

# MEASURES OF CONSTRAINTS AND IMPACTION DEFINITIONS

**Six Year Weighted Summary** takes each of the years where data is available and then multiplies them by a weight factor where 1 is for the earliest year and 6 is for the most recent. The weighted value is then divided by 21 (the sum of 1 to 6).

## RATIOS

**FTE Students/Total Faculty FTE** represents the **Total Student FTE** per **Total Budgeted Faculty FTE**. Therefore, the higher the ratio either the larger the number of full-time students they teach or the lower their faculty FTE. The faculty FTE is permanently budgeted and comes from the Budget Office's Departmental Breakdown reports and the Allocated Student FTE is computed by the Computing Office - Information Systems. Both elements are in the Cal Profiles.

**Graduate Majors/Permanent Faculty FTE** represents the headcount number of **Graduate Majors** in a unit to the number of **Permanently Budgeted Faculty FTE** (not including non-recurrents) in the same unit. The graduate majors are headcount, not prorated (so double majors count as one in each unit). Therefore the higher the ratio, either the higher the number of graduate majors or the lower the number of permanently budgeted faculty FTE. Both elements are in the Cal Profiles.

**Staff/Total Faculty FTE** represents the number of **Total Budgeted Non-Academic Staff** to the **Permanently Budgeted Faculty FTE**. The campus total represents the School/College total and excludes staff associated with administrative (non-academic units). The higher the ratio, either the higher the number of budgeted staff FTE or the lower the number of total budgeted faculty FTE (including non recurrents). Both elements are included in the Cal Profiles.

**Assigned Square Feet/Total Faculty FTE** represent the number of assigned square feet to a unit (based on data provided from the FDX system) divided by the number of total budgeted faculty FTE. The higher the ratio, either the higher the number of assigned square feet or the lower the number of budgeted faculty FTE (including non recurrents). Both elements are included in the Cal Profiles.

## FACULTY

**Permanent Budgeted Faculty FTE** includes Professors, Associate Professors, Non-Tenure, Lecturers with Security of Employment, and Open Provisions. The data comes from the Budget Office's Departmental Breakdown Reports and is also published in the Cal Profiles. For the College of Natural Resources and its departments, Agronomists have also been added into this value.

**Total Budgeted Faculty FTE** includes Permanent Budgeted Faculty FTE plus Non Recurrents. The data comes from the Budget Office's Departmental Breakdown Reports and is also published in the Cal Profiles. For the College of Natural Resources and its departments, Agronomists have also been added into this value.

## STAFF AND SPACE

**Total Budgeted Non-Academic Staff FTE** represents the permanently budgeted staff FTE (or Sub 1 FTE) from the July 1st Adjusted Budget. It is also reported in the Cal Profiles.

*The staff FTE reported for the following units in the Division of Arts & Humanities differ from the Adjusted Budget because the positions are budgeted in five multi-departmental service units rather than in the individual instructional units.*

1. CASMA, for Classics, South & Southeast Asian Studies, and (reported as "Other Arts & Humanities") Ancient History & Mediterranean Archaeology, Medieval Studies;
2. CLFA, for Comparative Literature, French;
3. RFA, for Film Studies, Rhetoric;
4. GSPA, for German, Spanish & Portuguese;
5. ISSA, for Italian Studies, Scandinavian, Slavic Languages & Literatures

*The FTE displayed for these Arts and Humanities departments result from a mathematical distribution provided by the Letters & Science Deans' Office, based on various key workload factors. This distribution approximates a unit's share of FTE but is provided only for the purpose of this analysis to make possible the extensive comparisons required by this project.*

**Total Assigned Space** represents the total assigned square feet associated with a unit based on data coming from the FDX system. It also is reported in the Cal Profiles.

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## STUDENT FTE AND MAJORS

**Total Student FTE, Lower Division Student FTE, Upper Division Student FTE, and Graduate FTE** represents the number of full-time students that departmental faculty teach, whether they are inside or outside the unit. The measure is calculated by taking the student credit hours for courses the faculty teach and separating them out by the type of students by level (e.g., UG, G). These student credit hours are then divided by a measure determined to be a full time workload for each student level (e.g., 15 units for undergraduates, 12 units for graduates) to determine the student FTE. Students advanced to candidacy are counted as 1 FTE for their first 6 semesters of registration and 0 FTE for more than 6 semesters. The measure is computed by the Computing Office - Information Systems and is also reported in the Cal Profiles. *Again, this FTE is based primarily on courses taught by faculty in the department not the majors in the department.*

**% FTE @ Lower Division** represents the percentage of the Total Student FTE that is generated at the Lower Division level. A high percentage here suggests a higher service load for the academic unit.

**% UG SCH by Major** represents the percentage of the undergraduate student credit hours taught by the department that are generated by the students with majors in the department. A low percentage here suggests a higher service load for the academic unit.

**Undergraduate and Graduate Majors** represents the headcount of declared majors, not prorated, and can be found in the Cal Profiles.

## APPLICATIONS, ADMISSIONS, AND ENROLLMENT

**Freshmen Applicants** data comes from the Application file. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major. Freshmen are admitted directly into their major in the Colleges of Engineering, Environmental Design, and Natural Resources. All L&S students, even those with intended majors, are admitted directly into the Undeclared major.

**% Freshmen Admitted** data comes from the Application file and represents the number of applicants that are accepted divided by the number of total applicants. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major.

**Freshmen Enrolled** data comes from the Application file and represents the number of applicants that are accepted and then enroll at Berkeley. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major. All L&S students, even those with intended majors, are admitted directly into the Undeclared major.

**Transfer Applicants** data comes from the Application file. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major. Transfers are admitted directly into their major in the Colleges of Engineering, Environmental Design, and Natural Resources.

**% Transfer Admitted** data comes from the Application file and represents the number of applicants that are accepted divided by the number of total applicants. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major.

**Transfer Enrolled** data comes from the Application file and represents the number of applicants that are accepted and then enroll at Berkeley. Assignments to College, Schools, Divisions, and Departments are based on the students' intended major.

**Masters Applicants** data comes from the Graduate Division and can be found in the Cal Profiles.

**Masters % Admitted** data comes from the Graduate Division and represents the number of applicants that are accepted divided by the number of total applicants. This element can be found in the Cal Profiles.

**Masters Enrolled** data comes from the Graduate Division and represents the number of applicants that are accepted and then enroll at Berkeley. This element can be found in the Cal Profiles.

**Doctoral Applicants** data comes from the Graduate Division and can be found in the Cal Profiles.

**Doctoral % Admitted** data comes from the Graduate Division and represents the number of applicants that are accepted divided by the number of total applicants. This element can be found in the Cal Profiles.

**Doctoral Enrolled** data comes from the Graduate Division and represents the number of applicants that are accepted and then enroll at Berkeley. This element can be found in the Cal Profiles.

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## COURSE ENROLLMENT DATA (CLASS SIZE, WAIT LISTS, EXCESS DEMAND)

**LD - Avg Class Size** represent information only on regular primary (not discussion or independent studies) lower division courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles.

**# LD Classes** represents information only on regular primary (not discussion or independent studies) lower division courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles. May include DECAL courses

**UD - Avg Class Size** represent information only on regular primary (not discussion or independent studies) upper division courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles.

**# UD Classes** represents information only on regular primary (not discussion or independent studies) upper division courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles. May include DECAL courses.

**G - Avg Class Size** represent information only on regular primary (not discussion or independent studies) graduate courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles.

**# G Classes** represents information only on regular primary (not discussion or independent studies) graduate courses. It comes from the Course Enrollment file and is also reported in the Cal Profiles.

**Course Enrollments Below Minimum (all courses/all faculty)** comes from the Class Schedule Instructor Report file. At the lower division level, 12 students is the cutoff for below the minimum; at the upper division level, 8 is the cutoff level; and at the graduate level, 4 is the cutoff level. The section provides the number and percent of all regular primary courses taught by all faculty (including cross-listed, PE, college writing, group study, freshmen/sophomore studies, and other regular primary courses) that are below the minimum.

**Course Enrollments Below Minimum Taught by Permanent Faculty FTE Only** comes from the Class Schedule Instructor Report file. At the lower division level, 12 is the cutoff for below the minimum; at the upper division level, 8 is the cutoff level; and at the graduate level, 4 is the cutoff level. It includes regular primary courses taught by permanent faculty FTE only (and excludes cross-listed, DECAL, PE, college writing, group study, freshmen seminars). The number and percent of courses below the minimum are provided.

**Course Wait List** comes from the Registrar's Office. It represents the number of students who are on the wait list for Lower Division courses in the departments. The department determines whether a wait list will be established for a course and the criteria for a student to be put on a wait list. A student on a wait lists indicates that a student has met the criteria established by the department but there is no space available in the class. Note: Some departments (e.g., Cognitive Science, Mass Communication) manually enroll students into courses which may not be reflected in the wait list statistics.

**Course Excess Demand data** comes from the Registrar's Office. It represents the difference between the number of students requesting Lower Division courses (those enrolled, on wait lists, or rejected from the course) and the enrollment capacity of the courses established by the department. A student rejected from a course may be due to space limitations or the student does not meet the criteria for enrollment established by the department. Note: Some departments (e.g., Cognitive Science, Mass Communication) manually enroll students into courses which may not be reflected in the excess demand statistics.

## STUDENT QUALITY

**Average SAT Scores** represent the combined total for the math and verbal scores of declared majors in the academic unit as reported on the applicant file at the time of admission.

**Average GRE Scores** represent the average Verbal, Quantitative, and Analytical scores for all new graduates for the past five years and are collected through the Graduate Division.

**Cumulative Undergrad UC Berkeley GPA** represent the average UC Berkeley GPA for undergraduate students.

**Cumulative Grad UC Berkeley GPA** represent the average UC Berkeley GPA for graduate students.