

Data Collection Overview

Schools collect and submit the following historic and current persistence, retention, and graduation data to the Center for Inclusive Computing’s Data Collection Portal. Data entry format will be either (a) Total number or (b) Demographic matrix, which breaks down total numbers by race and gender.

Introductory Course Sequence - Data will be requested for each course in the introductory course sequence (CS1, CS2, and CS3). CS1 example below.	
CS1 Course Context and Staff	
Number of CS1 sections	Total number
Number of tenure/tenure track, other full time, and/or part-time faculty	Demographic matrix
Teaching Assistant hours allocated	Total number
Number of undergraduate and graduate TAs	Demographic matrix
CS1 Enrollment	
Number of students enrolled on Day 1 of Academic Term	Demographic matrix
Changes in enrollment (dropped and added) between Day 1 and Official Enrollment Day	Total number
Number of students enrolled on Official Enrollment Day (subsequent data is based on this number)	Demographic matrix
Number of students enrolled in CS1 who took CS0, if applicable	Demographic matrix
Number of students who are full-time, first-year students	Demographic Matrix
Number of students enrolled in CS1 who were external transfers	Demographic Matrix
CS1 Persistence – Each of following data points will need to be broken down by students who are (a) Computer Science majors, (b) Other Computing majors, (c) Non-computing majors, (d) Undeclared majors, (e) external transfer students.	
Number of students enrolled	Demographic Matrix
Number of students who completed/passed	Demographic Matrix
Number of students who completed CS1 and registered for CS2	Demographic Matrix
Number of students who withdrew from CS1	Demographic Matrix
Number of students who failed CS1	Demographic Matrix

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Retention and Graduation – Data will be requested for Computer Science and Other Computing. Computer Science example below.	
After identifying total Computer Science in “previous term”, provide the following for each group in the “current term.”	
Number of students graduated	Demographic matrix
Number of Computer Science students still enrolled as major	Demographic matrix
Number of Computer Science students who changed major to Other Computing	Demographic matrix
Number of Computer Science students who changed to a Non-computing major	Demographic matrix
Number of Computer Science students who left institution without graduating	Demographic matrix
After identifying total number of new Computer Science students in the current term	
Total number of new Computer Science majors who were not transfer students and declared a major for the first time	Demographic matrix
Total number of new Computer Science majors who transferred internally from another degree program at your institution	Demographic matrix
Total number of new Computer Science majors who transferred externally from another institution	Demographic matrix