

New Students

Movement In and Out of Divisions/Colleges

(Expanding on Freshmen Majors Analysis dated 11/24/03)

ISSUES EXAMINED (CONTEXT)

What percentage of students admitted in a particular major graduate from that major? Are there differences among the schools/colleges/divisions? This analysis seeks to answer these questions and provide additional information for enrollment management and program size planning.

METHODOLOGY

The Fall 1997 new student cohort who were awarded bachelors degrees sometime before Fall 2003 was examined (i.e., students who have graduated within 6 years). Generally, about 79% of students graduate within this timeframe. The groups examined in this analysis are:

- new freshman - students who entered in fall quarter at the freshman level, regardless of whether they were admitted direct from high school or as transfers
- new non-freshman – students who entered in fall at a sophomore or higher class level, regardless of whether they were admitted direct from high school or as transfers
- total new student cohort – includes all new students in Fall 1997.

Computer Science majors are included with Engineering majors and undeclared Life Science majors are included with Division of Biological Science majors. This analysis does not consider major changes within the same division/college.

RESULTS OF ANALYSIS – TOTAL NEW STUDENT COHORT

The movement of all entering students is illustrated in Chart 1. The diagram reads left to right and follows the entering new student cohort from the left-hand boxes to their exit major college/division. The percentages represent the proportion of the entering cohort from a particular school/college/division who graduate in that unit. The movement of new freshman and new non-freshmen, the component parts of the total new student cohort, are displayed on Charts 2 and 3.

Using the College of Agricultural and Environmental Sciences (CAES) as an example, the analysis reveals that of 1,248 new students (767 new freshmen and 481 new non-freshmen), 49% of the students that entered CAES in Fall 1997 graduated from CAES before Fall 2003.

In addition, 14% of the students graduated in Social Science majors, 14.5% graduated in other majors, and 23% of the cohort had not yet graduated by Fall 2003 (dropped out, withdrawn or still pursuing degrees). The details for new freshmen students are displayed in Chart 2. For CAES, of the 767 new freshmen who entered in Fall 1997, 43% graduated in CAES majors before Fall 2003. The details for new non-freshmen (largely transfer students) are displayed in Chart 3. For CAES, of the 481 new non-freshmen who entered in Fall 1997, 58% graduated in CAES majors before Fall 2003.

SUMMARY OF FINDINGS

Percentage of majors starting and finishing in the same division/college:

	Total	Freshman	Non-Freshman
College of Agricultural & Environmental Sciences	48.6	43.0	57.6
Division of Biological Sciences	46.8	41.3	65.3
College of Engineering	56.5	50.3	69.6
Division of Humanities, Arts & Cultural Studies	43.5	36.0	60.5
Division of Math and Physical Sciences	11.2	7.0	26.2
Division of Social Sciences	61.9	53.6	77.2
Campus	60.2	52.0	77.6

NEXT STEPS AND POSSIBLE ITEMS FOR FURTHER STUDY

- Incorporate data about the movement of students into future enrollment planning cycles for new fall admits.
- Examine the frequency of major changes and the effect of major changes on time to degree.

Attachments:

- Chart 1: Majors at Graduation by Admit Majors --Fall 1997 Total New Student Cohort
- Chart 2: Majors at Graduation by Admit Majors --Fall 1997 Freshman Cohort
- Chart 3: Majors at Graduation by Admit Majors --Fall 1997 Non-Freshman Cohort

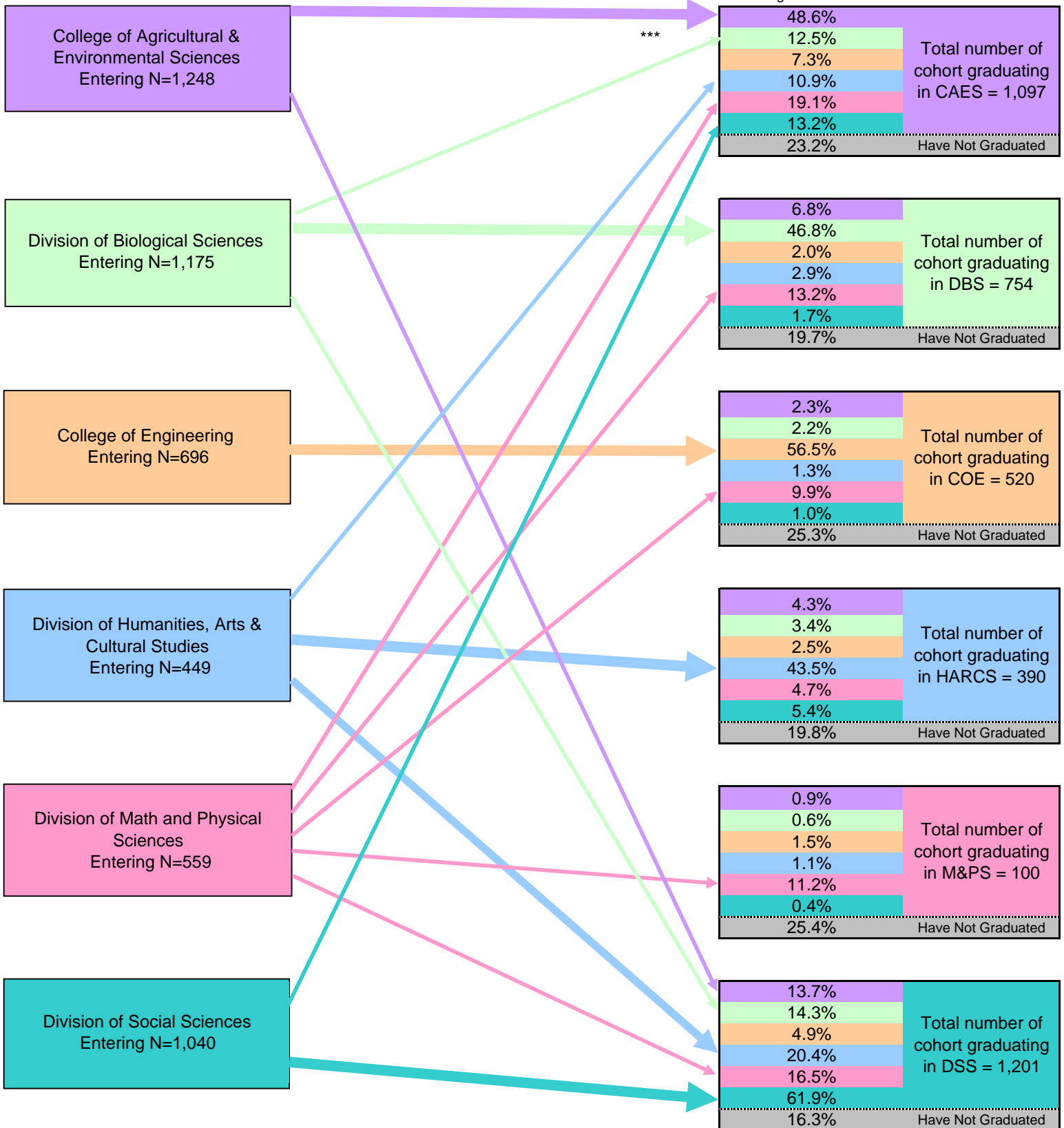
Note: The previous version of Chart 2, the New Freshman Cohort chart, was based on a duplicated count of graduating students (counting the number of degrees/majors awarded instead of headcount). In the latest version of Chart 2 (marked "Revised January 2004"), we are reporting headcount, i.e. using unduplicated counts. Therefore, this version of the New Freshman Cohort chart has slightly different numbers of graduating students than the earlier published chart.

M:\Ay04\100's\04-100-51\Major In Major Out_all-1.13.04 Revised format2.doc

Fall 1997 New Student Cohort
(includes Freshman Transfers)
N=5205*

Cohort Outcomes as of Fall 2003 (6 Years)
78.8%** Graduated

% of in-majors graduating in
the College/Division



Notes:

* 38 students **entered** in majors outside of these college/divisions.

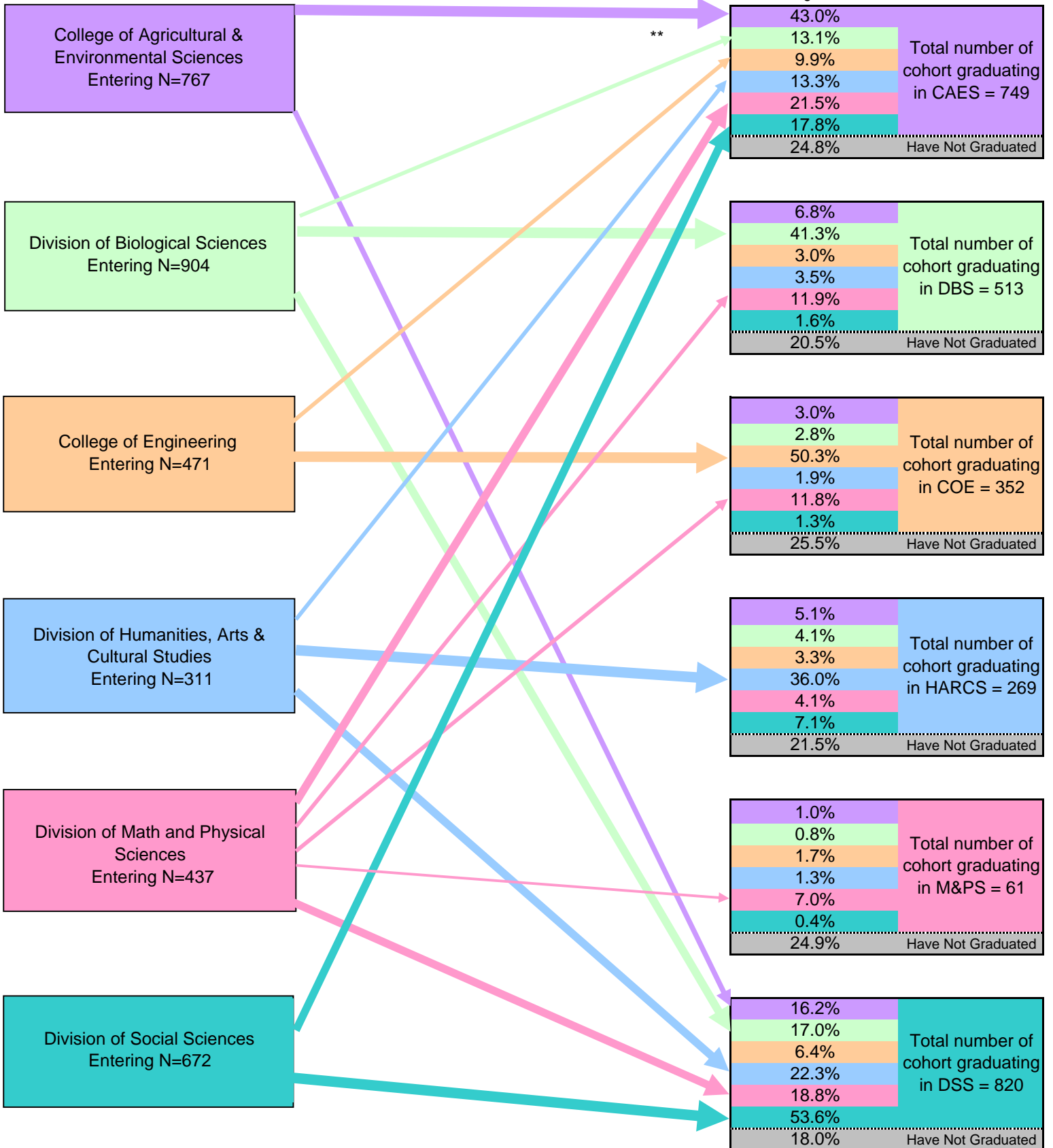
** 10 students **graduated** in majors outside of these college/divisions.

*** Movement of in-majors is color coded. Primary movements are highlighted with arrows

Majors at Graduation by Admit Majors -- Fall 1997 Freshman Cohort

Fall 1997 New Freshman Level Cohort (includes Freshman Transfers) N=3562

Cohort Outcomes as of Fall 2003 (6 Years) 77.8%* Graduated
% of in-majors graduating in the College/Division



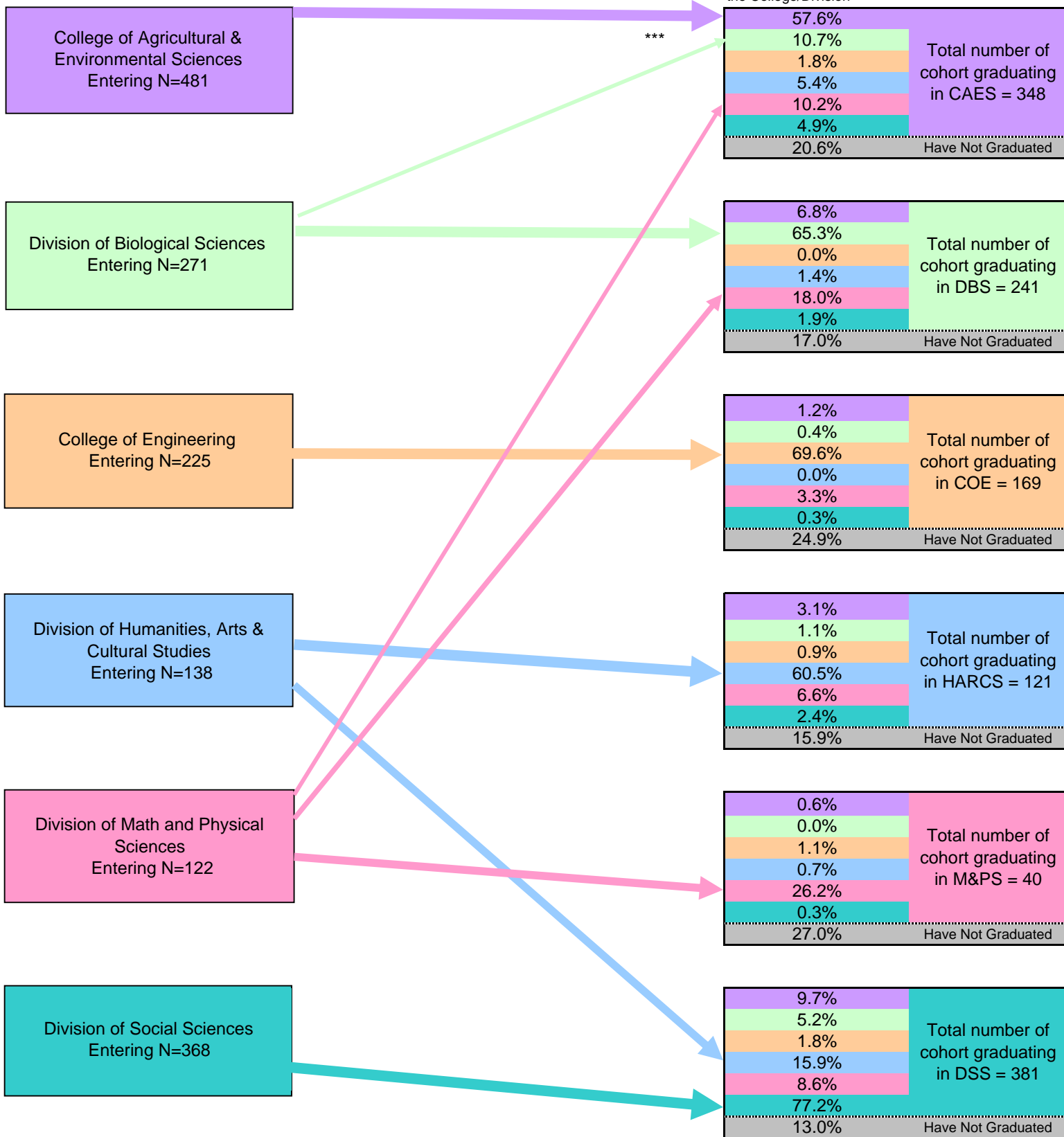
* Note: 7 students graduated in majors outside of these college/divisions (Individual and Vet Med majors)

** Movement of in-majors is color coded. Primary movements are highlighted with arrows

Fall 1997 New Non-Freshman Level Cohort (includes some direct from high school) N=1643*

Cohort Outcomes as of Fall 2003 (6 Years)
81.1%** *Graduated*

% of in-majors graduating in the College/Division



Notes:

- * 38 students **entered** in majors outside of these college/divisions.
- ** 3 students **graduated** in majors outside of these college/divisions.
- *** Movement of in-majors is color coded. Primary movements are highlighted with arrows