IES Institute of Education Sciences

IPEDS DATA FEEDBACK REPORT 2022

What Is IPEDS?

The Integrated Postsecondary Education Data System (IPEDS) is a system of survey components that collects data from all institutions that provide postsecondary education and are eligible to receive Title IV funding across the United States and other U.S. jurisdictions.

These data are used at the federal and state level for policy analysis and development; at the institutional level for benchmarking and peer analysis; and by students and parents, through the College Navigator (https://nces.ed.gov/collegenavigator/), an online tool to aid in the college search process. Additional information about IPEDS can be found on the website at https://nces.ed.gov/ipeds.

What Is the Purpose of This Report?

The Data Feedback Report is intended to provide institutions a context for examining the data they submitted to IPEDS. The purpose of this report is to provide institutional executives a useful resource and to help improve the quality and comparability of IPEDS data.

What Is in This Report?

The figures in this report provide a selection of indicators for your institution to compare with a group of similar institutions. The figures draw from the data collected during the 2021-22 IPEDS collection cycle and are the most recent data available. The inside cover of this report lists the pre-selected comparison group of institutions and the criteria used for their selection. The Methodological Notes at the end of the report describe additional information about these indicators and the pre-selected comparison group.

Where Can I Do More with IPEDS Data?

Each institution can access previously released Data Feedback Reports from 2005 and customize this 2022 report by using a different comparison group and IPEDS variables of its choosing. To learn how to customize the 2022 report, visit this resource page https://nces.ed.gov/Ipeds/Help/View/2. To download archived reports or customize the current Data Feedback Report, visit the 'Use the Data' portal on the IPEDS website https://nces.ed.gov/ipeds and click on Data Feedback Report.

University of Massachusetts Medical School Worcester
Worcester, MA

COMPARISON GROUP

Comparison group data are included to provide a context for interpreting your institution's indicators. If your institution did not define a custom comparison group for this report by July 15, 2022 NCES selected a comparison group for you. (In this case, the characteristics used to define the comparison group appears below.) The customized Data Feedback Report function available at https://nces.ed.gov/ipeds/use-the-data/ can be used to reproduce the figures in this report using different peer groups.

The custom comparison group chosen by University of Massachusetts Medical School Worcester includes the following 20 institutions:

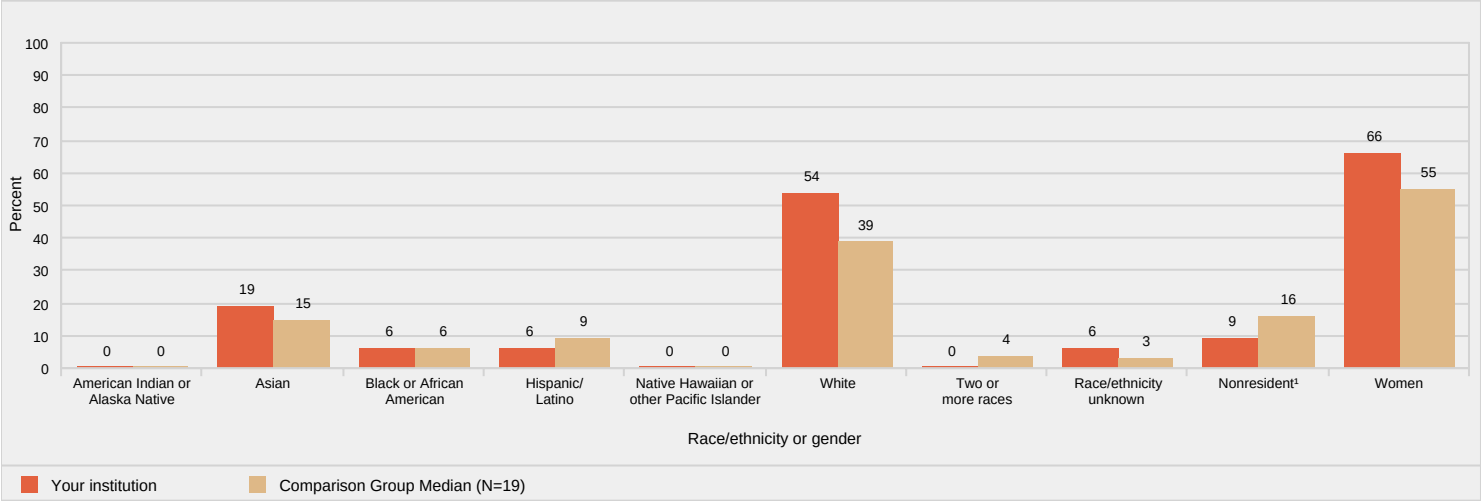
- Boston University (Boston, MA)
- Brown University (Providence, RI)
- Dartmouth College (Hanover, NH)
- Harvard University (Cambridge, MA)
- Johns Hopkins University (Baltimore, MD)
- Stony Brook University (Stony Brook, NY)
- Tufts University (Medford, MA)
- University of Alabama at Birmingham (Birmingham, AL)
- University of California-San Francisco (San Francisco, CA)
- University of Iowa (Iowa City, IA)
- University of Maryland, Baltimore (Baltimore, MD)
- University of Michigan-Ann Arbor (Ann Arbor, MI)
- University of North Carolina System (Chapel Hill, NC)
- University of Pennsylvania (Philadelphia, PA)
- University of Pittsburgh-Pittsburgh Campus (Pittsburgh, PA)
- University of Texas Southwestern Medical Center (Dallas, TX)
- University of Vermont (Burlington, VT)
- University of Washington-Seattle Campus (Seattle, WA)
- Washington University in St Louis (Saint Louis, MO)
- Yale University (New Haven, CT)

The figures in this report have been organized and ordered into the following topic areas:

Topic Area	Figures	Pages
1) Admissions (only for non-open-admissions schools)	[Not applicable]	
2) Student Enrollment	1, 2, 3 and 4	3 and 4
3) Awards	5	4
4) Charges and Net Price	[Not applicable]	
5) Student Financial Aid	[Not applicable]	
6) Military Benefits*	[Not applicable]	
7) Retention and Graduation Rates	[Not applicable]	
8) Finance	6 and 7	4
9) Staff	8 and 9	5
10) Libraries*	10 and 11	5 and 6

*These figures only appear in customized Data Feedback Reports (DFRs), which are available through Use the Data portal on the IPEDS website.

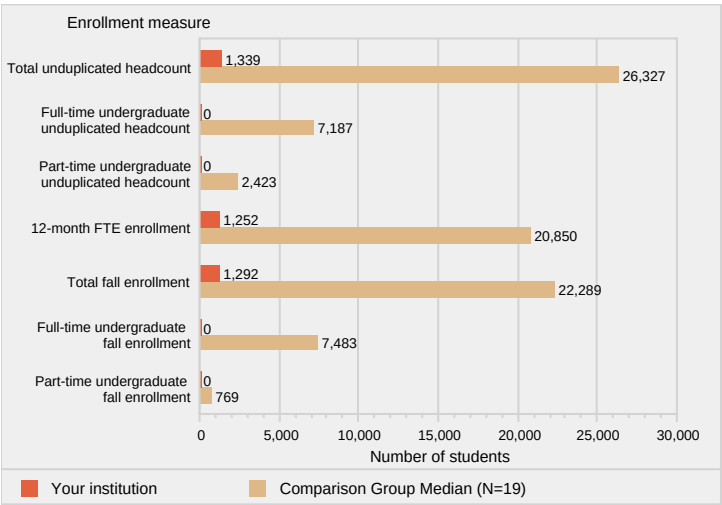
Figure 1. Percent of all students enrolled, by race/ethnicity, and percent of students who are women: Fall 2021



NOTE: For more information about disaggregation of data by race and ethnicity, see the Methodological Notes. Median values for the comparison group will not add to 100%. See 'Use of Median Values for Comparison Group' for how median values are determined. N is the number of institutions in the comparison group.
[1]The use of Nonresident is for reporting purposes only and does not reflect a change in the collection of data for this category

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Fall Enrollment survey component.

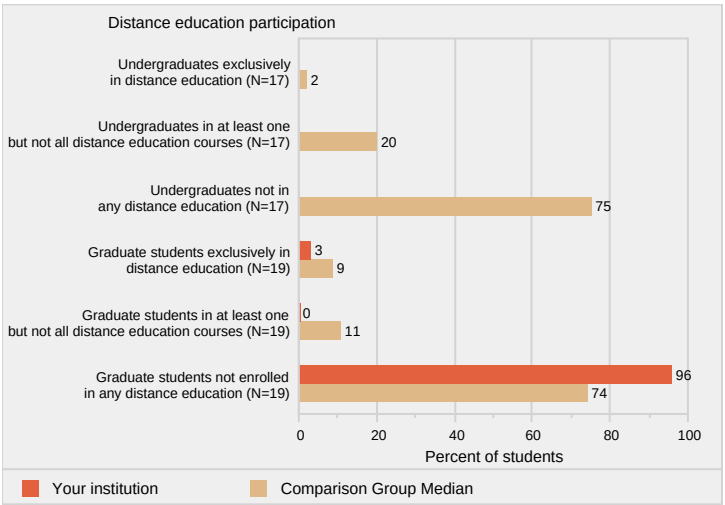
Figure 2. Total unduplicated headcount, full- and part-time undergraduate headcount, 12-month FTE enrollment (2020-21), and total fall enrollment, full-time and part-time undergraduate fall enrollment (Fall 2021)



NOTE: For details on calculating full-time equivalent (FTE) enrollment, see Calculating FTE in the Methodological Notes. Total headcount, FTE, and full- and part-time fall enrollment include both undergraduate and postbaccalaureate students, when applicable. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Fall 2021, 12-month Enrollment survey component and Spring 2022, Fall Enrollment survey component.

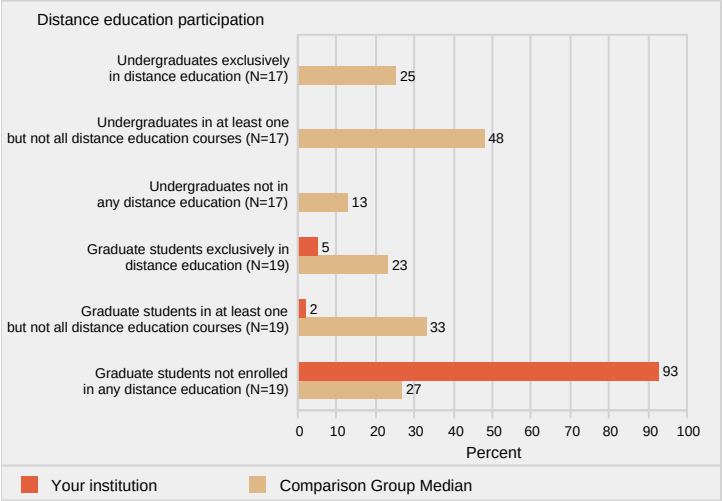
Figure 3. Percent of students enrolled in distance education courses, by amount of distance education and student level: Fall 2021



NOTE: N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Fall Enrollment survey component.

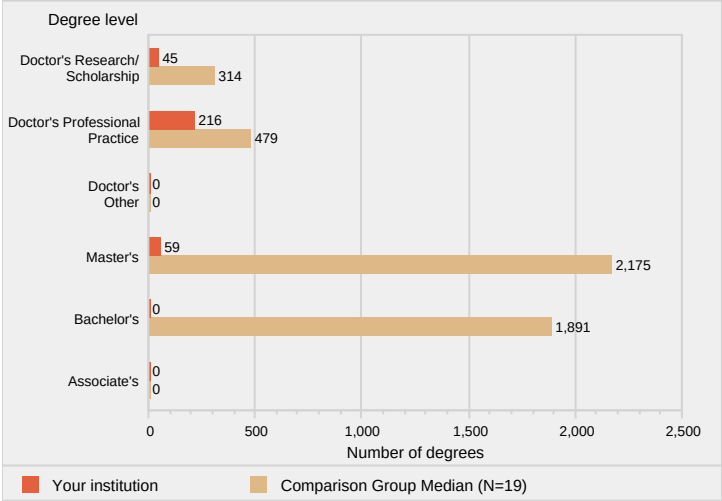
Figure 4. Percent of students enrolled in distance education courses, by amount of distance education and student level: 2020-21



NOTE: N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Fall 2021, 12-month Enrollment survey component.

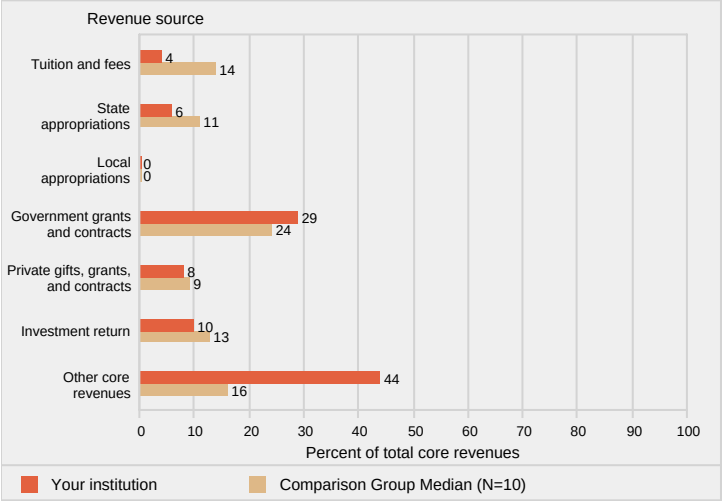
Figure 5. Number of degrees awarded, by level: 2020-21



NOTE: For additional information about postbaccalaureate degree levels, see the Methodology Notes. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Fall 2021, Completions survey component.

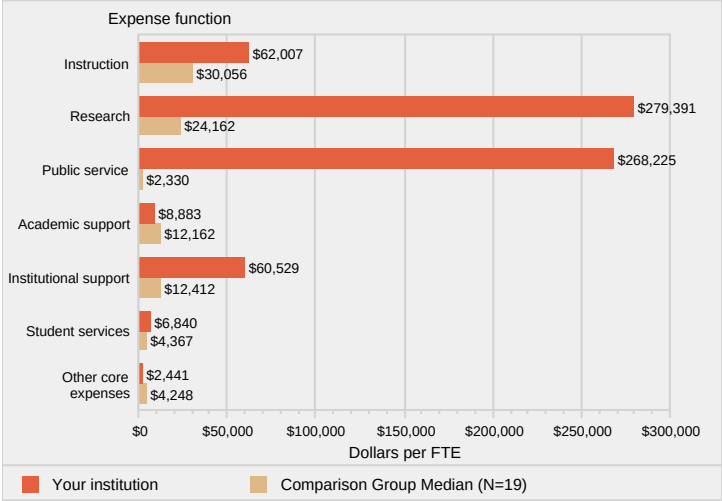
Figure 6. Percent distribution of core revenues, by source: Fiscal year 2021



NOTE: The comparison group median is based on those members of the comparison group that report finance data using the same accounting standards as the comparison institution. For more information, see the Methodological Notes. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Finance survey component.

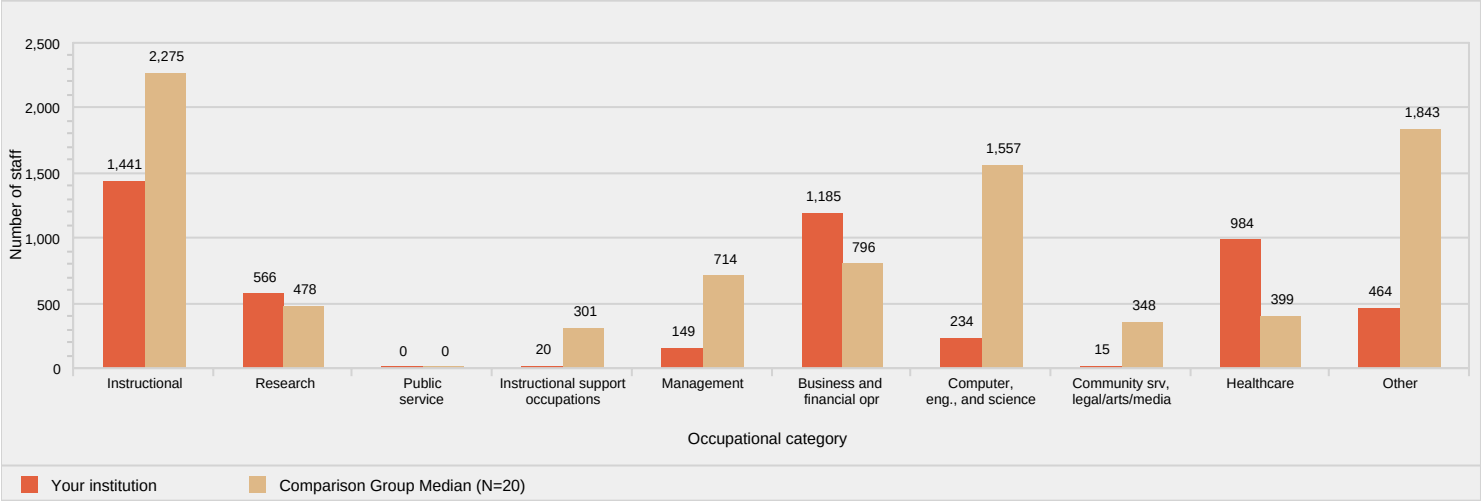
Figure 7. Core expenses per FTE enrollment, by function: Fiscal year 2021



NOTE: Expenses per full-time equivalent (FTE) enrollment, particularly instruction, may be inflated because finance data includes all core expenses while FTE reflects credit activity only. For details on calculating FTE enrollment and a detailed definition of core expenses, see the Methodological Notes. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Fall 2021, 12-month Enrollment survey component and Spring 2022, Finance survey component.

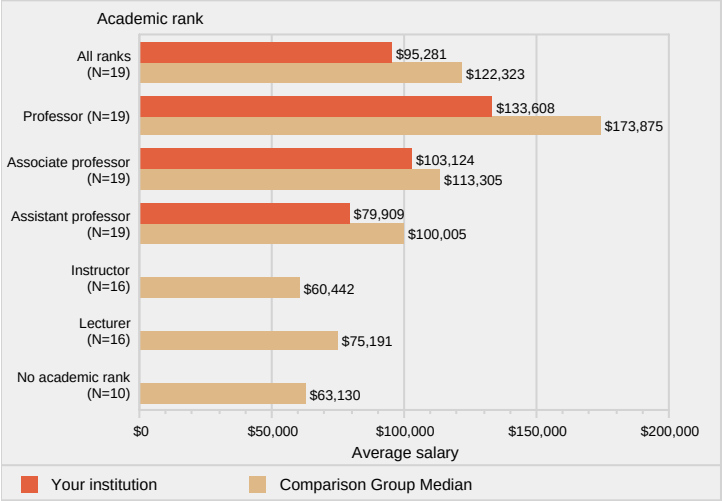
Figure 8. Full-time equivalent staff, by occupational category: Fall 2021



NOTE: Graduate assistants are not included. For calculation details, see the Methodological Notes. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Human Resources survey component.

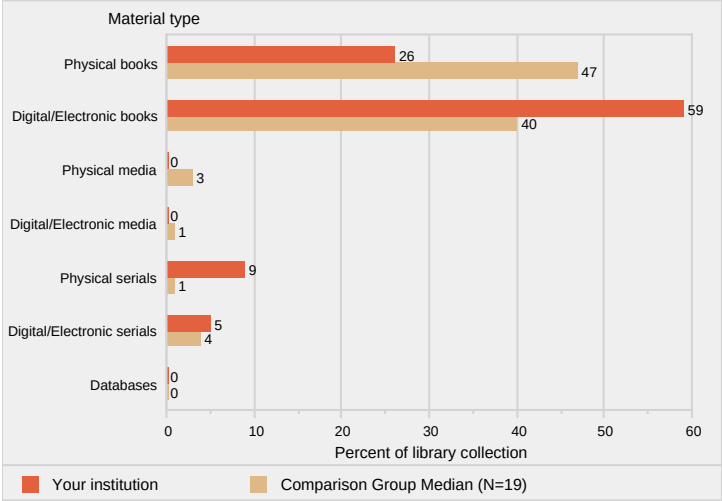
Figure 9. Average salaries of full-time non-medical instructional staff equated to 9-months worked, by academic rank: Academic year 2021-22



NOTE: See Methodology Notes for more details on average salary. N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Human Resources survey component.

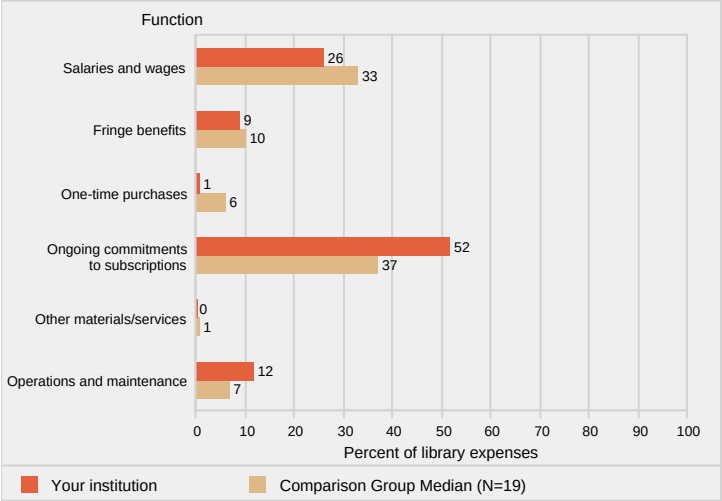
Figure 10. Percent distribution of library collection, by material type: Fiscal year 2021



NOTE: N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Academic Libraries survey component.

Figure 11. Percent distribution of library expenses, by function: Fiscal year 2021



NOTE: N is the number of institutions in the comparison group.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS): Spring 2022, Academic Libraries survey component.

METHODOLOGICAL NOTES

Overview

This report is based on data supplied by institutions to IPEDS during 2021-22 data collection year. Response rates exceeded 99% for most survey components. IPEDS data release memos at https://nces.ed.gov/ipeds/use-the-data/survey-components provide an overview of the number of institutions responding to the survey components. Furthermore, data used in this report are provisional level and may be revised for a limited time through the IPEDS Prior Year Revision system.

Use of Median Values for Comparison Group

This report compares your institution's data to the median value for the comparison group for each indicator shown in the figure. If more than one indicator is present in a figure, the median values are determined separately for each indicator. Medians are not displayed for comparison groups with fewer than three values. Where percentage distributions are presented, median values may not add to 100%. To access all the data used to create the figures included in this report, go to 'Use the Data' portal on the IPEDS website at this provided link (https://nces.ed.gov/ipeds).

Missing Indicators

If an indicator is not reported for your institution, the omission implies that the indicator is not relevant to your institution and the data were not collected. Not all notes may be applicable to your report.

Use of Imputed Data

All IPEDS data are subject to imputation for total (institutional) and partial (item) nonresponse. If necessary, imputed values were used to prepare your report.

Data Confidentiality

IPEDS data are not collected under a pledge of confidentiality.

Disaggregation of Data by Race/Ethnicity

When applicable, some indicators are disaggregated by race/ethnicity. Data disaggregated by race/ethnicity have been reported using the 1997 Office of Management and Budget categories. Detailed information about the race/ethnicity categories can be found at https://nces.ed.gov/ipeds/Section/Resources.

Cohort Determination for Reporting Student Financial Aid, Graduation Rates, and Outcome Measures

Student cohorts for reporting Student Financial Aid and Graduation Rates data are based on the reporting type of the institution. For institutions that report based on an academic year (those operating on standard academic terms), student counts and cohorts are based on fall term data. Student counts and cohorts for program reporters (those that do not operate on standard academic terms) are based on unduplicated counts of students enrolled during a full 12-month period.

Student cohorts for reporting Outcome Measures are based on a full-year cohort from July 1-June 30 for all degree-granting institutions.

DESCRIPTION OF INDICATORS USED IN THE FIGURES

Admissions (only for non-open-admissions schools)

Admissions and Test Score Data

Admissions and test score data are presented only for institutions that do not have an open admission policy, and apply to first-time, degree/certificate-seeking undergraduate students only. Applicants include only those students who fulfilled all requirements for consideration for admission and who were notified of one of the following actions: admission, non-admission, placement on a wait list, or application withdrawn (by applicant or institution). Admitted applicants (admissions) include wait-listed students who were subsequently offered admission. Early decision, early action, and students who began studies during the summer prior to the fall reporting period are included. For customized Data Feedback Reports, test scores are presented only if scores are required for admission.

Student Enrollment

Enrollment Counts

12-month Enrollment captures a cumulative unduplicated headcount of enrollment over the full 12-month period beginning July 1 and ending June 30. In contrast, Fall Enrollment captures number of students enrolled on a particular date in the fall. Fall enrollment is often referred to as a "snapshot" of an institution's enrollment at a specific time.

FTE Enrollment

The full-time equivalent (FTE) enrollment used in this report is the sum of the institution's FTE undergraduate enrollment and FTE graduate enrollment (as calculated from or reported on the 12-month Enrollment survey component). Undergraduate and graduate FTE are estimated using 12-month instructional activity (credit and/or clock hours). See "Calculation of FTE Students (using instructional activity)" in the IPEDS Glossary at https://surveys.nces.ed.gov/ipeds/VisGlossaryAll.aspx.

Completions

Completions and Completers

Completions collects data on undergraduate and graduate completions and completers in a 12-month period. Completions are the counts of postsecondary awards granted where each award reported once but multiple awards may be reported for one recipient. Completers are the counts of students granted postsecondary awards. The count of completers is collected in two ways. The first way counts all completers, while the second way counts completers by award level (e.g., number of associate's completers, number of bachelor's completers).

Student Financial Aid

Financial Aid Recipients and Amounts

Student Financial Aid collects the counts of undergraduate students awarded different types of financial aid and the total amounts of aid awarded. The average dollar amount of aid awarded is then calculated. In addition, Student Financial Aid collects counts of full-time, first-time undergraduate students awarded aid and amounts of aid, and counts and disbursed amounts for undergraduate and graduate students receiving military education benefits.

Charges and Average Net Price

Tuition and Required Fees

Tuition is defined as the amount of money charged to students for instructional services, and required fees are those fixed sum charges to students for items not covered by tuition and that are required of such a large proportion of all students that the student who does not pay the charge is an exception. The amounts used in this report are for full-time, first-time degree/certificate-seeking undergraduate students and are those used by the financial aid office to determine the financial need. For institutions that have differential tuition rates for in-district or in-state students, the lowest tuition rate is used in the figure. Only institutions that operate on standard academic terms will have tuition figures included in their report.

Average Institutional Net Price

IPEDS collects data to calculate average net price at each institution for two groups of undergraduate students: those awarded grant and scholarship aid and those awarded Title IV federal aid.

Average net price is calculated for full-time, first-time degree/certificate-seeking undergraduate students who were awarded grant or scholarship aid from the federal government, state/local government, or the institution anytime during the academic year. For public institutions, this includes only students who paid the in-state or in-district tuition rate. Other sources of grant aid are excluded. Average net price is generated by subtracting the average amount of federal, state/local government, and institutional grant and scholarship aid from the total cost of attendance. Total cost of attendance is the sum of published tuition and required fees (lower of in-district or in-state for public institutions), books and supplies, and the weighted average of room and board, and other expenses.

For the purpose of the IPEDS reporting, aid awarded refers to financial aid that was awarded to, and accepted by, a student. This amount may differ from the aid amount that is disbursed to a student.

Retention, Graduation Rates, and Outcome Measures

Retention Rates

Retention rates are measures of the rate at which students persist in their educational program at an institution, expressed as a percentage. For four-year institutions, this is the percentage of first-time bachelors (or equivalent) degree-seeking undergraduate students from the previous fall who are still enrolled in the current fall. For all other institutions this is the percentage of first-time degree/certificate-seeking undergratude students from the previous fall who either re-enrolled or successfully completed their program by the current fall. The full-time retention rate is calculated using the percentage of full-time, first-time degree/certificate-seeking undergraduate students, while the part-time rate is calculated using the percentage of part-time, first-time degree/certificate-seeking undergraduate students.

Graduation Rates and Transfer-out Rate

Graduation rates are those developed to satisfy the requirements of the Student Right-to-Know Act and Higher Education Act, as amended, and are defined as the total number of individuals from a given cohort of full-time, first-time degree/certificate-seeking undergraduate students who completed a degree or certificate within a given percent of normal time to complete all requirements of the degree or certificate program; divided by the total number of students in the cohort of full-time, first-time degree/certificate-seeking undergraduate students minus any allowable exclusions. Institutions are permitted to exclude from the cohort students who died or were totally and permanently disabled; those who left school to serve in the armed forces or were called up to active duty; those who left to serve with a foreign aid service of the federal government, such as the Peace Corps; and those who left to serve on an official church mission.

A further extension of the traditional Graduation Rates (GR) survey component which carries forward 100% and 150% graduation rates data previously reported in the GR survey component is the Graduation Rates 200% (GR200) survey component, which requests information on any additional completers and exclusions from the cohort between 151% and 200% normal time for students to complete all requirements of their program of study.

Transfer-out rate is the total number of students from the cohort who are known to have transferred out of the reporting institution (without earning a degree/award) and subsequently re-enrolled at another institution within the same time period; divided by the same adjusted cohort (initial cohort minus allowable exclusions) as described above. Only institutions with a mission that includes providing substantial preparation for students to enroll in another eligible institution are required to report transfers out.

Outcome Measures Data

Alternative measures of student success are reported by degree-granting institutions to describe the outcomes of four degree/certificate-seeking undergraduate student groups: first-time, full-time entering (FTFT); first-time, part-time entering (FTPT); non-first-time, full-time entering (NFTFT); and non-first-time, part-time entering (NFTPT). Additionally, each of the four cohorts collects data on two subcohorts: Pell grant recipients and non-Pell grant recipients. These measures provide the 4-year, 6-year, and 8-year award rates (or completions rates) after entering an institution. NCES calculates award rates by dividing a cohort's or subcohort's adjusted cohort into the number of total awards at 4-year, 6-year, and 8-year status points.

The initial cohort can be revised and take allowable exclusions resulting in an adjusted cohort. Institutions are permitted to exclude from the initial cohort students who died or were totally and permanently disabled; those who left school to serve in the armed forces or were called up to active duty; those who left to serve with a foreign aid service of the federal government, such as the Peace Corps; and those who left to serve on an official church mission.

The highest award and the type of award (i.e., certificate, Associate's, or Bachelor's) are reported at each status point. For students who did not earn an undergraduate award after 8-years of entry, the enrollment statuses are reported as either still enrolled at the institution, or subsequently transferred out of the institution. Unlike the Graduation Rates data, all institutions must report on a full-year cohort (students entering July 1 of one year to June 30 of the next year) and on their transfer out students, regardless if the institution has a mission that provides substantial transfer preparation.

Finance

Core Revenues

Core revenues for public institutions reporting under GASB reporting standards include tuition and fees; government (federal, state, and local) appropriations and operating and nonoperating grants/contracts; private gifts, grants, and contracts (private operating grants/contracts plus gifts and contributions from affiliated entities); sales and services of educational activities; investment income; other operating and nonoperating sources; and other revenues and additions (capital appropriations and grants and additions to permanent endowments). "Other core revenues" include federal appropriations, sales and services of educational activities, other operating and nonoperating sources, and other revenues and additions.

Core revenues for private, not-for-profit institutions (and a small number of public institutions) reporting under FASB reporting standards include tuition and fees; government (federal, state, and local) appropriations and grants/contracts; private gifts, grants and contracts (including contributions from affiliated entities); investment return; sales and services of educational activities; and other sources (a generated category of total revenues minus the sum of core and noncore categories on the Finance survey component). “Other core revenues” include government (federal, state, and local) appropriations, sales and services of educational activities, and other sources.

Core revenues for private, for-profit institutions reporting under FASB reporting standards include tuition and fees; government (federal, state, and local) appropriations and grants/contracts; private grants/ contracts; investment income; sales and services of educational activities; and other sources (a generated category of total revenues minus the sum of core and noncore categories on the Finance survey component). “Other core revenues” include government (federal, state, and local) appropriations and other sources.

At degree-granting institutions, core revenues exclude revenues from auxiliary enterprises (e.g., bookstores and dormitories), hospitals, and independent operations. Non-degree-granting institutions do no report revenue from auxiliary enterprises in a separate category, and thus may include these amounts in the core revenues from other sources.

Core Expenses

Core expenses include expenses for instruction, research, public service, academic support, student services, institutional support, scholarships and fellowships (GASB) or net grant aid to students (FASB) and other expenses. Core expenses exclude expenses for auxiliary enterprises, hospitals, and independent operations. “Other core expenses” is the sum of grant aid/scholarships and fellowships and other expenses.

Endowment Assets

Endowment assets, for public institutions under GASB reporting standards, and private, not-for-profit institutions under FASB reporting standards, include gross investments of endowment funds, term endowment funds, and funds functioning as endowment for the institution and any of its foundations and other affiliated organizations. Private, for-profit institutions under FASB do not hold or report endowment assets.

Salaries and Wages

Salaries and wages for public institutions under GASB reporting standards and private (not-for-profit and for-profit) institutions under FASB reporting standards, include amounts paid as compensation for services to all employees regardless of the duration of service, including all regular or periodic payments to a person for the regular or periodic performance of work or a service and payment to a person for more sporadic performance of work or a services (e.g., overtime, extra compensation, summer compensation, bonuses, sick or annual leave, etc.)

Staff

FTE Staff

The full-time-equivalent (FTE) by occupational category is calculated by summing the total number of full-time staff and adding one-third of the total number of part-time staff. Occupational categories include instructional staff, research staff, public service staff, instructional support staff, management staff, and other occupations. Instructional staff are primarily engaged in teaching and do a combination of teaching, research, and/or public service. Research staff are staff whose primary function is research while public service staff are staff whose primary function is public service. Instructional support occupations include archivists, curators, and museum technicians; librarians and media collections specialists; librarian technicians; student and academic affairs and other education services occupations. Other staff include staff in service occupations; sales and related occupations; office and administrative support occupations; natural resources, construction, and maintenance occupations; production, transportation and material moving occupations; and military specific occupations. Graduate assistants are not included.

Equated Non-Medical Instructional Staff Salaries

Institutions report the number of full-time non-medical instructional staff and their salary outlays by academic rank, gender, and the number of months worked (9-, 10-, 11-, and 12-months). Salary outlays for staff who worked 10-, 11-, and 12-months were equated to 9-months of work by multiplying the outlays reported for 10-months by 0.90, the outlays reported for 11 months by 0.818, and the outlays reported for 12-months by 0.75. The equated 10-, 11-, and 12-outlays were then added to the outlays for instructional staff that worked 9-months to generate a total 9-month equated salary outlay. The total 9-month equated outlay was then divided by total number of non-medical instructional staff to determine an equated 9-month average salary. This calculation was done for each academic rank. Salary outlays were not reported for staff that work less than 9-months and were excluded.

Student-to-Faculty Ratio

Institutions can provide their institution's student-to-faculty ratio (i.e., student-to-instructional staff) for undergraduate programs or follow the NCES guidance in calculating their student-to-faculty ratio, which is as follows: the number of FTE students (using Fall Enrollment survey component data) divided by total FTE instructional staff (using the total primarily instruction + instruction/research/public service staff reported in Human Resources survey component and adding any not primarily instructional staff that are teaching a credit course). For this calculation, FTE for students is equal to the number of the full-time students plus one-third the number of part-time students; FTE for instructional staff is similarly calculated. Students in "stand-alone" graduate or professional programs (such as, medicine, law, veterinary, dentistry, social work, or public health) and instructional staff teaching in these programs are excluded from the FTE calculations.

Additional Resources

Additional information on the IPEDS survey components, including survey methodology, survey forms, and frequently asked questions, can be found at https://nces.ed.gov/ipeds/use-the-data/survey-components.

Additional information on the timing of IPEDS data collection, data coverage, and data release cycle, can be found at https://nces.ed.gov/ipeds/use-the-data/timing-of-ipeds-data-collection.

Additional definitions of variables used in this report can be found in the IPEDS glossary available at https://surveys.nces.ed.gov/ipeds/VisGlossaryAll.aspx.

Additional resources on the IPEDS Data Feedback Report, including the instructions on creating a custom comparison report, FAQs, and video tutorials, can be found at https://nces.ed.gov/Ipeds/Help/View/2.