**Data Quality (DQ)**

The [**Data Quality dashboard**](https://app.powerbi.com/groups/me/apps/43578119-a96e-44b0-9099-faad9f3b9f50/reports/c31f59ce-1a9a-46f8-afd0-f426d30eb07b/ReportSection8feb699603b0a20b7576)is one of the core reports used by the Programs teams across all regions. Its main purpose is to help us identify various data quality issues found throughout our students' electronic records.

The dashboard contains 5 main Navigation components:

1. [Tab Menu](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#tab-menu)
2. [Slicer Menu](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#slicer-menu)
3. [Cards](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#cards)
4. [Key](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#key)
5. [Table Views](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#table-view)

The Data Quality Elements featured are:

1. [Fall/Spring Enrollment](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-enrollment)
2. [Fall/Spring Credits Attempted](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-credits-attempted)
3. [Credits Needed to Graduate](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#credits-needed-to-graduate)
4. [Fall/Spring Balance Paid](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-balance-paid)
5. [Fall/Spring Receiving Pell](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-receiving-pell)
6. [Fall/Spring Total Loans](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-total-loans)
7. [Fall/Spring Credits Earned](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-credits-earned)
8. [Fall/Spring GPA](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-gpa)
9. [Fall/Spring Maintained SAP](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-maintained-sap)
10. [Fall/Spring Cumulative Credits Earned](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-cumulative-credits-earned)
11. [Fall/Spring Cumulative GPA](https://tbl500amory.sharepoint.com/sites/ReportingDocumentation/SitePages/Data-Quality.aspx#fall-spring-cumulative-gpa)

Watch the [Dashboard Walkthrough](https://web.microsoftstream.com/video/e0689108-cf15-4712-845f-ad1d8d188153) to learn more about how to best use this tool, or watch the [video tutorial](https://web.microsoftstream.com/video/42bbe64c-db37-4221-b924-4906dc50b123) for managers

DQ Dashboard- Tab #1 Start of Year

**Navigation**

**Tab Menu**

* **Definition**: The tabs are a report element that allows you to view the reporting sections move between different sections in a single report
* **Purpose:**Tabs allow us to move between different sections and visuals throughout a single report ​​​​​​​
* **Example:​​​​​​​**

Tab menu can be found on the left-hand side of your Power BI Reporting App

**Slicer Menu**

* **Definition**: The slicer menu is a report element that allows you to view all the different reporting options
* **Purpose:**Allows us to filter (slice) the data by a variety of options such as a student's name, enrollment status, etc.​​​​​​​
* **Example:**

**​​​​​​​**

Slicer menu is located directly below the Key and Reset Slicer buttons

**Cards**

* **Definition**: Cards are a report element that highlight summarized data
* **Purpose:**Allows us to quickly visualize key information (i.e. total # of students in a certain category) ​​​​​​​
* **Example:**

**​​​​​​​**

The cards in the DQ dashboard are special. Clicking on the header will automatically filter the table views to show you the subset of students missing that data specific data element. It is also possible to select multiple card headers at once

**Key**

* **Definition**: Keys provide an extra layer of information to aid the user in using and navigating the dashboard
* **Purpose:**Allows us to understand the different meanings of the color codes present throughout the dashboard's table views​​​​​​​
* **Example:**

**​​​​​​​**

The color key can be found directly below the BL logo.

Clicking the key will show a new menu with options for each of the DQ fields

Selecting any DQ field will show definitions for the highlight colors, as well as instructions for how to fix the issues. Clicking the underlined title will take you to the Salesforce Knowledge Base for more information

**Table View**

* **Definition**: The Table View is a visual representation of student data
* **Purpose:**Allows us to see a by-name list of students and their relevant data​​​​​​​
* **Example:​​​​​​​**

Table view shown in Tab 1 of the DQ dashboard. Each tab has a different table view containing various relevant data elements depending on the time of the year

**Data Quality Elements**

**Fall/Spring Enrollment**

* **Definition**: The enrollment status indicates whether a student is attending college or not
* **Why do we need it?**Allows us to inform service planning​​​​​​​
* **Where do I enter this information?**Enrollment is captured under the Critical Data section of the Student Record**​​​​**

**Fall/Spring Credits Attempted**

* **Definition**: The total amount of credits a student has tried to complete throughout their college tenure
* **Why do we need it?**Comparing cumulative credits attempted to cumulative credits earned can help inform an advisor if a student is off-track for Satisfactory Academic Progress​​​​​​​
* **Where do I enter this information?** Credits Attempted are captured under the Critical Data section of the Student Record

**​​​​​​​**

**Credits Needed to Graduate**

* **Definition**: The amount of credits a student must complete in order to obtain a degree at the institution they attend
* **Why do we need it?**Allows us to calculate a student's academic progression. We use it as the denominator when we calculate % credits earned towards degree​​​​​​​
* **Where do I enter this information?**College Credits to Graduate are captured under the college progression section in the Student Record​​​​​​​**​​​​​​​**

**Fall/Spring Balance Paid**

* **Definition**: The status of the student's bill during that term
* **Why do we need it?**Allows us to track progress towards the affordability goal​​​​​​​
* **Where do I enter this information?**Balance Pa​id is captured under the Critical Data section of the Student Record

**Fall/Spring Receiving Pell**

* **Definition**: The amount (if any) of federal student aid a student is receiving
* **Why do we need it?**Eligibility for Pell Grants is often a measure that we are asked to report on as a way to gauge how many of the students in our program come from a low-income family​​​​​​​
* **Where do I enter this information?** Receiving Pell Grant is captured under the Critical Data section of the Student Record​​​​​​​

**Fall/Spring Total Loans**

* **Definition**: The amount (if any) of student debt a student is accruing throughout their college tenure
* **Why do we need it?**Allows us to track progress towards the affordability goal​​​​​​​
* **Where do I enter this information?**Total loans are captured under the Critical Data section of the Student Record​​​​​​​

**Fall/Spring Credits Earned**

* **Definition**: The total number of credits completed by the student during a semester term and counted towards completion of a degree
* **Why do we need it?**A​​​​​​​llows us to track progress towards degree completion​​​​​​​
* **Where do I enter this information?**Credits Earned are captured under the Critical Data section of the Student Record**​​​​​​​**

**Fall/Spring GPA**

* **Definition**: The average numeric value (between 0 and 4) of the accumulated final grades earned in courses
* **Why do we need it?**Allows us to track and understand a student's academic progress over time​​​​​​​
* **Where do I enter this information?**GPA is captured under the Critical Data section of the Student Record​​​​​​​

**Fall/Spring Maintained SAP**

* **Definition**: The successful completion of coursework toward an eligible certificate or degree- defined by colleges' Office of Financial Aid
* **Why do we need it?**Allows us to determine eligibility for federal aid and enables us to service plan around any potential barriers in affordability
* **Where do I enter this information?**Maintained SAP is captured under the Critical Data section of the Student Record​​​​​​​

**Fall/Spring Cumulative Credits Earned**

* **Definition**: The total number of credits completed over time and counted towards completion of a degree
* **Why do we need it?**A​​​​​​​llows us to track progress towards degree completion
* **Where do I enter this information?**Cumulative Credits Earned are captured under the Critical Data section of the Student Record​​​​​​​**​​​​​​​**

**Fall/Spring Cumulative GPA**

* **Definition**: The average numeric value (between 0 and 4) of the accumulated final grades earned in courses over time
* **Why do we need it?**Allows us to track and understand a student's academic progress over time​​​​​​​
* **Where do I enter this information?**Cumulative GPA is captured under the Critical Data section of the Student Record​​​​​​​