

Guide to Program Review Data

Institutional Research and Analysis provides data to department chairs to conduct academic program reviews as outlined in the Delaware State University Program Review Guidelines. The following explains some of the terms and approaches used in generating the data. Five years of trend data are included unless specified otherwise. Please direct questions about program review data to the Office of Institutional Research and Analysis at ira@desu.edu or 857.7036.

Enrollment Trends

Enrollments are based on fall enrollments by department, level, and major. Major concentration is included for those departments that have them. Fall term codes are used to label semester terms (e.g., 200401 = Fall 2003; 200501 = Fall 2004; 200601 = Fall 2005.) Gender subsets are included in enrollment data.

Degree Trends

Degree totals are based on annual degrees awarded by department, level, and major. Major concentrations are also included for departments that have them. Gender subsets are included in degree data.

Department Course Data

Department course information includes reports for the following: 1) average enrollments for active courses taught in fall and spring terms; 2) student credit hour production by faculty member; and 3) grade distributions by course and term. These reports are contained in Excel pivot tables that can easily be changed to show more or less data. Contact IR&A for assistance, if needed.

Retention Data

Retention rates show the percentage of students from entering **full-time**, new freshman cohorts who re-enroll the following fall semester. Retention is shown at three levels: University, department, and major. Retention data by major can show patterns in students changing majors as well as migration across majors within a department.

Cohort N. Program review cohorts include all first-time, award-seeking students within a major. The cohort N is the denominator in retention calculations.

Cohort Return N. Members of program review cohorts who re-enroll in the subsequent fall after entry. Cohort return N is the numerator in retention calculations.

Cohort Retention. The number of cohort members who re-enroll in the subsequent fall after entry shown as a percentage of the cohort. Cohort retention is shown at the university level, in the department, and in the major.

Guide to Program Review Data

Persistence Data (Graduation Rates)

Graduation rates reflect the percentage of students from **full-time** entering new freshman cohorts who complete the baccalaureate degree in six years or less. Graduation rates are also shown at the University level, in the department, and in the major.

Cohort N. Program review cohorts for graduation rates include all **full-time**, first-time, award-seeking students within a major. Cohort N is the denominator in graduation rate calculations.

Cohort Completer N. Members of program review cohorts who complete the baccalaureate degree in six years or less. Cohort completer N is the numerator in graduation rate calculations.

Graduation Rate. The number of program review cohort members who complete the baccalaureate degree in six years or less shown as a percentage of the cohort. Graduation rates are shown at the university level, in the department, and in the major.

Trends statistics do not appear when entering cohorts include no students in the major. Error messages may appear in the spreadsheet, but they do not appear in printed reports.

Abbreviations / Terms

4 Year Average. The arithmetic mean for the previous four years of data

Standard Deviation. The standard deviation for the previous four years of data within a data set. The standard deviation measures the spread (how close to or far from) the values are in comparison to the mean.

+/- 4 Year Average. The difference between the most current semester or year total and the four-year average

Z Score . This value is a standardization of measurement for the current year's data against the four-year trend. Z Scores above 1.96 or less than -1.96 are considered significant as they reflect change that is in excess of two standard deviations away from the mean.

FT – Full time students; *PT* – Part-time students

<u>Program Review Data</u>	<u>Year Refers to</u>
Enrollment Trends	Fall enrollment terms (e.g. 200401, 200501, 200601)
Degree Awards	Spring graduating classes
Course data	Fall and spring terms
Retention Rates	Fall entering cohorts
Graduation Rates	Fall entering cohorts