Analyzing Your Data

Jessica Rieger, Director of Program Performance & Operations
Dalanda Bond, Education Program Specialist, CCR
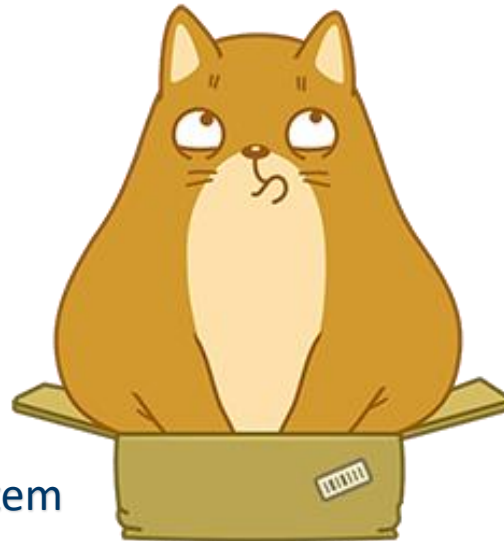Monica Miller, Business Systems Analyst II, CCR

September 19, 2024

Tracking Student Outcomes for MSG Goals

Power BI
- Overview tab *(next slide)*
- MSG Overview tab
- MSG Rate by Hours tab
- Table 4
- Table 4B

ADVANSYS
- Table 4
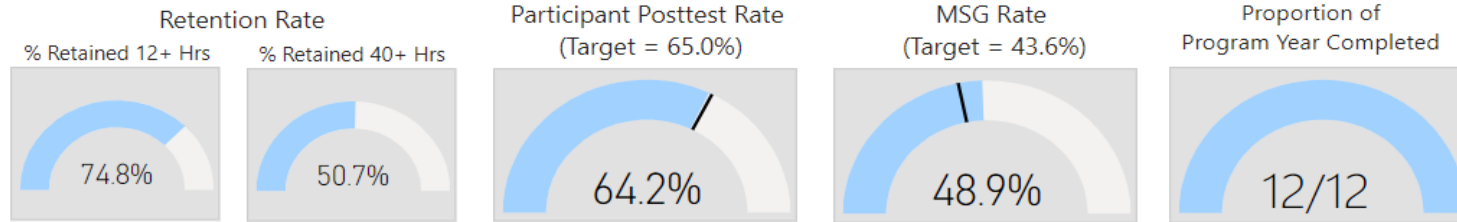- Table 4B
- Outcomes Report
- NRS Registration Report

North Carolina Community College System

Power BI – Analyzing Your Data

Basic Skills Overview

Students and Participation

61,412	**15,494**	**45,918**	**46,178**
Total Students Served	Total Reportables (<12 Hrs)	Total Participants (12+ Hrs)	Total POPs

Performance

Retention Rate		Participant Posttest Rate (Target = 65.0%)	MSG Rate (Target = 43.6%)	Proportion of Program Year Completed
% Retained 12+ Hrs	% Retained 40+ Hrs			
74.8%	50.7%	64.2%	48.9%	12/12

Measurable Skill Gains (MSGs)

Total POPs with EFL MSG

729	**1,292**	**17,777**	**2,334**
Total AHS Credit Gain	Total Postsec Enroll Gain	Total Pre/Posttest Gain	Total HSE Subtest Gain

Total POPs with Secondary Credential MSG   **Total POPs with IET MSG**

2,972	**1,108**	**880**	**22,603**	**23,575**
Total HSE Gain	Total AHS Credential Gain	Total IET Gain	Total POPs with MSG (unduplicated)	Total POPs without MSG

Counts of MSGs by type above are duplicated if a student received multiple MSGs

---

Active Filters:

Reporting Period: 2024_12

Retention Rate: # Participants / # Students

Participant Posttest Rate: # Students Posttested / # Participants, excluding ABE6

MSG Rate: # POPs with MSG / # POPs

Note: When displaying data across multiple providers, the Grand Total is a duplicated total. Students enrolled at multiple providers are counted for each provider attended.

Sources: Diploma Sender, Advansys, LEIS, & NSC

NC COMMUNITY COLLEGES

COLLEGE & CAREER READINESS

North Carolina Community College System

Power BI – NRS Tables

- Table 1 – *EFL level, ethnicity & sex*
- Table 2 – *Age range, ethnicity & sex*
- Table 2A – *Reportables*
- Table 3 – *Program Type & Age*
- Table 4 – *MSG by entry level*
- Table 4A – *EFL gains*
- Table 4B – *Pre & post tests*
- Table 4C – *MSGs for distance learners*
- Table 6 – *Participant status & program enrollment*

North Carolina Community College System
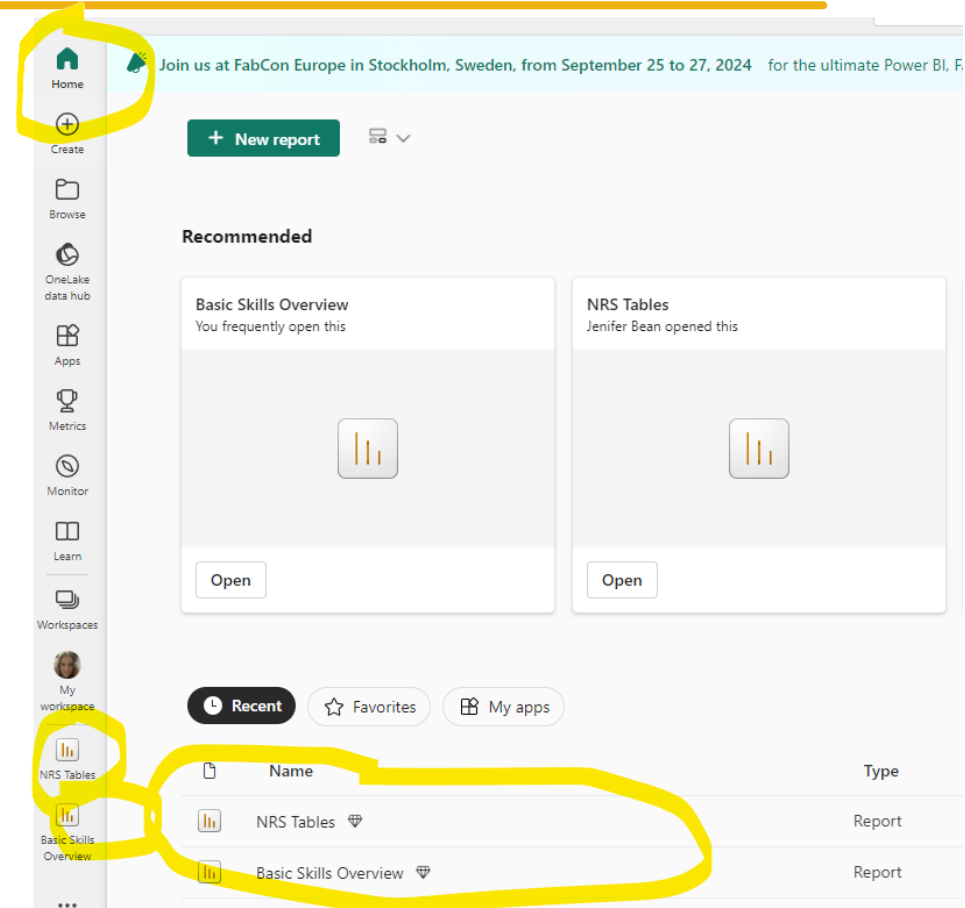
Tracking Student Recruitment in ADVANSYS

- Student Management>Enrollment Alerts
  - Active students who have not been placed into a class

- Student Management>Missing Entering EFL Report
  - Depending on workflow, students who have not returned to complete NRS testing

- Student Management>NRS Separation Report
  - Students without activity for the last 90+ days

- Student Management>Attendance Alerts
  - Filter for students who have not had attendance in X number of days

- Supplemental Reports>Student Enrollment Progress Report
  - Lists students with outstanding enrollment steps

Tracking Student Retention in ADVANSYS

Student Management>Attendance Alerts — *Filter for students who have not had attendance in X number of days*

Student Management>Testing Alerts — *Filter for students needing a post-test*

Student Management>Enrollment Alerts — *Active students who have not been placed into a class*

Supplemental Reports>Student NRS Registration/Attendance — *Displays reg. date, sep. date, YTD attendance & entering EFL*

North Carolina Community College System

Tracking Student Retention in Power BI

Overview tab
- Drill into reportable students & encourage program attendance
- Drill into Retention Rate cells to analyze student attendance
- Drill into Total POPs without MSG cell

MSG Rate by Hours
- Analyze MSG rate by participant hours based on entering EFL, program type, sex, race/ethnicity, age range & sex & age range

POPs without MSGs
- Analyze POPs without MSGs by participant hour ranges and/or program type

Monitoring Program Performance – Power BI

Overview Tab
- Drill into each MSG type

Table 4B
- Shows pre/post-test success rates of participants

Participant Pre/Post by Hours
- Participant post-test gain rate by hours of attendance

MSG Overview
- Shows MSG type percentages earned for program year

HSE Tab
- Shows data matched students for HSE diploma gains
- Always ensure you do not have students reported that the state could not match in the system. Clear monthly when applicable.

Maintaining Quality in Data

Ensure efficient & effective workflow of data

- LEIS forms, NRS registrations, profile changes, GED/HiSET candidate ID numbers on record, NRS assessment entry, secondary registration entry, separation workflow, outcome entry, etc.

Adhere to page 5 of NC Assessment Manual on data entry and approval requirements

- Set faculty expectations for attendance entries
- Prevents data entry/approvals from backing up

North Carolina Community College System

Idea Generation Time!

How do you use data to guide instruction?

How do you use data to evaluate your program and improve program performance?

Do you use data for academic intervention and/or remediation?

Tableau – Dashboards

- NCCCS website>About Us>Data & Reporting>Data Dashboards>Basic Skills/College and Career Readiness (CCR)

Basic Skills/College and Career Readiness (CCR)

Basic Skills Headcount

Basic Skills Retention
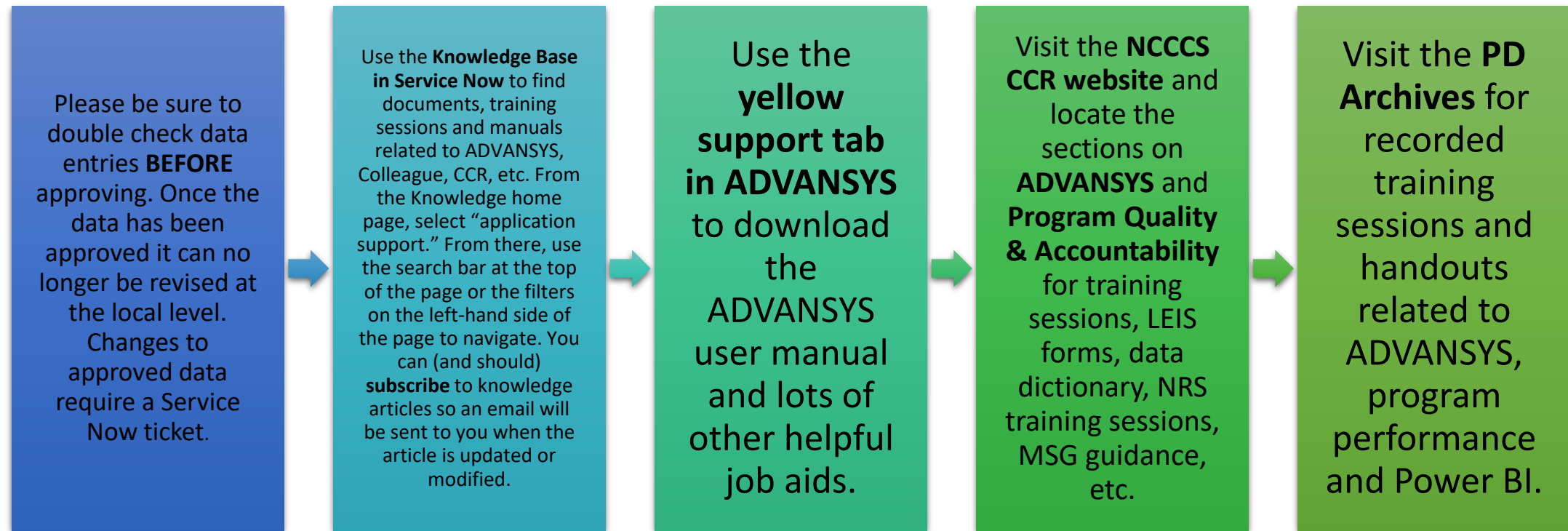
Basic Skills Program Participation

Basic Skills Measurable Skill Gain Rate (PM1) – Provider Outcomes

Basic Skills Measurable Skill Gain Rate (PM1) – Peer Comparisons

Basic Skills Follow-Up Outcomes

High School Equivalency Subsequent Postsecondary Enrollment

North Carolina Community College System

Service Now Error Mitigation Handout

Please be sure to double check data entries **BEFORE** approving. Once the data has been approved it can no longer be revised at the local level. Changes to approved data require a Service Now ticket.

Use the **Knowledge Base in Service Now** to find documents, training sessions and manuals related to ADVANSYS, Colleague, CCR, etc. From the Knowledge home page, select "application support." From there, use the search bar at the top of the page or the filters on the left-hand side of the page to navigate. You can (and should) **subscribe** to knowledge articles so an email will be sent to you when the article is updated or modified.

Use the **yellow support tab in ADVANSYS** to download the ADVANSYS user manual and lots of other helpful job aids.

Visit the **NCCCS CCR website** and locate the sections on **ADVANSYS** and **Program Quality & Accountability** for training sessions, LEIS forms, data dictionary, NRS training sessions, MSG guidance, etc.

Visit the **PD Archives** for recorded training sessions and handouts related to ADVANSYS, program performance and Power BI.

Students

Student is shown twice on the ADVANSYS Class Attendance Report – Check that you do not have one student with two ADVANSYS accounts and/or NRS registrations.


Switching contact types in ADVANSYS. Providers can switch a student's contact type when there are two blue arrows next to the contact type on the student's snapshot box. If the two arrows are not present on the student's record, please submit a Service Now ticket.

GED and HiSET candidate ID information – Be sure to enter this number on the student's demographics profile, then be sure to approve the profile change.

North Carolina Community College System

Students
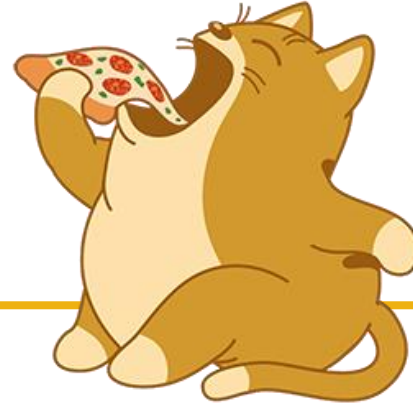
270-day Lookback Period – this is not a set date from year to year. See the current NC Assessment Manual for additional information on the lookback period. For the 2024-25 program year, tests must be on or after 10.5.2023 to pull in as a continuous student's initial placement.

NRS and Secondary Registrations – Please separate students from secondary registrations as soon as students are no longer in that program area (AHS, MPHSE, IET, IELCE, etc.). If also separating the NRS registration at the same time, separate the NRS registration (last date of activity auto populates) first, then use that POP end date to separate the secondary registration (system defaults to today's date).

ADVANSYS Dashboards

- **ADVANSYS Dashboards** – Please understand that these are for informational purposes and quick glances. Hover over each area of the dashboard to get a definition of the data contained in that area of the dashboard. Dashboards update at 2am daily. Changes made in the system will not be seen until the next day. Dashboards must be reset by the vendor at the beginning of new program years (usually around the end of August). For programmatic decisions and up-to-date reporting within ADVANSYS, always use the reports under the Student Management, Class Management and Reports tab. (See handout on NCCCS CCR ADVANSYS website with more details on the dashboard areas/content.)

North Carolina Community College System
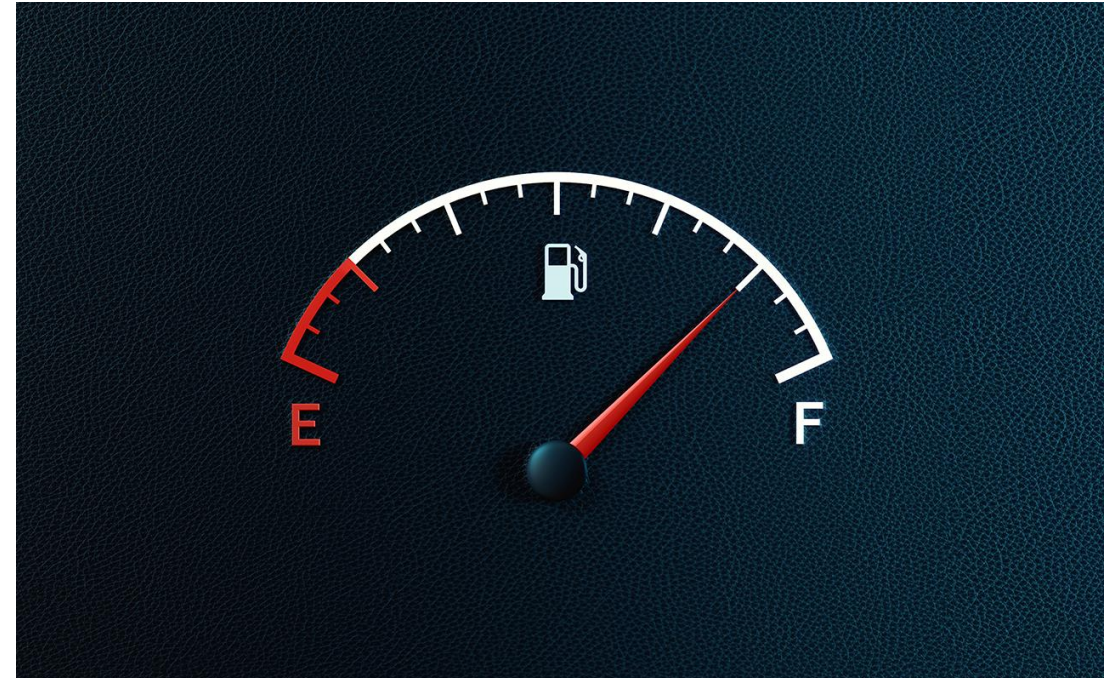
AHS Notes

Students move from ASEL (Level 5) to ASEH (Level 6) once 16.5 credits earned.

Set the entering EFL for AHS students on transcript, even if student also has NRS assessments.

Set a reminder in July to set the entering EFL for continuous AHS students on transcript.

ADVANSYS Notes

- Future date of service (FDS) in ADVANSYS is 180 days
  - (Was 120 days in Colleague)
  - Must be student prompted
  - Service Now incident needed to remove FDS

North Carolina Community College System

Integration

Service Now KB0014159, ADVANSYS and Colleague Integration Errors and Resolutions – Please download this document and subscribe to the article to ensure you receive updates. This document will assist in clearing the most common Boomi errors.

Service Now Notes

Please submit tickets to Service Now instead of emails or Teams chats.

- …When in doubt, submit a Service Now ticket

Recommend only having 1 or 2 Service Now requesters for CCR to limit duplicates & confusion

- Others can be added to watchlist

North Carolina Community College System

Questions?

- **Jessica Rieger**
  - Director of Program Performance & Operations
  - riegerj@nccommunitycolleges.edu

- **Dalanda Bond**
  - Education Program Specialist
  - bondd@nccommunitycolleges.edu

- **Monica Miller**
  - Business Systems Analyst
  - mmiller@nccommunitycolleges.edu