



## **Monthly Report for November 2016**

*Submitted December 5, 2016*

### **Meetings**

#### MDAir Fall Conference

Angela Henneberger, Laia Tiderman, and Ross Goldstein attended the Maryland Association of Institutional Researchers 30th Annual Fall Conference on November 11th. Center staff presented the following:

- The Who, What, Where, When, and How of the MLDS
- Remedial Coursework in Maryland Colleges: Examining High School Predictors and College Outcomes

Both presentations were well received, and allowed MLDS Center staff to discuss with participants the resources available from the MLDS, how the Center can be of benefit to their institutions, and the types of research that is of interest and supportive of their work.

#### P-20 MCCRS/PARCC Workgroup Meeting

On November 8th, Ross Goldstein and Laia Tiderman attended the P-20 Workgroup meeting for Maryland College and Career-Readiness Standards and PARCC. Center staff assisted the workgroup in crafting recommendations that support the workgroup's priority area to "analyze data to understand the current state of the implementation of the standards and assessments in Maryland".

#### Forum on New Jersey's Education, Higher Education, and Workforce P20W Longitudinal Data System

On December 1<sup>st</sup> and 2<sup>nd</sup>, Ross Goldstein attended New Jersey's Forum on the development of their P20W System where he was invited to participate in a panel discussion entitled: *Establishing useful and effective integrated data systems and partnerships at the state level: Lessons Learned from Leading States*. Key areas Mr. Goldstein was asked to address included managing expectations, resources necessary to support the system, how long development and implementation took, and how the data is being used.

### **MLDS Data Inventory**

The [MLDS Data Inventory](#) is updated annually and reviewed and approved by the Governing Board at the December meeting. During the October Data Governance Advisory Board (Data GAB) meeting, Center staff collaborated with our partner agencies on additions to the Data Inventory. Center staff have been working to develop a dynamic Data Inventory that will be accessible on the MLDS website. The dynamic Data Inventory will replace the previous static versions, and will allow users to sort and view the data elements in a variety of ways.

### **2017 Data Collection Calendar**

The MLDS revises the [Data Collection Calendar](#) annually. During the October Data GAB meeting, Center staff collaborated with our partner agencies to revise the Data Collection Calendar to meet the needs of both the partner agency and MLDS. The Data Collection Calendar will be presented to the MLDS Governing Board at the December meeting for approval.

### **Accountability Process for Late Data Submissions**

In collaboration with the Data GAB, MLDS staff have developed an accountability process for handling late data submissions. When a data submission from a partner agency is late, the accountability process provides for a series of notifications to senior agency officials, the agency head, and ultimately to the Governing Board. This process is intended to ensure compliance with the agreed upon data collection calendar and provide appropriate notification when late filings occur. The process does include an opportunity for a revised filing date in the event that extenuating circumstances have prevented the agency from meeting the Data Collection Calendar date.

### **GovDelivery**

On November 2<sup>nd</sup>, MLDS Center Staff met, via WebEx, with representatives from GovDelivery to learn more about this free service offered through Google Apps for the State of Maryland. Center Staff hope to use this communications tool to improve communications and outreach with stakeholders.

### **Research**

The November research series presentation was presented by Dr. Rachel Durham and Dr. Faith Connolly from the Baltimore Education Research Consortium (BERC). As authorized temporary staff of the Center, they used data from the MLDS to examine the postsecondary college and workforce outcomes among Baltimore City high school graduates.

The research team has been finalizing the analyses and write up for a research report on the workforce outcomes of Maryland high school students by achievement level. This report was also prepared for the December research series.

The 2016 dual enrollment report has been drafted and findings were reviewed with external stakeholders. Code has been written to conduct preliminary analyses on two research reports planned for the Spring of 2017: (1) a report examining the workforce outcomes of Maryland high school students who enrolled in college in-state compared to Maryland high school students who enrolled in college out-of-state and (2) a report examining how financial aid impacts college and workforce outcomes for Maryland students.

### **Systems Management**

#### Security Audit

The second phase of the Security Audit, which was a Penetration Test, was completed and staff received the final audit report with recommendations. Staff is currently assessing each recommendation to determine how best to implement corrective actions.

#### Dashboards

Staff is working on a series of dashboards analyzing graduates of Maryland colleges who go on to work in Maryland Public Schools. The dashboards will look at graduates who are first-time teachers, which LEA employs them, how long it takes them to find employment, and their salary.

#### Data Loading

Staff completed loading the MHEC Enrollment Information System (EIS) collection for the fall term of academic year 2016. The identity matching for 2015 EIS file resulted in 99.1% of records being matched to an existing identity using a combination of MSDE, MHEC and MVA identity variables.

Staff also completed loading:

1. MSDE file on Staff, Staff Assignments & Staff who are eligible to teach (2008-2016);
2. Students who received GED from December 2015 - June 2016;
3. Correctional GED through September 2016; and
4. NEDP from December 2015 - Sep 2016.

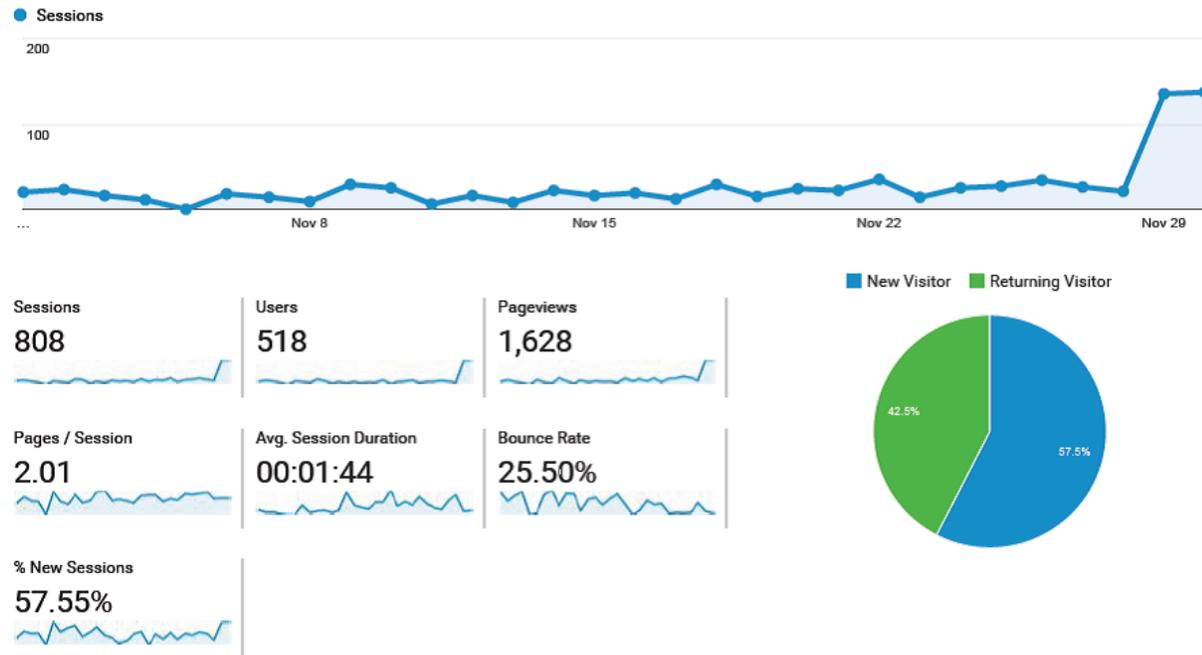
Staff continues to perform identity resolution for individuals who have multiple system IDs for the same Social Security Number. Identity resolution is an ongoing process with every data load.

#### Other Tasks and Accomplishments

1. Reviewed and scheduled interviews for candidates for the two new positions: Data Analyst and Business Analyst.
2. Completed disabling/restricting user access to MDM (Master Database Management). This will further prevent outsiders and restricted internal users from accessing the MDM database.
3. Completed applying Windows patches on all the VM's and OBIEE patches to the database server.
4. Completed encrypting MDM staging schema at tablespace level.
5. Completed populating sync ID's on our Active directory and working with DoIT to finish the process of syncing Google Gmail with the MLDS Active Directory.
6. Created Data Inventory Update application with hyperlinks in Oracle Test and Production and developing dashboard for public data inventory on the website.
7. Continued to work with DoIT and MSDE to resolve latency issues following the migration to the managed firewall (the system is 3 times slower).
8. Working to resolve slowness in various programs following the installation by DoIT of McAfee Anti-Virus on MLDSC machines.
9. Completed setting up a new file server for MLDSC, which will be the go forward solution for MLDSC documents.
10. Completed adding new presentations for the last Research Series on the website.
11. Completed updating both the Researchers and Staff pages on the website.

## Website Usage

This is an overview of traffic to the website and this is categorized by sessions, pages, page views etc.



## Dashboard Views

Dashboard Name	No of Hits
High School Graduates - Initial Postsecondary Enrollments by Year	43
High School Graduates - Initial Postsecondary Enrollments	37
High School Graduates - Initial Postsecondary Enrollments by County	21
Initial Postsecondary Enrollments - In-State vs. Out-of-State	15
High School Outcomes - Overview	12
High School Graduates - Initial Postsecondary Enrollments by FARMS Status	10
Workforce Participation by High School Outcomes	8
Charter Schools Overview	8
High School Graduates - Initial Postsecondary Enrollments by Gender	7
High School Outcomes and Postsecondary Enrollment Status - Overview	6