Copy of Retention subject area

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1. Purpose – The Retention Subject Area page allows users to analyze a cohort (group of students) who enter NYU at a specific point in time using different demographic, social, academic (including academic program) and other facts. Cohort analysis is used to understand the characteristics of students entering at a specific time, predictive modeling, and student success measurements. The main goal of this subject area is to allow the Office of Institutional Research and Data Integrity (and other advance users at the university) to improve their understanding of student progression and success patterns. This helps policy-makers at the university focus on efforts to improve student success and other areas of achievement. It is also used to model who is likely to retain and persist as well as the characteristics of those who persist and those who leave the university before graduating. The Retention Dashboard, developed using the SIS Retention Subject Area, provides users with the following analyses:

- One year retention rate
- Graduation rate
- Retention trend (up to 16 years)
- GRS retention report
- Retention by plan (can be reported by school or by plan)

2. Fact Amounts –

- **Cohort:** This is a discrete group of students defined by a combination of Term of Entry (TOE) attributes including term, school, new/continuing type (new freshman, new internal transfer, etc.), degree level, and FTFT (first time/full time flag).

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<thead>
<tr>
<th>Rule #</th>
<th>Business Rule</th>
<th>Business Rule Description</th>
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| 1      | The number of students in the entry cohort should equal the number of students tracked for each subsequent term | • Students are tracked for 16 years in a cohort regardless if they are enrolled or term activated.  
• All four terms are tracked (Fall, January, Spring, Summer) for both entry and enrollment |
| 2      | First Time Full Time Entry Cohort | • This cohort designation is specific to the IPEDS Graduation Rate Survey (GRS)  
• This attribute tracks and aggregates students that entered in either (a) the fall as first-time full-time freshman or (b) in the summer (part-time or full-time first-time freshman) and re-enrolled in the fall as full-time students  
• Only applies to undergraduate freshman students |
| 3      | Students may be part of multiple cohorts at once | • A new cohort is assigned every time a student is “new” for a given term (reg type code = “New”).  
• Dual degree program students may be new in the same career |
| 4      | Student Maintaining Matriculation | • If a student is maintaining matriculation at term of entry, then this student is included in a cohort |
| 5      | Student on Leave of Absence | • Leave of absence students are captured in a cohort when their "new/continuing type = NEW"  
• For official reporting, these students will be captured with an enrollment status of "not enrolled" |
| 6      | Earliest TOE | • The earliest term of entry tracked is Fall 1995 |

**Cohort Status:** This is defined by student NYU enrollment status (enrolled, not enrolled, graduated, or academic dismissal). A student can have only one cohort status per cohort each term. If a student is found to meet the conditions for more than one cohort status (e.g.
having been academically dismissed yet enrolled in courses) then the following rules of precedence are followed:

- Academic dismissal takes precedence over enrolled
- Graduated takes precedence over enrolled the term after the degree is awarded
- The graduated precedence is still valid even if a student continues to enroll in classes in the same CPP stack after the degree is awarded

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<tr>
<th>Cohort Status</th>
<th>Business Rules</th>
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| Enrolled      | Is enrolled in a class with a status = ‘E’  
                Is not withdrawn from the University  
                Is not maintaining matriculation  
                Is not on leave of absence |
| Graduated     | Degree Status is Awarded  
                Program Status is Completed and Degree Awarded in Primary Career/Program/Plan  
                Students’ graduation is tracked in the “graduated” category beginning the semester AFTER their graduation. In the semester that a student graduates, he or she would continue to be counted in the category into which she or he would otherwise fall, e.g. Enrolled, Not Enrolled, etc.  
                Students who already graduated and come back to take further classes in the same or a different CPP should be marked as Graduated. However, they should be tracked with NYU_Enrollment_Status = ‘E’ as part of the out-term attribute. |
| Academic Dismissal | Student who are asked to leave the University due to a variety of reasons such as Academic Dishonesty, etc. Policies may vary by school.  
                Campus Solutions Academic Standing Action = ‘DISM’ ( Academic Dismissal)  
                Students can be enrolled during the term in which they have an Academic Dismissal  
                Academic Dismissal takes precedence over Enrollment  
                In some instances active term records might exist even though the student has been dismissed. This is a data source error and should be reported to Registrar. |
| Not Enrolled   | Enrollment status <> ‘E’  
                Is withdrawn from the University  
                Is maintaining matriculation  
                Is on a leave of absence |

- **CPP Status**: This indicates if the student is in the "original" or "other" organization, school, program, or plan. If the student is not enrolled, graduated, or academically dismissed, their CPP status remains the same as the last term in attendance. A user has the ability to compare term of entry versus current values for plan, program, school, and organization.

- **Term Folder**: This contains term information as well as retention year/retention term number and GRS year. GRS year only applies to Fall terms.

- **Term of Entry (TOE)**: This refers to a student's first term (i.e. a student's new/continuing status is "new," e.g. new freshman, new external transfer, etc.)

- **Out Terms**: Each term after the term of entry.

- **Opportunity Indicator**: This identifies whether the student is in either HEOP or CSTEP.

- **Required Fields**: When running ad hoc queries in the SIS Retention Subject Area, it is important to include one of two required fields in the criteria. This includes either "cohort code" or "TOE first time full time flag (IPEDS GRS)."

- **Test Scores and Reporting Department**: Data is available beginning with the January 2017 term for these attributes.

- **Graduation Rate Survey (GRS)**: This is the official government report where graduation rates are submitted. The reporting cohort consists of students that entered in either the fall as first time full time freshman or in the summer (part time or full time first time freshman) and re-enrolled in the Fall as full time students. Designated by "TOE first time full time flag (IPEDS GRS)" = “Y.”
3. Examples –

4. User Notes – Please note that cohort analysis is used to understand the characteristics of students entering at a specific time, predictive modeling, and student success measurements.

5. Additional Reports –