Annual Directors’ Meeting (ADM)

MSIX Update
Washington D.C.
March 2018
Agenda

• Legal References
• Summary of FY 17 MSIX Accomplishments
• Process Improvements
• Technology Innovation
• Current Initiatives
Legal References

Statute

Section 1304(b)(3) and Section 1308(b) – Timely transfer of pertinent school records and linkage of States migrant student records systems

Code of Federal Regulations

34 CFR §§ 200.81, 200.82(c) and 200.85 – Student record transfer and MSIX regulations

Guidance

Chapter VI, D – Coordination
## Summary of Fiscal Year (FY) 17 MSIX Accomplishments

<table>
<thead>
<tr>
<th>Mission Related</th>
<th>Technology Innovation</th>
<th>State Outreach</th>
</tr>
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<tbody>
<tr>
<td>• Child Count Reports</td>
<td>• Responsive Web Design (RWD) for MSIX Reports</td>
<td>• Monthly Updates via MEPSTATE ListServ</td>
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<tr>
<td>• State Profile Charts</td>
<td>• Cloud Migration</td>
<td>• Webinars</td>
</tr>
<tr>
<td>• Data Requests</td>
<td>• Human Centered Design</td>
<td>• Usability Sessions</td>
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<td>• Renewal of ISAs</td>
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<td>• Support State operated database migrations</td>
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<td>• Monitoring for MSIX Compliance</td>
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<td>• Training at NASDME</td>
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Process Improvements
User-Centered Design

• A creative approach to problem solving
• Build empathy with the people you’re designing for
• Source problems rather than seek solutions
Reports Modernization Approach

We want to ensure we continue to develop with an eye towards how to best solve for users in our system. There are two primary needs:

• Users can complete tasks, end-to-end
• Users have the tools to do this

1. Utilize front end (RWD) to work with students
2. Build and interact with reports to track activity
Welcome MSIX TEST

MSIX Beta Test Site
User Driven Usability Testing

- Users called in to Help Desk to participate as Beta Testers
- MSIX Help Desk reached out to those who called in tickets on Worklists and reports.
- Those interested in participating in Usability Sessions should contact the MSIX Help Desk.
**Usability Study**

**Welcome**

The MSIX team will ask a set of preliminary questions, prior to the user interacting with the application or prototype.

**Pre-Test Interview**

The MSIX team will conduct usability testing in either in-person or virtually, depending on the needs of the user group.

**Interview**

After the user has completed release/prototype testing, the MSIX team will ask follow up questions to assess users' thoughts and feelings about the experience.

**Release / Prototype Testing**

The MSIX team will observe the user's behavior and interaction with the application / prototype.

**Debrief**

The MSIX team will assess the feedback and observations and document requirements for MSIX.
Beta Release

The focus for beta testing will be to gain feedback from users about the redesign before releasing the new version to all users. We will also use this time to determine ways in which the reports system will be most useful for users.
Beta Release

How will we collect feedback?
Throughout the beta time period, the users will be advised to file help desk tickets if they experience any issues with the beta application or have any trouble navigating and using the reports. Halfway through the beta time period, the team will conduct a set of open feedback sessions with the users to gather any additional feedback and ask questions.
Beta Release – Feedback Session Questions

• How can the reports section be more helpful?
• What information do users need upfront?
• Do new users understand what the purpose of the reports section?
• Which existing reports are most helpful?
• Which reports need to be “re-imagined”?
• What reporting tools are helpful?
• Are the call to actions clear to users?
• Are the metrics easily understood and clear to users?
• Which of the current content/tools are used? Are there others?
• Which reports are most heavily accessed? Which are least accessed?
States Participating in Usability Sessions to Date

- Colorado
- Florida
- Georgia
- Indiana
- Kentucky
- Michigan
- Nebraska
- Nevada
- Ohio
- Pennsylvania
- Washington

A Big Thank You to all the MEP Staff from participating States! We ask that State Directors encourage their staff to participate.
Technology Innovations
Responsive Web Design (RWD) for Reports
Cloud Migration

Our cloud architecture provides scaling capabilities to meet usage demand and agility to make technical changes efficiently when necessary.

Better security posture through cloud services to protect against increasing threats.

Our approach allows us to build a DR strategy by replicating services across the coast.

Continuous monitoring to proactively detect and solve operational necessities.
State Profile Visualization

Chart 5a - All Inter and Intrastate Qualifying Moves To & From Texas (Duplicated)

Chart 5a depicts the duplicated number of Qualifying Moves To and From Texas during the Performance Period. Chart 5a is only representative of Texas data.

Number of Moves

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<tr>
<td>12</td>
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- Washington 45
- Oregon 80
- Idaho 110
- Montana 99
- Nevada 350
- California 650
- Arizona 500
- Colorado 25
- Texas 800
- Oklahoma 88
- New York 50
- Pennsylvania 50
- Michigan 12
- New Jersey 77
- Florida 77
- Florida 56
- Georgia 56
- Indiana 250
- Ohio 50
- Iowa 70
Chart 7 - Monthly Distribution of Missed Enrollments

Chart 7 depicts Texas’ Missed Enrollments throughout the Performance Period. Missed Students represent the unduplicated count of students that had Qualifying Moves To or From Texas without an associated Enrollment 12 months after their move. Missed QADs represent the duplicated count of missed Enrollments that correspond with a student’s most recent Qualifying Move without an associated Enrollment 12 months after their move. The size of the bubble is proportional to the number of Missed Students and Missed QADs.
Current Initiatives
Account Management Improvements/Changes

**Short Term**
- Update Account Application with Intended Use section
- Automatic disabling of inactive accounts

**Long Term**
- Streamline new user application and registration
- Self-service account/password management
- Enhance user login experience
- Enhance security for privileged users
State-Managed Child Count Reconciliation

• Assist States to build capacity to review, compare, and reconcile migrant-specific State system generated Child Count data with MSIX.

• Participation limited to nine States.

• States receive technical assistance (TA) for reviewing and ensuring the quality of Child Count data.

• State participation and feedback will be utilized to refine and improve upon the MSIX Child Count reconciliation process for all States.
ADM Break Out Sessions for MSIX

Day 2, March 6
• Monitoring for MSIX
  Interactive Informational Workshop
  Room: 1W 105/108
  2:50 – 3:40 PM

Day 3, March 7
• MSIX Promising Practices
  Interactive Informational Workshop
  Room: LBJ Auditorium
  10:20 – 11:10 AM
Thank you to the all State Directors and Staff who help us continuously improve MSIX
Thank you

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The mission of the Office of Migrant Education is to provide excellent leadership, technical assistance, and financial support to improve the educational opportunities and academic success of migratory children, youth, agricultural workers, fishers, and their families.