



Maximizing your Clearinghouse Services

Andi Liner

*Regional Relationship Manager, Iowa, Kansas, Nebraska, Oklahoma,
Texas*



Our Agenda Today

- The Clearinghouse as a “Data Cooperative”
 - Enrollment/Compliance Reporting
 - DegreeVerify
 - Student Tracker
 - Postsecondary Data Partnership
 - Research Center Impact
- What’s New
 - Student Automated Services
- Our Support to You and Your Students
- Questions & Discussion

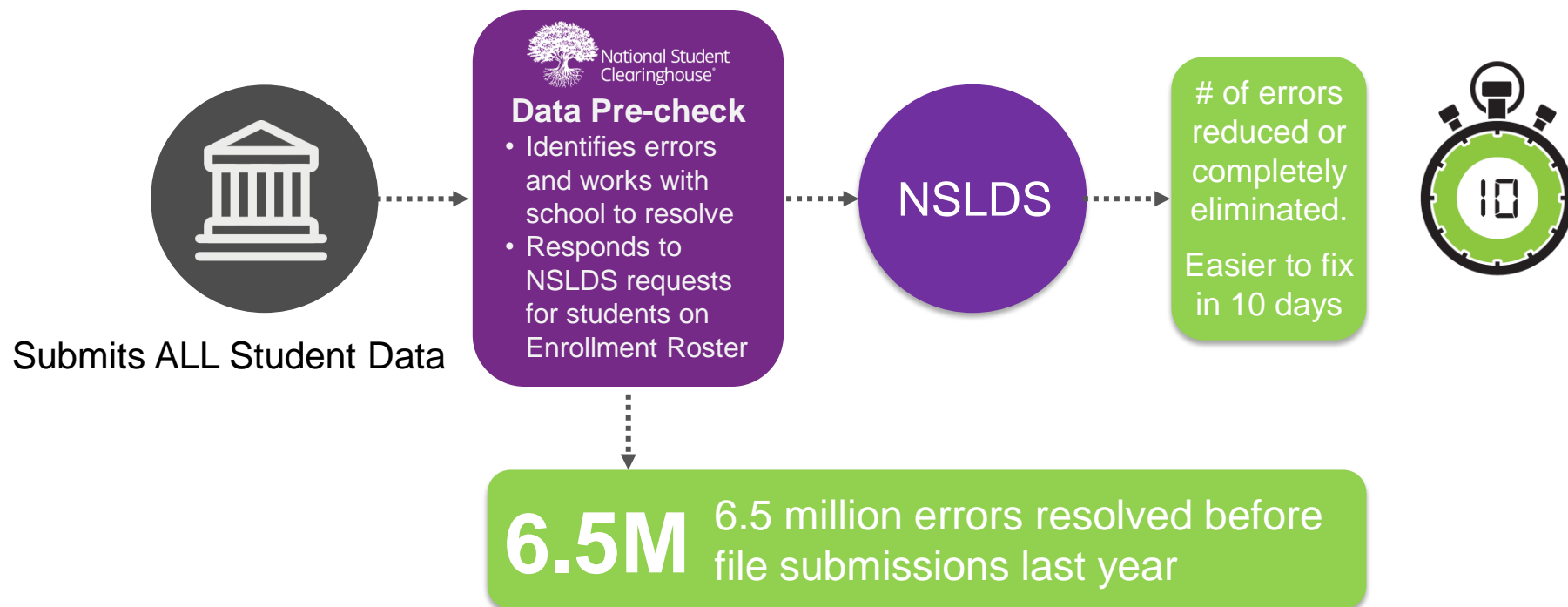


The Clearinghouse as a “Data Cooperative”



National Student
Clearinghouse®

Clearinghouse Process: All Students Reported

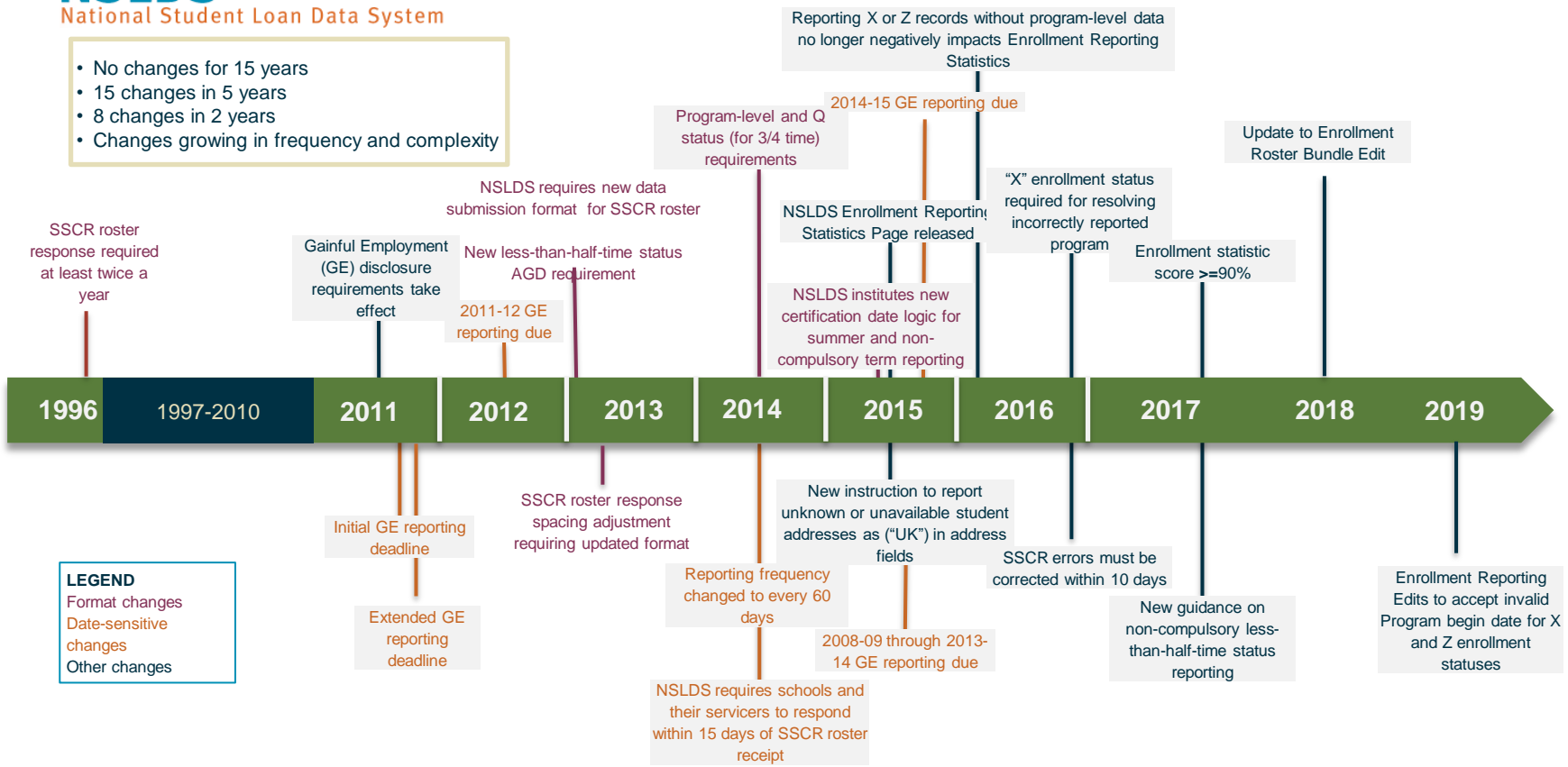


Acceleration of NSLDS Compliance Changes

NSLDS

National Student Loan Data System

- No changes for 15 years
- 15 changes in 5 years
- 8 changes in 2 years
- Changes growing in frequency and complexity



LEGEND
 Format changes
 Date-sensitive changes
 Other changes

Audit Resource Center

Assists ~1,000 schools per year

Works with you and your auditors to explain issues and provide documentation to reduce and eliminate audit findings

Aids with audits and day-to-day compliance questions

Offers online resources for preparing and responding to an audit

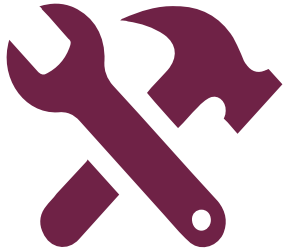
Shares trends in auditor areas of focus





StudentTracker Services & Postsecondary Data Partnership

StudentTracker



Convenient User Interface

24/7 easy access to your Request File status, file history, and subscription information



Efficient and transparent processing

Immediate validation, including email notification on Request File validation status.



Automated File Review

Remediation on most common errors. Flags warnings/errors and notes on how to correct.



StudentTracker Reports

- Student-level Detail Report
- Aggregate Report showing most commonly attended institutions

StudentTracker Works Across Your Campus



Institutional Research

- Outcome Reporting
- Reporting Reconciliation
- Class Outcomes
- Persistence
- Retention
- Time-to-Completion



Registrar

- Cohort Representation
- Transfer Studies
- Retention
- Enrollment Status
- Reporting Reconciliation
- Prior Enrollment
- Time-to-Completion



Enrollment Management

- Outcome Oversight
- Feeder Institution Analysis
- Transfer Analysis
- Retention Study



Academic Professors

- Department Outcome Analysis
- Future Programs of Study
- Grant Funding Request
- Pre-Professional Programs



Admissions

- Cohort Representation
- Class Outcomes
- Deferred Admissions
- Declined Admissions
- Wait List Outcomes
- Prior Enrollment
- Transfer Studies



Student Services/Affairs

- Program Diversity
- Work-Study Analysis
- Mentor Matching
- Enhancing Advising
- Tutoring Planning

StudentTracker Queries

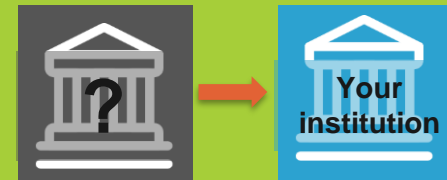
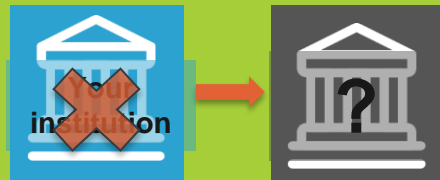
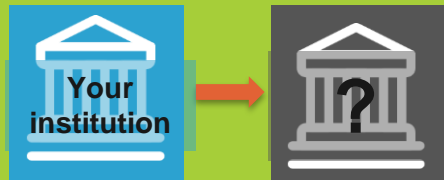
Search date is super important!

SE

DA

CO

PA



Subsequent Enrollment

Where did students attend after leaving my institution?

Declined Admission

Where did students enroll who did not attend my institution?

Longitudinal Cohort

Track a group of students across multiple years

Prior Attendance

Where did my applicants attend previously?

Submit Request File
(automated validation)



Run file against Clearinghouse database



Compile results in StudentTracker reports



Return reports via secure FTP
(email notification)

StudentTracker®

Premium Service

Output



ANALYSIS READY

one row per student

Efficiency



REQUEST FILE RE-RUN

saves time

Comparisons



**SIGNATURE AND
SNAPSHOT REPORTS**

your institution's data with
benchmarks

Integration

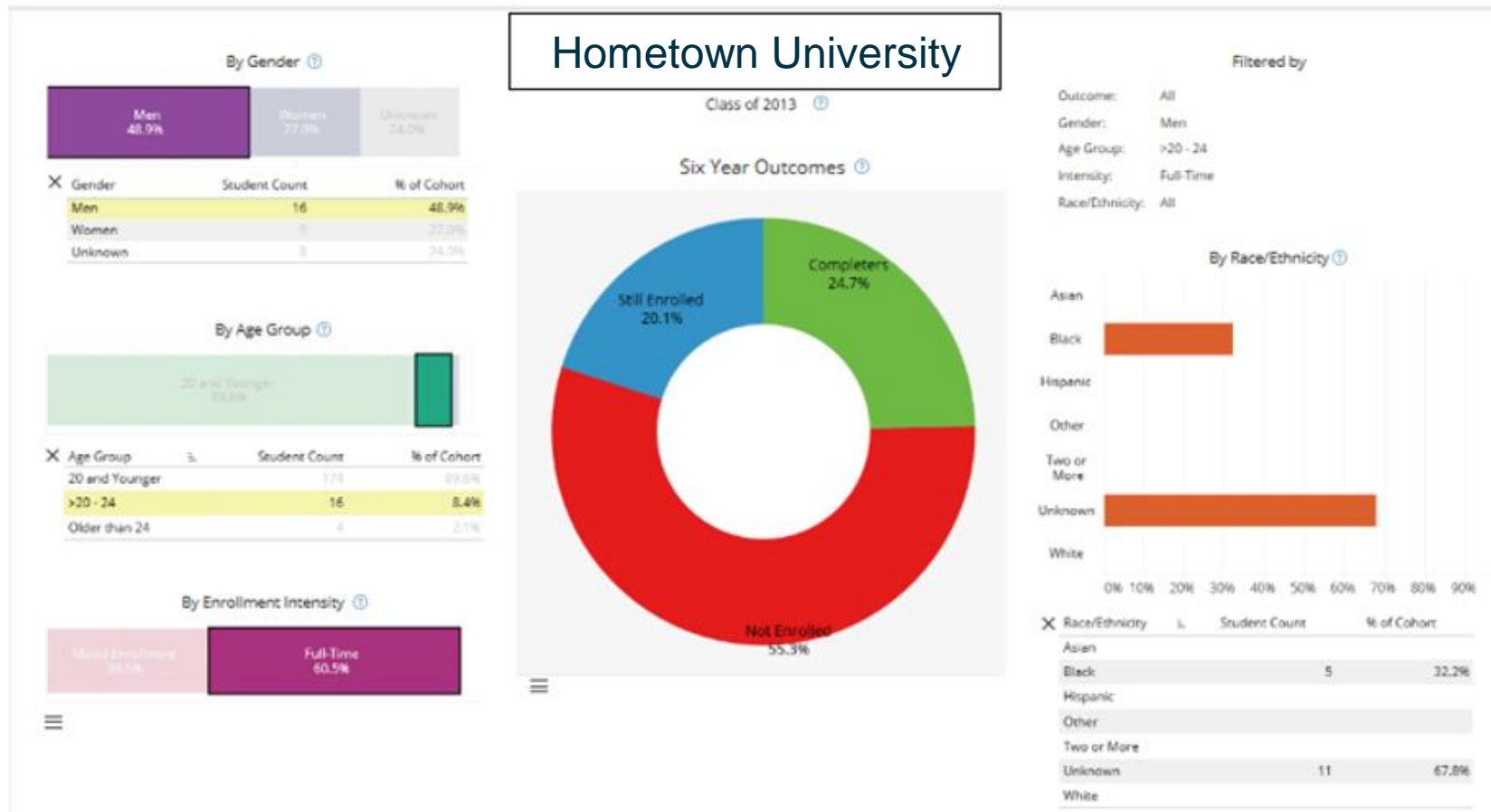


**DATA
VISUALIZATION**

reporting with graphics

Completions Report Tableau dashboard

Landing page – filtering by gender, age, and enrollment intensity



What Is the Postsecondary Data Partnership?

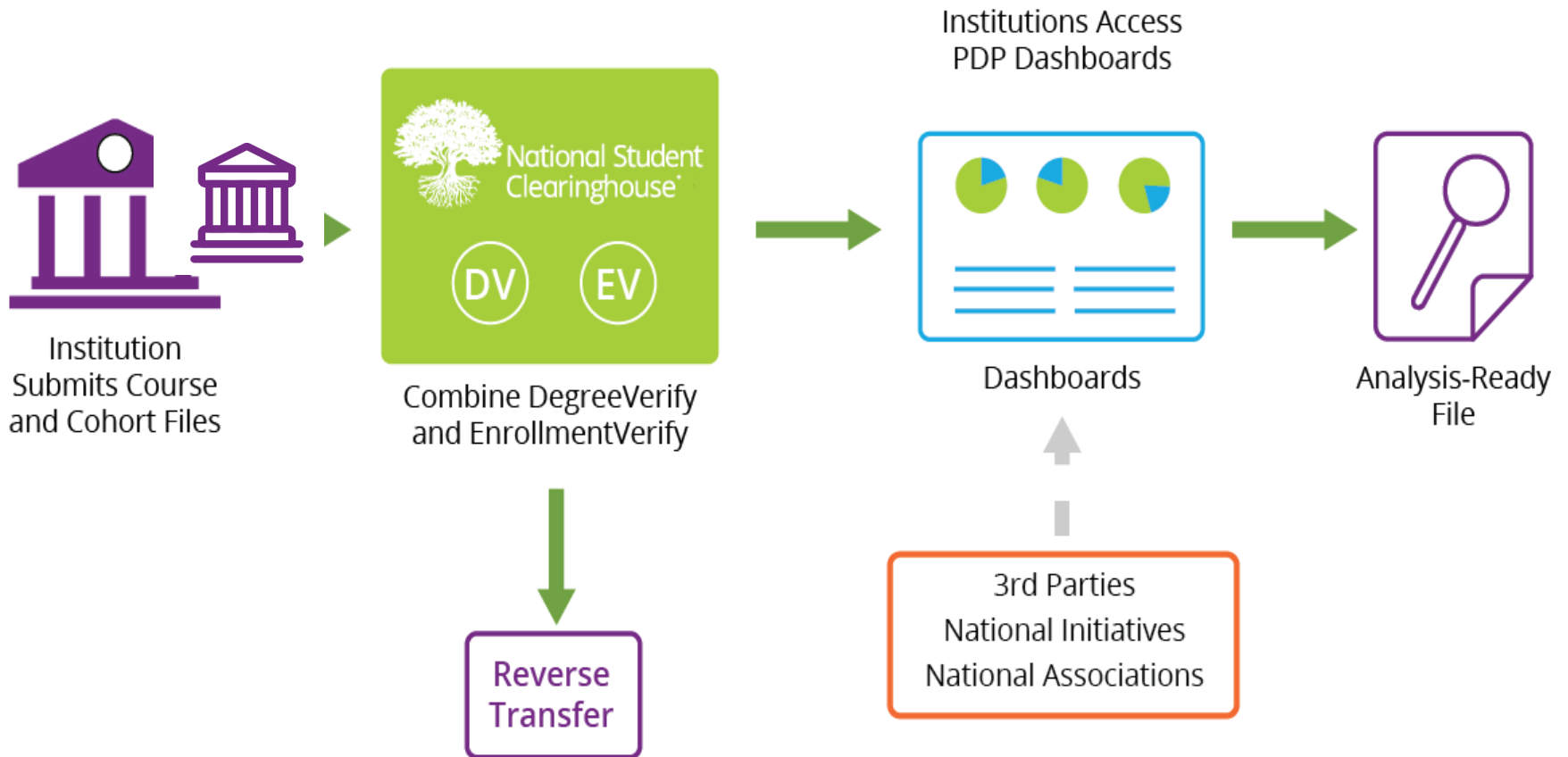
Transformative way for your institution to measure and report student progress and success. The Postsecondary Data Partnership (PDP) empowers your institution with more **comprehensive data**, easier **analysis & insights**, centralized **reporting**, and better **visuals** to help you **understand and improve student outcomes**.



Summary of PDP Benefits

- **Builds** a more complete picture of your students
 - **Insights** to help build urgency for change and identify where to focus resources
 - **Identify** and close equity gaps with intersectionality
 - **Evaluate** areas of concern and impact of student success efforts
- **Early Momentum** indicators
- **Transfer** out insights
- **Benchmark** your institution against peers
- **Encourages** improved data quality, transparency and access across campus
- **Analysis ready file** that includes derived metrics
- **Reduces** your reporting burden

How the PDP Works



Interactive Dashboards

- **Overview:**
 - Executive Summary
 - Enrollment
- **Early momentum indicators:**
 - Credit accumulation rate
 - Credit completion ratio
 - Gateway course completion
 - Term to Term
- **Outcomes over time:**
 - Persistence/retention
 - Transfers
 - Outcome measures
 - Credentials conferred and time to credential





Gateway Course Completion

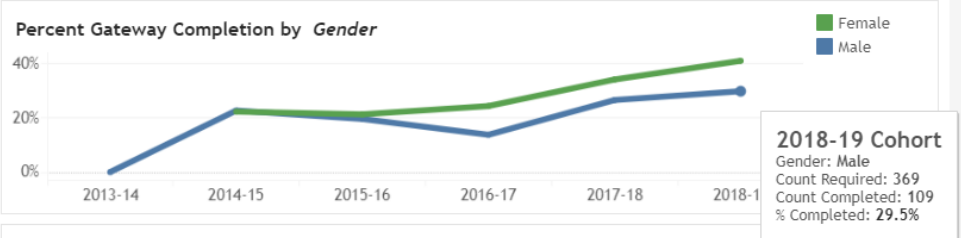
Organizational Grouping: Demo Test Agreement |
 Institution Type: Two Year |
 Select an Institution: DEMO 2 YEAR 1

Cohort: (All) | Cohort Term: (All) | Credential Type Sought: (All) | Enrollment Ty...: (All) | Attendance: (All) | Dual/Summer Enrollment: (All) | Age Group: 20 and yo... | Race/Ethnicity: Hispanic | Gender: (Multiple ... | Pell Grant Recipient: Yes | First Generation: (All) | GPA Range: (All) | Math Prep: (All) | English Prep: (All) | Gateway Status: (All)

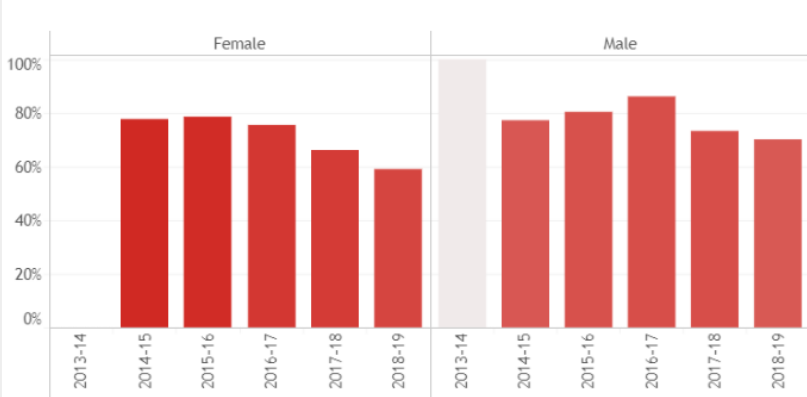
Select Dimension: Gender | Gateway Grade: All

What is the KPI measuring

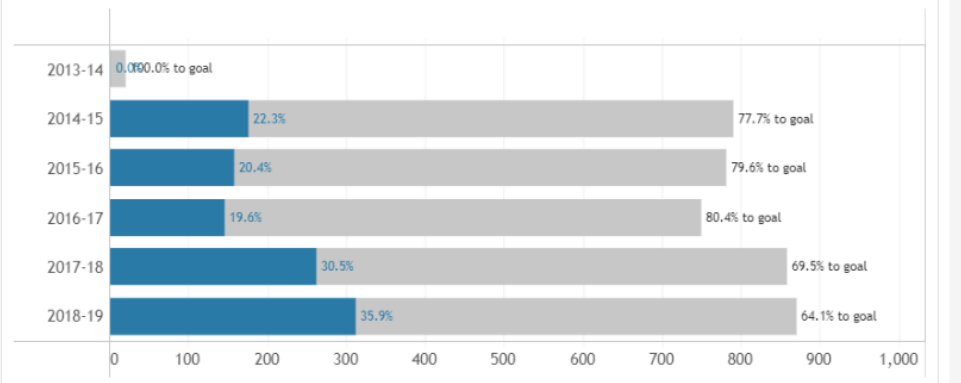
1. What proportion of your students are starting college on the right track by completing required gateway math and English courses?
2. Which student subgroups are (and are not) finding success?



Gateway Not Completed by Gender
 Size = % of population not meeting threshold, Color = student count




Gateway Course Completion by Cohort
 Blue = # of gateway courses completed, Grey = % to goal



Selected Filters: Cohort: All Cohort Term: All Credential Type Sought: All Enrollment Type: All Attendance: All Dual/Summer Enrollment: All Age Group: 20 and younger Race/Ethnicity: Hispanic Gender: Female & Male Pell Grant Recipient: Yes First Generation: All GPA Range: All Math Prep: All English Prep: All Gateway Status: All Gateway Grade: All

Benchmarking



National Student Clearinghouse™
Research Center™

Retention/Persistence

[? Help](#)
[Home](#)
[Logout](#)

Cohort
(All)

Cohort Term
(All)

Credential Type Sought
(All)

Enrollment Type
(All)

Attendance
(All)

Dual/Summer Enrollment
(All)

Age Group
(All)

Race/Ethnicity
(All)

Gender
(All)

Pell Grant Recipient
(All)

First Generation
(All)

GPA Range
(All)

Math Prep
(All)

English Prep
(All)

Select an Institution

(All)

Hometown University

What is the KPI measuring?

1. What proportion of your students are enrolled or have completed a credential after one year at your institution (retention) or another institution (persistence)?
2. Which students have neither completed a credential nor are they enrolled after one year?

Please read before filtering
In order to ensure data in the benchmarking, you must filter in the following order:
Step 1: Always use the Global filters at the very top.
Step 2: Use the Benchmark filters.

Benchmarking
State

Subcategory
NC

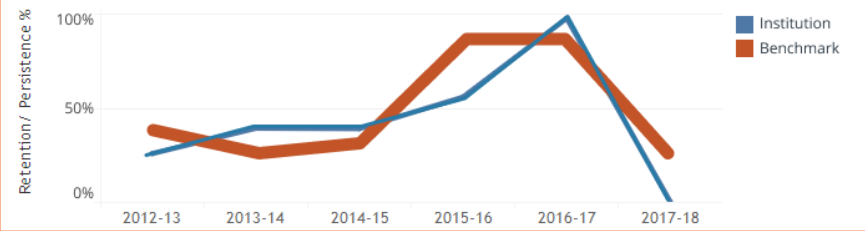
Institution Type
4 Year

Public/Private
All

Benchmarking Across 5 Schools

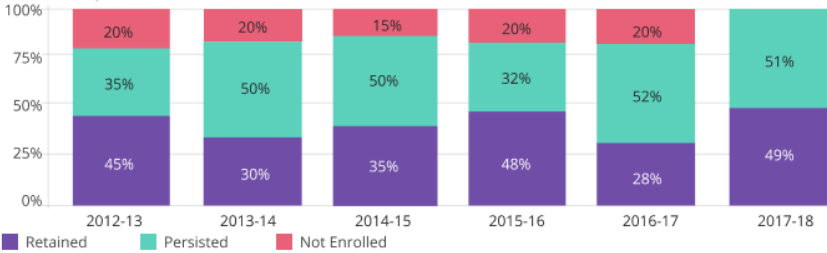
Retention by Overall
Color = Overall

Retention/ Persistence
Retention



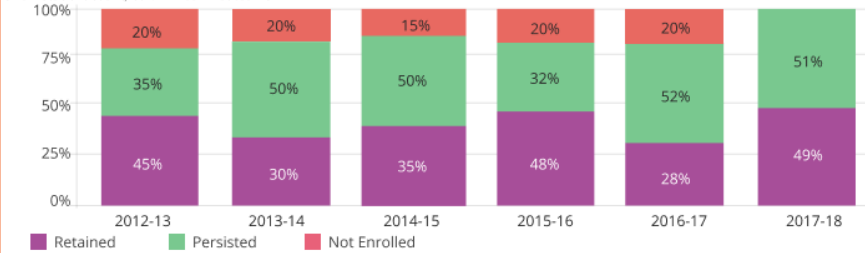
Year	Institution (%)	Benchmark (%)
2012-13	25	40
2013-14	40	25
2014-15	40	30
2015-16	55	90
2016-17	100	90
2017-18	0	25

Students Retained, Persisted, Not Enrolled
size = student count, color = Year 2 outcome



Year	Retained (%)	Persisted (%)	Not Enrolled (%)
2012-13	45	35	20
2013-14	30	50	20
2014-15	35	50	15
2015-16	48	32	20
2016-17	28	52	20
2017-18	49	51	0

Students Retained, Persisted, Not Enrolled
size = student count, color = Year 2 outcome



Year	Retained (%)	Persisted (%)	Not Enrolled (%)
2012-13	45	35	20
2013-14	30	50	20
2014-15	35	50	15
2015-16	48	32	20
2016-17	28	52	20
2017-18	49	51	0

Selected Filters: Cohort:All Cohort Term:All Cohort Term:All Credential Type Sought:All Enrollment Type:All Attendance:All Dual/Summer Enrollment:All Age Group:All Race/Ethnicity:All Gender:All Pell Grant Recipient:All First Generation:All GPA Range:All Math Prep:All English Prep:All

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Education Design Lab



Supported by the
Gates Foundation & The Lumina Foundation



Key Reports From The Research Center



Term Enrollment ESTIMATES SPRING 2021

Overview: Spring 2021 Enrollment Estimates

Current Term Enrollment Estimates Report Series is published every December and May by the National Student Clearinghouse Research Center. It provides national enrollment estimates by degree level, institutional sector, enrollment intensity, age group, gender, major field as well as state-level enrollment estimates. Starting in fall 2020, state-level enrollment data are also shown by institution sector.

Enrollment estimates are adjusted for Clearinghouse data coverage rates by institutional sector, state, and year. As of fall 2019, postsecondary institutions actively submitting enrollment data to the Clearinghouse accounts for 97 percent of the total enrollments at Title IV, degree-granting institutions in the U.S. Most institutions submit enrollment data several times per term, resulting in highly current data. Moreover, since the Clearinghouse collects data at the student level, it is possible to report an unduplicated student headcount, which avoids double-counting students who are simultaneously enrolled at multiple institutions.

Overall postsecondary enrollment dropped by 3.5 percent, or 603,000 students, in spring 2021. This one-year decline is seven times larger than the rate of decline reported in spring 2020 (0.5%); see **Figure 1** for historical enrollment trends. Undergraduate students accounted for all of the decline, dropping 4.9 percent, or over 727,000 students, from spring 2020. In contrast, graduate enrollment jumped by 4.6 percent or more than 124,000 students over the same period (see **Table 2**).

While declines in undergraduate enrollment are evident across all institutional sectors, community colleges remain hardest hit this spring (-9.5%, 476,000 fewer students). Notably, enrollment declines at community colleges are driven by associate degree-seeking students (-10.7%), while undergraduate certificate enrollment tracked the overall undergraduate drop (-4.8%). Graduate enrollment grew across all institution sectors, with the largest increase recorded at public four-year institutions (+5.6%, or 74,000 more students). Public college enrollment (two-year and four-year combined) which enrolls 7 out of 10 postsecondary students in undergraduate and graduate programs, declined by 4.2 percent or over 521,000 students this spring (see **Table 2**).

Full-time enrollment declined in every institutional sector, while part-time enrollment declined only at for-profit four-year and public two-year institutions. Part-time students increased at public and private nonprofit four-year institutions (+3.7% and +2.8%, respectively; see **Table 3**).



Traditional college-age students, age 18 to 24, saw the largest decline across all age groups (-5% or 524,000 fewer students), largely attributable to their steep losses at community colleges (-13.2% or 365,000 fewer students). Adult students aged 25 or older fell at less than half the rate of the younger group at community colleges (-6.1%) and experienced gains at public four-year and private nonprofit four-year institutions (+2.7% and +2.3%, respectively; see **Table 4**). The drop in traditional college-age enrollment at community colleges has resulted in a 3.5 month increase in the average age of full-time students in the sector, which had been declining for three straight years (see **Table 5**).

Enrollment declines are steeper for men than for women across all sectors (declined by 400,000 and 203,000 students, respectively). This trend is especially visible in the community college sector, with male enrollment dropping by 14.4 percent compared to a 6 percent decline in female enrollment. Also, the increase of 44,000 female students (+1%) is contrasted with a drop of 90,000 male students (-2.7%) in the public four-year institution sector (see **Table 7**).

SIXTH IN THE SERIES
Yearly Success and Progress Rates

February 2021

Yearly Success and Progress Rates

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COVID-19 Transfer, Mobility, and Progress

National Student Clearinghouse Research Center's Update on Transfer Students


June 3, 2021

COVID-19's resurgence in late 2020, coupled with its disproportionate economic and health impacts on disadvantaged populations in the U.S., made navigating traditional transfer options even more difficult. While many four-year colleges expressed the need for facilitating transfer in an effort to maintain enrollment and improve diversity amidst the pandemic, the scope and impact of the efforts have proved to be limited. Our fall 2020 reporting in this series shows that student mobility declined at all institution types, particularly among Black and Latinx students.

Recognizing the urgency of COVID-19's impact on students and institutions, the Research Center disseminates rapid response information and context for the education community and individual learners seeking to understand how the pandemic is changing transfer pathways across higher education through summer 2022. The transfer pathways considered are defined broadly to include upward, lateral, and reverse transfer.

Informed by these data, campus, state, and national leaders will be better able to adapt and plan in the months and years ahead to deliver educational opportunities for students they serve, particularly the most vulnerable student populations. This series is created with support from Ascendium Education Group and EMC Foundation.

[Download Report PDF](#)
[Download Data Excel](#)
[View Data Visualization](#)



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COVID-19 Stay Informed with the Latest Enrollment Information

National Student Clearinghouse Research Center's Regular Updates on Higher Education Enrollment

April 29, 2021

Beginning in mid-March 2020, many colleges across the U.S. shifted to online-only learning almost overnight. Currently, due to the uncertainty caused by a resurgence of the coronavirus and the challenges of responding to quickly evolving logistical concerns, institutional leaders and students alike are faced with difficult decisions that must be made with a lack of reliable, up-to-date information.

Recognizing the urgency of COVID-19's impact on students and institutions, the Research Center's Stay Informed series tracks outstanding college enrollment trends in near real-time during the COVID-19 era. It delivers enrollment data dashboards each term, starting with summer 2020. The dashboards are updated regularly using the latest enrollment data available in the coming months and years.

To highlight unique enrollment patterns that are attributable to the pandemic, the two most recent years (2019 and 2020) serve as baselines to investigate COVID-19's impact on the spring 2021 enrollment (see Methodological Notes for more details).

Spring 2021 Enrollments (as of March 25)

Three months into the spring semester, undergraduate enrollment in all sectors dropped, decline as far since the pandemic began (5.9%). Community college enrollment fell by double digits (-11.7%) for the first time in this pandemic. Graduate enrolls on the other hand, continues to grow this spring (+4.4%). Overall postsecondary enrollment is down 4.2 percent from a year ago.

Students aged 18-20, comprising over 40 percent of all undergraduates, saw the largest enrollment decline of any age group this spring (-7.2%), with the steepest drop occurring at community colleges (-14.6%). There is still no sign of any recession-related increase in adult enrollment at community colleges.

Enrollment in healthcare majors is faring better than other common undergraduate major fields of study during the pandemic. Students pursuing in education graduate programs are growing considerably this spring (+3.7% in master's and +2.2% in doctoral degree programs).

The Top 10 Most Impactful Articles Featuring The Clearinghouse and Research Center (Covid Impact Era)

— CNBC: Potential Reach 51.4M and 13.8K

Engagements

Fewer kids are going to college because they say it costs too much

jessica dickler created a post

...this year, according to data from **National Student Clearinghouse** Research Center, with the fall's incoming freshmen ... Shapiro, executive director of the **National Student Clearinghouse** Research Center. Shapiro said he expects continued...

— Wall Street Journal: 33M and 12.4K Engagements

The Coronavirus Pandemic Is Making College Students Question the Price of Their Education

allison pohle created a post

Last fall about 231,000 fewer students enrolled in college than the year before, according to a report from the **National Student Clearinghouse** Research Center, which tracks college student enrollment. Over the past 20 years, the price of attending...

— Wall Street Journal : Potential Reach 32.2M and 12.6K

Engagements

Hit by Covid-19, Colleges Do the Unthinkable and Cut Tenure



biography created a post

Fall enrollment for freshman and international students fell 16% and 43%, respectively, according to the **National Student Clearinghouse** Research Center and a survey of 700 schools conducted by 10 higher education associations. Revenue from room...

— USA Today: Potential Reach 32.4M and 12.4K Engagements

Trump student visa rule: DHS pushes F1 changes for US colleges

lindsay schnell created a post

...students to finish their studies in four years – even though, according to the **National Student Clearinghouse**, most first-time college students take more than five years to earn a bachelor's degree, and many doctoral programs also take more than...

- New York Times: Potential Reach 153.2M and 11.3K Engagements

Colleges Slash Budgets in the Pandemic, With 'Nothing Off-Limits'

Shawn Hubler created a post

...recently. Freshman enrollment is down more than 16 percent from last year, the **National Student Clearinghouse** Research Center has reported – part of a 4 percent overall drop in undergraduate enrollment that is taking tuition revenue down with...

- New York Times: Potential Reach 153.2M and 7.5K Engagements

Young People Are Spreading the Virus

Adam Pasick created a post

5 percent fewer students this year, according to an early look at fall enrollment from the **National Student Clearinghouse** Research Center. Over all, college enrollment is down 2.5 percent. A bright spot: Beloit College, in Wisconsin, asked students...



Student Automated Services

Our Transcript Services Numbers

1,375+

Active TO schools



535

API integrated schools



607

Fully integrated
with SIS



5.86 M

Orders in 2022



2,100+

ETX receivers

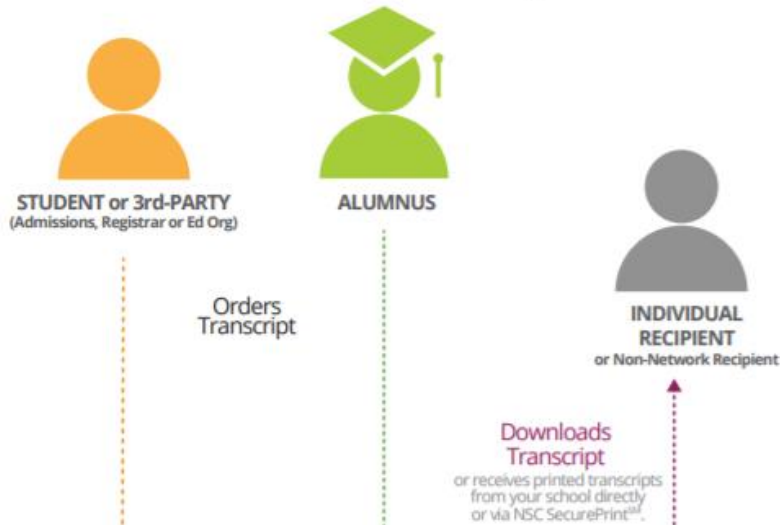


State

Institutions



Student to Individual Recipient



School to School/Agency

- ▶ College to college
- ▶ College to educational agency (e.g., nursing, teaching, accrediting agency)
- ▶ Systemwide exchanges
- ▶ Statewide exchanges

ETX Plus (secure exchange network)



National Student Clearinghouse™

PDFs are autogenerated by SIS integration and go to Clearinghouse for secure delivery

If you don't use an SIS integration, you can upload the PDF transcript or send the paper transcript.

SIS Integration

ellucian.
BANNER®
COLLEAGUE®
POWERCAMPUS™

PeopleSoft
Homegrown
Any SIS



Your school can exchange an unlimited number of transcripts via our secure exchange system.

Third-party ordering for registrar and admissions offices and educational organizations on behalf of students (and with their consent) is also available.

FAST

- 24/7 Online Ordering
- PCI Compliant fee collection
- Status updates to students via email and text messages
- Online processing and statusing of orders
- Real-time reporting
- No IT resources needed

FASTER

- Automated exchange via sFTP of order, status and electronic transcript fulfillment
- Limited development by your IT SIS experts
- Personnel resource savings
- Reduced transcript fulfillment time

FASTEST

- Full integration with your SIS
- Automates every processing step, including fulfillment
- Real-time verification of student/alumni and transcript holds
- IT resources for connections and configurations

Third Party Ordering



Third Party Ordering – Admissions

- Allows an Admissions officer to order a transcript on behalf of a student who is applying, or accepted, to the institution.
- Cuts out relying on the student to order the transcript in a timely manner and send via the institutions desired delivery mode.
- A FERPA approved student consent form is required for each request.
- Transcripts will be securely delivered to the admissions office via ETX Plus.
- In addition to placing orders, users can log on to retrieve the transcripts, check order status, view a list of completed orders, and pay invoices.

What is Third Party Ordering – Registrar

- Allows a Registrar staff member to place a transcript order on behalf of a student to send to any recipient
- For students/alumni you want to, or need to, provide a courtesy or free transcript for
- A FERPA compliant student consent form is required for each request
- Mail & Electronic delivery methods available
- Processing and fulfillment will continue the way your schools operation works today (i.e. manual processing or automation)
- This service is only for active Clearinghouse Transcript Services schools

What is Third Party Ordering – Registrar Batch

- Allows an institution to send bulk order requests via batch for automatic fulfillment
 - File format: CSV
- New FTP account will be created and login provided (i.e. 20001682TPR)
- The transcript does not need to be sent in the file with the order info
- Find Student API is run when order is created in the Clearinghouse system
- Check Holds API is run when the order is created
- Future processing is available but will default to 'Now'
- SecurePrint mailed requests will have address verification run when the order is created
- Response files will confirm successful submissions or provide an error report of the failed records
- This service is only for active Clearinghouse Transcript Services schools

Data Exchange Questions

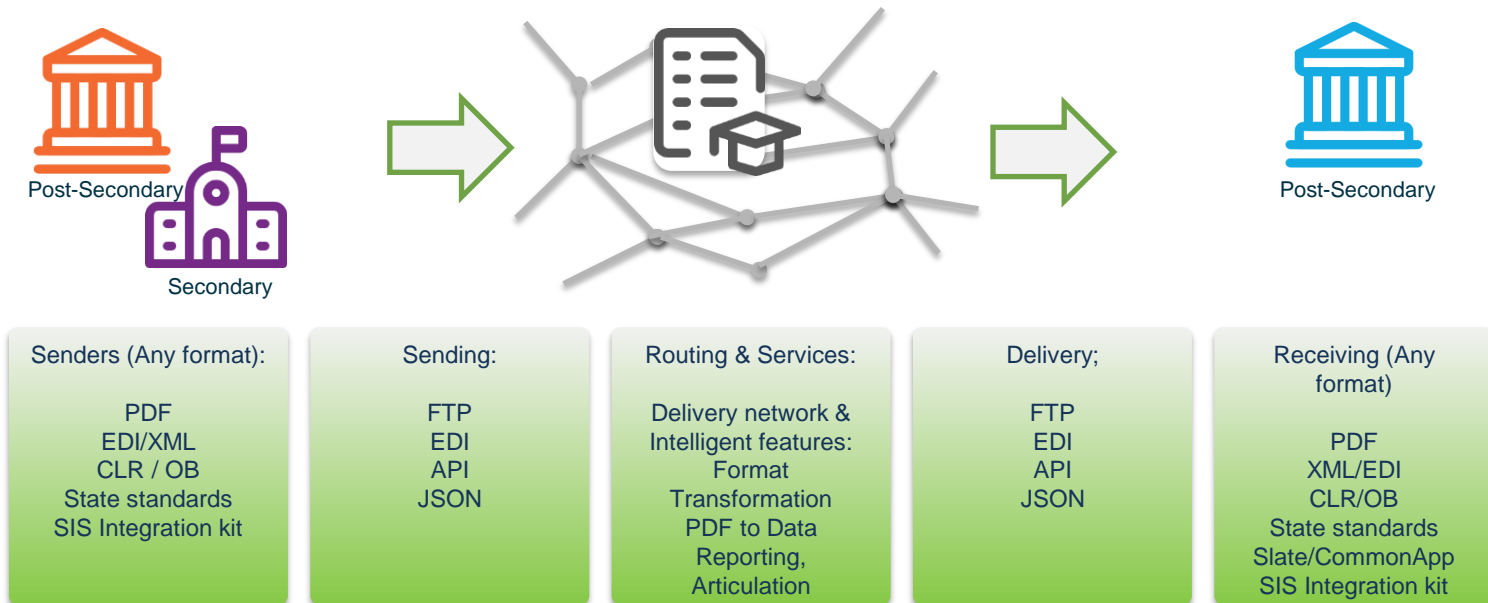
How many of you perform data entry of transcripts?

How do you manage differences in transcript data/content?

Do receive multiple transcript formats (PDF, EDI, or XML)?

Desired state: Universal process open to multiple standards

Aim for an “Any to Any” approach, alleviating standards challenges through transformation engines



PDF-to-Data Conversion – Market Problem

Receiving Institution

Overwhelming data entry

Seasonal Staff Costs

No time to audit data entry

CLR / LER call for more learner data

Costly conversion technologies

Limited IT staff & budget

Sending Institution

Costly to configure SIS for data

Limited IT staff & budget

Not incentivized to configure for data

Traditional Intake & Conversion Model

**SENDING
INSTITUTION**

*PDF
Transcript*



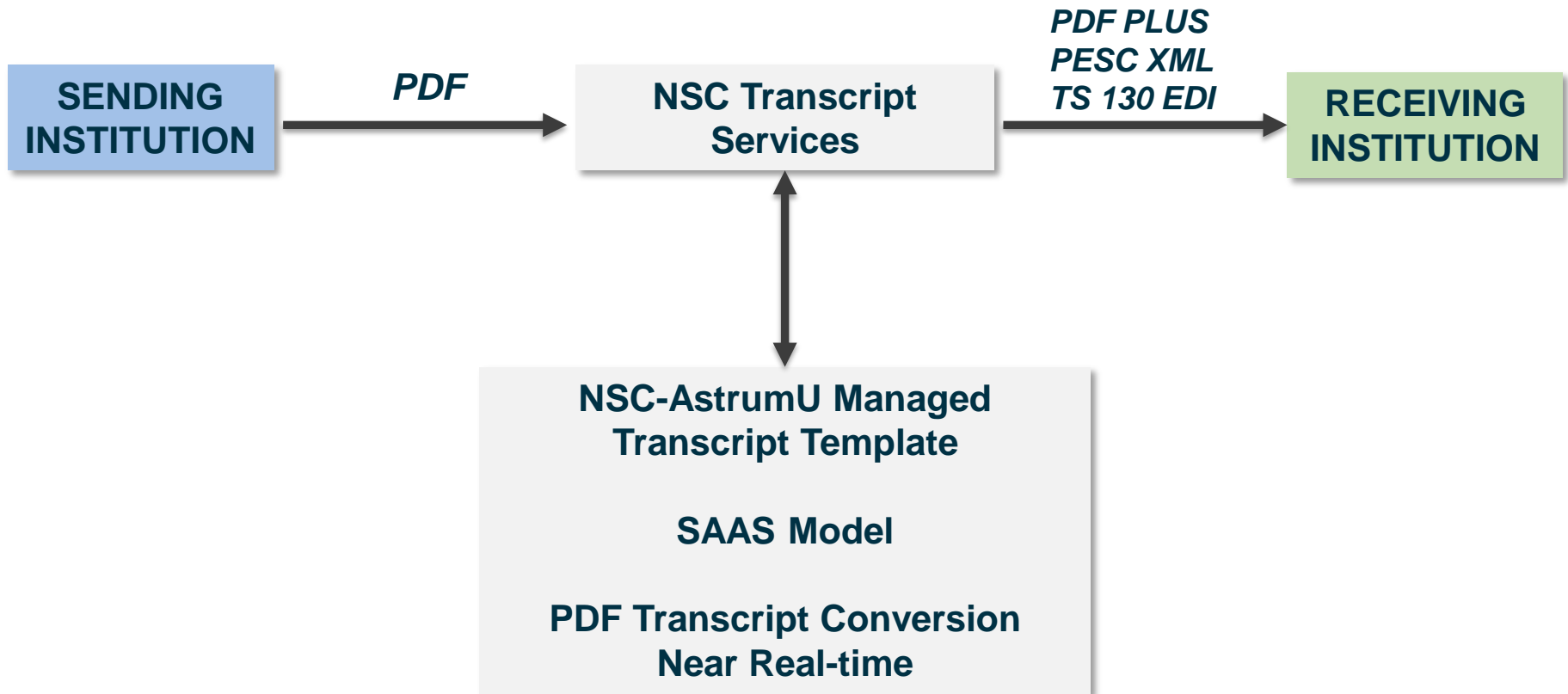
RECEIVING INSTITUTION

**Manually enter transcript
OR
Scans transcript
OR
Leverages OCR**

- *Receiving school owns the accuracy of the transcript.*
- *Receiving schools makes assumptions about the transcript*
- *Receiving school calls/emails sending school for confirmation.*

Proposed Transcript Conversion Model

(introduction of AI/ML technology)



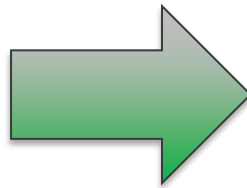
PDF-to-Data Conversion – The Solution

- Leverage the latest machine learning technology to convert incoming PDF transcripts into PESC-standardized data files as soon as they arrive without any manual configuration or IT lift.
- Seamless conversion solution that delivers PESC XML or TS130 EDI data files to your institution's Clearinghouse account in *under* 5 minutes after you receive the PDF transcript.
- AstrumU patented machine learning algorithms create high-performance models of each sender's transcript type and leverages the full library of models on your behalf.
- The data files can be uploaded directly to your CRM or SIS without any manual intervention.

PDF-to-Data Conversion – Our Approach

Proof of Concept 2021

- 20 *test* transcripts
- Had issues with watermarks and images
- Conversion accuracy was in the ninety-percentile.



Pilot 2022

- University partner
- 200 *production* transcripts across 20 sending institutions.
- Processed >49K Data Elements
- **99.9% conversion accuracy**
- <1% error rate conversion exceptions
- POC issue with watermarks solved!
- Image issues (picture of a picture) can be solved longer-term.

BETA!

- Beta will run over the summer (2023)
- Launch of PDF-to-Data conversion service Fall 2023.

PDF-to-Data Conversion – Why You Should Consider!

Consideration	Value
Reduce data entry costs	<i>Average data entry salary \$40K/year.</i>
Operational efficiencies through a simplified approach	<i>Swifter Admissions process.</i>
Achieve consistent data accuracy	<i>Cost offset</i>
No hardware or software to install	<i>Cost offset</i>
No template for receiving schools to maintain.	<i>Cost offset</i>

Services in Support of your Students/Alumni

- Myhub Student Portal
- Transcript services
 - Online ordering
 - PDF/print delivery
 - Automated administrative processes
 - SIS integration
- Third party transcript ordering for Admissions and Registrar
- PDF to Data Conversion

What's New & Upcoming

- PDF to Data Conversion
- Multiple Transcript Type Templates
- International Address Verification (8 countries & more coming!)
- Student Ability to Waive Attachment Review
- New look of the ordering site and 'Track Your Order'
- Lived Name/Preferred Name for Transcript Ordering

ASSISTANCE FROM YOU

- If you are NSC User Administrator, please review the contacts at your institution and do a few things:
 - Inactivate users no longer at institution
 - Make sure the proper users have the Registrar role that should receive important announcements
 - If you would like the newsletter, you can do this as a part of the roles portion of contacts.



Clearinghouse Support

- **School:**

- Implementation
- Client Success Manager- Robert McTighe
- Regional Relationship Manager

- **Student/Alumni:**

- Customer Service
- Phone Support:
 - Mon-Thurs 9am-7pm EST
 - Friday 9am-5pm EST
- Email Support Weekdays
- Chatbot available 24/7
- Online Help Center & FAQs available 24/7



Need Enrollment and Compliance Reporting Resources?

Data Integrity Operations

Enrollment & Degree File Processing

schoolops@studentclearinghouse.org

SSCR Error Help

sscerrors@studentclearinghouse.org

Audit Resource Center

Federal Aid Audits & Program Reviews

auditresource@studentclearinghouse.org

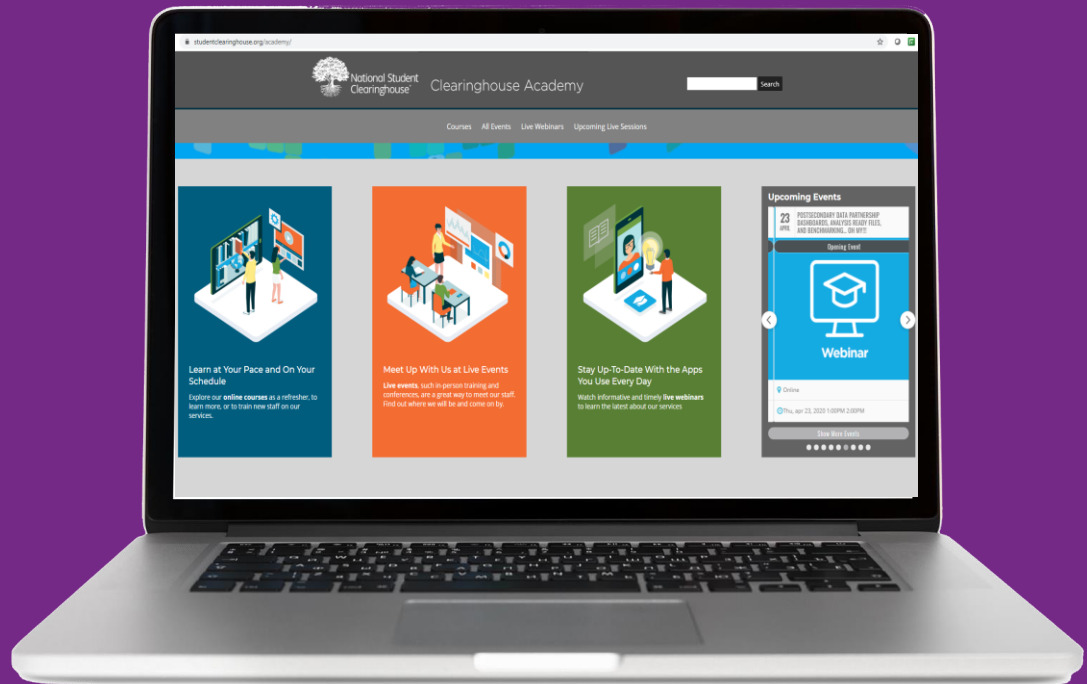
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<https://studentclearinghouse.org/compliancecentral/>

Clearinghouse Academy

www.clearinghouseacademy.org

- Live events and webinars
- Lessons
- User guides and documentation
- Links to
 - Audit Resource Center
 - Compliance Central
 - FAQ





Questions & Discussion

Andi Liner

Regional Relationship Manager

Iowa, Kansas, Nebraska, Oklahoma and Texas

aliner@studentclearinghouse.org

571-926-2629