

Tsc emis form for ecd Textbook

TSC EMIS Form for ECD

In the realm of early childhood development (ECD), ensuring proper management and record-keeping is paramount for the effective delivery of services and compliance with educational standards. The TSC EMIS Form for ECD has become an essential tool for teachers, administrators, and education stakeholders to streamline data collection, reporting, and resource allocation within pre-primary institutions. This comprehensive guide explores the significance, structure, and application of the TSC EMIS form tailored specifically for ECD centers.

Understanding the TSC EMIS Form for ECD

What is the TSC EMIS Form?

The TSC EMIS (Teacher Service Commission Education Management Information System) form is a standardized data collection instrument designed to gather critical information about educational institutions, teachers, learners, and resources. It serves as a basis for policy formulation, resource distribution, and monitoring and evaluation within the education sector.

Focus on ECD

When adapted for Early Childhood Development (ECD) centers, the form captures data pertinent to pre-primary education providers, including:

- Number of enrolled children
- Teacher qualifications and staffing
- Infrastructure and learning resources
- Health and safety measures

This tailored approach ensures that ECD institutions are adequately represented in national educational data systems.

Importance of the TSC EMIS Form for ECD

Enhances Data Accuracy and Reliability

Accurate data collection through the EMIS form helps in:

- Identifying gaps in infrastructure and staffing
- Tracking enrollment trends
- Planning resource allocation effectively

Facilitates Policy Development and Funding

Reliable data supports:

- Evidence-based policymaking
- Justification for funding and resource distribution
- Monitoring progress toward educational goals, such as universal access to quality ECD

Improves Institutional Management

For ECD centers, the form:

- Assists in maintaining compliance with regulations
- Aids in curriculum planning
- Enhances reporting and accountability

Structure of the TSC EMIS Form for ECD

The form is systematically organized into sections to cover all relevant data points. Understanding its structure helps in efficient data collection and submission.

1. Institutional Information

This section captures basic details about the ECD center:

- Center Name
- Location (County, Sub-county, Ward)
- Type of Center (Private/Public/NGO)
- Ownership Details
- Contact Information

2. Enrollment Data

Details about the children enrolled:

- Total number of children aged 3-6 years
- Breakdown by age group
- Number of boys and girls
- Attendance rates

3. Staffing and Teachers

Information on personnel:

- Total number of teachers
- Teacher qualifications (certified/not certified)
- Teacher-student ratio
- Support staff presence

4. Infrastructure and Facilities

Details on physical resources:

- Number of classrooms
- Availability of play areas
- Sanitation facilities
- Learning materials and teaching aids

5. Learning Resources and Materials

Data on educational resources:

- Availability of age-appropriate learning materials
- Availability of books, toys, and teaching aids
- Use of digital learning tools (if any)

6. Health and Safety

Critical health-related data:

- Immunization status of children
- Presence of health personnel

- Safety measures and emergency procedures
- First aid facilities

7. Financial and Administrative Data

Information on funding and management:

- Sources of funding (fees, grants, donations)
- Operational costs
- Registration and licensing status

How to Fill the TSC EMIS Form for ECD

Preparation

Before completing the form:

- Ensure all data is up-to-date
- Gather records and reports from teachers, administrators, and health personnel
- Cross-verify enrollment figures and staffing details

Step-by-Step Process

- Start with Institutional Information: Fill in accurate details about the ECD center.
- Complete Enrollment Data: Use attendance registers and enrollment logs.
- Update Staffing Information: Confirm teacher qualifications from payroll or HR records.
- Record Infrastructure and Resources: Conduct a physical inspection if necessary.
- Capture Learning Resources: Inventory available materials and tools.
- Document Health and Safety Measures: Consult health records and safety inspections.
- Add Financial Data: Review financial statements and operational reports.

Submission and Follow-Up

- Submit the completed form within the stipulated deadlines, usually annually.
- Keep copies for internal records and future reference.
- Address any discrepancies or missing data promptly.

Common Challenges and Solutions in Using the TSC EMIS Form for ECD

Challenges

- Incomplete or inaccurate data entries
- Lack of record-keeping at some centers
- Limited understanding of the form's requirements
- Technological barriers in digital submissions

Solutions

- Provide training sessions for ECD center staff on data collection and form filling
- Implement regular internal audits to verify data accuracy
- Offer technical support and user guides for digital submissions
- Encourage collaboration between teachers, administrators, and health personnel

Benefits of Properly Using the TSC EMIS Form for ECD Centers

- Enhanced Data Visibility: Facilitates a clear picture of the state of ECD services across regions.
- Better Resource Allocation: Ensures that centers with higher needs receive appropriate support.
- Improved Quality of Education: Data-driven decisions contribute to curriculum improvements and staff development.
- Compliance and Accreditation: Demonstrates adherence to national standards and policies.
- Monitoring and Evaluation: Allows stakeholders to track progress over time and adjust strategies accordingly.

Conclusion

The TSC EMIS Form for ECD is a vital instrument that supports the effective management, planning, and development of early childhood education in Kenya. By understanding its structure, importance, and the correct procedures for filling it out, ECD centers can contribute valuable data that informs policy, enhances service delivery, and ultimately improves outcomes for young learners. Regular and accurate completion of this form not only ensures compliance but also plays a crucial role in shaping the future of early childhood education nationwide.

TSC EMIS Form for ECD: A Comprehensive Review

The TSC EMIS Form for ECD (Early Childhood Development) is an essential digital tool designed to streamline the management, reporting, and monitoring of early childhood education programs within the framework of the Teachers Service Commission (TSC) in Kenya. As the education sector increasingly adopts technological solutions to enhance efficiency and accountability, the EMIS (Education Management Information System) form tailored for ECD centers has gained prominence. This review aims to provide an in-depth analysis of the TSC EMIS form for ECD, exploring its features, benefits, challenges, and overall impact on early childhood education management.

Understanding the TSC EMIS Form for ECD

What is the TSC EMIS Form for ECD?

The TSC EMIS form for ECD is a standardized digital template used by early childhood education centers registered under the Teachers Service Commission. It is part of the broader Education Management Information System (EMIS) that consolidates data across various levels of the education sector. The form is designed to collect detailed information about ECD centers, their staff, student enrollment, infrastructure, and other operational metrics.

This digital form serves multiple purposes:

- Facilitates accurate data collection and reporting.
- Enhances transparency and accountability.
- Supports policy formulation based on real-time data.
- Simplifies administrative processes for ECD centers and the TSC.

Legal and Policy Framework

The deployment of the TSC EMIS form aligns with Kenya's national education policies aimed at digitizing education management. It complements initiatives such as the Integrated Education Management System (IEMS) and the National Education Sector Plan (NESP). The form also adheres to data protection standards to ensure confidentiality and integrity of the information submitted.

Features of the TSC EMIS Form for ECD

Key Features and Components

The TSC EMIS form for ECD encompasses various sections capturing comprehensive data:

- Center Information: Name, registration number, location, type (public/private), and ownership details.
- Staff Details: Number of teachers, their qualifications, training levels, and employment status.
- Student Enrollment: Number of enrolled children, age groups, gender distribution, and attendance records.
- Facility Details: Infrastructure information such as classrooms, sanitation facilities, playgrounds, and learning materials.
- Financial Data: Funding sources, fee structures, and resource allocation.
- Performance Metrics: Evaluation reports, assessment outcomes, and growth indicators.

These components ensure that the data collected is holistic, facilitating effective decision-making.

Digital Platform and Accessibility

The EMIS form is accessible via the TSC's online portal or designated mobile applications, making it convenient for ECD administrators to submit data from remote locations. The user-friendly interface guides users through each section, reducing errors and improving completeness.

Data Validation and Security

The system incorporates validation rules to prevent inconsistent or incomplete entries. It employs encryption protocols to safeguard sensitive data, aligning with data privacy standards. Additionally, role-based access controls restrict data editing privileges to authorized personnel.

Advantages of Using the TSC EMIS Form for ECD

For ECD Centers

- Streamlined Administration: Digital submission reduces paperwork, saves time, and minimizes administrative burdens.
- Enhanced Data Accuracy: Validation checks help in reducing errors, leading to reliable data.
- Easy Access to Reports: Centers can generate reports for internal review or stakeholder engagement.
- Compliance and Funding: Proper documentation ensures centers meet regulatory requirements and qualify for government funding or support.

For the Teachers Service Commission

- Efficient Data Management: Centralized data collection simplifies monitoring and analysis.

- Informed Policy Decisions: Real-time data helps in identifying gaps, resource needs, and performance trends.
- Resource Allocation: Better data supports targeted resource distribution to underperforming areas.
- Accountability: Transparent reporting mechanisms foster accountability among stakeholders.

For the Education Sector

- Data-Driven Planning: Facilitates evidence-based planning and policy formulation.
- Monitoring and Evaluation: Enables tracking of progress towards national education goals.
- Stakeholder Engagement: Provides reliable data for engagement with development partners and donors.

Challenges and Limitations

While the TSC EMIS form for ECD offers numerous benefits, it also faces certain challenges:

- Technical Barriers: Limited internet connectivity in remote areas can hinder timely data submission.
- Capacity Gaps: Some ECD centers may lack the technical skills or training to effectively use the digital system.
- Data Privacy Concerns: Ensuring data security remains critical, especially with sensitive information about children.
- Cost of Implementation: Initial setup, training, and maintenance require financial resources.
- Resistance to Change: Some staff may prefer traditional paper-based methods over digital forms.
- Data Overload: Managing large volumes of data can be overwhelming without adequate data management infrastructure.

Best Practices for Effective Use of the EMIS Form

To maximize the benefits of the TSC EMIS form for ECD, several best practices should be observed:

- Training and Capacity Building: Regular training sessions for ECD administrators and staff on system use and data management.
- Infrastructure Development: Ensuring reliable internet access and provision of necessary hardware.

- Data Quality Assurance: Implementing routine data audits and validation exercises.
- Stakeholder Engagement: Encouraging feedback from users to improve system usability.
- Data Privacy Policies: Strict adherence to confidentiality protocols and data protection laws.

Future Outlook and Recommendations

The integration of the TSC EMIS form within the ECD sector marks a significant step towards modernizing early childhood education management in Kenya. For sustained success, the following recommendations should be considered:

- Continuous System Improvement: Regular updates to enhance user experience and incorporate new features.
- Scaling Infrastructure: Expanding reliable internet access, especially in rural and underserved areas.
- Increased Awareness: Conducting awareness campaigns to promote system adoption and compliance.
- Integration with Other Systems: Linking EMIS data with health, social services, and other relevant platforms for comprehensive child development monitoring.
- Monitoring and Evaluation: Establishing feedback mechanisms to assess system performance and user satisfaction.

Conclusion

The TSC EMIS Form for ECD plays a pivotal role in transforming early childhood education management in Kenya by providing a centralized, efficient, and transparent platform for data collection and reporting. Its features facilitate better decision-making, resource allocation, and policy formulation, ultimately contributing to improved educational outcomes for young children. Despite challenges related to infrastructure, capacity, and data security, ongoing investments, training, and system enhancements can mitigate these issues. As the education sector continues to embrace digital solutions, the TSC EMIS form stands out as a vital tool in shaping a more accountable and data-driven early childhood education landscape.

QuestionAnswer What is the TSC EMIS form for ECD teachers? The TSC EMIS form for ECD teachers is an electronic data collection tool used by the Teachers Service Commission to register and manage Early Childhood Development (ECD) teachers' information and employment details. How do I access the TSC EMIS form for ECD teachers? You can access the TSC EMIS form for ECD teachers through the official TSC online portal or the TSC Digital Platform by logging into your account with your credentials. What information is required when filling out the TSC EMIS form for ECD? The form requires details such as personal information, employment status, teaching qualifications, school details, and other relevant data to ensure accurate registration and

record-keeping. Is the TSC EMIS form for ECD teachers mandatory? Yes, all ECD teachers are required to fill and submit the TSC EMIS form to ensure they are officially registered and their employment details are accurately captured. How often should ECD teachers update their TSC EMIS information? ECD teachers should update their TSC EMIS information whenever there are changes in their employment details, qualifications, or personal information, and at least once annually during the registration period. What are the benefits of submitting the TSC EMIS form for ECD teachers? Submitting the form ensures proper registration, access to employment benefits, participation in training programs, and accurate data management by TSC for planning and policy purposes. What should I do if I encounter issues while filling the TSC EMIS form for ECD? If you experience issues, contact the TSC helpdesk or visit the nearest TSC county office for assistance. You can also consult the official TSC guidelines for step-by-step instructions. Can I complete the TSC EMIS form for ECD online? Yes, the TSC EMIS form for ECD teachers is designed to be completed online via the TSC portal, making the registration process more efficient and accessible.

Related keywords: TSC EMIS form, ECD teacher registration, TSC EMIS portal, early childhood development form, TSC EMIS login, ECD teacher registration process, TSC EMIS guidelines, ECD teacher data submission, TSC EMIS requirements, early childhood education form

Emis Tnschools

Emis Tnschools

Emis Tnschools: Unlocking the Digital Future of Tamil Nadu Education

emis tnschools is an acronym that stands for Education Management Information

System specific to Tamil Nadu schools. This digital platform plays a pivotal role in streamlining the administration and management of schools across the state, allowing for efficient data handling, real-time monitoring, and enhanced transparency. For educators, administrators, parents, and policymakers alike, understanding how emis tnschools functions can open doors to better educational outcomes and informed decision-making.

What is EMIS TNSchools?

EMIS TNSchools is a comprehensive online database and management tool initiated by the Tamil Nadu School Education Department. It is designed to collect, store, and analyze data related to all government and government-aided schools in Tamil Nadu. From student enrollment details to teacher attendance and infrastructure status, EMIS acts as the backbone of educational data management at the state level.

By digitizing these records, the state aims to reduce paperwork, minimize errors, and ensure that accurate information is readily accessible. This transformation not only promotes accountability but also fosters a data-driven approach to policy formulation and resource allocation.

Key Features of EMIS TNSchools

One of the standout features of EMIS TNSchools is its user-friendly interface that allows school officials to update and verify data seamlessly. Here are some crucial aspects of the system:

Student Information Management: Captures details such as enrollment,

1.

attendance, performance metrics, and demographic data.

Teacher and Staff Records: Maintains comprehensive profiles including

2.

qualifications, postings, and leave management.

Infrastructure Monitoring: Tracks the physical conditions of school buildings,

3.

classrooms, and facilities like libraries and laboratories.

Real-time Reporting: Enables instant generation of reports which can assist in

4.

monitoring educational progress and identifying gaps.

Integration with Other Systems: Works in tandem with scholarship portals,

5.

exam management systems, and other government initiatives.

How EMIS Bene?ts Tamil Nadu Schools

The introduction of EMIS has revolutionized how schools operate in Tamil Nadu. Beyond just data collection, it serves as a catalyst for numerous improvements in the educational ecosystem.

Improved Data Accuracy and Accessibility

Prior to EMIS, school records were maintained manually, often leading to discrepancies and data loss. EMIS tnschools digitizes this information, drastically reducing errors. School administrators can update records regularly, and the data becomes accessible to various stakeholders, including district education o?cers and state-level authorities.

Enhanced Decision-Making and Policy Planning

With consolidated data from thousands of schools, education o?cials can identify trends and areas that need attention. For example, if a district shows declining enrollment rates or poor infrastructure, targeted interventions can be planned. This data-driven planning

ensures resources are allocated efficiently and reforms are more impactful.

Streamlined Scholarship and Welfare Programs

Many government scholarships and schemes rely on accurate student data. EMIS TNSchools integrates smoothly with scholarship portals, helping verify eligibility and facilitating timely disbursement of funds. This reduces delays and ensures deserving students receive support promptly.

How to Access and Use EMIS TNSchools Portal

The EMIS TNSchools platform is accessible online, offering easy login options for school officials and education department personnel.

Step-by-Step Guide for School Administrators

Visit the official EMIS TNSchools website.

1.

Use the assigned username and password to log in securely.

2.

Navigate to the relevant sections such as student data entry, teacher details, or

3.

infrastructure information.

Update records regularly to maintain accuracy.

4.

Generate reports as needed for internal review or submission to higher authorities.

5.

Tips for Effective EMIS Usage

Regular Updates: Make it a habit to update data monthly or quarterly to avoid

1.

backlog and ensure real-time accuracy.

Verification: Cross-check entries with physical records to minimize discrepancies.

2.

Training: School staff should undergo periodic training sessions on how to navigate

3.

the EMIS portal efficiently.

Data Security: Maintain strong passwords and limit access to authorized personnel

4.

to protect sensitive information.

The Role of EMIS in Enhancing Education Quality

EMIS is more than just a database; it is a strategic tool that supports the overall quality of education in Tamil Nadu.

Monitoring Student Performance and Attendance

By tracking attendance and academic performance through EMIS, schools can identify students who may require additional support. Early intervention programs can be

designed to help those lagging behind, thereby reducing dropout rates and improving learning outcomes.

Facilitating Transparent Governance

Transparency is crucial in public education systems. EMIS ensures that data related to school functioning is transparent and accessible to the right authorities. This transparency helps curb malpractices and encourages responsible management at the grassroots level.

Supporting Infrastructure Development

Infrastructure data collected through EMIS allows education planners to prioritize repairs, expansions, and new constructions. Schools in remote or underdeveloped areas get attention based on factual data rather than assumptions.

Challenges and Future Prospects of EMIS TNSchools

While EMIS tnschools has transformed educational data management, it is not without challenges.

Challenges

Digital Literacy: Not all school sta? may be equally comfortable with digital tools,

1.

leading to potential data entry errors.

Connectivity Issues: Remote areas with poor internet access can hamper timely

2.

data updates.

Data Privacy Concerns: Safeguarding student and staff data against unauthorized

3.

access remains a priority.

Looking Ahead

The Tamil Nadu government continues to invest in upgrading the EMIS platform by incorporating advanced analytics, mobile accessibility, and AI-driven insights. These enhancements aim to make the system more intuitive and capable of predicting educational needs before they become critical.

Moreover, integrating EMIS with national education initiatives and other state departments can create a holistic ecosystem that benefits students, teachers, and administrators alike.

The journey of EMIS in schools reflects Tamil Nadu's commitment to embracing technology for educational excellence. As it evolves, it promises to bring even more transparency, efficiency, and quality to the schooling experience across the state.

Question

Answer

What is EMIS in Tamil

Nadu schools?

EMIS stands for Education Management Information System,

which is a digital platform used by Tamil Nadu schools to

collect, manage, and analyze educational data for better planning and decision-making.

How can I access the

EMIS portal for Tamil

Nadu schools?

You can access the Tamil Nadu EMIS portal by visiting the

official website at <https://emis.tnschools.gov.in> and logging in

with the provided credentials issued to school administrators or

staff.

What kind of

information is

managed through the

EMIS for TN schools?

The EMIS system manages various data including student

enrollment, attendance, staff details, infrastructure,

examination results, and other school-related information to

streamline educational administration.

Who is responsible for

updating data on the

Tamil Nadu EMIS

portal?

School principals and designated administrative staff are responsible for regularly updating the data on the Tamil Nadu EMIS portal to ensure accuracy and compliance with government requirements.

How does EMIS benefit students and parents in Tamil Nadu?

EMIS helps improve transparency and efficiency in school operations, enabling parents to access accurate information about school performance and student progress, while facilitating better resource allocation by authorities.

Emis TNSchools: A Comprehensive Overview of Tamil Nadu's Educational Management Information System

emis tnschools stands as a pivotal acronym in the realm of Tamil Nadu's educational

landscape, representing the Educational Management Information System (EMIS) specifically tailored for the state's schools. Developed with the intent to streamline school data management, tracking, and reporting, emis tnschools serves as a critical tool for educators, administrators, and policymakers alike. This digital platform plays an essential role in enhancing transparency, improving resource allocation, and fostering data-driven

decision-making within Tamil Nadu's vast network of educational institutions.

Understanding EMIS and Its Role in Tamil Nadu's Education

Sector

The concept of an Educational Management Information System (EMIS) is not unique to Tamil Nadu, but the state's implementation, known as emis tnschools, is noteworthy for its scale and functionality. EMIS platforms are designed to collect, process, and analyze data related to various facets of education—ranging from student enrollment and attendance to teacher qualifications and infrastructure status. In Tamil Nadu, emis tnschools acts as a centralized database that supports the government's efforts to monitor school performance and improve educational outcomes.

By consolidating a wealth of information into a single digital interface, emis tnschools allows for real-time updates and comprehensive reporting. This capability is especially valuable in a state with thousands of government and aided schools, where manual data collection would be inefficient and prone to errors. The system's integration facilitates better planning at district and state levels, enabling targeted interventions and resource distribution.

Key Features of emis tnschools

The emis tnschools portal is equipped with several features that make it a robust educational tool:

Student Information Management: Captures data on enrollment, demographics,

1.

attendance, and academic progress.

Teacher and Staff Records: Maintains details about teaching staff qualifications,

2.

training, attendance, and deployment.

Infrastructure Tracking: Monitors the status of school facilities, including

3.

classrooms, libraries, laboratories, and sanitation facilities.

Academic Performance Analytics: Provides insights into student outcomes via

4.

exam results and participation metrics.

Real-time Reporting: Enables administrators to generate reports quickly for policy

5.

formulation and monitoring.

User-Friendly Interface: Designed for accessibility by school administrators and

6.

district officials with varying levels of technical expertise.

The Impact of emis inschools on Educational Governance

Since its implementation, emis inschools has significantly influenced the governance

structure of Tamil Nadu's education system. By digitizing school data management, the

system has reduced administrative burdens, allowing educators to focus more on teaching and less on paperwork. The availability of accurate, up-to-date data supports evidence-based policy decisions, which can lead to improved resource allocation and enhanced educational quality.

Moreover, emis tnschools facilitates greater accountability. Stakeholders at multiple levels—from school heads to district education officers—can monitor the performance of institutions and intervene proactively when issues arise. For instance, the system can highlight schools with low attendance rates or inadequate infrastructure, prompting targeted government initiatives.

Challenges and Limitations

While emis tnschools offers numerous benefits, it is not without challenges:

Data Accuracy and Completeness: The efficacy of the system depends heavily

1. on the accuracy of data entered by schools. Inconsistencies or delays in updating information can affect decision-making.

Technical Barriers: Some rural or under-resourced schools may face difficulties in

2. accessing or using the digital platform due to limited internet connectivity or technological literacy.

User Training: Ensuring that all users are adequately trained to navigate and

3.

utilize emis tnschools effectively remains an ongoing task.

Addressing these challenges requires continued investment in infrastructure, capacity building, and support mechanisms to ensure that emis tnschools fulfills its potential as a transformative educational tool.

Comparative Insights: emis tnschools and Other State EMIS

Platforms

When compared to EMIS platforms in other Indian states, emis tnschools is notable for its comprehensive data coverage and integration with Tamil Nadu's broader educational initiatives. States like Karnataka and Kerala have also implemented EMIS systems, but the degree of automation and user adoption varies.

Tamil Nadu's approach emphasizes user-friendliness and alignment with national educational goals, such as the Right to Education Act and initiatives under the Samagra Shiksha Abhiyan. This has helped emis tnschools maintain relevance and effectiveness in a rapidly evolving educational environment.

Integration with National Educational Policies

The emis tnschools platform is designed to complement national-level education management systems, ensuring that data collected at the state level feeds into broader analyses and policy frameworks. This interoperability supports the Ministry of Education's vision of a unified data ecosystem, which can enhance policy coherence and resource

optimization across India.

Furthermore, the system's data supports monitoring compliance with national initiatives such as the Mid-Day Meal Scheme, infrastructure development programs, and teacher training modules. By providing granular insights, emis tnschools enables Tamil Nadu to tailor national programs to local needs more effectively.

The Future of emis tnschools: Innovations and Prospects

Looking ahead, emis tnschools is poised to evolve with advancements in technology and data analytics. Potential future enhancements include:

Mobile Accessibility: Development of mobile apps to facilitate easier data entry

1.

and access for remote schools.

Artificial Intelligence Integration: Utilizing AI for predictive analytics to identify

2.

at-risk students or schools needing urgent intervention.

Enhanced Dashboard Visualizations: Offering more intuitive and customizable

3.

data visualization tools for administrators.

Community Engagement Features: Incorporating parent and community

4.

feedback mechanisms to foster participatory governance.

These innovations would further empower Tamil Nadu's education system, promoting

inclusivity and responsiveness.

In summary, emis tnschools represents a significant stride in the modernization of educational administration in Tamil Nadu. By consolidating diverse data streams into a coherent and accessible platform, it enhances transparency, accountability, and strategic planning. While challenges remain, the system's ongoing development highlights the state's commitment to leveraging technology for educational excellence.

EMIS TNSchools, Tamil Nadu EMIS, TNSchools data, EMIS portal Tamil Nadu, Tamil Nadu school management, TNSchools login, EMIS reports Tamil Nadu, Tamil Nadu education statistics, TNSchools registration, EMIS student data

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