STARS GRS Cohort Tracking

Graduation/Retention/Stop-Drop Out Rates and Trends
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• Under construction
Graduation, Retention, and Stop-Drop Out Rate Reports

- There are several Stars reports that compute and track trends in student Graduation, Retention and Stop-Drop Outs in an entering cohort of students.

- The reports can be applied to a variety of subgroups of students in each cohort (such as Majors in a specific Department).

- Beta versions are linked from the Stars Reports Module Menu (SMM) page, which is displayed after logging on.
Definitions

• **Base Population** – a cohort of new students who matriculated in the *Cohort Term Effective*. A set of filters can be applied to further narrow the cohort.

• **Target Term Filter** – Refer to any term starting from the *Cohort Term Effective*. The filters are based on academic characteristics of the students in the target term.

• **Grad/Ret/Stop-Drop Evaluation Population** – the subset of the base population consisting of students who have either:
  - Graduated prior to the Target Term and satisfied the target term conditions in their graduation term, or
  - Have not graduated prior to the Target Term and satisfy the conditions in the target term.
Definitions of Graduation/Retention/Stop Drop out Statistics

Counts:

- **Nb** = Base Population
- **Ng** = Number of students who graduated prior to the target term that satisfied the filter conditions in the term in which they graduated
- **Nu** = Number of students who did not graduate in the target term that satisfied the target term filter conditions;
  - **Nr** = Subgroup of the **Nu** group that registered for at least one class (retained)
  - **Ns** = Subgroup of the **Nu** group that did not register for any classes in the target term (not retained)

Rates:

- Graduation = **Ng/Nb**
- Retention = **Nr/Nb**
- Stop-Drop out = **Ns/Nb**
Navigating to Report Links

7. Cohort Tracking and Census

Census reports included in this section are for the most part based on Stars Census tables. These are derivatives of the WSU Banner Government census files but they include some additional calculated fields that are useful. The WSU Banner Government census files are finalized each term on the Census Freeze Date, and the Stars Census

- Graduation, Retention, Stop-Drop Out - for GRS and other cohorts and can be filtered by department, program, gender, ethnicity, etc.
- Graduation, Retention, Stop-Drop Out Trends - provides data for a sequence of GRS (or other) cohorts. These data are assembled in a format that allows them to be directly copied into a linked Excel spreadsheet and then displayed as trends or graphs.
- New Student Tracking Tool (NSTT)* - a variety of reports based on cohorts of students New to the University.
7c. Graduation/Retention Stop-Drop Out

7. Cohort Tracking and Census

Census reports included in this section are for the most part based on Stars Census tables. These are derivatives of the WSU Banner Government census files but they include some additional calculated fields that are useful. The WSU Banner Government census files are finalized each term on the Census Freeze Date, and the Stars Census shortly thereafter (within a few days). During the period after Registration begins for a term and before the census freeze date, the Stars Census files are populated weekly with preliminary data. This is useful for two purposes: (i) testing, and (ii) to run sub-reports on the reports in this section that focus on tracking students in a cohort to determine if they have yet registered for a coming term. A list of dates for the start of census update and final census freeze for past and future terms is available.

a. Cohort Tracking Tool (CTT) - a variety of reports based on Stars cohorts. The newly updated version includes Graduation-Retention summaries and downloadable charts. The legacy version is still available.

b. Cohort Tracking Tool (CTT) Gamma - a variety of reports based on Stars cohorts.

c. Graduation, Retention, Stop-Drop Out - for GRS and other cohorts and can be filtered by department, program, gender, ethnicity, etc.

d. Graduation, Retention, Stop-Drop Out Trends - for GRS and other cohorts and can be filtered by department, program, gender, ethnicity, etc. Use data with the linked Template.
I. Parameter Selection Form

There are 3 sections to this form:

1. Base Population
2. Target Term Filter
3. Report Specifications

7c. Graduation Retention Stop-Drop Out
The **Base Population** section defines the cohort of new students that will be the subject of the report. The focus here will be sub-populations of the GRS (Graduate Rate Survey) cohorts. The GRS cohorts consist of first-time, full-time degree seeking students who started in a particular Fall semester (and some students who started in the prior Spring/Summer semester). The population of the report may be filtered by the School, Program, Department, Major, Gender, Ethnicity, or Student Attribute (such as First Generation).
Parameter Selection 2: Term Filter

The Term Filter section determines the sub-population of the base population, as well as the criteria for which they are evaluated (Retained, Graduated Prior, or Stop-Dropped Out)

7c. Graduation/Retention Stop-Drop Out
7c. Graduation/Retention Stop-Drop Out

Parameter Selection 3: Report Specifications

The **Report Specifications** section enables selection of the:

1. Sub-report – e.g., Graduation,
2. Report Type – Summary or Detail
3. Output Type – HTML or Excel
4. Sort – Name, Banner ID, or none
7c. Graduation/Retention Stop-Drop Out - Examples

Example 7c.1:
- Base Population Cohort – GRS
- Base Population Term Eff – Fall 2010
- Base Population Init Department – None
- Target Term – Fall 2015 (or all terms from Fall 2010 to Fall 2015)
- Target Term Department Filter – None
- Grad/Ret/Stop-Drop Evaluation – All students starting in the Fall 2010 GRS cohort evaluated according to whether they graduated by Fall 2015 and if not, whether they were retained or not.

Example 7c.2:
- Base Population Cohort – GRS
- Base Population Term Eff – Fall 2010
- Base Population Init Department – MAT
- Target Term – Fall 2015
- Target Term Department – None
- Grad/Ret/Stop-Drop Evaluation Population – All students starting in the Fall 2010 GRS cohort who matriculated in the Mathematics Department evaluated according to whether they graduated by Fall 2015 and if not, whether they were retained or not. All of the students in the base population are evaluated.

Example 7c.3:
- Base Population Cohort – GRS
- Base Population Term Eff – Fall 2010
- Base Population Init Department – MAT
- Target Term – Fall 2015 (or all terms from Fall 2010 to Fall 2015)
- Target Term Department – MAT
- Grad/Ret/Stop-Drop Evaluation Population – All students starting in the Fall 2010 GRS cohort who matriculated in the Mathematics Department who either graduated with a major in the Mathematics Department prior to Fall 2015 or had not yet graduated with their last declared major being in the Mathematics Department

Example 7c.4:
- Base Population Cohort – GRS
- Base Population Term Eff – Fall 2010
- Base Population Init Department – MAT
- Target Term – Fall 2015 (or all terms from Fall 2010 to Fall 2015)
- Target Department – PHYS
- Grad/Ret/Stop-Drop Evaluation Population – All students starting in the Fall 2010 GRS cohort who matriculated in the Mathematics Department who either graduated with a major in the Physics Department prior to Winter 2016 or had not yet graduated with their last declared major being in the Physics department
Graphic A corresponds to the parameter selection form (*note that the only filter in the base population section is the GRS cohort*), and Table B gives the numbers and percentages of GRS students in each
Ex 7c.1: Rates and Totals GRS Fall 2010 to Fall 2015

Graphs of Table B

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<th>Term</th>
<th>201009</th>
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Note: This cohort only describes the students who matriculated in the math department; these students may or may not have remained in the math department.
Drill-down on the 8 students in this cohort.

Ex 7c.2: Base Population GRS Fall 2010, Initial Department MAT, Target Term Fall 2015
Click on the Banner ID to open the Student Profile for each student to track their majors from Fall 2010 to Fall 2015.

As shown in the tables, Student 1 changed his or her major from Mathematics to Physics in Spring 2013 and again to Finance in Spring 2016. Student 2 and Student 3 remained Mathematics majors from Fall 2010 to Fall 2015.
Ex 7c.3: Base Population GRS Fall 2010, Initial Dept MAT, Target Term Fall 2015, Target Dept PHYS
Ex 7c.3: Base Population GRS Fall 2010, Initial Dept MAT, Target Term Fall 2015, Target Dept PHYS

Drill-Down on 1 Student who changed major from MAT to PHYS.

Link to Student Profile and student’s academic history by clicking Student ID.
Ex 7c.3: Base Population GRS Fall 2010, Target Term Fall 2015, Target Dept PHYS
Ex 7c.4 : Base Population GRS Fall 2010, Target Term Fall 2015, Target Dept PHYS

Drill-Down to Students includes the one that changed major from Mathematics to Physics.
7d. Graduation/Retention Stop-Drop Out Trends

Report 7c deals with individual GRS cohorts. To examine trends, it is helpful to output data for a sequence of consecutive GRS cohorts at once. This report is used with a linked excel spreadsheet.
7d. Graduation/Retention Stop-Drop Out Trends

1. Parameter Selection Form

The parameter selection form in report 7d contains the same 3 sections as report 7c:

1. Base Population
2. Term Filter
3. Report Specifications
Example 7d.1:

- **Base Population Cohort** – GRS
- **Base Population Term Eff** – Fall 2010
- **Base Population Init Department** – CHM
- **Target Term** – Fall 2016
- **Target Term Department Filter** – None
- **Grad/Ret/Stop-Drop Evaluation Population** – All students starting in the Fall 2010 GRS cohort who matriculated in the Chemistry Department (and may or not have graduated from the Chemistry Department)
Ex 7d.1: GRS Fall 2010, Initial Dept CHM, Target Term Fall 2016

7d. Stars Retention/Graduation/Stop Drop-out Trends

<table>
<thead>
<tr>
<th>Cohort Term Effective</th>
<th>Graduate Rate Survey (GRS)</th>
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<tbody>
<tr>
<td>School (All)</td>
<td>(All)</td>
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<td>Graduation Status</td>
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Term Filter:
- Term: Fall 2016
- Registration Status (All)
- Graduation Status (All)

Primary Academic Curriculum:
- School (UG)
- Level (UG Undergraduate)
- Program (UG Undergraduate)
- Department (Chemistry)
- 1st Major(s)
- Minor (Art History, AAS American Indian Studies, Accounting, Accounting/Minor, Art History, Art History/MI Comm, AEAE (Art Education), AEAE (Art Education) Honors)

Secondary Academic Curriculum:
- Program 2
- User Cohort
- User Cohort Term (Sana Selected)

4. Report Specifications:
- Sub Report: Graduation/Retention/Stop Drop-out
- Report Type: Summary
- Output Type: CSV
- Filter:
  - All terms in range
  - Course Data Filter
  - Control Key down to for Multiple selections in the Listbox
Run the report

From anywhere in the area pictured, click CTRL+A to highlight all of the information, and CTRL+C to copy it.
Ex 7d.1: GRS Fall 2010, Initial Dept CHM, Target Term Fall 2016

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27
Ex 7d.1: GRS Fall 2010, Initial Dept CHM, Target Term Fall 2016

In the “Data” tab of the Excel template, right click in cell A1 and under “Paste Options”, click “Match Destination Formatting”. It does not matter if there is already data on this page – this procedure will overwrite it.
Ex 7d.1: GRS Fall 2010, Initial Dept CHM, Target Term Fall 2016

Trend data and graphs will be displayed in the “Report” Tab
Presentation written by

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