visited Kentucky along with a group of consultants to review the progress of the grant and meet with external and internal stakeholders to offer advice and suggestions for getting the most out of the project. A final report from their findings is expected soon.

New Reporting Tools

Twenty-one staff including developers, analysts and executive directors from the four agencies attended a three-day Business Objects Web Intelligence (Webi) course in August. This tool will be used for interactive and intuitive ad hoc reporting and analysis. The tool’s cutting-edge visualization functionality allows users to view two- and three-dimensional charts. Webi enables business analysts and non-technical consumers to ask spontaneous and interactive business questions about their data. Users have decision-quality information at their fingertips to investigate issues and identify the root causes of problems without relying on IT to create reports.

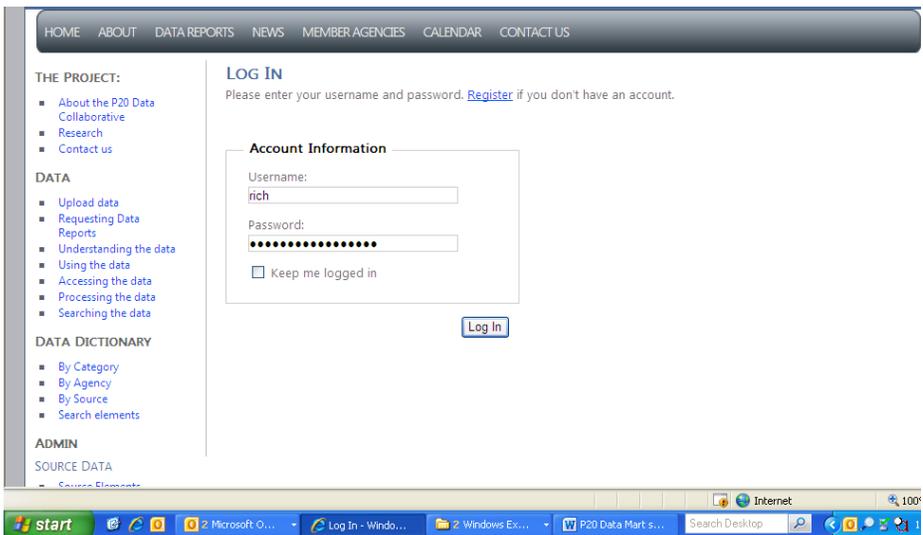
New Data Upload & Application

The home page for the P-20 Data Collaborative Data Mart provides easy to use functions. The tool bar at the top and the left column provide an index of capabilities for quick display and access. This includes an overview description of the P20 project, and access to the data upload features, data dictionary and administrative features to support the data upload processes.

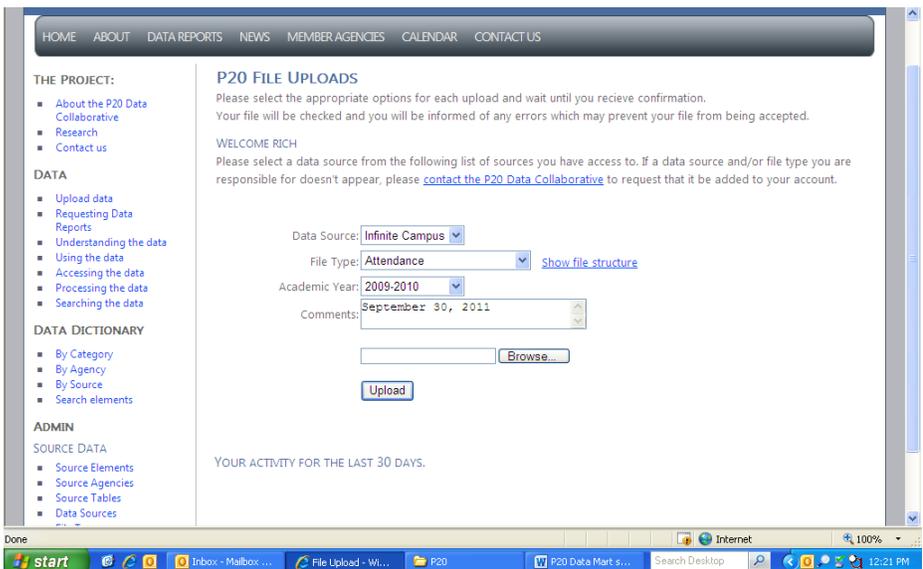
To register, users create their own account and the roles will be assigned by the P20 staff. There also will be a password reset feature added to the initial screen. Agency users will access the system through a secure login.

The P20 File Upload Screen allows users to select the data source, file type and academic year to be uploaded to

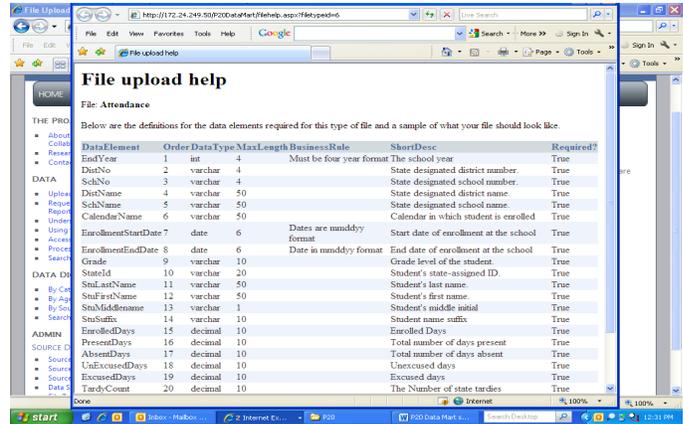
the Data Mart. These selections are limited to the agency associated with the users sign on based on their registration. The bottom half of the screen will display a running summary of the uploaded files and their status in the Data Mart.



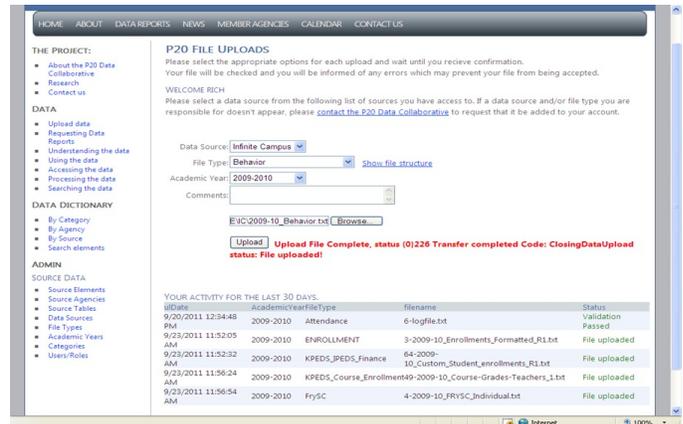
Once users have selected the drop down options for their upload task, they can select the “UPLOAD” button to start the process.



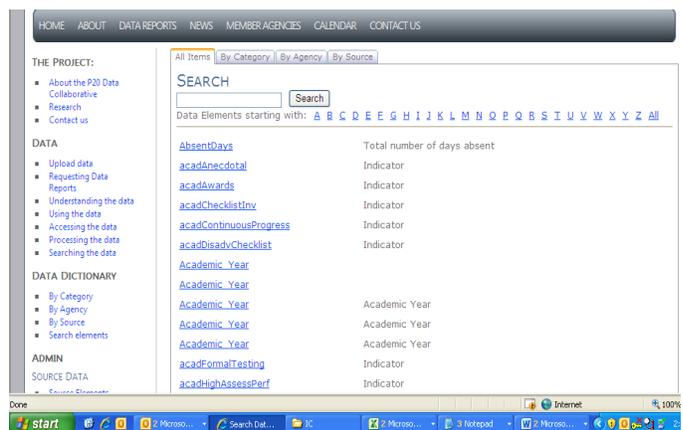
If users are not sure of the file layouts for their input process, they can select “Show file structure” to review and validate the format of the submission file being sent to P20.



Users can select the “Browse” button to find and select an input file. Then they can press the “Upload” button to process and send the file to P20. Once the file has been successfully transmitted users will receive an email from P20 that the file was uploaded.



The new Data Dictionary can be accessed by category, agency, source and data field elements. If users have proper authority, they can edit and update the fields at the data element level. It is fully searchable.





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Data Currently Available in the P-20 System

Data	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<u>KDE:</u>						
Infinite Campus (K-12)	✘	✘	✘	●	●	○
Assessment (K-12)	✘	●	●	●	●	○
MUNIS (Professional/Certified Teacher Data)	✘	✘	●	●	●	○
<u>CPE:</u>						
KPEDS (Postsecondary Data)	●	●	●	●	●	○
AERIN (Adult Education Data)	✘	✘	✘	●	●	●
<u>EPSB:</u>						
Teacher Certification Data	✘	✘	●	●	●	○

Note: We are working toward integrating the Workforce and Early Childhood data

✘ - Not Planned ● - Received ◐ - Partially Received ○ - Not Received