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I. Introduction

The Fall Enrollment (EF) survey is conducted annually as part of the National Center for Education Statistics' Integrated Postsecondary Education Data System (IPEDS).¹ The "EF" survey collects data on the number of students enrolled in postsecondary institutions in the United States and its outlying areas.² Most institutions on this file are eligible to participate in Title IV programs (financial aid). The final 1996 enrollment file includes data for 6,840 institutions in the 50 states, the District of Columbia, and the outlying areas.

Enrollment data were requested from 7,024 postsecondary institutions offering academic, vocational, and continuing professional education programs in 1996. The level of detail requested on each survey form depended on the highest level of offering of the institution and its higher education status in the previous academic year.³ For example:

Form Type	Level of Institution	Data Requested:
EF1	4-year higher education institutions and all other schools offering a baccalaureate or higher degree	Attendance Status (full- or part-time) Student Level (undergraduate, first-professional, graduate) Race/ethnicity and sex of student Degree-seeking status Major field of study (even numbered years only) Year of study Age of student (odd numbered years only) Residence of first-time students (even numbered years only)
EF2	Less-than-4-year higher education institutions	Attendance Status (full- or part-time) Race/ethnicity and sex of student Degree-seeking status Year of study Age of student (odd numbered years only) Residence of first-time students (even numbered years only)
CN	All other schools	Attendance Status (full- or part-time) Race/ethnicity and sex of student Year of study

¹Other IPEDS surveys include Institutional Characteristics, Completions, Fall Enrollment in Occupationally Specific Programs, Finance, Salaries, Fall Staff, Academic Libraries, and the Consolidated survey.

²Postsecondary education is defined as the provision of a formal instructional program whose curriculum is designed primarily for students who are beyond the compulsory age for high school. This includes programs whose purpose is academic, vocational, and continuing professional education, and excludes avocation and adult basic education programs.

³Higher education institutions are those that were accredited at the collegiate level by an agency recognized by the Secretary, U.S. Department of Education as of academic year 1995-96.

The enrollment records for each institution correspond to the line number for all parts of the survey form.

NCES conducts the Enrollment survey and all other IPEDS surveys in order to fulfill its legislative mission "to collect, and analyze, and disseminate statistics and other data related to education in the United es..." (20 U.S.C. 1221e-1, General Education Provisions Act, Sec. 406(b), as amended).

Major Field of Study and Corresponding CIP Codes

Enrollments are reported by major field of study for selected CIP code categories in even numbered years. The specified fields and their codes are taken directly from *A Classification of Instructional Programs* and are collected from 4-year institutions only. In past enrollment surveys, these data were collected specifically for the Office for Civil Rights (OCR), and not included on any NCES data releases. This year's database does include enrollments by major field of study. All students enrolled are reported annually on the Summary page coded 99.0000. The 9 selected fields for reporting enrollment data to OCR are:

13.0000	Education
14.0000	Engineering
22.0101	Law
26.0000	Biological Sciences/Life Sciences
27.0000	Mathematics
40.0000	Physical Sciences
51.0401	Dentistry
51.1201	Medicine
52.0000	Business Management and Administrative Services
99.0000	Summary page (Total Enrollment)

The collection and reporting of racial/ethnic data on this survey are mandatory for all institutions that receive, are applicants for, or expect to be applicants for Federal financial assistance as defined in the Department of Education (ED) regulations implementing Title VI of the Civil Rights Act of 1964 (34 CFR 100.13), or defined in and Ed regulations implementing Title IX of the Education Amendments of 1972. The collection of racial/ethnic data in vocational programs is mandated by Section 421(a)(1) of the Carl D. Perkins Vocational Education Act.

II. Survey Methodology

Overview

1996 fall enrollment data collected by the National Center for Education Statistics that are included on the public use data file represent 6,840 postsecondary institutions, of which, 6,535 are eligible to participate in Title IV programs (financial aid) in the United States and its outlying areas. There were 305 institutions that had self-reported eligibility and were found to be ineligible based on the Office of Postsecondary Education's PEPS file of March 1997. The 1996 Fall Enrollment survey was sent to the universe of institutions that were accredited at the collegiate level as of the 1995-96 academic year and to all other eligible institutions offering a bachelor's, master's, doctor's or first-professional degree. Enrollment data were collected from the institutions not receiving the Fall Enrollment survey via the Consolidated survey⁴. The Consolidated survey was sent to all remaining 4-year, 2-but-less-than-4-year, and less-than 2-year institutions eligible for Title IV funding. The enrollment data collected via the Consolidated survey were merged into the Fall Enrollment survey data.

Students **included** in the Fall Enrollment survey:

- . students enrolled in courses creditable toward a degree or other formal award;
- . students enrolled in courses that are part of a vocational or occupational program, including those enrolled in off-campus centers; and
- . high school students taking regular college courses for credit.

Students **excluded** from the Fall Enrollment survey:

- . students enrolled exclusively in courses not creditable toward a formal award and who are not in a postsecondary vocational program;
- . students enrolled exclusively in remedial courses;
- . students exclusively auditing classes;
- . students studying abroad (e.g., at a foreign university) if their enrollment at the institution is only an administrative record and the fee is only nominal;
- . students in any branch campus located in a foreign country; and

⁴The Consolidated survey is designed to collect information from non-collegiate institutions on fall enrollment, finance, fall staff, completions, and occupationally specific enrollment.

students earning continuing education units (CEU's) only.

There are two versions of the Fall Enrollment survey. The most extensive form, "EF1", was sent to 4-year institutions that were accredited at the collegiate level in academic year 1995-96 and to other eligible 4-year institutions offering a bachelor's, master's, doctor's or first-professional degree that were not accredited at the collegiate level in academic year 1995-96. The other version, "EF2", is less detailed and was sent to 2-year postsecondary institutions accredited at the collegiate level in the previous academic year. In addition, enrollment data are collected from all remaining Title IV eligible institutions via the Consolidated form. The enrollment data collected via the Consolidated survey are integrated into the Fall Enrollment database.

Universe, Institutions Surveyed and Response Rates

A major subset of all postsecondary institutions are those institutions that are eligible to participate in Title IV aid. It is this group of institutions that annually receive a fall enrollment survey. In past IPEDS surveys, eligible institutions were self-identified and included those institutions accredited at the college level by an agency or association recognized by the Secretary, U.S. Department of Education. [Any other postsecondary institution that has at least one program of 300 or more clock hours (or 8 credits) and was established for at least 2 years was also included in the subset of eligible institutions. The latter group was based on self-reported responses to items on the Institutional Characteristics survey.

Beginning in 1996, the subset of eligible institutions was validated by matching the IPEDS universe with the Postsecondary Education Participation System (PEPS) file which contains the "true" eligibility status of postsecondary institutions. This file is maintained by the Office of Postsecondary Education (OPE). OPE grants eligibility to institutions to participate in Title IV federal financial programs. Using the PEPS file as the source for determining eligibility, 7,024 institutions were mailed Fall Enrollment Survey forms.

Fall Enrollment survey forms were mailed in July 1996: (1) EF1 forms were mailed to 2,385 institutions; (2) EF2 forms to 1,523 institutions; and (3) CN forms to 3,116 institutions. The survey results were collected from November 1996 through June 1997. During this time period a total of 184 institutions determined to be out-of-scope were deleted from the universe. These deletions resulted from formal notification by IPEDS state coordinators, the Department of Education eligibility notices, and from follow-up telephone calls. Included in the deletions were: (1) duplicates of other institutions on the file; (2) institutions that closed or had merged with another institution, and thus were no longer a legitimate institution or branch; (3) institutions that no longer offered postsecondary programs; or (4) schools that did not conform to the IPEDS definition of an institution or branch. At the conclusion of this process, 6,840 institutions represent the final 1996 fall enrollment universe. The final universe is also adjusted to reflect institutions that changed from one sector to another subsequent to survey mailout.

Table 1 shows the number of institutions that were mailed the 1996 Fall Enrollment survey (or the Consolidated form) by level and control of institution; the final in-scope universe of institutions receiving either survey form; the number of in-scope institutions that responded; and the response rates.

Table 1.—Number of institutions in the 1996 Fall Enrollment survey and survey response rates by survey form, accreditation status, and by sector of institution

Survey form and sector of institution	Mailed	Final universe	Number Responded	Response rate
All postsecondary	7,024	6,840	6,495	95.0
EF1 form	2,385	2,383	2,275	95.5
EF2 form	1,523	1,484	1,423	95.9
Consolidated form	3,116	2,973	2,797	94.1
4-year	2,427	2,435	2,323	95.4
Public	630	631	624	98.9
Nonprofit	1,656	1,654	1,562	94.4
For-profit	141	150	137	91.3
2-year	2,248	2,481	2,391	96.4
Public	1,242	1,244	1,223	98.3
Nonprofit	425	403	381	94.5
For-profit	581	834	787	94.4
Less-than-2-year	2,349	1,924	1,781	92.6
Public	225	201	197	98.0
Nonprofit	99	88	86	97.7
For-profit	2,025	1,635	1,498	91.6

Table notes:

1. By definition, 4-year institutions offer a bachelor's degree or postbaccalaureate award of some kind; 2-year institutions offer at least one program of at least 2 years' duration; and less-than-2-year schools offer only programs of less-than-2-years duration. Other postsecondary institutions are those accredited at the occupational/vocational level (not at the college level as higher education institutions).
2. The sector of an institution at the time of mailout may differ from its sector in the final universe because a school's sector may change due to a shift in the highest level of offering, or due to improper classification by sector the prior year. Because of this sector change some 4-year institutions may return an EF2 form and some 2-year institutions may return an EF1 form.
3. Response rates were calculated as the ratio of the number of completed survey forms divided by the number of schools in the final universe. Any institution was considered a respondent if it supplied total enrollment by sex.

In establishing the PEPS file, the Education Department discontinued its tradition of distinguishing between institutions that are accredited at the college level from other postsecondary institutions. Therefore, it is not possible for NCES to maintain an updated subset of accredited institutions at the college level, also known as higher education institutions.

On the 1996 and subsequent IPEDS files, institutions are identified as (1) degree-granting - those that offer either an associate's, bachelor's, master's, doctor's, or first-professional degree; and (2) non-degree-granting (certificate only) - those institutions that offer only certificates at any level. Institutions offering only postbaccalaureate, postmasters, or first-professionals certificates and institutions offering certificates of less-than-4-years are included in this group.

Table 2 provides the number of institutions and survey response rates by eligibility status and degree-granting status by control and level of institution. The eligibility status of an institution was updated in March of 1997 and 305 institutions that were sent a fall enrollment survey lost eligibility status. On the final file, there are 6,535 eligible institutions. Of these 4,034 are degree-granting. It is this group of institutions that IPEDS will consider as higher education institutions in subsequent data collection activities. The total enrollment of institutions by eligibility and degree-granting status, by their 1995 higher education classification is provided in table 3.

Table 2.—Number and survey response rates of postsecondary institutions, by Title IV eligibility, and by degree-granting status and sector of institution: 50 states, District of Columbia and the outlying areas, academic year, fall 1996

Degree-granting status and sector of institution	All institutions			Eligible			Not eligible		
	Final universe	Number Responded	Response rate	Final universe	Number responded	Response rate	Final Universe	Number responded	Response rate
All institutions	6,840	6,495	95.0	6,535	6,291	96.3	305	204	66.9
4-year, public	631	624	98.9	629	622	98.9	2	2	100.0
4-year, nonprofit	1,654	1,562	94.4	1,563	1,494	95.6	91	68	74.7
4-year, for-profit	150	137	91.3	145	132	91.0	5	5	100.0
2-year, public	1,244	1,223	98.3	1,234	1,214	98.4	10	9	90.0
2-year, nonprofit	403	381	94.5	367	350	95.4	36	31	86.1
2-year, for-profit	834	787	94.4	804	765	95.1	30	22	73.3
Less-than-2-year, public	201	197	98.0	200	196	98.0	1	1	100.0
Less-than-2-year, nonprofit	88	86	97.7	87	86	98.9	1	0	0
Less-than-2-year, for-profit	1,635	1,498	91.6	1,506	1,432	95.1	129	66	51.2
Degree-granting	4,155	3,981	95.8	4,034	3,889	96.4	121	92	76.0
4-year, public	628	621	98.9	627	620	98.9	1	1	100.0
4-year, nonprofit	1,613	1,526	94.6	1,532	1,466	95.7	81	60	74.1
4-year, for-profit	146	133	91.1	141	128	90.8	5	5	100.0
2-year, public	1,098	1,081	98.5	1,092	1,075	98.4	6	6	100.0
2-year, nonprofit	199	187	94.0	185	176	95.1	14	11	78.6
2-year, for-profit	471	433	91.9	457	424	92.8	14	9	64.3
Non-Degree-granting	2,685	2,514	93.6	2,501	2,402	96.0	184	112	60.9
4-year, public	3	3	100.0	2	2	100.0	1	1	100.0
4-year, nonprofit	41	36	87.8	31	28	90.3	10	8	80.0
4-year, for-profit	4	4	100.0	4	4	100.0	0	0	0
2-year, public	146	142	97.3	142	139	97.9	4	3	75.0
2-year, nonprofit	204	194	95.1	182	174	95.6	22	20	90.9
2-year, for-profit	363	354	97.5	347	341	98.3	16	13	81.3
Less-than-2-year, public	201	197	98.0	200	196	98.0	1	1	100.0
Less-than-2-year, nonprofit	88	86	97.7	87	86	98.9	1	0	0
Less-than-2-year, for-profit	1,635	1,498	91.6	1,506	1,432	95.1	129	66	51.2

Table 3.—Enrollment in postsecondary institutions, by Title IV eligibility and higher education status, and by degree-granting status and sector of institution: 50 states, District of Columbia and the outlying areas, fall 1996 1/

Degree-granting status and sector of institution	All institutions	Eligible			Not eligible		
		Total	Higher education	Other postsecondary	Total	Higher education	Other postsecondary
All institutions	15,107,632	15,006,080	14,418,583	587,497	101,552	63,332	38,220
4-year, public	5,874,883	5,873,619	5,873,221	398	1,264	1,252	12
4-year, nonprofit	2,976,722	2,958,522	2,949,943	8,579	18,200	11,565	6,635
4-year, for-profit	138,279	134,458	125,909	8,549	3,821	1,363	2,458
2-year, public	5,443,211	5,433,911	5,294,282	139,629	9,300	778	8,522
2-year, nonprofit	95,432	91,998	68,895	23,103	3,434	801	2,633
2-year, for-profit	235,289	224,520	103,864	120,656	10,769	7,189	3,580
Less-than-2-year, public	84,350	84,328	499	83,829	22	0	22
Less-than-2-year, nonprofit	20,123	20,119	242	19,877	4	0	4
Less-than-2-year, for-profit	239,343	184,605	1,728	182,877	54,738	40,384	14,354
Degree-granting	14,594,330	14,550,056	14,393,518	156,538	44,274	22,448	21,826
4-year, public	5,874,857	5,873,605	5,873,221	384	1,252	1,252	0
4-year, nonprofit	2,974,647	2,956,996	2,949,398	7,598	17,651	11,121	6,530
4-year, for-profit	137,831	134,010	125,909	8,101	3,821	1,363	2,458
2-year, public	5,335,231	5,325,977	5,273,519	52,458	9,254	778	8,476
2-year, nonprofit	80,224	77,241	67,723	9,518	2,983	745	2,238
2-year, for-profit	191,540	182,227	103,748	78,479	9,313	7,189	2,124
Non-Degree-granting	513,302	456,024	25,065	430,959	57,278	40,884	16,394
4-year, public	26	14	0	14	12	0	12
4-year, nonprofit	2,075	1,526	545	981	549	444	105
4-year, for-profit	448	448	0	448	0	0	0
2-year, public	107,980	107,934	20,763	87,171	46	0	46
2-year, nonprofit	15,208	14,757	1,172	13,585	451	56	395
2-year, for-profit	43,749	42,293	116	42,177	1,456	0	1,456
Less-than-2-year, public	84,350	84,328	499	83,829	22	0	22
Less-than-2-year, nonprofit	20,123	20,119	242	19,877	4	0	4
Less-than-2-year, for-profit	239,343	184,605	1,728	182,877	54,738	40,384	14,354

1/ Higher education status was derived from the 1995-96 Institutional Characteristics File.

Survey Conduct and Editing

The Fall Enrollment survey carries a due date of November 15. Survey forms were collected via paper or transmitted to NCES via the Internet. Some institutions did submit data on diskette. Data for nonresponding CN institutions were collected by the Postsecondary Education Telephone System. All data, whether received on paper forms, diskettes, electronically via the Internet, or through the PETS system, went through the same editing process.) Extensive follow-up for survey nonresponse was conducted from November 1996 through April 1997. Initially, reminder letters were mailed, encouraging nonresponding institutions to complete and return their forms; and subsequently, the Postsecondary Education Telephone System (PETS) was used to collect only critical data by telephone from an institutional representative.

Survey responses were edited for internal and inter-year consistency. The following editing procedures were used:

Part A: Enrollment by race/ethnicity

- (1) All program entries (submissions by field) were checked for CIP code validity against the 1990 version of *A Classification of Instructional Programs* and to confirm these were the fields requested by the Office for Civil Rights. (even numbered years only)
- (2) Addition checks were performed by adding down the columns and comparing generated totals with reported totals. If the reported total differed from the generated total but was within a designated range, the reported total was replaced by the generated total and the cell was flagged with the proper impute code. If the difference exceeded the designated range, institutions were contacted for verification/correction. Addition checks were also performed by generating totals for men and women across columns in each line of data submitted on the form. These generated totals by sex were compared to the reported totals. If the reported totals differed from the generated totals, but were within a designated range a balance field was created containing the difference by sex and placed on the data file. Reported detail and totals were not altered. If the difference exceeded the designated range, institutions were contacted for correction.
- (3) Comparisons were also made with the number of students reported for selected items for the prior year. If the differences were sufficiently large to trigger an edit flag, institutions were contacted for verification.

Part C: Enrollment of first-freshman by residence

- (1) Part C data were edited in a similar manner. Addition checks were performed and compared to reported totals in part C and to corresponding totals in Part A. Balances were generated when part A and part C totals differed. If the balance was outside a certain range the institutions were contacted for verification/correction. If the balance was within a certain range the Part C total was replaced by corresponding value in Part A. The balance was then allocated among the state of residence categories using the state of residence distribution actually reported by the institution.

Data Management and Imputation

Data for part A enrollment by race-ethnicity were imputed for nonresponding institutions. The following imputation procedures were used:

For institutions with reported data on the prior year 1995 enrollment file: All institutions that reported data in both 1995 and 1996 were grouped by level of offering and control of institution. Enrollment data were then aggregated for each group and percent changes were calculated. Then for each nonresponding institution in 1996 their 1995 enrollment data were adjusted by the percent change of the group to which that institution belonged.

Imputations for all items for institutions with no prior year report were based on current year group means or ratios derived for similar institutions with reported data in 1996. Groups were formed by combining institutions by level of offering and control of institution.

Data for part C enrollment of first-time freshman by state of residence were imputed for nonresponding institutions; The following imputation procedures were used:

For institutions that reported data for first-time freshman in part A, but did not report residence data in part C in 1996, and reported residence data in 1994, the reported first-time freshman in Part A was distributed in the same proportion as the reported 1994 data by state of residence.

For institutions that did not respond to any part of the 1996 fall enrollment survey but did respond to the 1995 fall enrollment survey the total first-time freshman in part A were imputed as described above. If the institution had reported residence and migration data in 1994 then the imputed first-time freshman in part A was distributed in the same proportion as the reported 1994 data by state of residence.

Imputation was not done if the institution did not report residence and migration data in 1994. For these institutions the imputed or reported value of first-time freshman from part A was set equal to line 99 of part C and a balance line (98) which is also equal to line 99 was created. This was done to make grand total in part C consistent with part A and detail of part C consistent with the grand total of part C for both EF1 and EF2 records. Part C was not on the CN form.

For institutions, that responded to (column 1) all first-time freshman, but did not respond to (column 2) first-time freshman that graduated from high school in the past 12 months, the following partial imputation procedure was used:

For all institutions that responded to both columns 1 and 2 a ratio was computed by dividing all first-time freshman graduation from high school in the past 12 months by all first-time freshman at the institution. A median ratio was calculated by sector and state of institution. All for-profit institutions were combined into one sector. For each institution that did not respond to column 2, the total first-time freshman count reported in column 1 by state of residence was multiplied by the median ratio of the institution's sector and state to impute first-time freshman who graduated high school in the past 12

months by state of residence.

Table 4 compares the number of institutions with first-time freshman and the total enrollment of all first-time freshmen for parts A and C. 3,181 institutions reported first-time freshman in part A. 3,161 of those institutions reported enrollment by state of residence. Of the 20 that did not report, 15 were imputed using the methods described above and 5 were not imputed.

Table 4.—Number of institutions and total enrollment of first-time freshman for parts A and C in the 1996 Fall enrollment file, by survey form and by response status of institution

Survey form and response status	Part A, total	Part C			Total In part A but not in part C
		Total	Reported	Imputed	
Number of institutions	6,140	3,258	3,161	97	2,882
CN form total	2,841	NA	NA	NA	2,841
EF form total	3,299	3,258	3,161	97	41
EF form reported	3,181	3,176	3,161	15	5
EF form imputed	118	82	0	82	36
Total enrollment	2,696,299	2,256,563	2,219,168	37,395	439,736
CN form total	424,270	NA	NA	NA	424,270
EF form total	2,272,029	2,256,563	2,219,168	37,395	15,466
EF form reported	2,236,827	2,235,104	2,219,168	15,936	1,723
EF form imputed	35,202	21,459	0	21,459	13,743

1. Part C total = Part C reported + Part C imputed. Part A and not in part C = Part A total - Part C total
2. The 6,140 institutions with first-time freshman are a subset of the IPEDS universe. Institutions not included in this subset are freestanding first-professional institutions (e.g. law, medical institutions) and institutions with upper division students only.

Raking of racial-ethnic data

When data were reported by racial-ethnic categories on a detail line and the generated sum of these enrollments did not equal the reported total enrollment and the difference between the generated total and the reported total exceeded the designated range the institutions were contacted for correction. If the difference was within the designated range "balance columns" were created. The balance columns were then distributed in the same proportions as the reported racial-ethnic data for that detail line. If there were no racial-ethnic data reported for any detail lines, but racial-ethnic data were reported for the subtotal lines (8=undergraduate full-time, 14=postbaccalaureate full-time, 22=undergraduate part-time and 28=postbaccalaureate part-time), the total from columns 15 and 16 (male, female) of each detail line were distributed in proportions as the racial-ethnic enrollments reported on the corresponding subtotal line. If the institution did not report racial-ethnic data on the subtotal lines, but reported racial-ethnic data on the grand total line (29), then line 29 was used to distribute the data on the detail lines. If the institution only reported data in columns 15 and 16 on all lines, data were distributed among racial-ethnic categories based on the distribution of totals of the imputation group in which the institution was a member. Groups were formed by aggregating lines 8, 14, 22, and 28 by survey form, control, and state by sex.

Beginning in 1990, a "race-ethnicity unknown category" was incorporated into the Fall Enrollment survey. To allow for analysis of enrollment trends by race-ethnicity, enrollment reported in the race-ethnicity unknown category were raked across those columns that represent U.S. citizens, that is, columns 3 through 12; race unknown was not distributed to nonresident aliens. The procedure used to distribute the race-unknown category among the race-ethnic categories was the same procedure used for distributing the balance columns. Note that raking may be done on data that are imputed as well as the reported data. Total columns 15 and 16 were not altered by this process. The original race unknown values are kept on the file as are the original balance columns. Table 5 contains the enrollment numbers by "race-ethnicity unknown" and balance categories.

Table 5.—Total enrollment by race-ethnicity unknown and balance, by Title IV eligibility, and by degree-granting status and sector of institution: 50 states and the District of Columbia, fall 1996

Degree-granting Status and sector of institution	All institutions			Eligible			Not eligible		
	Total enrollment	Percent race-ethnicity unknown	Percent balance	Total enrollment	Percent race-ethnicity unknown	Percent balance	Total enrollment	Percent race-ethnicity unknown	Percent balance
All institutions	15,107,632	3.9	0.1	15,006,080	3.6	0.1	101,552	55.2	0.2
4-year, public	5,874,883	2.9	-	5,873,619	2.9	-	1,264	6.5	0.0
4-year, nonprofit	2,976,722	5.4	-	2,958,522	5.3	-	18,200	22.4	0.0
4-year, for-profit	138,279	4.4	-	134,458	2.2	-	3,821	81.0	0.0
2-year, public	5,443,211	3.3	-	5,433,911	3.3	-	9,300	0.0	0.0
2-year, nonprofit	95,432	3.6	-	91,998	3.4	-	3,434	9.4	0.0
2-year, for-profit	235,289	9.6	0.1	224,520	7.2	0.1	10,769	61.2	-
Less-than-2-year, public	84,350	2.6	6.2	84,328	2.6	6.2	22	0.0	0.0
Less-than-2-year, nonprofit	20,123	24.9	1.4	20,119	24.9	1.4	4	0.0	0.0
Less-than-2-year, for-profit	239,343	20.8	1.0	184,605	4.3	1.1	54,738	76.6	0.4
Degree-granting	14,594,330	3.6	-	14,550,056	3.5	-	44,274	31.6	0.0
4-year, public	5,874,857	2.9	-	5,873,605	2.9	-	1,252	6.4	0.0
4-year, nonprofit	2,974,647	5.4	-	2,956,996	5.3	-	17,651	23.1	0.0
4-year, for-profit	137,831	4.4	-	134,010	2.2	-	3,821	81.0	0.0
2-year, public	5,335,231	3.2	-	5,325,977	3.2	-	9,254	0.0	0.0
2-year, nonprofit	80,224	3.1	-	77,241	2.8	-	2,983	10.7	0.0
2-year, for-profit	191,540	9.2	-	182,227	6.2	-	9,313	68.8	0.0
Non-Degree-granting	513,302	13.5	1.6	456,024	6.0	1.7	57,278	73.5	0.4
4-year, public	26	7.7	0.0	14	0.0	0.0	12	16.7	0.0
4-year, nonprofit	2,075	0.4	0.0	1,526	0.5	0.0	549	0.0	0.0
4-year, for-profit	448	2.0	0.0	448	2.0	0.0	-	-	-
2-year, public	107,980	6.1	0.1	107,934	6.1	0.1	46	0.0	0.0
2-year, nonprofit	15,208	6.2	0.0	14,757	6.4	0.0	451	0.4	0.0
2-year, for-profit	43,749	11.3	0.2	42,293	11.3	0.2	1,456	12.5	-0.1
Less-than-2-year, public	84,350	2.6	6.2	84,328	2.6	6.2	22	0.0	0.0
Less-than-2-year, nonprofit	20,123	24.9	1.4	20,119	24.9	1.4	4	0.0	0.0
Less-than-2-year, for-profit	239,343	20.8	1.0	184,605	4.3	1.1	54,738	76.6	0.4

Table notes:

1. Data in table 5 were compiled using line 29 (total enrollment only).
2. The enrollment in the balance column represents 181 institutions, which had its enrollments by race/ethnicity not equal to the reported total. 31 of these institutions reported no race-ethnicity data and did not report data in the race-ethnicity unknown category. Enrollments imputed from allocating the balance columns is very small 0.1 percent.
3. The enrollment in the "race/ethnicity unknown" category represents 2,441 institutions. 81 of these institutions reported data only in the race/ethnicity unknown category.
4. '-' less than 0.05 percent.

III. User Guidelines for Processing the 1996 IPEDS Enrollment Data File

Overview

The 1996 Fall Enrollment and Consolidated surveys, part of the Integrated Postsecondary Education Data System (IPEDS), provide a vehicle for estimating enrollments by race/ethnicity, sex, level and status for all postsecondary education providers in the IPEDS universe. The file contains fall enrollment data for 4-year, 2-year, less-than-2-year institutions. This information can be used to answer such questions as:

- a. What is the total number of full-time and part-time students attending the nation's postsecondary institutions?
- b. What proportion of degree seeking students are in graduate programs?
- c. What proportion of degree seeking students attend school on a part-time basis? Does this vary by the level of institution?

General Information

The following general guidelines will be useful in working with the Fall Enrollment file:

1. To aid the analysis of the data file on the PC, the file has been divided into six different data file modules. These files are fixed length formatted text files.

File EF96_IC contains the institutional characteristic information of the institution. Variables such as control, level, state fips and abbreviation, highest level of offering and type of form the institution returned are found on this file.

File EF96_ANR contains (Part A) summary enrollment data by reported race-ethnicity and sex of student and by level of student.

File EF96_ARK (raked analysis Part A file) summary enrollment data by adjusted race-ethnicity and sex of student and by level of student. This file contains adjusted race-ethnicity data. The race/unknown categories and balance columns are distributed across the race-ethnicity categories. (See methodology). NCES publications are based on this file.

File EF96_ACP contains (Part A) enrollment data by race-ethnicity and sex of student, and by level of student for selected major fields of study.

File EF96_C contains (Part C) enrollment data of first-time freshman by state of residence.

File EF96_D contains (Part D) clarifying questions.

2. Each institution's data consists of several records across the six data file modules. Each file consists of fixed length (EF96_IC=136 positions, EF94_ANR=136 positions, EF94_ACP=143 positions, EF96_ARK=136 positions, EF96_C=24 positions and EF96_D contains 122 positions) records. The record format is the same for each institution within each file, regardless of the survey form type completed by the school. EF96_ANR, EF96_ARK, EF96_ACP, and EF96_C contain multiple records per institution and EF96_IC and EF96_D contain one record per institution. Storing the fall enrollment data in 6 different file modules as opposed to one big file reduces the file size about 70 percent. Recognizing that the analysis of the data in this format may be more difficult, a sample analysis using PC SAS is provided in this section.
3. Data field codes or ranges which are too extensive to be listed in the "Description" column of the record layout are included as separate lists in Appendices A and B, attached.
4. Survey data items vary by form type. While some items are common to EF1, EF2, and CN, other items are unique to a specific survey form. To accurately subset the file for data analysis and tabulation, the file user should become acquainted with the data items included on each version of the survey and with the types of institutions that complete each version.
5. A UNITID number is present on every record in all data files, and is the unique identification code assigned by NCES to separately identify each postsecondary institution and administrative unit on the file. The UNITID is a constant number and will not change over time. The UNITID is used to link all enrollment data file modules together. The UNITID also links all IPEDS survey data bases for that institution (specifically, the Institutional Characteristics, Fall Enrollment, Fall Enrollment in Occupationally Specific Programs, Completions, Finance, Salaries, Fall Staff, Academic Libraries, and Consolidated surveys).
6. The Office of Postsecondary Education Identification Number (OPEID) is the identification number assigned to institutions that are in the Postsecondary Education Participants System (PEPS). This system is maintained by the Office of Postsecondary Education (OPE) which tracks the eligibility status of postsecondary institutions. An institution that has an OPEID identifies it as being in both IPEDS and PEPS. The eligibility status of an institution can be found in an OPE indicator variable called (OPEIND, field position 130). All institutions that are eligible to participate in Title IV aid programs will have a value of "1" in this position. A value of "2" was given to any branch campus, or system office in IPEDS that was not identified as being eligible by PEPS but was part of a main campus that is eligible. Also, any U.S. service school not in PEPS was given a value of "2". IPEDS will consider any institution with a value of "1" or "2" as being eligible to participate in Title IV federal financial aid programs. The OPEID is an 8-digit code and is found in positions 122-129 of the data file. The first 6 digits of the OPEID identify the main campus. The last 2 digits represent branch campuses or additional locations and are coded as 01,02...99. For the main campus the last 2-digits will always be "00". For branch campuses of an eligible main campus in IPEDS that is not in PEPS, the last 2 digits are coded as A1, A2...A9.
7. As mentioned earlier IPEDS will now maintain a subset of institutions called degree-granting institutions. A degree-granting institution is any institution that offers an associate's, bachelor's, master's, doctor's, or first-professional degree. Institutions that grant only certificates or awards of any length program (less-than-2-years or 2-years or more) are categorized as non-degree-granting

institutions. Codes for identifying degree-granting institutions are defined in the variable called HDEGOFFR (highest degree offered located record positions 131-132, see appendix A, list 9 for values).

8. Many institutions also carry a FICE code, which is a 6-digit code maintained for historical purposes. This identifier was originally created by the Federal Interagency Committee on Education (FICE) to distinguish postsecondary schools that qualified as institutions of higher education (IHE's) from other postsecondary institutions. IHE's were accredited at the college level by an agency or association recognized by the Secretary, U.S. Department of Education, and they were legally authorized to offer at least a 1-year program of study creditable toward a degree. These were the institutions that were formerly included in the Higher Education General Information Survey (HEGIS) system 1966-1995. For many years, the U.S. Department of Education updated its list of 'higher education' institutions. The Department, however, no longer makes a distinction between higher education institutions and other postsecondary institutions that are eligible to participate in Title IV federal financial aid programs. IPEDS will no longer use the FICE code to define higher education institutions. However, the FICE code will be kept on the file because it is needed to merge IPEDS files from 1986 through the present, with the HEGIS files.

Caution must be exercised in merging both IPEDS and HEGIS data files. A school may have several entries in IPEDS where only one existed in HEGIS. The reason for this is that IPEDS requests separate reporting by all institutions and their branches as long as each entity offers at least one complete program of study. Under the HEGIS system of data collection, only separately accredited branches of an institution were surveyed as separate entities, whereas branches that were NOT separately accredited were combined with the appropriate entity for purposes of data collection and reporting.

In order to identify and link the institutions or branches in IPEDS that reported as one school in HEGIS, NCES has developed "dummy" FICE codes, i.e., FICE codes with a "9" in the first position. For example, UNITID 127787 is Parks Junior College - Denver, Colorado, with FICE code 004507. The HEGIS reports for Parks Junior College included data for the Aurora campus. IPEDS surveys the Aurora campus separately; thus the IPEDS file will carry two records --

127787 Parks Junior College - Denver FICE = 004507
366544 Parks Junior College - Aurora FICE = 904507

The schools can be linked by their FICE codes, which are identical except in the first position. Accreditation of the Aurora branch is covered by the Denver branch, i.e., the institution that carries the "actual" (non-dummy) FICE code.

In summary, the assignment of dummy FICE codes permits analysts to reaggregate main and branch campus data to match the information reported in the former HEGIS system.

9. A school's sector may change from the previous year based on its response to specific survey items. (Sector is a generated variable, and is based on an institution's control and highest level of offering.) Thus, some sector changes will lead to an apparent but correct inconsistency between form type and sector.

For example, a 4-year institution of higher education may be on file as having completed an EF2 form, although 4-year schools are supposed to complete EF1 forms. To illustrate, let's say that at the time of mailout, "ABC College" was classified as a public 2-year school (sector = 4), and thus received and completed an EF2 form (FORMRT = 2). However, their response to the current-year Institutional Characteristics survey indicates that the institution now offers bachelor's degrees. The institution's control is still public (i.e., CONTROL = 1), but its level is now 4-year (i.e., LEVEL = 1), and its sector is now public 4-year (i.e., SECTOR = 1). Therefore, in the next survey mailout, the school will receive an EF1 form and the corresponding IPEDS forms for 4-year institutions (C1, IC1, etc.).

10. Generated total enrollment for first-time freshman aggregated from part C data by state of residence will not equal generated total enrollment for first-time freshman aggregated from Part A data, because residence data were not collected on the CN form. Also, residence data were only imputed for institutions that had reported residence and migration data on the 1994 fall enrollment survey.
11. Parent/child institutions. Some institutions do not report enrollment data for individual campuses, but report data with the main campus. Institutions that report their data with another institution are known as child institutions and are identified on the file by the variable PARCHILD=2 (file position 91). Institutions that report the combined data (parent institutions) are identified by PARCHILD=1. The parent and children institutions have a data field called UNITIDX, which can be found in file positions 92-97 of the IC data module. This field contains the UNITID of the parent institution record. This data field will enable the user to link the child record with the parent record.
12. The EF96_IC file contains an indicator in position 115, which identifies the 103 Historically Black Colleges and Universities (HBCU's). This list is included in Appendix A. These institutions are also on both the listing established by the White House Initiative and the list issued by the U.S. Department of Education, Office of Postsecondary Education (OPE) (which notes eligibility for Title III funding at the undergraduate level), with some exceptions. The following schools are not defined as HBCU's by OPE because they do not fit the guidelines for Title III funding: The University of the District of Columbia, Howard University, Interdenominational Theological Center, and Clinton Junior College. Natchez College is flagged as an HBCU for tracking purposes only; it was included prior to 1979 when it lost its accreditation.

Recently, OPE has recognized certain graduate level programs at Historically Black Institutions, as qualifying for Title III funding. Institutions with the programs are listed below for reference:

Alabama A & M University (qualified graduate programs)	AL
Tuskegee University (Veterinary Medicine)	AL
Charles R. Drew Postgraduate Medical School	CA
Florida A & M University School of Pharmaceutical Sciences	FL
Clark Atlanta University	GA
Morehouse School of Medicine	GA

Southern University School of Law	LA
Xavier University School of Pharmacy	LA
Morgan State University (qualified graduate programs)	MD
University of Maryland Eastern Shore (qualified graduate programs)	MD
Jackson State University (qualified graduate programs)	MS
North Carolina Central University School of Law	NC
North Carolina A & T University (qualified graduate programs)	NC
Meharry Medical College	TN
Texas Southern University School of Law and School of Pharmacy	TX
Hampton University (qualified graduate programs)	VA

File Structure for PC Data File

Overview

Two versions of the Fall Enrollment survey were used to collect enrollment data. The most extensive form (EF1) was sent to 4-year institutions that were accredited at the collegiate level in academic year 1995-96 and all other eligible institutions offering a bachelor's, master's, doctor's, or first-professional degree that were not accredited at the collegiate level in academic year 1995-96. The other version (EF2) is designed to collect less detailed data and is sent to 2-year institutions that were accredited in the previous academic year. Enrollment data collected via the Consolidated survey were reformatted and appended to the Fall Enrollment data.

The file structure and survey forms of EF1, EF2, and CN should be reviewed carefully for the relative line and column positions of specific variables before any programming is started. Familiarity with the differences in EF1, EF2, and CN is especially important if a programmer's objective is to retrieve comparable data for 4-year, 2-year, and less-than-2-year institutions, or to derive national totals. A crosswalk is provided in Appendix B.

The line numbers found in record positions 8-9 correspond to the line numbers on Part A, Part B, or Part C (Note: the CN survey does not have Part B or C). Each line of data on the survey form corresponds to one record. In contrast, Part D of the survey is treated as one record (Note: the CN survey does not have Part D). The part code is found in record position 7. The data on each record appear in the same order as presented on the survey form. All records are of fixed length within each file module.

The variables found on a specific record and the total number of records are not necessarily comparable across EF1, EF2, and CN. For example, Part A of EF1 has 29 records of data. Each record contains data on the number of men and women, by race/ethnicity. Note there are separate records to differentiate between degree-seeking status, attendance status, and year of study. Part A of CN contains 7 records of data differentiating first-time and all other students and full-time vs. part-time. Each record contains data on the number of men and women by race/ethnicity.

Note, however, that the line numbers for EF1, EF2 and CN are consistent. For example, the grand total and subtotal line numbers for EF1, EF2, CN are the same, although 29 lines of data were collected via the EF1 form, 11 lines of data were collected via the EF2 form, and 5 lines were collected

via the CN survey.

Structure for part A data files, total enrollment by race-ethnicity: EF96_ANR and EF96_ARK

For institutions that returned an EF1 survey form, this file consists of a maximum of 29 records per institution. Each record contains enrollment data by race-ethnicity and sex of student. The record number defines the level of enrollment. Records 1 through 8 refer to full-time undergraduates by year of study. Records 9 through 14 refer to full-time post-baccalaureate students (first-professional or graduate). Records 15 through 22 refer to part-time undergraduates by year of study. Records 23 through 28 refer to part-time post-baccalaureate students (first-professional or graduate). The grand total enrollment is given on record 29, and subtotal enrollments for full-time undergraduates and postbaccalaureates and for part-time undergraduates and postbaccalaureates are given on records 8, 14, 22, and 28 respectively.

For institutions that returned an EF2 survey form, this file consists of a maximum of 11 records per institution. Each record contains enrollment data by race/ethnicity and sex of student. Records 1 through 3 refer to full-time degree seeking undergraduates by year of study. Record 7 refers to all other full-time students. Records 15 through 17 refer to part-time degree seeking undergraduates by year of study. Record 21 refers to all other part-time students. The grand total enrollment is given on record 29, full- and part-time subtotals are given on records 8 and 22. Record numbers 4 through 6, 9 through 14, 18 through 20, and 23 through 27 were not used on the EF2 form to provide consistency with similar data provided on the EF1 form.

For institutions that returned the CN survey form, this file consists of a maximum of 7 records per institution. Subtotal lines were not collected on the CN survey but were generated for the data file. (see CN/EF crosswalk in appendix B for more detail).

Structure for part A data files, enrollment by race-ethnicity for selected major fields of study: EF96_ACP

This data file contains fall enrollment data by race-ethnicity for selected major fields of study for EF1 (4-year) institutions only. This file has the same file structure as the other part A files, but consists of a maximum of 29 records for each of the selected major fields of study. The major field of study is identified by the CIPCODE variable found in columns 121-127. For the values of the cipcode variable see appendix B. list 2. This file exists only in even-numbered years.

Structure of part B (total enrollment by age/categories) data file: EF95_B

For EF1 institutions, this file contains enrollment data by age of student. These data are collected in odd-numbered years. There is a maximum of 25 records per institution. Records 1 through 12 define age categories for full-time students and records 13 through 24 contain the same age categories for part-time students. Record 25 is the grand total. Each record contains enrollment data by sex of student for undergraduate, first-professional and graduates student levels. The records for EF2 institutions are similar to EF1 institutions but contains enrollment data for undergraduate students only. There are no CN records in this data file. *This file is available in odd-numbered years only.*

Structure of part C (Residence and Migration) data file: EF96_C

Part C has a maximum of 62 records per institution. Each record contains the enrollments for all degree-seeking first-time first-year freshman, and those degree-seeking first-time first-year freshman that graduated from high school in the 12 months prior to the fall enrollment period. The line numbers found in record positions 8-9 of part C records contains the 2-digit state fips code (see survey form or list 4 in appendix B) which indicates the state or residence of the enrolled freshman. Enrollments for which residence was not known were coded with a 57 and enrollment from foreign countries was coded as a 90. Record number 99 contains the grand total enrollment for first-time freshman and should equal enrollments from part A (lines 1 and lines 15). Part C. is collected in even-numbered years. The structure of this file does not vary by survey form. There are no CN records in this data file. *This file is available in even-numbered years only.*

The file structure for part D (clarifying questions file:EF96_D, has one record per institution for both the EF1 and EF2 surveys. (see record layout).

A more detail description of the line number by survey form for parts A , B, and C is provided in appendix B. For a more detailed description of each variable please refer to the attached record layout.

Data Analysis: Subsetting the Records

There are obviously many ways of subsetting the file. The point here is to demonstrate the kind of logic one must use to obtain the proper records for analysis. Just remember that the ordering of the IF tests (or variable selection for non-SAS users) can dramatically affect processing time. The rule of thumb is to eliminate all inapplicable records at the outset for maximum efficiency in processing, so consider whether sorting variables from most general to most specific reduces the amount of time it takes to subset the file, and structure the selection of cases accordingly.

In order to accurately subset the file, a programmer must determine the type and control of institutions included in the analysis and the record positions of desired variables. For example, suppose the following question is asked: "What is the racial/ethnic distribution of all full-time undergraduate students in public 4-year and above institutions for institutions of higher education in the 50 states and the District of Columbia?"

Using SAS statements as an example, selecting the proper records could be performed as follows:

```
DATA EF96_IC;
INFILE 'E:\IPED9697\PUBLIC\EF96_IC.DAT' LRECL=136 RECFM=V MISSEVER;
INPUT
  @001 UNITID  6.
  @079 FIPS    2.
  @083 FICE    6.
  @097 SECTOR  2.
  @122 FORMRT $3. ; Select the variable from the IC file module.
IF FORMRT='EF1' AND SECTOR=1 AND FICE > 0 AND FIPS LE 56;
      formrt=EF1 and sector=1 selects 4-year public institutions that returned an ef1 survey
```

form. Fice > 0, selects higher education institutions and fips le 56 selects only institutions in the U.S. and D.C..

```
DATA EF96_ANR;
INFILE 'E:\IPED9697\PUBLIC\EF96_ANR.DAT' LS = 136 RECFM=V MISSOEVER;
INPUT @001 UNITID 6.
      @007 PART    $1.
      @008 LINE    $2.
      @010 LSTUDY  $1.
      @011 SECTION $2.
      @013 EFRACE01 6.
      @019 EFRACE02 6.
      @025 EFRACE03 6.
      @031 EFRACE04 6.
      @037 EFRACE05 6.
      @043 EFRACE06 6.
      @049 EFRACE07 6.   Define race ethnic record.
      @055 EFRACE08 6.
      @061 EFRACE09 6.
      @067 EFRACE10 6.
      @073 EFRACE11 6.
      @079 EFRACE12 6.
      @085 EFRACE13 6.
      @091 EFRACE14 6.
      @097 EFRACE15 6.
      @103 EFRACE16 6.
      @109 BALMEN  6.
      @115 BALWOM  6.;
```

IF line = 8; select full time undergraduate line.
Now merge the files.

```
Data ef;
Merge ef96_ic(in=Inic)
      ef96_anr(in=ina);
by UNITID
if inic; select only those enrollments for the institutions selected in the first step.
```

Similar analysis can be done using several other programming languages such as SPSS. Data base languages such as DBASE or Microsoft's ACCESS can also be used. It is recommended the user define all variables from the data files and convert them to SAS, SPSS system files or a Database file before beginning a specific analysis. Spreadsheet languages are not recommended for analysis.

Nonrespondents and Partial Respondents

As the response rates indicate, not every postsecondary institution returned a survey form. As explained elsewhere in this documentation, imputation for missing data was performed when possible. The RSTATUS code (record position 89) identifies those institutions for which complete imputations were done, i.e., no form was returned.

Cautionary Notes

The definitions and instructions for compiling IPEDS data have been designed to minimize problems encountered when making institutional comparisons. However, postsecondary institutions differ widely among themselves. In addition, imputed data are on file for institutions that were partial or total nonrespondents to the survey (RSTATUS=4 codes for total nonrespondents, record position 89; Caution should always be exercised when comparing institutions for which data have been imputed since these data are intended for computing national totals and are not intended to be an accurate portrayal of an institution's data. Thus, use of imputed data may result in misleading comparisons.

One should also use caution when making year to year enrollment comparisons, by state. In some cases, state enrollment counts may vary from year to year as a result of imputation rather than a result of changes in the reported enrollment data. To prevent misinterpretation, always check the RSTATUS codes of individual institutions to determine if a large proportion of data were imputed when considering year to year changes, by state.

In addition, caution is urged in using the information on Part D of the form concerning remedial enrollment. This question is geared towards those students who are enrolled exclusively in remedial courses - not students enrolled in one or more such courses.

Another note of caution concerns the use of form type (EF1, EF2, CN) vs. institutional sector. Forms were mailed to institutions based on information provided on the prior year's Institutional Characteristics (IC) survey; i.e., control and highest level of offering, which when combined, determine an institution's sector. For example, an accredited public 2-but-less-than-4-year school (sector 4) should receive an EF2 survey form. In some cases, these schools elected to return an EF1 form, either because they now offer a 4-year award, or because they may have upper division or postbaccalaureate students taking courses there. When schools returned forms that were inconsistent with the sector in which they were identified, NCES attempted to determine their proper sector and either the school's sector was adjusted, or the data returned were adjusted to conform with the proper survey form.

While IPEDS encourages institutions to report data for each branch campus separately, some institutions choose to report all their data with their main campus "i.e., parent institution". Institutions that report their data with another institution are known as child institutions and are identified on the file by the variable PARCHILD=2. Institutions that report the combined data (parent institutions) are identified by PARCHILD=1. Parent and child institutions have a data field called UNITIDX, which contains the UNITID of the parent institution record. This variable allows users to link the child record with the parent record.

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
File name: EF96_IC.DAT - Institutional characteristics for fall enrollment file				
UNITID	6	1 - 6	AN	This is a unique identifier for each institution.
INSTNM	50	7 - 56	AN	Institution (entity) name
CITY	20	57 - 76	AN	
STABBR	2	77 - 78	AN	Post Office Code State abbreviations. (See appendix A. ICD list 1)
FIPS	2	79 - 80	AN	FIPS State Code. (See appendix A. ICD list 1)
OBEREG	2	81 - 82	AN	OBE Region Code. (See Appendix A. ICD list 1 & 2)
FICE	6	83 - 88	AN	Identifies schools accredited at the college level by an agency recognized by the Secretary of Education (formerly included in HEGIS) Blank for non-HEGIS schools.
RSTATUS	1	89 - 89	AN	1 = Respondent 3 = Nonrespondent, not imputed 4 = Nonrespondent, imputed
IMPTYPE	1	90 - 90	AN	Type of Imputation 1 = Record was imputed using current year mean average method 2 = Record was imputed using institution's previous year's data 9 = Partial imputation (imputation was done for nonresponding data items only) blank = no imputation was done
PARCHILD	1	91 - 91	AN	Parent/child indicator 1 = Parent record(Combined data respondent, carries data for more than one institution) 2 = Child record (Data reported with the parent institution) 3 = Child with data (record contains some data, but some data are reported with the parent institution - applicable to finance and fall staff). blank=not parent/child
UNITIDX	6	92 - 97	AN	UNITID of institution where data is reported (parent/child institutions)
SECTOR	2	98 - 99	AN	Generated Sector (based on response to IC survey) 00 - Central, System or Corporate Offices 01 - Public, 4 year or above 02 - Private, nonprofit, 4 year or above 03 - Private, for-profit, 4 year or above 04 - Public, 2 year 05 - Private, nonprofit, 2 year 06 - Private, for-profit, 2 year 07 - Public, less than 2 year 08 - Private, nonprofit, less than 2 year 09 - Private for-profit, less than 2 year
LEVEL	1	100 - 100	AN	1 = 4 or more years (Baccalaureate or higher) 2 = At least 2 but less than 4 years (Below baccalaureate) 3 = Less than 2 years (Below associate)
CONTROL	1	101 - 101	AN	1 = Public 2 = Private, nonprofit 3 = Private, for-profit
AFFIL	1	102 - 102	AN	1 = Public 2 = Private, for-profit 3 = Private, nonprofit, no religious affiliation 4 = Private, nonprofit, Catholic 5 = Private, nonprofit, Jewish 6 = Private, nonprofit, Protestant 7 = Private, nonprofit, Other religious affiliation blank = no response

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
HLOFFER	2	103 - 104	AN	Highest level of offering 01 = Postsecondary Award, Certificate or Diploma of less than one academic year 02 = Postsecondary Award, Certificate, Diploma of at least 1 but < 2 academic yrs 03 = Associate's Degree 04 = Postsecondary Award, Certificate, Diploma of at least 2 but < 4 academic yrs. 05 = Bachelor's Degree 06 = Postbaccalaureate Certificate 07 = Master's Degree 08 = Post-Master's Certificate 09 = Doctor's Degree 00 = Other blank = Not applicable or non-response
FPOFFER	1	105 - 105	AN	First-Professional Offering 1 = First-Professional Degree or post-degree certificate, blank=no
LOCALE	1	106 - 106	AN	Degree of urbanicity (See appendix A. ICD list 4)
PCTMIN1	2	107 - 108	AN	Percent minority - (generated from 1995 fall enrollment (Appendix A. ICD list 5)
PCTMIN2	2	109 - 110	AN	%1995 fall enrollment Black, non-Hispanic
PCTMIN3	2	111 - 112	AN	%1995 fall enrollment American Indian/Alaskan Native
PCTMIN4	2	113 - 114	AN	%1995 fall enrollment Asian/Pacific Islander
HBCU	1	115 - 115	AN	Historically Black Colleges & Universities (1=yes, blank=no Appendix A. ICD list 6)
HOSPITAL	1	116 - 116	AN	Institution has hospital (1 = yes, blank = none)
MEDICAL	1	117 - 117	AN	Institution grants a medical degree (1 = yes, blank = none)
TRIBAL	1	118 - 118	AN	Tribal college (1 =yes, blank = no)
CARNEGIE	2	119 - 120	AN	1994 Carnegie classification code (see Appendix A. ICD list 7)
SOURCE	1	121 - 121	AN	Data Source - Medium used to collect data (see Appendix A. ICD list 8)
OPEID	8	122 - 129	AN	Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV (financial aid) programs
OPEIND	1	130 - 130	AN	OPE eligibility indicator code 1=institution is eligible 2=not listed separately as being an eligible institution by OPE, but is a branch campus or system office of an eligible main campus; or a U.S. service school not listed by OPE as beign eligible. IPEDS will consider these institutions as eligible institutions. blank=not eligible
HDEGOFFR	2	131 - 132	AN	Highest degree offered (See appendix A, ICD list 9)
NCESEDIT	1	133 - 133	AN	Edit flag 1 = Record was edited and no critical errors were found. 2 = Record was edited and errors were resolved. 3 = Record was edited and errors not resolved but record was accepted. 4 = Record was edited and errors are not resolved (early release only). blank = record has not been edited (Early release only)
FORMRT	3	134 - 136	AN	"EF1", "EF2" or "CN" survey form
				NCES internal variables only, not included on public use files
AREA	1	137 - 137	AN	Area search indicator
ACT	1	138 - 138	AN	
NCESDAT	6	139 - 144	AN	
OPETYPE	1	145 - 145	AN	
SPAELIG	1	146 - 146	AN	
REFUSAL	1	147 - 147	AN	Refusal indicator

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
File name: EF96_ANR.DAT - Part A: 1996 Fall enrollments by Race-ethnicity - Summary page CIP=99.0000				
EF1, EF2 AND Consolidated (CN) survey forms				
Note: This file contains the originally reported and imputed race-ethnicity data. The race/unknown categories and balance columns are not distributed to the race-ethnic categories. Therefore grand totals are computed as follows:				
Men: EFRACE15 = EFRACE01+EFRACE03+EFRACE05+EFRACE07+EFRACE09+EFRACE11+EFRACE13+BALMEN;				
Women: EFRACE16 = EFRACE02+EFRACE04+EFRACE06+EFRACE08+EFRACE10+EFRACE12+EFRACE14+BALWOMEN;				
UNITID	6	1 - 6	AN	This is a unique identifier for each institution.
PART	1	7 - 7	AN	"A" = Enrollment by race/ethnicity status
LINE	2	8 - 9	AN	Year of study by level of student (see survey form or Appendix B)
LSTUDY	1	10 - 10	AN	Level of study - Part A only "A" = Undergraduates - All forms "B" = First-professional students, "EF1" and "CN" "C" = Graduate students, "EF1" and "CN" "D" = Total postbaccalaureate, "EF1"
SECTION	2	11 - 12	AN	Attendance status-Part A only 01 = Full-time students 02 = Part-time students blank = total lines on Part A
EFRACE01	6	13 - 18	N	Non-resident alien men - Column (1)
EFRACE02	6	19 - 24	N	Non-resident alien women - Column (2)
EFRACE03	6	25 - 30	N	Black non-Hispanic men - Column (3)
EFRACE04	6	31 - 36	N	Black non-Hispanic women - Column (4)
EFRACE05	6	37 - 42	N	American Indian or Alaskan Native men - Column (5)
EFRACE06	6	43 - 48	N	American Indian or Alaskan Native women - Column (6)
EFRACE07	6	49 - 54	N	Asian or Pacific Islander men - Column (7)
EFRACE08	6	55 - 60	N	Asian or Pacific Islander women - Column (8)
EFRACE09	6	61 - 66	N	Hispanic men - Column (9)
EFRACE10	6	67 - 72	N	Hispanic women - Column (10)
EFRACE11	6	73 - 78	N	White non-Hispanic men - Column (11)
EFRACE12	6	79 - 84	N	White non-Hispanic women - Column (12)
EFRACE13	6	85 - 90	N	Race-ethnicity unknown men - Column (13)
EFRACE14	6	91 - 96	N	Race-ethnicity unknown women - Column (14)
EFRACE15	6	97 - 102	N	Total men - Column (15)
EFRACE16	6	103 - 108	N	Total women - Column (16)
BALMEN	6	109 - 114	N	Balance col. for men - (col16) - (col1+col3+...+col13)
BALWOMEN	6	115 - 120	N	Balance col. for women - (col16) - (col2+col4+...+col14)
IA01	1	121 - 121	AN	Item imputation Flags (see appendix A. ICD list 7)
IA02	1	122 - 122	AN	
IA03	1	123 - 123	AN	
IA04	1	124 - 124	AN	
IA05	1	125 - 125	AN	
IA06	1	126 - 126	AN	
IA07	1	127 - 127	AN	
IA08	1	128 - 128	AN	
IA09	1	129 - 129	AN	
IA10	1	130 - 130	AN	
IA11	1	131 - 131	AN	
IA12	1	132 - 132	AN	
IA13	1	133 - 133	AN	
IA14	1	134 - 134	AN	
IA15	1	135 - 135	AN	
IA16	1	136 - 136	AN	

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
File name: EF96_ACP.DAT - Part A: 1996 Fall enrollments by Race-ethnicity and Major field of study for Selected Instructional Programs (collected in even numbered years only)				
Note: This file contains the originally reported and imputed race-ethnicity data. The race/unknown categories and balance columns are not distributed to the race-ethnic categories. Therefore grand totals are computed as follows:				
Men: EFRACE15 = EFRACE01+EFRACE03+EFRACE05+EFRACE07+EFRACE09+EFRACE11+EFRACE13+BALMEN;				
Women: EFRACE16 = EFRACE02+EFRACE04+EFRACE06+EFRACE08+EFRACE10+EFRACE12+EFRACE14+BALWOMEN;				
UNITID	6	1 - 6	AN	This is a unique identifier for each institution.
PART	1	7 - 7	AN	"A" = Enrollment by race/ethnicity status
LINE	2	8 - 9	AN	Year of study by level of student (see survey form or Appendix B)
LSTUDY	1	10 - 10	AN	Level of study - Part A only "A" = Undergraduates - All forms "B" = First-professional students, "EF1" and "CN" "C" = Graduate students, "EF1" and "CN" "D" = Total postbaccalaureate, "EF1"
SECTION	2	11 - 12	AN	Attendance status-Part A only 01 = Full-time students 02 = Part-time students blank = total lines on Part A
EFRACE01	6	13 - 18	N	Non-resident alien men - Column (1)
EFRACE02	6	19 - 24	N	Non-resident alien women - Column (2)
EFRACE03	6	25 - 30	N	Black non-Hispanic men - Column (3)
EFRACE04	6	31 - 36	N	Black non-Hispanic women - Column (4)
EFRACE05	6	37 - 42	N	American Indian or Alaskan Native men - Column (5)
EFRACE06	6	43 - 48	N	American Indian or Alaskan Native women - Column (6)
EFRACE07	6	49 - 54	N	Asian or Pacific Islander men - Column (7)
EFRACE08	6	55 - 60	N	Asian or Pacific Islander women - Column (8)
EFRACE09	6	61 - 66	N	Hispanic men - Column (9)
EFRACE10	6	67 - 72	N	Hispanic women - Column (10)
EFRACE11	6	73 - 78	N	White non-Hispanic men - Column (11)
EFRACE12	6	79 - 84	N	White non-Hispanic women - Column (12)
EFRACE13	6	85 - 90	N	Race-ethnicity unknown men - Column (13)
EFRACE14	6	91 - 96	N	Race-ethnicity unknown women - Column (14)
EFRACE15	6	97 - 102	N	Total men - Column (15)
EFRACE16	6	103 - 108	N	Total women - Column (16)
BALMEN	6	109 - 114	N	Balance col. for men - (col16) - (col1+col3+...+col13)
BALWOMEN	6	115 - 120	N	Balance col. for women - (col16) - (col2+col4+...+col14)
CIPCODE	7	121 - 127	AN	Classification of instruction program code (see appendix B)
IA01	1	128 - 128	AN	Item imputation Flags (see appendix A. ICD list 7)
IA02	1	129 - 129	AN	
IA03	1	130 - 130	AN	
IA04	1	131 - 131	AN	
IA05	1	132 - 132	AN	
IA06	1	133 - 133	AN	
IA07	1	134 - 134	AN	
IA08	1	135 - 135	AN	
IA09	1	136 - 136	AN	
IA10	1	137 - 137	AN	
IA11	1	138 - 138	AN	
IA12	1	139 - 139	AN	
IA13	1	140 - 140	AN	
IA14	1	141 - 141	AN	
IA15	1	142 - 142	AN	
IA16	1	143 - 143	AN	

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
File name: EF96_ARK.DAT - Part A: 1996 Fall enrollments by Race-ethnicity (RAKED ANALYSIS FILE)				
Summary page CIP=99.0000 EF1, EF2 AND Consolidated (CN) survey forms				
Note: This file contains the adjusted race-ethnicity data. The race/unknown categories and balance columns are distributed across the race-ethnicity categories. (See methodology).				
Total men: EFRACE15 = EFRACE01+EFRACE03+EFRACE05+EFRACE07+EFRACE09+EFRACE11;				
Total Women: EFRACE16 = EFRACE02+EFRACE04+EFRACE06+EFRACE08+EFRACE10+EFRACE12 ;				
NCES publications are based on this file.				
UNITID	6	1 - 6	AN	This is a unique identifier for each institution.
PART	1	7 - 7	AN	"A" = Enrollment by race/ethnicity status
LINE	2	8 - 9	AN	Year of study by level of student (see survey form or Appendix B)
LSTUDY	1	10 - 10	AN	Level of study - Part A only "A" = Undergraduates - All forms "B" = First-professional students, "EF1" and "CN" "C" = Graduate students, "EF1" and "CN" "D" = Total postbaccalaureate, "EF1"
SECTION	2	11 - 12	AN	Attendance status-Part A only 01 = Full-time students 02 = Part-time students blank = total lines on Part A
EFRACE01	6	13 - 18	N	Non-resident alien men - Column (1)
EFRACE02	6	19 - 24	N	Non-resident alien women - Column (2)
EFRACE03	6	25 - 30	N	Black non-Hispanic men - Column (3)
EFRACE04	6	31 - 36	N	Black non-Hispanic women - Column (4)
EFRACE05	6	37 - 42	N	American Indian or Alaskan Native men - Column (5)
EFRACE06	6	43 - 48	N	American Indian or Alaskan Native women - Column (6)
EFRACE07	6	49 - 54	N	Asian or Pacific Islander men - Column (7)
EFRACE08	6	55 - 60	N	Asian or Pacific Islander women - Column (8)
EFRACE09	6	61 - 66	N	Hispanic men - Column (9)
EFRACE10	6	67 - 72	N	Hispanic women - Column (10)
EFRACE11	6	73 - 78	N	White non-Hispanic men - Column (11)
EFRACE12	6	79 - 84	N	White non-Hispanic women - Column (12)
EFRACE13	6	85 - 90	N	Original race-ethnicity unknown men - Column (13)
EFRACE14	6	91 - 96	N	Original race-ethnicity unknown women - Column (14)
EFRACE15	6	97 - 102	N	Total men - Column (15)
EFRACE16	6	103 - 108	N	Total women - Column (16)
BALMEN	6	109 - 114	N	Original balance men
BALWOMEN	6	115 - 120	N	Original balance women
IA01	1	121 - 121	AN	Item imputation Flags (see appendix A. ICD list 7)
IA02	1	122 - 122	AN	
IA03	1	123 - 123	AN	
IA04	1	124 - 124	AN	
IA05	1	125 - 125	AN	
IA06	1	126 - 126	AN	
IA07	1	127 - 127	AN	
IA08	1	128 - 128	AN	
IA09	1	129 - 129	AN	
IA10	1	130 - 130	AN	
IA11	1	131 - 131	AN	
IA12	1	132 - 132	AN	
IA13	1	133 - 133	AN	
IA14	1	134 - 134	AN	
IA15	1	135 - 135	AN	
IA16	1	136 - 136	AN	

Notes: Distribution of race-ethnicity unknown and balance columns were not done by Major Field of Study.

Race-ethnicity unknown and balance variables are left on this file to enable users to identify records that contain data for race-ethnicity unknown or balance without using the original data file.

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
File name: EF96_C.DAT - Part C: 1996 Fall enrollments of First-time Freshman by Residence (EF1 and EF2 only)				
(collected in even numbered years only).				
UNITID	6	1 - 6	AN	This is a unique identifier for each institution.
PART	1	7 - 7	AN	"C" = Enrollments of 1st-time freshman by residence
LINE	2	8 - 9	AN	State of Residence (see survey form or appendix B.)
EFRES01	6	10 - 15	N	Total 1st-time freshman (degree seeking only) (col 1)
EFRES02	6	16 - 21	N	1st-time freshman graduating High School in past 12 months (col 2)
CENTERS	1	22 - 22	AN	Location of out-of-state-centers
IC01	1	23 - 23	AN	Item imputation flags (see appendix A. ICD list 7)
IC02	1	24 - 24	AN	

File name: EF96_D.DAT - Part D: 1996 Fall enrollments Clarifying Questions (EF1 and EF2 only)

UNITID	6	1 - 6	AN	This is a unique identifier for each institution
PART	1	7 - 7	AN	"D" = Clarifying questions
D1AFT	6	8 - 13	N	Full-time students enrolled exclusively in remedial courses? - Column 1
D1APT	6	14 - 19	N	Part-time students enrolled exclusively in remedial courses? - Column 2
D1BFT	6	20 - 25	N	Full-time students enrolled in remedial course included in Part A enrollment. Col 1
D1BPT	6	26 - 31	N	Part-time students enrolled in remedial course included in Part A enrollment. Col 2
D2AMARK	1	32 - 32	AN	Does this institution have an extension division/program that operates independently of the main academic portion of the institution? Blank = no response 1 = No extension division 2 = Yes (operates independently of main institution) 3 = No (operates within main institution)
D2BFT	6	33 - 38	N	Full-time students enrolled exclusively in the extension division or program? Col 1
D2BPT	6	39 - 44	N	Part-time students enrolled exclusively in the extension division or program? Col 2
D2CFT	6	45 - 50	N	Full-time students enrolled in extension divisions included in Part A enrollment Col 1
D2CPT	6	51 - 56	N	Part-time students enrolled in extension divisions included in Part A enrollment Col 2
D3AFT	6	57 - 62	N	Full-time undergraduates enrolled exclusively-branch campuses-foreign countries C1
D3APT	6	63 - 68	N	Part-time undergraduates enrolled exclusively-branch campuses-foreign countries C2
D3BFT	6	69 - 74	N	Full-time 1st-professionals enrolled exclusively-branch campuses-foreign cntrys C1
D3BPT	6	75 - 80	N	Part-time 1st-professionals enrolled exclusively-branch campuses in foreign cntrys C2
D3CFT	6	81 - 86	N	Full-time graduates enrolled exclusively in branch campuses in foreign countries Col 1
D3CPT	6	87 - 92	N	Part-time graduates enrolled exclusively in branch campuses in foreign countries Col 2
				Degree seeking student only (collected in even numbered years only)
D41	6	93 - 98	N	First-time undergraduate transfers from in-state. column 1
D42	6	99 - 104	N	First-time undergraduate transfers from out-of-state. column 2
D43	6	105 - 110	N	First-time undergraduate transfers from Out-of-country. column 3
				EF1 form only
D51	6	111 - 116	N	First-time first-professional transfers from in-state. column 1
D52	6	117 - 122	N	First-time first-professional transfers from out-of-state. column 2
D53	6	123 - 128	N	First-time first-professional transfers from out-of-country. column 3
D61	6	129 - 134	N	First-time graduate transfers from in-state. column 1
D62	6	135 - 140	N	First-time graduate transfers from out-of-state. column 2
D63	6	141 - 146	N	First-time graduate transfers from out-of-country. column 3
XD1AFT	1	147 - 147	AN	Item imputation Flags (see appendix A. ICD list 7)

Record layout for the 1996 Fall enrollment data base file

Variable Name	Length	Record Position	Variable Type	Description
XD1APT	1	148 - 148	AN	
XD1BFT	1	149 - 149	AN	
XD1BPT	1	150 - 150	AN	
XD2BFT	1	151 - 151	AN	
XD2BPT	1	152 - 152	AN	
XD2CFT	1	153 - 153	AN	
XD2CPT	1	154 - 154	AN	
XD3AFT	1	155 - 155	AN	
XD3APT	1	156 - 156	AN	
XD3BFT	1	157 - 157	AN	
XD3BPT	1	158 - 158	AN	
XD3CFT	1	159 - 159	AN	
XD3CPT	1	160 - 160	AN	
XD41	1	161 - 161	AN	
XD42	1	162 - 162	AN	
XD43	1	163 - 163	AN	
XD51	1	164 - 164	AN	
XD52	1	165 - 165	AN	
XD53	1	166 - 166	AN	
XD61	1	167 - 167	AN	
XD62	1	168 - 168	AN	
XD63	1	169 - 169	AN	

Appendix A

IPEDS CODE DESCRIPTORS (ICD)

These IPEDS Code Descriptors provide information on the IPEDS survey cycles, regional accreditation, and codes for States and BEA regions.

List 1 - State Codes

STATE NAME (PO)	STABBR CODE	FIPS	BEA REGION	REGIONAL ACCREDITATION
Alabama	AL	01	5 - Southeast	SACSCC
Alaska	AK	02	8 - Far West	NWASC
Arizona	AZ	04	6 - Southwest	NCACHE,NCACOS
Arkansas	AR	05	5 - Southeast	NCACHE,NCACOS
California	CA	06	8 - Far West	WASCJC,WASCCS,WASCSR
Colorado	CO	08	7 - Rocky Mountains	NCACHE,NCACOS
Connecticut	CT	09	1 - New England	NEASCHE,NEASCTC
Delaware	DE	10	2 - Mid East	MSACHE,MSACSS
District of Columbia	DC	11	2 - Mid East	MSACHE,MSACSS
Florida	FL	12	5 - Southeast	SACSCC
Georgia	GA	13	5 - Southeast	SACSCC
Hawaii	HI	15	8 - Far West	WASCJC,WASCCS,WASCSR
Idaho	ID	16	7 - Rocky Mountains	NWASC
Illinois	IL	17	3 - Great Lakes	NCACHE,NCACOS
Indiana	IN	18	3 - Great Lakes	NCACHE,NCACOS
Iowa	IA	19	4 - Plains	NCACHE,NCACOS
Kansas	KS	20	4 - Plains	NCACHE,NCACOS
Kentucky	KY	21	5 - Southeast	SACSCC
Louisiana	LA	22	5 - Southeast	SACSCC
Maine	ME	23	1 - New England	NEASCHE,NEASCTC
Maryland	MD	24	2 - Mid East	MSACHE,MSACSS
Massachusetts	MA	25	1 - New England	NEASCHE,NEASCTC
Michigan	MI	26	3 - Great Lakes	NCACHE,NCACOS
Minnesota	MN	27	4 - Plains	NCACHE,NCACOS
Mississippi	MS	28	5 - Southeast	SACSCC
Missouri	MO	29	4 - Plains	NCACHE,NCACOS
Montana	MT	30	7 - Rocky Mountains	NWASC
Nebraska	NE	31	4 - Plains	NCACHE,NCACOS
Nevada	NV	32	8 - Far West	NWASC
New Hampshire	NH	33	1 - New England	NEASCHE,NEASCTC
New Jersey	NJ	34	2 - Mid East	MSACHE,MSACSS
New Mexico	NM	35	6 - Southwest	NCACHE,NCACOS
New York	NY	36	2 - Mid East	MSACHE,MSACSS
North Carolina	NC	37	5 - Southeast	SACSCC
North Dakota	ND	38	4 - Plains	NCACHE,NCACOS

Appendix A

List 1 - State Codes (continued)

STATE NAME (PO)	STABBR CODE	FIPS	OBE REGION	REGIONAL ACCREDITATION
Ohio	OH	39	3 - Great Lakes	NCACHE,NCACOS
Oklahoma	OK	40	6 - Southwest	NCACHE,NCACOS
Oregon	OR	41	8 - Far West	NWASC
Pennsylvania	PA	42	2 - Mid East	MSACHE,MSACSS
Rhode Island	RI	44	1 - New England	NEASCHE,NEASCTC
South Carolina	SC	45	5 - Southeast	SACSCC
South Dakota	SD	46	4 - Plains	NCACHE,NCACOS
Tennessee	TN	47	5 - Southeast	SACSCC
Texas	TX	48	6 - Southwest	SACSCC
Utah	UT	49	7 - Rocky Mountains	NWASC
Vermont	VT	50	1 - New England	NEASCHE,NEASCTC
Virginia	VA	51	5 - Southeast	SACSCC
Washington	WA	53	8 - Far West	NWASC
West Virginia	WV	54	5 - Southeast	NCACHE,NCACOS
Wisconsin	WI	55	3 - Great Lakes	NCACHE,NCACOS
Wyoming	WY	56	7 - Rocky Mountains	NCACHE,NCACOS
American Samoa	AS	60	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Federated States of Micronesia	FM	64	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Guam	GU	66	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Marshall Islands	MH	68	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Northern Marianas	MP	69	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Palau	PW	70	9 - Outlying Areas	WASCJC,WASCCS,WASCSR
Puerto Rico	PR	72	9 - Outlying Areas	MSACHE,MSACSS
Virgin Islands	VI	78	9 - Outlying Areas	MSACHE,MSACSS

Appendix A
List 2 – Bureau of Economic Analysis (BEA) Region Codes

00 - U.S. Service schools	
01 - New England	CT ME MA NH RI VT
02 - Mid East	DE DC MD NJ NY PA
03 - Great Lakes	IL IN MI OH WI
04 - Plains	IA KS MN MO NE ND SD
05 - Southeast	AL AR FL GA KY LA MS NC SC TN VA WV
06 - Southwest	AZ NM OK TX
07 - Rocky Mountains	CO ID MT UT WY
08 - Far West	AK CA HI NV OR WA
09 - Outlying Areas	AS FM GU MH MP PR PW VI

List 3 - Regional Accreditation Agency Codes (Institutional Characteristics file only)

01 - (MSACHE)	Middle States Association of Colleges and Schools, Commission on Higher Education
02 - (MSACSS)	Middle States Association of Colleges and Schools, Commission on Secondary Schools
03 - (NEASCHE)	New England Association of Schools and Colleges Commission on Institutions of Higher Education
04 - (NEASCTC)	New England Association of Schools and Colleges Commission on Technical and Career Institutions
05 - (NCACHE)	North Central Association of Colleges and Schools, Commission on Institutions of Higher Education
06 - (NCACOS)	North Central Association of Colleges and Schools, Commission on Schools
07 - (NWASC)	Northwest Association of Schools and Colleges, Commission on Colleges
08 - (SACSCC)	Southern Association of Colleges and Schools, Commission on Colleges
09 - (WASCJC)	Western Association of Schools and Colleges, Accrediting Commission for Community and Junior Colleges
10 - (WASCCS)	Western Association of Schools and Colleges, Accrediting Commission for Schools
11 - (WASCSR)	Western Association of Schools and Colleges, Accrediting Commission for Senior Colleges and Universities

Appendix A
List 4 - Locale codes - Degree of Urbanization

Codes	Definitions
b -	blank
1 -	Large City - A central city of a CMSA or MSA with the city having a population greater than or equal to 250,000.
2 -	Mid-size City - A central city of a CMSA or MSA, with the city having a population less than 250,000.
3 -	Urban Fringe of Large City - Any incorporated place, CDP, or non-place territory within a CMSA or MSA of a Large City and defined as urban by the Census Bureau.
4 -	Urban Fringe of Mid-size City - Any incorporated place, CDP, or non-place territory within a CMSA or MSA of a Large City of a Mid-size City and defined as urban by the Census Bureau
5 -	Large Town - An incorporated place or CDP with a population greater than or equal to 25,000 and located outside a CMSA or MSA.
6 -	Small Town - An incorporated place or CDP with a population less than 25,000 and greater than or equal to 2,500 and located outside a CMSA or MSA.
7 -	Rural - Any incorporated place, CDP, or non-place territory designated as rural by the Census Bureau.
9 -	Not Assigned

List 5 - Percent Minority Enrollment Codes

The percent minority enrollment variables are included in all IPEDS data files to help users classify institutions by minority enrollment characteristics. These percentages were generated from the 1994 fall enrollment data file.

Codes	Values
00	- 0% to less than .5%
01-98	- .5% to less than 98.5%
99	- 98.5% to 100%
Blank	- Percent minority was not calculated because the institution: (1) was not in the 1995 fall enrollment file; (2) or was imputed in 1995 using the mean averages of its sector; (3) did not report race-ethnicity in 1995;

Appendix A
List 6 - Historically Black Colleges and Universities (HBCU's)

UNITID	Institution Name	State	Sector
100654	Alabama A & M University	AL	1
100724	Alabama State University	AL	1
101073	Concordia College	AL	5
101462	J F Drake State Technical College	AL	4
101569	Lawson State Community College	AL	4
101675	Miles College	AL	2
101912	Oakwood College	AL	2
102030	Bishop State Community College	AL	4
102058	Selma University	AL	2
102270	Stillman College	AL	2
102298	Talladega College	AL	2
102313	Trenholm State Technical College	AL	4
102377	Tuskegee University	AL	2
106306	Arkansas Baptist College	AR	2
106412	University of Arkansas at Pine Bluff	AR	1
107600	Philander Smith College	AR	2
107840	Shorter College	AR	5
130934	Delaware State University	DE	1
131399	University of the District of Columbia	DC	1
131520	Howard University	DC	2
132602	Bethune Cookman College	FL	2
133526	Edward Waters College	FL	2
133650	Florida Agricultural and Mechanical University	FL	1
133979	Florida Memorial College	FL	2
138716	Albany State College	GA	1
138947	Clark Atlanta University	GA	2
139719	Fort Valley State College	GA	1
140146	Interdenominational Theological Center	GA	2
140553	Morehouse College	GA	2
140562	Morehouse School of Medicine/1	GA	2
140571	Morris Brown College	GA	2
140720	Paine College	GA	2
140960	Savannah State College	GA	1
141060	Spelman College	GA	2
157058	Kentucky State University	KY	1
158802	Dillard University	LA	2
159009	Grambling State University	LA	1
160621	Southern University and A & M College-Baton Rouge	LA	1
160630	Southern University-New Orleans	LA	1
160649	Southern University-Shreveport-Bossier City Campus	LA	4
160904	Xavier University	LA	2
162007	Bowie State University	MD	1
162283	Coppin State College	MD	1
163338	University of Maryland Eastern Shore	MD	1
163453	Morgan State University	MD	1
170693	Lewis College of Business	MI	5

Appendix A
List 6 - Historically Black Colleges and Universities (HBCU's) - continued

UNITID	Institution Name	State	Sector
175342	Alcorn State University	MS	1
175519	Coahoma Community College	MS	4
175768	Hinds Community College-Utica Campus	MS	4
175856	Jackson State University	MS	1
175926	Mary Holmes College	MS	5
176044	Mississippi Valley State University	MS	1
176318	Rust College	MS	2
176406	Tougaloo College	MS	2
177551	Harris-Stowe State College	MO	1
177940	Lincoln University	MO	1
197948	Barber-Scotia College	NC	2
197993	Bennett College	NC	2
198507	Elizabeth City State University	NC	1
198543	Fayetteville State University	NC	1
198756	Johnson C Smith University	NC	2
198862	Livingstone College	NC	2
199102	North Carolina Agricultural & Technical State University	NC	1
199157	North Carolina Central University	NC	1
199582	Saint Augustine's College	NC	2
199643	Shaw University	NC	2
199999	Winston-Salem State University	NC	1
201690	Central State University	OH	1
206491	Wilberforce University	OH	2
207209	Langston University	OK	1
211608	Cheyney University of Pennsylvania	PA	1
213598	Lincoln University	PA	1
217624	Allen University	SC	2
217721	Benedict College	SC	2
217873	Clafflin College	SC	2
217891	Clinton Junior College/2	SC	5
217989	Denmark Technical College	SC	4
218399	Morris College	SC	2
218733	South Carolina State University	SC	1
218919	Voorhees College	SC	2
220181	Fisk University	TN	2
220561	Knoxville College	TN	2
220598	Lane College	TN	2
220604	Le Moyne-Owen College	TN	2
220792	Meharry Medical College	TN	2
221838	Tennessee State University	TN	1
225575	Huston-Tillotson College	TX	2
225885	Jarvis Christian College	TX	2
227429	Paul Quinn College	TX	2
227526	Prairie View A & M University	TX	1
227854	St Philips College	TX	4
228486	Southwestern Christian College	TX	2

Appendix A
List 6 - Historically Black Colleges and Universities (HBCU's) - continued

UNITID	Institution Name	State	Sector
228884	Texas College	TX	2
229063	Texas Southern University	TX	1
229887	Wiley College	TX	2
232265	Hampton University	VA	2
232937	Norfolk State University	VA	1
233499	Saint Paul's College	VA	2
234155	Virginia State University	VA	1
234164	Virginia Union University	VA	2
237215	Bluefield State College	WV	1
237899	West Virginia State College	WV	1
243665	University of the Virgin Islands	VI	1

1/ Exempt from Faculty Salary Survey

2/ Institution is not on the Faculty Salary file because it is a 2-year institution and is not accredited at the college level.

Appendix A

List 7 - Carnegie Foundation Classification Codes

The 1994 classification system created by the Carnegie Foundation for the Advancement of Teaching is included in the IPEDS data files to help users of this information further delineate institutions by type. This classification, which dates back to 1970, currently includes approximately 3,600 colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the Secretary, U.S. Department of Education. The 10 categories that make up the new classification scheme are based largely on academic mission and are **not** intended to measure quality. Institutions are classified according to their highest level of offering, the number of degrees conferred by discipline, and the amount of federal support for research received by the institution. Some categories also rely on the selectivity of the institution's admissions.

Information provided by the Carnegie Foundation was matched against the IPEDS "Institutional Characteristics" file and the codes are indicated in the institutional listings where matches were certain. It is important for users to note that IPEDS includes separate listings for all branches of an institution, whereas, in some instances, Carnegie lists only one campus (which encompasses the main campus and all branches). Each of the categories, and the coding scheme used in this file, are explained below:

11 - RESEARCH UNIVERSITIES I

These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually \$40 million or more in federal support.

12 - RESEARCH UNIVERSITIES II

These institutions offer a full range of baccalaureate programs, are committed to graduate education through the doctorate, and give high priority to research. They award 50 or more doctoral degrees each year. In addition, they receive annually between \$15.5 million and \$40 million in federal support.

13 - DOCTORAL UNIVERSITIES I

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award at least 40 doctoral degrees annually in five or more disciplines.

14 - DOCTORAL UNIVERSITIES II

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the doctorate. They award annually at least 10 doctoral degrees (in three or more disciplines), or 20 or more doctoral degrees in one or more disciplines.

21 - MASTER'S (COMPREHENSIVE) UNIVERSITIES AND COLLEGES I

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 40 or more master's degrees annually in three or more disciplines.

Appendix A
List 7 – Carnegie Foundation Classification Codes – continued

22 - MASTER'S (COMPREHENSIVE) UNIVERSITIES AND COLLEGES II

These institutions offer a full range of baccalaureate programs and are committed to graduate education through the master's degree. They award 20 or more master's degrees annually in one or more disciplines.

31 - BACCALAUREATE (LIBERAL ARTS) COLLEGES I

These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award 40 percent or more of their baccalaureate degrees in liberal arts fields and are restrictive in admissions.

32 - BACCALAUREATE COLLEGES II

These institutions are primarily undergraduate colleges with major emphasis on baccalaureate degree programs. They award less than 40 percent of their baccalaureate degrees in liberal arts fields or are less restrictive in admissions.

40 - ASSOCIATE OF ARTS COLLEGES

These institutions offer associate of arts certificate or degree programs and, with few exceptions, offer no baccalaureate degrees.

SPECIALIZED INSTITUTIONS

These institutions offer degrees ranging from the baccalaureate to the doctorate. At least 50 percent of the degrees awarded by these institutions are in a single discipline.

- 51 - Theological seminaries, Bible colleges and other institutions offering degrees in religion:** This category includes institutions at which the primary purpose is to offer religious instruction or train members of the clergy.
- 52 - Medical schools and medical centers:** These institutions award most of their professional degrees in medicine. In some instances, their programs include other health professional schools, such as dentistry, pharmacy, or nursing.
- 53 - Other separate health profession schools:** Institutions in this category award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.
- 54 - Schools of engineering and technology:** The institutions in this category award at least a bachelor's degree in programs limited almost exclusively to technical fields of study.
- 55 - Schools of business and management:** The schools in this category award most of their bachelor's or graduate degrees in business or business-related programs.

Appendix A

List 7 – Carnegie Foundation Classification Codes – continued

- 56 - **Schools of art, music, and design:** Institutions in this category award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.
- 57 - **Schools of law:** The schools in this category award most of their degrees in law. The list includes only institutions that are separate entities or campuses.
- 58 - **Teachers colleges:** Institutions in this category award most of their bachelor's or graduate degrees in education or education-related fields.
- 59 - **Other specialized institutions:** Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.
- 60 - **Tribal colleges:** These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.

List 8 - Data source - Medium used to collect data

- b - Not returned
- 1 - Internet
- 2 - Tape
- 3 - Diskette
- 4 - Form
- 5 - Form Facsimile
- 6 - PETS
- 7 - Other

Appendix A

List 9 -Highest Degree Offered

- 00 - Non-Degree Granting (Certificates only)
- 01 - First-professional degrees only
- 10 - Doctoral
- 11 - Doctoral and First-professional
- 20 - Master's
- 21 - Master's and First-professional
- 30 – Bachelor's
- 31 – Bachelor's and First-professional
- 40 – Associate's
- 41 – Associate's and First-professional

Appendix A
List 10 -Item Imputation Flag Descriptors

- N - Original data field was blank (nonresponse)
- R - Original data value was a reported value, including reported zero
- A - Analyst adjusted a reported value
- C - Analyst corrected a cell that was previously a nonresponse
- P - Imputation for a cell that was previously a nonresponse, using prior year data as the base for imputation
- Q - Imputation for a cell that was previously reported, using prior year data as the base for imputation
- I - Imputation for a cell that was previously a nonresponse, using a method other than prior year
- X - Imputation for a cell that was previously reported, using a method other than prior year
- S - Details are adjusted (raked) to sum to the total
- T - Total adjusted to equal the sum of the detail
- U - Library data unavailable
- Z - Implied reported zero
- M - Data moved from one part of survey form to a corresponding field in another part of the survey.
- G - Data generated from other data values by the machine edits.
- D - Data suppressed due to disclosure considerations.
- J - Analyst adjusted reported value during scan edit of survey form

Appendix B
List 1 - Crosswalk for Consolidated/Fall Enrollment Surveys Part A

Line Number	EF1 survey form	EF2 survey form	Consolidated survey/1
	Full-time undergraduates	Full-time students	Full-time undergraduate
	Degree seeking	Degree seeking	
01	First-time Freshman	First-time first-year	First-time
02	Other first year	All other first-year	
03	Second year	All other students	All other students
04	Third year		
05	Fourth year and beyond		
06	Unclassified by level		
07	All other undergraduates enrolled in credit courses	All other credit students	
08	Total full-time undergraduates	Total Full-time students	Total Full-time students
	Full-time First-professional		
09	First-time		
10	all other		
	Full-time graduate		Full-time Graduate
	Degree seeking		
11	First-time		First-time
12	All other degree seeking		All other students
	All other graduates enrolled in credit courses		
13			
14	Total full-time post-baccalaureate		
	Part-time undergraduates	Part-time students	Part-time undergraduate
	Degree-seeking	Degree seeking	
15	First-time Freshman	First-time first-year	First-time
16	Other first year	All other first-year	
17	Second year	All other students	All other students
18	Third year		
19	Fourth year and beyond		
20	Unclassified by level		
21	All other undergraduates enrolled in credit courses	All other credit students	
22	Total part-time undergraduates	Total Part-time students	Total Part-time students
	Part-time First-professional		
23	First-time		
24	all other		
	Part-time graduate		Part-time graduate students
	Degree seeking		
25	First-time		First-time
26	All other degree seeking		All other students
	All other graduates enrolled in credit courses		
27			
28	Total part-time post-baccalaureate		
29	Grand total of all students	Grand total of all students	Grand total of all students

1/ Institutions responding to the CN survey were asked to report enrollment data for first-time students and all other students by full- and part-time status. If the institution was a 4-year institution the enrollment data were moved to the graduate level. For all other institutions the enrollment data were moved to the undergraduate level.

Appendix B
List 2 - CIP Codes for Major Field of Study EF1 Only Part A

CIP Code	Major Field
13.0000	Education
14.0000	Engineering
22.0101	Law
26.0000	Biological Sciences/Life Sciences
27.0000	Mathematics
40.0000	Physical Sciences
51.0401	Dentistry
51.1201	Medicine
52.0000	Business Management and Administrative Services
99.0000	Summary page (Total Enrollment)

List 3 - Codes for Age Categories for EF1 and EF2 Surveys Part B

Line Number	EF1 and EF2 survey form
	Full-time students
01	Under 18
02	18-19
03	20-21
04	22-24
05	25-29
06	30-34
07	35-39
08	40-49
09	50-64
10	65 and over
11	Age unknown
12	Total Full-time students
	Part-time students
13	Under 18
14	18-19
15	20-21
16	22-24
17	25-29
18	30-34
19	35-39
20	40-49
21	50-64
22	65 and over
23	Age unknown
24	Total Part-time students
25	Grand total all students

Appendix B
List 4 - State residence codes for EF1 and EF2 Surveys Part C

Line Number	State of Residence
01	Alabama
02	Alaska
04	Arizona
05	Arkansas
06	California
08	Colorado
09	Connecticut
10	Delaware
11	District of Columbia
12	Florida
13	Georgia
15	Hawaii
16	Idaho
17	Illinois
18	Indiana
19	Iowa
20	Kansas
21	Kentucky
22	Louisiana
23	Maine
24	Maryland
25	Massachusetts
26	Michigan
27	Minnesota
28	Mississippi
29	Missouri
30	Montana
31	Nebraska
32	Nevada
33	New Hampshire
34	New Jersey
35	New Mexico
36	New York
37	North Carolina
38	North Dakota
39	Ohio
40	Oklahoma
41	Oregon
42	Pennsylvania
44	Rhode Island

Appendix B

List 4 - State residence codes for EF1 and EF2 Surveys Part C - continued

Line Number	State of Residence
45	South Carolina
46	South Dakota
47	Tennessee
48	Texas
49	Utah
50	Vermont
51	Virginia
53	Washington
54	West Virginia
55	Wisconsin
56	Wyoming
60	American Samoa
64	Federated States of Micronesia
66	Guam
68	Marshall Islands
69	Northern Marianas
70	Palau
72	Puerto Rico
78	Virgin Islands
90	Foreign Countries
98	Balance line/1
99	Grand Total

1/ A balance line was generated when the institution did not respond to the residence by state data and the residence by state data could not be imputed because the institution did not report residence and migration data in 1994. The balance line is equal to the grand total for such cases.

Appendix C - Summary Tables

Part A - File EF96_ANR.DAT Enrollment Summary by Reported Racial/Ethnic Category, Fall 1996

50 states and the District of Columbia and outlying areas

All students enrolled for credit	Nonresident Alien		Black non-Hispanic		American Indian Alaskan Native		Asian or Pacific Islander		Hispanic		White non-Hispanic		Race/ethnicity unknown		Grand Total All students		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
	Full-time Students																
A. Undergraduates																	
1. Degree seeking																	
1 (a) First-time freshman	21,242	18,537	97,072	156,475	8,618	11,219	48,880	53,810	88,730	125,970	615,150	735,752	32,447	35,168	913,000	1,138,522	(861,1,591)
2 (b) Other first-year	18,471	15,546	64,777	104,079	5,943	8,097	33,283	31,763	58,036	78,121	346,369	391,387	13,250	14,569	540,136	643,574	(7, 12)
3 (c) Second year	24,578	21,059	68,368	117,860	6,940	10,402	47,090	50,650	62,754	91,013	560,094	686,137	16,066	19,274	785,881	996,413	(-9, 18)
4 (d) Third year	20,278	15,611	40,064	63,607	3,734	4,868	34,953	37,100	35,151	48,110	383,856	440,373	13,298	14,726	531,328	624,395	(-6, 0)
5 (e) Fourth year and beyond	24,155	18,031	42,371	67,495	4,115	5,520	41,376	41,429	39,991	52,945	433,831	498,993	14,841	15,453	600,677	699,863	(-3, -3)
6 (f) Unclassified by level	1,381	1,263	1,235	2,406	65	120	473	474	676	1,025	7,797	10,245	906	1,875	12,531	17,406	(-2, -2)
7 2. Non-degree seeking	6,086	6,961	12,388	17,586	1,385	1,701	8,325	8,355	12,574	16,171	79,231	85,018	5,878	5,473	125,870	141,274	(3, 9)
8 Total Full-time Undergraduates	116,191	97,008	326,275	529,508	30,800	41,927	214,380	223,581	297,912	413,355	2,426,328	2,847,905	96,686	106,538	3,509,423	4,261,447	(851,1,625)
B. First-professional students																	
9 1. First-time	1,462	829	2,294	2,878	301	266	4,270	3,820	2,615	2,304	32,300	22,961	1,648	1,189	44,890	34,246	(0, -1)
10 2. All other first professional	3,420	1,579	5,462	7,409	728	588	11,049	9,381	5,333	4,489	82,484	54,974	2,804	1,991	111,280	80,410	(0, -1)
C. Graduate students																	
1. Degree seeking																	
11 (a) First-time	27,393	16,009	5,473	9,632	465	691	5,738	6,315	4,767	6,194	62,350	77,984	6,392	5,763	112,578	122,587	(0, -1)
12 (b) all other degree seeking	58,520	31,199	9,855	18,229	989	1,374	10,757	10,728	8,468	11,327	130,754	151,294	9,069	9,687	228,410	233,841	(-2, 3)
13 2. Non-degree seeking	2,324	1,608	1,152	2,095	121	206	1,974	2,049	1,277	2,125	12,339	17,712	1,305	1,866	20,492	27,661	
14 Total Full-time Post-Baccalaureate	93,119	51,224	24,236	40,243	2,604	3,125	33,788	32,293	22,460	26,439	320,227	324,925	21,218	20,496	517,650	498,745	(-2, 0)
Part-time Students																	
A. Undergraduates																	
1. Degree seeking																	
15 (a) First-time freshman	4,038	4,769	30,861	45,978	3,834	4,771	15,672	16,744	37,361	45,758	176,348	219,828	15,619	17,649	287,037	357,740	(3,304,2,243)
16 (b) Other first-year	8,351	8,952	57,223	103,593	5,437	8,207	37,795	40,874	73,528	95,128	325,314	476,217	18,832	23,500	526,464	756,468	(-16, -3)
17 (c) Second year	5,113	5,712	40,591	86,673	4,003	7,353	22,280	25,422	48,477	69,096	290,981	462,221	10,521	16,021	421,968	672,514	(2, 16)
18 (d) Third year	1,523	1,433	9,536	20,318	764	1,310	5,565	6,033	10,507	14,740	72,392	110,841	4,257	6,958	104,545	161,631	(1, -2)
19 (e) Fourth year and beyond	4,818	3,911	15,730	28,488	1,393	1,929	11,977	11,284	17,757	23,181	146,044	180,329	6,967	8,478	204,687	257,609	(1, 9)
20 (f) Unclassified by level	1,166	1,111	2,869	5,311	352	490	1,558	1,821	1,685	2,225	33,963	50,057	8,379	9,915	49,983	70,930	(11, 0)
21 2. Non-degree seeking	8,113	10,959	43,300	67,376	5,886	8,519	33,071	41,022	53,177	66,878	389,396	534,595	72,948	62,593	605,891	791,946	(0, 4)
22 Total Part-time Undergraduates	33,122	36,847	200,110	357,737	21,669	32,579	127,918	143,200	242,492	317,006	1,434,438	2,034,088	137,523	145,114	2,200,575	3,068,838	(3,303,2,267)
B. First-professional students																	
23 1. First-time	97	52	480	489	35	37	388	230	362	292	4,349	2,866	145	97	5,857	4,063	(1, 0)
24 2. All other first professional	252	116	1,019	1,085	75	63	770	447	675	579	10,399	6,367	355	160	13,538	8,817	(-7, 0)
C. Graduate students																	
1. Degree seeking																	
25 (a) First-time	4,003	3,053	3,892	8,537	272	432	2,834	2,849	3,393	5,915	42,046	63,113	4,951	7,314	61,379	91,213	(-12, 0)
26 (b) all other degree seeking	22,315	13,216	13,483	28,957	1,109	1,654	11,945	10,932	10,481	16,245	192,642	273,752	16,019	19,390	267,979	364,158	(-15, 12)
27 2. Non-degree seeking	2,340	2,107	5,209	13,327	417	716	3,532	4,064	3,763	7,217	56,105	115,310	7,367	12,462	78,736	155,214	(3, 11)
28 Total Part-time Post-Baccalaureate	29,007	18,544	24,083	52,395	1,908	2,902	19,469	18,522	18,674	30,248	305,541	461,408	28,837	39,423	427,489	623,465	(-30, 23)
29 Grand total all students	271,439	203,623	574,704	979,883	56,981	80,533	395,555	417,596	581,538	787,048	4,486,534	5,668,326	284,264	311,571	6,655,137	8,452,495	(4,122,3,915)

Notes: Balance, if any is printed in right hand margin within parenthesis.

Grand total is equal to the sum of Non-resident Alien, Black non-Hispanic, American Indian or Alaskan Native, Asian or Pacific Islander, Hispanic, White non-Hispanic, Race/ethnicity unknown and Balance.

Source: Table was produced using the original data file, EF96_ANR.DAT.

Appendix C - Summary Tables

Part A - File EF96_ARK.DAT Enrollment Summary by Adjusted (raked) Racial/Ethnic Category, Fall 1996

50 states and the District of Columbia and outlying areas

All students enrolled for credit	Nonresident Alien		Black non-Hispanic		American Indian Alaskan Native		Asian or Pacific Islander		Hispanic		White non-Hispanic		Race/ethnicity unknown		Grand Total All students		
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	
	Full-time Students																
A. Undergraduates																	
1. Degree seeking																	
1 (a) First-time freshman	21,267	18,555	100,363	161,458	8,998	11,491	51,427	56,363	92,614	130,654	638,331	760,001	32,447	35,168	913,000	1,138,522	(2,617,5,845)
2 (b) Other first-year	18,471	15,546	66,253	106,211	6,059	8,237	34,570	32,950	59,580	80,123	355,203	400,507	13,250	14,569	540,136	643,574	(7, 12)
3 (c) Second year	24,577	21,059	69,628	119,917	7,036	10,536	48,621	52,320	64,046	92,815	571,973	699,766	16,066	19,274	785,881	996,413	(376, 822)
4 (d) Third year	20,278	15,612	40,945	64,974	3,834	4,988	36,554	38,692	36,326	49,634	393,391	450,495	13,298	14,726	531,328	624,395	(-6, 0)
5 (e) Fourth year and beyond	24,160	18,031	43,219	68,732	4,237	5,648	43,325	43,200	41,262	54,381	444,474	509,871	14,841	15,453	600,677	699,863	(-3, -3)
6 (f) Unclassified by level	1,381	1,263	1,309	2,764	66	130	510	514	713	1,139	8,552	11,596	906	1,875	12,531	17,406	(-2, -2)
7 2. Non-degree seeking	6,086	6,961	12,728	18,086	1,460	1,756	8,820	8,826	13,045	16,718	83,731	88,927	5,878	5,473	125,870	141,274	(3, 9)
8 Total Full-time Undergraduates	116,220	97,027	334,445	542,142	31,690	42,786	223,827	232,865	307,586	425,464	2,495,655	2,921,163	96,686	106,538	3,509,423	4,261,447	(2,992,6,683)
B. First-professional students																	
9 1. First-time	1,462	829	2,371	2,975	316	274	4,501	4,005	2,732	2,406	33,508	23,757	1,648	1,189	44,890	34,246	(0, -1)
10 2. All other first professional	3,420	1,579	5,609	7,592	755	603	11,434	9,699	5,503	4,625	84,559	56,312	2,804	1,991	111,280	80,410	(0, -1)
C. Graduate students																	
1. Degree seeking																	
11 (a) First-time	27,393	16,009	5,805	10,060	500	717	6,437	6,776	5,180	6,535	67,263	82,490	6,392	5,763	112,578	122,587	(0, -1)
12 (b) all other degree seeking	58,520	31,200	10,395	19,000	1,043	1,448	11,516	11,386	8,948	11,856	137,988	158,951	9,069	9,687	228,410	233,841	(-2, 3)
13 2. Non-degree seeking	2,324	1,608	1,231	2,188	129	221	2,122	2,209	1,402	2,325	13,284	19,110	1,305	1,866	20,492	27,661	
14 Total Full-time Post-Baccalaureate	93,119	51,225	25,411	41,815	2,743	3,263	36,010	34,075	23,765	27,747	336,602	340,620	21,218	20,496	517,650	498,745	(-2, 0)
Part-time Students																	
A. Undergraduates																	
1. Degree seeking																	
15 (a) First-time freshman	4,052	4,773	32,475	48,025	4,065	5,010	17,075	18,076	39,339	47,827	190,031	234,029	15,619	17,649	287,037	357,740	(4,819,5,525)
16 (b) Other first-year	8,351	8,952	59,148	106,505	5,629	8,450	39,758	42,742	76,496	98,637	337,082	491,182	18,832	23,500	526,464	756,468	(-16, -3)
17 (c) Second year	5,113	5,712	41,519	88,504	4,075	7,465	23,052	26,258	49,649	70,714	298,560	473,861	10,521	16,021	421,968	672,514	(84, 216)
18 (d) Third year	1,523	1,433	9,904	21,067	791	1,344	5,919	6,380	10,857	15,256	75,551	116,151	4,257	6,958	104,545	161,631	(1, -2)
19 (e) Fourth year and beyond	4,818	3,912	16,228	29,246	1,436	1,989	12,653	11,866	18,318	23,796	151,234	186,800	6,967	8,478	204,687	257,609	(1, 9)
20 (f) Unclassified by level	1,167	1,111	3,405	6,171	417	583	1,971	2,238	2,128	2,572	40,895	58,255	8,379	9,915	49,983	70,930	(11, 0)
21 2. Non-degree seeking	8,113	10,959	49,697	72,238	6,317	9,015	36,208	44,346	56,662	70,350	448,894	585,038	72,948	62,593	605,891	791,946	(0, 4)
22 Total Part-time Undergraduates	33,137	36,852	212,376	371,756	22,730	33,856	136,636	151,906	253,449	329,152	1,542,247	2,145,316	137,523	145,114	2,200,575	3,068,838	(4,900,5,749)
B. First-professional students																	
23 1. First-time	97	52	495	499	36	37	395	236	370	296	4,464	2,943	145	97	5,857	4,063	(1, 0)
24 2. All other first professional	252	116	1,040	1,098	77	65	791	457	691	587	10,687	6,494	355	160	13,538	8,817	(-7, 0)
C. Graduate students																	
1. Degree seeking																	
25 (a) First-time	4,001	3,053	4,162	9,118	282	448	3,170	3,147	3,606	6,209	46,158	69,238	4,951	7,314	61,379	91,213	(-12, 0)
26 (b) all other degree seeking	22,314	13,218	14,213	30,270	1,200	1,748	12,866	11,672	11,341	16,996	206,045	290,254	16,019	19,390	267,979	364,158	(-15, 12)
27 2. Non-degree seeking	2,340	2,107	5,616	14,080	448	762	3,988	4,492	4,115	7,784	62,229	125,989	7,367	12,462	78,736	155,214	(3, 11)
28 Total Part-time Post-Baccalaureate	29,004	18,546	25,526	55,065	2,043	3,060	21,210	20,004	20,123	31,872	329,583	494,918	28,837	39,423	427,489	623,465	(-30, 23)
29 Grand total all students	271,480	203,650	597,758	1,010,778	59,206	82,965	417,683	438,850	604,923	814,235	4,704,087	5,902,017	284,264	311,571	6,655,137	8,452,495	(4,123,3,911)

Notes: Balance, if any is printed in right hand margin within parenthesis.

Balance and race-ethnicity unknown were distributed among the race-ethnicity categories, therefore the grand total is equal to the sum of Non-resident Alien, Black non-Hispanic, American Indian or Alaskan Native, Asian or Pacific Islander, Hispanic, White non-Hispanic.

Source: Table was produced using the adjusted (raked analysis) data file, EF96_ARK.DAT.

Part C - File EF96_C.DAT Enrollment Summary of Residence of First-time Freshman, Fall 1996

50 states and the District of Columbia and outlying areas

State of residence when student was first admitted	Line No.	Total first-time first year (degree-seeking only) (1)	From column (1), those graduated from high school in the past 12 months (2)
Alabama	01	33,111	23,553
Alaska	02	3,415	2,507
Arizona	04	30,460	15,693
Arkansas	05	17,848	13,484
California	06	280,690	189,566
Colorado	08	29,905	18,236
Connecticut	09	25,705	19,864
Delaware	10	6,238	4,731
District of Columbia	11	2,899	2,278
Florida	12	69,709	50,550
Georgia	13	57,403	35,919
Hawaii	15	9,999	7,042
Idaho	16	10,453	6,944
Illinois	17	115,780	77,201
Indiana	18	45,821	35,143
Iowa	19	34,999	21,877
Kansas	20	26,136	16,974
Kentucky	21	27,573	20,993
Louisiana	22	30,886	24,128
Maine	23	9,699	7,434
Maryland	24	37,497	27,727
Massachusetts	25	53,102	41,509
Michigan	26	76,182	55,632
Minnesota	27	50,784	29,127
Mississippi	28	25,626	17,161
Missouri	29	36,156	27,595
Montana	30	8,320	5,852
Nebraska	31	16,610	12,337
Nevada	32	7,490	4,399
New Hampshire	33	9,252	6,843
New Jersey	34	67,650	51,928
New Mexico	35	13,090	9,203
New York	36	156,222	115,098
North Carolina	37	46,079	32,402
North Dakota	38	7,361	5,941
Ohio	39	88,390	63,537
Oklahoma	40	28,064	16,573
Oregon	41	21,249	14,941
Pennsylvania	42	96,537	71,353
Rhode Island	44	8,214	5,954
South Carolina	45	28,250	19,572
South Dakota	46	6,007	4,571
Tennessee	47	33,975	26,387
Texas	48	137,658	97,806
Utah	49	20,079	14,021
Vermont	50	4,641	3,321
Virginia	51	42,504	34,323
Washington	53	88,518	30,720
West Virginia	54	14,066	10,552
Wisconsin	55	49,743	33,491
Wyoming	56	4,488	3,148
State unknown	57	30,404	11,176
American Samoa	60	61	40
Federated States of Guam	64 66	2,504 625	1,078 433
Marshall Islands	68	127	115
Northern Marianas	69	125	109
Palau	70	137	114
Puerto Rico	72	35,898	32,658
Virgin Islands	78	738	514
Foreign countries	90	33,411	19,883
Balance \1	98	15,466	7,474
Total	99	2,272,029	1,560,735

\1 A balance line was created for institutions that have no reported or imputed residence and migration data.

The sum of lines 1 and 15 from part A was moved to both the balance (98) and the total line (99).

Source: Table was produced using the data file, EF96_C.DAT.