

CHAPTER 7

Libraries and Educational Technology

This chapter contains statistics on libraries and on the use of information technologies. These data show the extent of America's access to information technologies outside of formal classroom activities. The data also provide a capsule description of the magnitude and availability of library resources. Access to information has been widely cited as the key to success in a growing number of endeavors. Thus, how information is made available and to whom are matters of concern.

The first section of the chapter (tables 416 to 418 and 420 to 423) deals with public libraries, public and private school libraries, and college and university libraries. It contains data on collections, population served, staff, and expenditures. Table 421 provides institutional-level information for the largest college libraries in the country.

The second part of the chapter (tables 419 and 424 to 428) provides information on the availability and use of technology. For example, the proportion of children using computers at school is shown over time. Also included are data on the use of home computers and the Internet by adults and school children, with comparisons among various demographic groups.

Related data may be found in other chapters of the *Digest*. For example, statistics on the number of degrees conferred in computer and information sciences and library sciences are in chapter 3. Further information on survey methodologies is in the "Guide to Sources" in the appendix and in the publications cited in the source notes.

Libraries

In 1999–2000, there were 95 school library visits each week per 100 public school students. Public elementary school students were more likely to visit their school libraries (107 visits per 100 students each week) than secondary school students (73 per 100). There was no difference detected between the number of visits per week at public (95 visits per week) and private schools (95 visits per week). The average number of library staff per school was 1.9 at public schools, and 1.2 at private schools. Public school libraries generally had smaller numbers of books on a per student basis than private school libraries. In 1999–2000, public school libraries held an

average of 1,802 books per 100 students compared to an average of 2,857 per 100 students at private schools. Public elementary school libraries had larger holdings than public secondary schools on a per student basis, and elementary school students checked out more books on a per student basis (1.5 per week compared to .3 per week) (table 416).

The increase in college library resources kept pace with increases in enrollment between 1987–88 and 1997–98. The library staff to student ratio rose from 137 students per staff member to 150 students per staff member. The average library operating expenditure per student rose 7 percent in constant dollars from \$419 in 1987–88 to \$450 in 1997–98 (table 420).

In 2000, there were 9,074 public libraries in the United States with 761 million books and serial volumes. The annual attendance per capita was 4.3 and the reference transactions per capita were 1.1 (table 423).

Educational Technology

There has been widespread introduction of computers into the schools in recent years. In 2001, the average public school contained 124 instructional computers. One important technological advance that has come to schools following the introduction of computers has been connections to the Internet. The proportion of instructional rooms with Internet access increased from 50 percent in 1998 to 85 percent in 2001. About 99 percent of schools had access to the Internet in 2001 (table 419).

The proportion of elementary and secondary school students using computers at school rose from 70 percent in 1997 to 84 percent in 2001. Students in elementary and secondary schools who were 10 years old or older were more likely to use computers at school than younger children. Schools provided access to computers for most students. Eighty-two percent of children from families with incomes of \$20,000 to \$24,999 used computers at school compared to 87 percent of children from families with incomes of \$75,000 or more (table 428). Sizable percentages of students in 2001 used computers at home, though fewer actually used them for schoolwork. In 2001, 66 percent of elementary and secondary school students used computers at home,

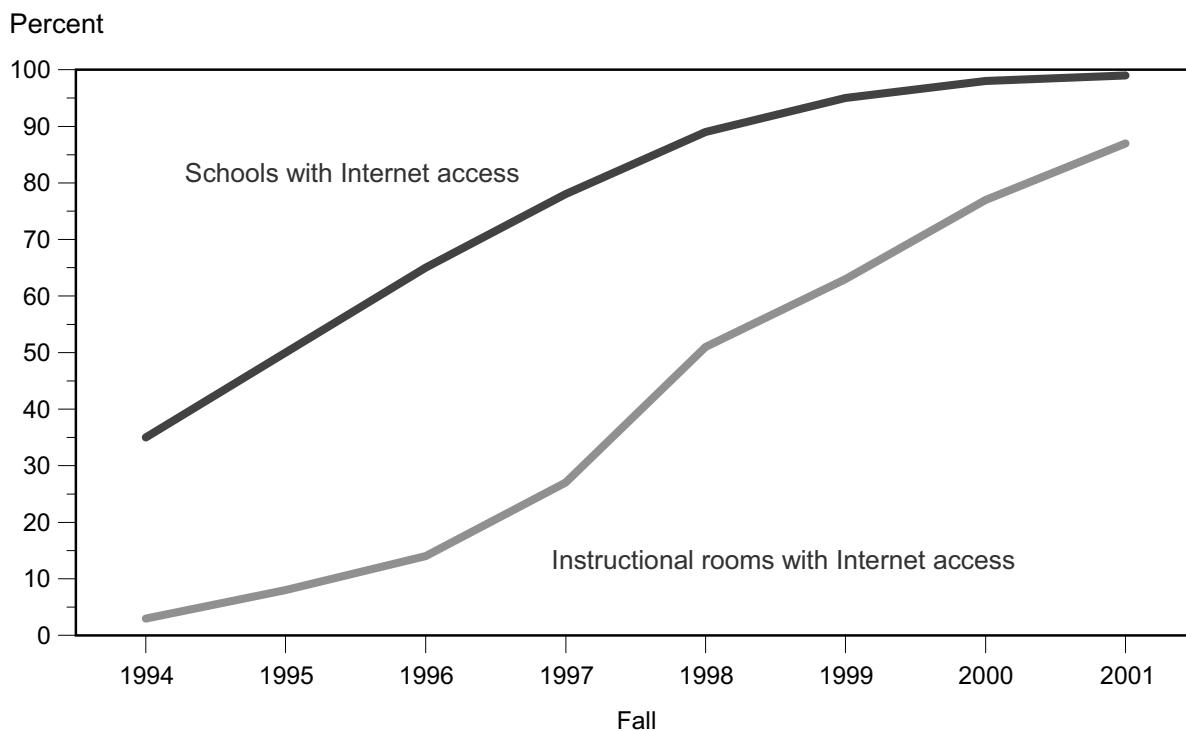
compared to 43 percent in 1997. During the same period of time, the proportion of students using computers at home for school work rose from 25 to 45 percent. Female students are slightly more likely to use computers at home for school work than males. There were large differences between White and Black and Hispanic students; about 53 percent of White elementary and secondary schools students used computers at home for school work compared to 29 percent of Black students and 28 percent of Hispanic students. Use of computers at home was strongly associated with income. About 64 percent of students from families with an income of \$75,000 or more used a computer at home for school work compared to 28 percent of students from families with incomes of \$20,000 to \$24,999.

The proportion of college students using computers in their classes rose from 63 percent in 1997

to 79 percent in 2001. About 69 percent used computers at home to do their school work (table 428).

The use of computers has become widespread in the workplace. In 2001, 54 percent of all workers used computers on the job. More frequent use of computers was associated with higher levels of education and higher incomes. Thirty-nine percent of high school graduates and 16 percent of high school dropouts used computers at work compared to 85 percent of those with master's degrees. Among the most common applications for all employees using computers on the job were: Internet and email (72 percent), word processing (67 percent), spreadsheets and data bases (63 percent), and calendar/schedule (53 percent). Elementary and secondary teachers were less likely to use computers than persons employed in other managerial or professional fields (table 424).

Figure 31.— Percent of all public schools and instructional rooms having Internet access: Fall 1994 to fall 2001



SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in Public Schools and Classrooms: 1994-2001*.

Table 416.—Selected statistics on school library/media centers, by control and level of school: 1999–2000

Selected statistics	Public ¹						Private Secondary	Combined
	Total	Elementary	Secondary	Combined	Total	Elementary		
1	2	3	4	5	6	7	8	9
Number of schools with libraries²								
Total	77,288 (421)	57,024 (377)	18,039 (199)	2,226 (112)	17,054 (323)	10,961 (251)	1,965 (91)	4,138 (174)
Average number of staff per library								
Certified library/media specialists	1.89 (0.02)	1.80 (0.02)	2.21 (0.02)	1.50 (0.06)	1.18 (0.03)	1.01 (0.03)	1.80 (0.08)	1.33 (0.06)
Full-time	0.81 (0.01)	0.74 (0.01)	1.06 (0.01)	0.63 (0.03)	0.23 (0.01)	0.13 (0.01)	0.55 (0.03)	0.35 (0.03)
Part-time	0.65 (0.01)	0.56 (0.01)	0.94 (0.01)	0.52 (0.03)	0.17 (0.01)	0.07 (0.01)	0.47 (0.03)	0.27 (0.02)
Other professional staff	0.16 (0.01)	0.17 (0.01)	0.12 (0.01)	0.10 (0.01)	0.06 (0.01)	0.06 (0.01)	0.07 (0.01)	0.08 (0.01)
Other paid employees	0.17 (0.01)	0.18 (0.01)	0.15 (0.01)	0.23 (0.02)	0.48 (0.01)	0.47 (0.02)	0.53 (0.04)	0.46 (0.02)
Part-time	0.12 (0.01)	0.12 (0.01)	0.10 (0.01)	0.12 (0.01)	0.19 (0.01)	0.19 (0.01)	0.33 (0.02)	0.27 (0.02)
Part-time	0.06 (3)	0.06 (0.01)	0.05 (0.01)	0.11 (0.02)	0.25 (0.01)	0.29 (0.02)	0.20 (0.03)	0.19 (0.02)
Other paid employees	0.91 (0.01)	0.88 (0.02)	1.00 (0.02)	0.65 (0.04)	0.48 (0.01)	0.41 (0.02)	0.72 (0.05)	0.52 (0.03)
Part-time	0.49 (0.01)	0.44 (0.01)	0.67 (0.02)	0.34 (0.02)	0.14 (0.01)	0.11 (0.01)	0.24 (0.02)	0.18 (0.02)
Part-time	0.41 (0.01)	0.44 (0.02)	0.33 (0.01)	0.31 (0.03)	0.34 (0.01)	0.31 (0.02)	0.48 (0.04)	0.34 (0.03)
Percentage of schools' library media centers with the following equipment								
Telephone	84.8 (0.5)	82.8 (0.7)	91.5 (0.5)	81.9 (1.9)	53.2 (1.5)	45.3 (2.0)	78.2 (2.7)	62.3 (2.2)
Fax machine	11.5 (0.4)	8.1 (0.5)	22.2 (0.6)	12.1 (1.5)	6.7 (0.6)	4.8 (0.8)	13.6 (1.4)	8.7 (1.5)
Automated catalog	61.2 (0.8)	59.8 (1.0)	66.8 (0.9)	52.8 (2.8)	34.2 (1.3)	28.1 (1.5)	59.8 (2.6)	39.9 (2.3)
Automated circulation system	74.4 (0.7)	73.2 (0.9)	79.9 (0.7)	59.5 (3.1)	29.0 (1.2)	22.9 (1.3)	52.3 (2.5)	33.9 (2.3)
Video laser disc or DVD	43.0 (0.7)	41.8 (0.9)	47.7 (0.9)	35.1 (2.7)	12.7 (0.7)	10.4 (1.0)	21.2 (1.8)	15.0 (1.4)
Connection to Internet	56.5 (0.8)	56.4 (1.1)	56.8 (0.9)	58.9 (2.8)	60.6 (1.4)	55.1 (1.8)	65.2 (2.1)	36.1 (2.5)
Cable television	77.4 (0.7)	76.6 (0.8)	82.2 (0.7)	58.5 (3.2)	46.3 (1.2)	48.2 (1.7)	57.6 (2.4)	36.1 (2.1)
Broadcast television	43.4 (0.8)	43.9 (1.0)	42.9 (0.9)	34.8 (2.5)	48.0 (1.3)	52.5 (1.7)	42.4 (2.7)	38.6 (2.6)
Closed circuit television	25.0 (0.7)	23.3 (0.8)	30.8 (0.8)	20.5 (2.2)	7.9 (0.5)	6.5 (0.7)	19.2 (1.2)	6.4 (0.9)
Satellite dish	27.9 (0.6)	20.5 (0.7)	49.9 (0.9)	38.2 (2.8)	8.9 (0.6)	5.4 (0.7)	28.0 (1.7)	9.1 (1.0)
Percentage of schools where—								
Long distance learning offered	21.2 (0.5)	15.2 (0.6)	38.1 (0.8)	38.3 (2.8)	8.3 (0.8)	7.3 (1.1)	15.6 (2.1)	7.7 (1.2)
Students permitted to check out computer hardware	2.2 (0.1)	1.2 (0.2)	5.5 (0.4)	1.9 (0.5)	1.0 (0.2)	0.9 (0.2)	2.2 (0.4)	1.0 (0.3)
Students permitted to check out computer software	6.9 (0.3)	4.5 (0.4)	14.3 (0.7)	7.5 (1.1)	6.9 (0.6)	3.8 (0.5)	16.6 (1.5)	10.5 (1.6)
Total students using library per 100 students each week ⁴	94.9 (0.9)	106.6 (1.1)	73.4 (1.1)	80.0 (4.5)	94.9 (6.0)	105.1 (10.9)	90.3 (2.6)	77.9 (2.4)
Books checked out per 100 students each week ⁴	106.2 (1.6)	146.2 (2.4)	32.2 (1.4)	61.8 (4.5)	88.8 (3.8)	123.0 (5.6)	22.7 (1.4)	64.2 (5.2)
Average holdings per 100 students at the end of the 1999–2000 school year								
Books (number of volumes)	1,802 (20)	1,893 (26)	1,607 (26)	2,187 (160)	2,857 (85)	2,801 (86)	2,737 (178)	3,043 (213)
Video materials (tape and disc)	51 (1)	51 (1)	51 (1)	69 (6)	71 (12)	66 (3)	72 (6)	81 (6)
CD-ROM titles	8 (6)	10 (5)	5 (5)	9 (1)	10 (1)	10 (1)	10 (1)	10 (1)
Expenditures (all sources) per student, 1999–2000								
Total library/media materials	\$23,37 (0.44)	\$22,99 (0.63)	\$23,84 (0.46)	\$27,93 (2.51)	\$29,02 (1.05)	\$23,60 (1.65)	\$38,72 (1.58)	\$33,40 (1.83)
Books	9.97 (0.15)	10.47 (0.23)	8.95 (0.17)	11.03 (0.71)	10.57 (0.63)	9.29 (1.12)	11.18 (0.47)	12.68 (0.83)
Video materials	1.07 (0.02)	1.04 (0.03)	1.13 (0.03)	1.20 (0.11)	1.34 (0.05)	1.04 (0.06)	1.51 (0.11)	1.83 (0.15)
CD-ROM titles	0.59 (0.02)	0.55 (0.03)	0.64 (0.02)	0.94 (0.19)	0.82 (0.06)	0.72 (0.08)	1.15 (0.11)	0.81 (0.08)
Current serial subscriptions	1.26 (0.02)	0.98 (0.02)	1.75 (0.03)	1.98 (0.18)	1.34 (0.04)	0.62 (0.03)	2.71 (0.12)	1.86 (0.10)
Electronic subscriptions	0.81 (0.02)	0.32 (0.02)	1.74 (0.04)	0.94 (0.11)	0.17 (0.04)	0.20 (0.21)	2.08 (0.12)	2.08 (0.12)
Microcomputer hardware	7.48 (0.31)	7.31 (0.39)	7.68 (0.37)	9.59 (1.74)	10.50 (1.30)	14.65 (1.03)	11.57 (1.28)	11.57 (1.28)
Other audiovisual equipment	2.19 (0.18)	2.32 (0.27)	1.94 (0.07)	2.25 (0.26)	2.06 (0.11)	1.27 (0.10)	3.68 (0.41)	2.58 (0.20)

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 1999–2000; "Public Charter School Questionnaire," 1999–2000; and "Private School Library Media Center Questionnaire," 1999–2000, unpublished data. (This table was prepared September 2002.)

¹ Public school data include charter schools.
² Includes schools not reporting enrollment.
³ Data less than 0.005.
⁴ During the most recent full week of school.
⁵ Data less than 0.5.
 NOTE: Percentages are based on schools that have library/media centers. Standard errors appear in parentheses.
 Detail may not sum to totals due to rounding.

Table 417.—Selected statistics on public school library/media centers, by level and enrollment size of school: 1999–2000

Selected statistics	Public elementary, secondary, and combined ¹	Elementary libraries, by enrollment size of school						Secondary libraries, by enrollment size of school					
		Total	Less than 150	150 to 499	500 to 749	750 or more	Total	Less than 500	500 to 749	750 to 1,499	1,500 or more		
1	2	3	4	5	6	7	8	9	10	11	12		
Average number of staff per library													
Total	1.89 (0.02)	1.80 (0.02)	1.42 (0.05)	1.69 (0.03)	1.93 (0.03)	2.09 (0.08)	2.21 (0.02)	1.68 (0.03)	1.94 (0.04)	2.48 (0.03)	3.47 (0.06)		
Certified library/media specialists ..	0.81 (0.01)	0.74 (0.01)	0.62 (0.04)	0.71 (0.02)	0.77 (0.02)	0.80 (0.03)	1.06 (0.01)	0.86 (0.02)	0.94 (0.02)	1.15 (0.01)	1.56 (0.03)		
Full-time	0.56 (0.01)	0.48 (0.01)	0.48 (0.04)	0.48 (0.01)	0.69 (0.02)	0.73 (0.03)	0.94 (0.01)	0.64 (0.02)	0.71 (0.01)	1.10 (0.01)	1.49 (0.03)		
Part-time	0.17 (0.01)	0.38 (0.04)	0.24 (0.01)	0.24 (0.01)	0.08 (0.01)	0.07 (0.01)	0.12 (0.01)	0.23 (0.01)	0.03 (0.01)	0.04 (0.01)	0.07 (0.01)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.11 (0.02)	0.16 (0.01)	0.19 (0.02)	0.22 (0.03)	0.15 (0.01)	0.15 (0.01)	0.14 (0.02)	0.14 (0.01)	0.18 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.18 (0.03)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Part-time	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.69 (0.03)	0.81 (0.03)	0.96 (0.03)	1.07 (0.06)	1.00 (0.02)	0.67 (0.02)	0.86 (0.03)	1.19 (0.02)	1.73 (0.05)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.26 (0.04)	0.36 (0.01)	0.51 (0.03)	0.67 (0.04)	0.52 (0.02)	0.36 (0.02)	0.52 (0.03)	0.85 (0.03)	1.35 (0.04)		
Part-time	0.41 (0.01)	0.44 (0.02)	0.42 (0.04)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.31 (0.02)	0.33 (0.03)	0.34 (0.02)	0.38 (0.03)		
Percentage of schools' library media centers with the following equipment													
Telephone	84.8 (0.5)	82.8 (0.7)	70.1 (4.2)	77.4 (1.3)	90.0 (1.2)	92.4 (1.4)	91.5 (0.5)	82.5 (1.1)	94.4 (0.9)	98.3 (0.4)	99.6 (0.2)		
Fax machine	11.5 (0.4)	8.1 (0.5)	6.6 (1.7)	6.7 (0.7)	9.7 (1.0)	10.6 (1.4)	22.2 (0.6)	14.2 (1.2)	22.4 (1.8)	26.8 (1.3)	35.1 (2.2)		
Automated catalog	61.2 (0.8)	59.8 (1.0)	35.1 (4.3)	55.5 (1.4)	67.4 (1.6)	70.5 (2.2)	66.8 (0.9)	56.7 (1.6)	75.5 (1.3)	75.0 (1.8)	95.1 (1.0)		
Part-time	0.16 (0.01)	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.11 (0.02)	0.16 (0.01)	0.12 (0.01)	0.12 (0.01)	0.13 (0.01)	0.13 (0.01)	0.18 (0.02)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Part-time	0.06 (0.02)	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.26 (0.04)	0.36 (0.01)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.33 (0.02)	0.34 (0.02)	0.38 (0.03)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.42 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Part-time	0.41 (0.01)	0.44 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Telephone	84.8 (0.5)	82.8 (0.7)	70.1 (4.2)	77.4 (1.3)	90.0 (1.2)	92.4 (1.4)	91.5 (0.5)	82.5 (1.1)	94.4 (0.9)	98.3 (0.4)	99.6 (0.2)		
Fax machine	11.5 (0.4)	8.1 (0.5)	6.6 (1.7)	6.7 (0.7)	9.7 (1.0)	10.6 (1.4)	22.2 (0.6)	14.2 (1.2)	22.4 (1.8)	26.8 (1.3)	35.1 (2.2)		
Automated catalog	61.2 (0.8)	59.8 (1.0)	35.1 (4.3)	55.5 (1.4)	67.4 (1.6)	70.5 (2.2)	66.8 (0.9)	56.7 (1.6)	75.5 (1.3)	75.0 (1.8)	95.1 (1.0)		
Part-time	0.16 (0.01)	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.11 (0.02)	0.16 (0.01)	0.12 (0.01)	0.12 (0.01)	0.13 (0.01)	0.13 (0.01)	0.18 (0.02)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Part-time	0.06 (0.02)	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.26 (0.04)	0.36 (0.01)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.33 (0.02)	0.34 (0.02)	0.38 (0.03)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.42 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Part-time	0.41 (0.01)	0.44 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Telephone	84.8 (0.5)	82.8 (0.7)	70.1 (4.2)	77.4 (1.3)	90.0 (1.2)	92.4 (1.4)	91.5 (0.5)	82.5 (1.1)	94.4 (0.9)	98.3 (0.4)	99.6 (0.2)		
Fax machine	11.5 (0.4)	8.1 (0.5)	6.6 (1.7)	6.7 (0.7)	9.7 (1.0)	10.6 (1.4)	22.2 (0.6)	14.2 (1.2)	22.4 (1.8)	26.8 (1.3)	35.1 (2.2)		
Automated catalog	61.2 (0.8)	59.8 (1.0)	35.1 (4.3)	55.5 (1.4)	67.4 (1.6)	70.5 (2.2)	66.8 (0.9)	56.7 (1.6)	75.5 (1.3)	75.0 (1.8)	95.1 (1.0)		
Part-time	0.16 (0.01)	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.11 (0.02)	0.16 (0.01)	0.12 (0.01)	0.12 (0.01)	0.13 (0.01)	0.13 (0.01)	0.18 (0.02)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Part-time	0.06 (0.02)	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.26 (0.04)	0.36 (0.01)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.33 (0.02)	0.34 (0.02)	0.38 (0.03)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.42 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Part-time	0.41 (0.01)	0.44 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Telephone	84.8 (0.5)	82.8 (0.7)	70.1 (4.2)	77.4 (1.3)	90.0 (1.2)	92.4 (1.4)	91.5 (0.5)	82.5 (1.1)	94.4 (0.9)	98.3 (0.4)	99.6 (0.2)		
Fax machine	11.5 (0.4)	8.1 (0.5)	6.6 (1.7)	6.7 (0.7)	9.7 (1.0)	10.6 (1.4)	22.2 (0.6)	14.2 (1.2)	22.4 (1.8)	26.8 (1.3)	35.1 (2.2)		
Automated catalog	61.2 (0.8)	59.8 (1.0)	35.1 (4.3)	55.5 (1.4)	67.4 (1.6)	70.5 (2.2)	66.8 (0.9)	56.7 (1.6)	75.5 (1.3)	75.0 (1.8)	95.1 (1.0)		
Part-time	0.16 (0.01)	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.11 (0.02)	0.16 (0.01)	0.12 (0.01)	0.12 (0.01)	0.13 (0.01)	0.13 (0.01)	0.18 (0.02)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Part-time	0.06 (0.02)	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.26 (0.04)	0.36 (0.01)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.33 (0.02)	0.34 (0.02)	0.38 (0.03)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.42 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Part-time	0.41 (0.01)	0.44 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Telephone	84.8 (0.5)	82.8 (0.7)	70.1 (4.2)	77.4 (1.3)	90.0 (1.2)	92.4 (1.4)	91.5 (0.5)	82.5 (1.1)	94.4 (0.9)	98.3 (0.4)	99.6 (0.2)		
Fax machine	11.5 (0.4)	8.1 (0.5)	6.6 (1.7)	6.7 (0.7)	9.7 (1.0)	10.6 (1.4)	22.2 (0.6)	14.2 (1.2)	22.4 (1.8)	26.8 (1.3)	35.1 (2.2)		
Automated catalog	61.2 (0.8)	59.8 (1.0)	35.1 (4.3)	55.5 (1.4)	67.4 (1.6)	70.5 (2.2)	66.8 (0.9)	56.7 (1.6)	75.5 (1.3)	75.0 (1.8)	95.1 (1.0)		
Part-time	0.16 (0.01)	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.11 (0.02)	0.16 (0.01)	0.12 (0.01)	0.12 (0.01)	0.13 (0.01)	0.13 (0.01)	0.18 (0.02)		
Other professional staff	0.17 (0.01)	0.18 (0.01)	0.12 (0.01)	0.04 (0.01)	0.10 (0.01)	0.14 (0.01)	0.10 (0.01)	0.10 (0.01)	0.11 (0.01)	0.11 (0.01)	0.13 (0.02)		
Full-time	0.12 (0.01)	0.12 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Part-time	0.06 (0.02)	0.06 (0.01)	0.06 (0.01)	0.07 (0.02)	0.06 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.05 (0.01)	0.04 (0.01)	0.05 (0.01)		
Other paid employees	0.91 (0.01)	0.88 (0.02)	0.26 (0.04)	0.36 (0.01)	0.45 (0.03)	0.45 (0.03)	0.40 (0.05)	0.33 (0.01)	0.33 (0.02)	0.34 (0.02)	0.38 (0.03)		
Full-time	0.49 (0.01)	0.44 (0.01)	0.42 (0.02)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)	0.42 (0.04)		
Part-time	0.41 (0.01)	0.44											

Table 418.—Selected statistics on public school library/media centers, by state: 1999–2000

State or other area	Percent of centers offering selected services/equipment						Average number of staff per library ^{1,2}	Total students using library per 100 students each week ^{2,3}	Books checked out per 100 students each week ³	Books held per 100 students ^{2,3}	Total expenditures for materials per student
	Automated catalog	Automated circulation system	Database searching with CD-ROM	Connection to the Internet	Video laser disk or DVD	Electronic full-text periodicals					
1	2	3	4	5	6	7	8	9	10	11	12
United States⁴	61.2 (0.8)	74.4 (0.7)	86.0 (0.6)	56.5 (0.8)	43.0 (0.7)	33.7 (0.7)	1.89 (0.02)	94.9 (0.9)	106.2 (1.6)	1,802 (20)	\$23.37 (0.4)
Alabama	79.4 (2.8)	85.4 (2.3)	88.9 (2.4)	63.1 (4.4)	40.6 (4.1)	32.0 (3.3)	1.76 (0.04)	102.4 (5.4)	119.3 (9.0)	1,908 (158)	17.08 (0.9)
Alaska	64.0 (2.8)	67.4 (3.2)	81.2 (2.2)	68.0 (2.8)	35.4 (2.9)	33.5 (3.5)	1.43 (0.06)	97.5 (2.8)	137.1 (14.0)	2,856 (90)	25.46 (2.4)
Arizona	72.9 (4.5)	88.5 (3.2)	87.8 (3.0)	54.2 (4.4)	51.4 (4.2)	23.9 (3.0)	1.97 (0.06)	92.4 (5.0)	110.6 (10.9)	1,883 (144)	15.73 (1.1)
Arkansas	63.8 (4.4)	79.9 (3.0)	84.5 (3.9)	54.4 (4.6)	23.0 (2.5)	30.0 (4.0)	1.50 (0.04)	94.8 (4.0)	115.6 (8.4)	2,038 (82)	22.38 (2.3)
California	62.0 (4.0)	76.7 (3.2)	75.3 (3.1)	43.8 (4.1)	37.8 (3.6)	22.2 (2.8)	1.73 (0.07)	75.9 (2.5)	85.9 (5.1)	1,401 (85)	17.66 (1.3)
Colorado	62.2 (3.3)	86.3 (2.4)	93.7 (1.7)	54.2 (5.1)	41.6 (4.2)	34.2 (3.6)	1.99 (0.08)	107.3 (5.3)	99.2 (5.3)	1,788 (90)	25.68 (2.6)
Connecticut	52.4 (3.1)	59.8 (2.8)	86.6 (2.6)	61.4 (3.4)	42.9 (3.8)	43.0 (3.1)	2.06 (0.06)	102.0 (2.4)	87.7 (6.1)	2,091 (126)	27.74 (1.3)
Delaware	72.8 (3.8)	88.7 (3.0)	93.1 (2.9)	60.8 (4.2)	35.0 (4.4)	29.0 (3.6)	1.51 (0.07)	85.1 (3.6)	63.1 (9.1)	1,437 (76)	18.94 (2.6)
District of Columbia	33.8 (3.0)	35.4 (3.5)	80.2 (2.9)	69.3 (3.1)	26.7 (3.3)	13.5 (1.4)	1.16 (0.03)	64.8 (2.5)	35.5 (4.4)	2,039 (181)	12.59 (1.7)
Florida	81.6 (2.4)	96.8 (1.0)	97.1 (1.2)	56.7 (3.8)	90.6 (1.5)	41.7 (3.7)	2.53 (0.19)	93.7 (4.8)	100.9 (6.9)	1,566 (102)	31.24 (5.7)
Georgia	94.5 (1.4)	99.7 (0.3)	96.3 (1.5)	65.0 (4.4)	71.4 (3.4)	43.3 (4.2)	2.33 (0.12)	111.1 (6.4)	117.6 (7.5)	1,584 (53)	24.39 (1.4)
Hawaii	84.8 (2.7)	94.0 (1.9)	95.7 (1.8)	72.4 (3.4)	50.6 (4.1)	34.7 (2.6)	1.54 (0.05)	87.4 (3.1)	113.2 (12.9)	1,625 (38)	14.31 (1.2)
Idaho	68.2 (2.3)	82.9 (2.1)	91.5 (1.3)	60.0 (2.0)	30.5 (2.5)	35.1 (2.0)	1.75 (0.04)	122.9 (3.1)	202.4 (12.4)	2,373 (123)	49.49 (2.2)
Illinois	50.2 (3.9)	59.9 (3.8)	75.3 (3.5)	55.9 (3.8)	34.9 (4.1)	28.4 (3.6)	2.03 (0.10)	95.0 (3.5)	82.8 (6.5)	1,545 (76)	22.54 (1.7)
Indiana	60.0 (4.2)	72.9 (4.2)	86.2 (3.2)	57.4 (4.0)	50.2 (3.8)	32.9 (3.1)	1.93 (0.05)	95.4 (2.1)	114.2 (7.9)	2,177 (173)	23.93 (1.7)
Iowa	56.4 (4.2)	70.3 (3.9)	86.0 (2.3)	46.4 (3.5)	41.0 (3.9)	45.2 (3.7)	2.36 (0.24)	133.0 (5.0)	140.9 (9.0)	2,517 (74)	26.52 (1.7)
Kansas	53.4 (3.6)	77.4 (4.0)	84.3 (3.0)	51.1 (3.6)	43.3 (3.9)	30.9 (2.6)	1.85 (0.05)	119.3 (5.1)	182.4 (13.0)	2,637 (104)	25.72 (1.2)
Kentucky	73.5 (4.2)	77.3 (4.2)	91.4 (2.5)	56.1 (3.7)	49.7 (4.2)	35.2 (3.4)	1.64 (0.06)	119.2 (8.6)	123.7 (8.3)	1,758 (47)	30.43 (4.0)
Louisiana	52.8 (4.9)	62.5 (5.4)	86.9 (4.3)	73.3 (5.4)	25.8 (3.8)	24.0 (5.7)	1.27 (0.09)	75.3 (3.7)	71.7 (7.5)	1,602 (64)	15.23 (2.2)
Maine	51.4 (4.5)	52.8 (4.8)	87.4 (3.0)	69.0 (3.6)	15.5 (1.9)	28.0 (2.9)	1.73 (0.07)	102.5 (2.7)	102.5 (6.9)	2,931 (225)	26.00 (1.2)
Maryland	80.9 (3.5)	81.4 (3.5)	95.7 (1.9)	72.8 (4.7)	50.4 (6.0)	34.7 (4.1)	1.68 (0.09)	82.6 (3.0)	130.3 (39.7)	1,401 (62)	28.47 (4.9)
Massachusetts	50.0 (3.8)	49.8 (3.7)	91.7 (2.0)	63.7 (4.3)	31.9 (5.2)	43.3 (4.8)	1.87 (0.08)	83.7 (2.9)	63.3 (4.4)	1,642 (69)	18.76 (1.1)
Michigan	53.1 (4.2)	68.1 (4.0)	73.2 (4.3)	38.3 (3.8)	44.6 (4.2)	26.1 (3.3)	1.76 (0.10)	93.5 (3.8)	91.0 (6.9)	1,691 (67)	23.18 (2.2)
Minnesota	72.6 (4.3)	91.8 (2.8)	88.7 (3.3)	55.3 (5.2)	43.3 (5.4)	45.8 (5.0)	2.43 (0.10)	126.8 (9.3)	126.9 (12.4)	2,486 (174)	36.34 (6.7)
Mississippi	66.1 (3.0)	76.2 (2.4)	88.2 (2.6)	60.5 (3.6)	29.2 (2.6)	41.4 (3.0)	1.54 (0.03)	80.0 (2.8)	100.3 (7.6)	1,984 (175)	19.66 (1.4)
Missouri	58.0 (5.9)	70.7 (6.3)	87.8 (2.9)	51.1 (5.9)	49.3 (6.0)	43.4 (3.5)	1.63 (0.08)	100.5 (5.7)	110.7 (9.9)	2,250 (123)	30.59 (2.2)
Montana	42.9 (3.4)	52.0 (3.0)	89.7 (2.5)	69.9 (3.1)	31.2 (3.1)	43.5 (2.8)	1.66 (0.06)	145.5 (6.4)	153.5 (9.3)	3,578 (150)	32.59 (1.7)
Nebraska	54.9 (3.6)	69.1 (3.2)	89.0 (2.5)	68.2 (2.7)	38.2 (3.3)	40.4 (3.3)	1.85 (0.07)	101.9 (4.2)	160.8 (16.5)	3,253 (206)	37.44 (3.5)
Nevada	85.0 (3.2)	91.6 (2.8)	91.5 (2.3)	54.4 (4.2)	36.0 (3.0)	36.3 (3.4)	2.11 (0.06)	83.3 (2.1)	83.6 (4.0)	1,665 (187)	14.13 (1.6)
New Hampshire	46.4 (5.4)	60.4 (5.2)	83.9 (6.0)	66.4 (7.7)	36.5 (4.7)	33.8 (5.5)	1.83 (0.10)	103.1 (4.2)	94.2 (7.5)	1,862 (84)	22.73 (1.4)
New Jersey	58.8 (3.9)	63.1 (3.7)	85.1 (3.0)	60.3 (3.9)	31.8 (3.6)	24.8 (3.0)	1.78 (0.06)	82.9 (2.5)	81.5 (6.6)	1,906 (81)	23.28 (1.5)
New Mexico	65.3 (5.8)	62.4 (5.2)	79.6 (5.2)	56.4 (5.5)	28.0 (5.1)	35.8 (4.5)	1.53 (0.07)	92.5 (8.0)	123.6 (15.9)	2,062 (245)	22.81 (2.4)
New York	49.2 (4.1)	54.8 (3.8)	85.8 (2.6)	60.1 (3.2)	29.8 (2.5)	35.0 (3.1)	2.12 (0.09)	78.1 (3.3)	66.4 (3.4)	1,473 (55)	18.31 (1.4)
North Carolina	85.2 (3.7)	95.7 (1.6)	98.8 (1.1)	68.6 (3.7)	69.4 (3.8)	42.5 (4.2)	2.11 (0.06)	90.4 (4.9)	116.8 (8.0)	1,590 (76)	28.51 (2.2)
North Dakota	41.0 (3.3)	49.5 (3.4)	86.2 (2.5)	74.5 (2.7)	30.0 (2.3)	1.81 (0.07)	130.8 (3.6)	167.4 (8.4)	5,180 (252)	40.87 (2.9)	
Ohio	35.9 (4.5)	53.1 (3.7)	76.6 (5.1)	59.0 (4.3)	32.0 (4.2)	32.9 (4.4)	1.77 (0.15)	96.1 (3.7)	87.2 (6.6)	1,535 (63)	18.71 (2.2)
Oklahoma	59.7 (4.4)	68.4 (3.6)	88.3 (2.8)	60.1 (3.9)	25.0 (3.5)	34.8 (4.2)	1.95 (0.06)	107.4 (4.6)	117.5 (10.9)	2,257 (101)	31.40 (3.1)
Oregon	51.5 (4.8)	80.2 (3.6)	86.2 (3.5)	41.4 (4.5)	41.7 (4.6)	27.6 (4.1)	1.84 (0.07)	102.8 (5.4)	156.7 (33.0)	2,655 (204)	18.97 (1.3)
Pennsylvania	53.4 (5.6)	64.4 (5.4)	82.0 (5.0)	56.1 (5.1)	28.3 (4.0)	36.3 (5.2)	1.90 (0.10)	92.7 (4.7)	94.3 (7.0)	2,009 (192)	21.88 (1.8)
Rhode Island	46.4 (2.1)	51.5 (1.9)	85.4 (1.5)	76.6 (1.8)	12.8 (1.5)	21.7 (0.9)	1.84 (0.03)	70.0 (1.0)	68.5 (1.9)	1,525 (35)	16.04 (0.7)
South Carolina	92.4 (2.4)	93.6 (2.6)	93.9 (1.8)	49.5 (4.4)	54.4 (4.1)	37.0 (3.4)	1.97 (0.06)	84.3 (2.6)	105.7 (7.0)	1,515 (34)	24.84 (1.8)
South Dakota	45.2 (4.0)	44.7 (3.7)	81.7 (3.0)	72.9 (2.6)	40.8 (3.7)	29.8 (2.5)	1.62 (0.08)	155.9 (7.9)	135.2 (6.8)	4,006 (316)	38.18 (1.9)
Tennessee	63.4 (4.7)	75.5 (4.0)	91.3 (3.4)	71.1 (5.1)	53.3 (4.7)	30.8 (4.4)	1.79 (0.08)	86.7 (4.9)	143.2 (14.0)	1,516 (58)	18.81 (4.1)
Texas	65.1 (3.4)	88.3 (2.4)	86.2 (2.8)	49.0 (3.2)	44.8 (3.1)	32.1 (3.2)	1.90 (0.05)	103.2 (5.1)	145.0 (7.3)	1,803 (61)	24.32 (1.6)
Utah	78.3 (3.7)	88.7 (2.8)	91.9 (3.3)	60.5 (4.4)	60.3 (3.9)	37.5 (4.8)	1.69 (0.06)	76.3 (3.5)	114.1 (20.5)	1,256 (51)	16.84 (2.0)
Vermont	59.9 (3.4)	60.3 (2.9)	94.3 (2.6)	83.9 (5.3)	13.3 (2.9)	46.2 (3.8)	1.74 (0.10)	117.2 (4.9)	93.3 (8.0)	2,783 (172)	36.30 (2.4)
Virginia	75.0 (3.8)	98.0 (0.8)	99.6 (0.1)	54.7 (4.8)	74.6 (4.2)	39.6 (3.5)	1.88 (0.06)	87.7 (2.8)	110.6 (6.6)	1,849 (167)	22.98 (1.6)
Washington	63.6 (4.0)	91.4 (2.2)	93.2 (1.6)	47.2 (3.7)	65.2 (3.9)	37.7 (2.8)	2.04 (0.05)	128.2 (9.0)	137.4 (9.2)	2,068 (121)	24.62 (2.4)
West Virginia	44.9 (4.7)	47.5 (5.1)	80.1 (3.6)	86.1 (3.1)	57.6 (5.5)	24.4 (4.1)	0.92 (0.06)	96.2 (5.3)	75.2 (7.8)	1,692 (73)	19.08 (1.7)
Wisconsin	57.6 (4.4)	86.0 (2.9)	90.4 (2.3)	59.5 (3.8)	42.2 (3.8)	36.6 (3.8)	2.09 (0.06)	138.3 (7.5)	146.5 (12.6)	2,728 (198)	39.38 (3.1)
Wyoming	68.8 (4.6)	76.8 (4.5)	90.0 (2.3)	61.3 (4.5)	39.9 (4.6)	44.0 (3.5)	1.80 (0.07)	122.8 (6.9)	126.2 (7.7)	3,341 (272)	32.08 (2.2)

¹ Includes professional and nonprofessional staff.² Includes public charter schools.³ During the most recent full week of school.⁴ Includes schools not reporting enrollment.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Questionnaire," 1999–2000; and "Public Charter School Questionnaire," 1999–2000, unpublished data. (This table was prepared October 2002.)

NOTE: Percentages are based on schools that have library/media centers. Standard errors appear in parentheses.

Table 419.—Public schools and school classrooms with access to the Internet, by selected school characteristics: 1994 to 2001

	Schools, computers, instruction rooms, and access	All public schools	Size of school enrollment						Metropolitan status				Percent of students eligible for free or reduced-price lunch ²					
			Instructional level ¹		Less than 300		300 to 999		1,000 or more		City		Urban fringe		Town		Rural	
			All elementary	Secondary	Less than 300	300 to 999	1,000 or more	City	Urban fringe	Town	Rural	Less than 35 percent	35 to 49 percent	50 to 74 percent	75 percent or more	14	15	
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15			
	Estimated total number of schools																	
1995	57,705	18,083	20,673	50,044	7,136	17,906	18,464	19,539	21,944	37,450	13,627	12,808	13,166					
1997	59,895	19,430	20,540	51,169	7,416	21,071	23,319	12,637	21,998	37,525	12,250	16,302	12,864					
1998	59,173	19,193	20,095	50,555	8,041	20,698	26,265	11,306	20,522	38,156	12,088	13,967	14,541					
1999	59,575	17,110	20,018	50,389	7,982	21,034	26,245	11,235	19,885	35,653	13,908	16,099	11,993					
2000	59,782	18,414	20,067	51,887	8,173	21,115	26,584	11,879	20,550	36,563	12,414	17,030	13,912					
2001	61,640	17,627	20,665	51,968	8,433	17,997	26,260	10,180	26,628	34,928	14,753	16,627	14,710					
	Percent of schools having access to the Internet																	
1994	30	49	30	35	58	40	38	29	35	39	35	32	18					
1995	46	65	39	52	69	47	59	47	48	60	48	41	31					
1996	61	77	57	66	80	64	75	61	60	74	59	53	53					
1997	75	89	75	78	89	89	74	78	84	79	86	81	71	62				
1998	88	94	87	89	95	92	85	90	92	92	93	88	79					
1999	94	98	96	94	96	94	93	96	94	96	95	98	89					
2000	97	100	96	98	99	99	98	99	98	98	99	99	97	94				
2001	99	100	99	99	99	100	97	99	100	99	100	99	100	99	97			
	Number of computers for instructional purposes, in thousands																	
1995 ⁴	3,453	2,021	850	3,600	1,171	1,497	1,526	1,404	1,195	2,905	806	950						
1997	3,701	2,258	839	3,767	1,363	1,727	2,084	934	1,214	3,154	886	1,013	890					
1998	4,519	2,549	952	4,414	1,744	2,148	2,066	1,047	1,311	3,630	1,105	1,127	1,235					
1999	4,923	2,728	1,021	4,952	1,834	2,320	2,975	1,022	1,489	3,900	1,245	1,429	1,170					
2000	5,296	3,271	1,135	5,524	2,117	2,537	3,396	1,155	1,689	4,394	1,373	1,606	1,384					
2001	6,165	3,654	1,085	6,273	2,700	2,685	3,791	1,134	2,448	4,781	1,707	1,862	1,698					
	Mean number of instructional computers per school																	
1995 ⁴	72	60	112	41	72	164	84	83	72	54	78	59	74					
1997	62	116	41	74	183	82	89	74	55	84	72	62	69					
1998	76	133	47	87	217	104	99	93	64	91	85	81	85					
1999	83	159	51	98	229	110	113	91	75	109	90	98	98					
2000	89	178	57	106	259	120	128	97	82	120	111	94	99					
2001	100	207	52	121	320	149	144	111	92	137	116	112	115					
	Mean number of instructional computers per school																	
1998	(2.3)	(2.4)	(4.9)	(2.6)	(2.5)	(13.0)	(3.6)	(4.9)	(5.2)	(3.6)	(4.5)	(6.1)	(7.7)					
1999	(2.2)	(2.2)	(6.4)	(2.5)	(2.3)	(10.7)	(4.7)	(4.2)	(4.2)	(3.6)	(6.8)	(6.6)	(5.2)					
2000	(2.0)	(2.0)	(5.3)	(3.1)	(2.3)	(9.0)	(4.9)	(4.3)	(5.6)	(3.6)	(5.9)	(5.7)	(5.5)					
2001	(2.3)	(2.7)	(6.2)	(2.5)	(2.0)	(10.1)	(4.0)	(4.7)	(4.7)	(2.6)	(4.9)	(5.8)	(6.0)					

Table 419.—Public schools and school classrooms with access to the Internet, by selected school characteristics: 1994 to 2001—Continued

				Size of school enrollment						Metropolitan status				Percent of students eligible for free or reduced-price lunch ²														
		Instructional level ¹		Less than 300			300 to 999			1,000 or more			City		Urban fringe		Town		Rural		Less than 35 percent		35 to 49 percent		50 to 74 percent		75 percent or more	
1	All public schools	Elementary	Secondary	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1994	1995	1996	1997	1998	1999	2000	2001			
Number of instructional computers with access to the Internet, in thousands																												
1995 ⁴	447	232	187	59	315	73	96	131	126	94	286	46	57	57	57	57	36	458	458	458	458	458	458	458	458			
1998	3,569	2,100	1,450	407	2,276	887	1,026	1,334	481	727	2,064	608	439	439	439	439	439	428	428	428	428	428	428	428	428			
1999	4,809	2,773	1,945	663	2,988	1,158	1,265	1,887	691	986	2,762	778	810	810	810	810	810	858	858	858	858	858	858	858	858			
2000	6,759	3,813	2,779	882	4,191	1,636	2,688	955	1,335	3,608	4,225	1,064	1,215	1,215	1,215	1,215	1,215	1,289	1,289	1,289	1,289	1,289	1,289	1,289	1,289			
2001	8,500	4,936	3,357	874	5,229	2,396	2,175	3,178	1,008	2,139	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447	1,447				
1998 (standard error)	(173)	(148)	(79)	(38)	(140)	(73)	(87)	(105)	(46)	(73)	(151)	(79)	(48)	(48)	(48)	(48)	(48)	(78)	(78)	(78)	(78)	(78)	(78)	(78)	(78)			
1999 (standard error)	(145)	(111)	(89)	(60)	(132)	(68)	(94)	(93)	(50)	(70)	(140)	(59)	(79)	(79)	(79)	(79)	(79)	(55)	(55)	(55)	(55)	(55)	(55)	(55)	(55)			
2000 (standard error)	(174)	(136)	(113)	(69)	(114)	(97)	(148)	(111)	(111)	(111)	(139)	(91)	(139)	(80)	(80)	(80)	(80)	(87)	(87)	(87)	(87)	(87)	(87)	(87)	(87)			
2001 (standard error)	(176)	(144)	(92)	(61)	(139)	(89)	(164)	(74)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)				
Percent of instructional computers with access to the Internet																												
1995 ⁴	8	7	9	7	9	6	6	6	9	9	8	10	6	6	6	6	6	37	37	37	37	37	37	37	37			
1998	50	46	57	43	52	51	48	51	46	55	57	55	55	55	55	55	55	39	39	39	39	39	39	39	39			
1999	62	56	71	65	60	63	55	63	68	65	71	62	57	57	57	57	57	37	37	37	37	37	37	37	37			
2000	77	72	85	78	76	80	70	79	83	79	82	77	76	76	76	76	76	62	62	62	62	62	62	62	62			
2001	85	80	92	81	83	89	81	84	89	87	88	85	82	82	82	82	82	76	76	76	76	76	76	76	76			
1998 (standard error)	(1.7)	(2.5)	(2.1)	(3.4)	(2.2)	(3.4)	(3.0)	(3.0)	(2.8)	(4.1)	(3.4)	(2.0)	(2.9)	(2.9)	(2.9)	(2.9)	(2.9)	(4.6)	(4.6)	(4.6)	(4.6)	(4.6)	(4.6)	(4.6)	(4.6)			
1999 (standard error)	(1.4)	(1.6)	(2.4)	(3.0)	(1.7)	(3.6)	(2.6)	(2.6)	(2.4)	(3.1)	(3.1)	(2.1)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)			
2000 (standard error)	(1.1)	(1.5)	(1.2)	(2.6)	(1.3)	(1.8)	(2.1)	(2.1)	(1.7)	(2.1)	(2.1)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)				
2001 (standard error)	(0.8)	(1.2)	(0.8)	(2.8)	(1.2)	(2.8)	(1.4)	(1.4)	(1.2)	(2.1)	(2.1)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)				
Total number of instructional rooms, ⁵ in thousands																												
1997	2,625	1,720	906	335	1,725	566	830	902	905	905	905	905	905	905	905	905	905	375	375	375	375	375	375	375	375			
1998	2,709	1,772	916	349	1,740	620	839	981	981	981	981	981	981	981	981	981	981	447	447	447	447	447	447	447	447			
1999	2,811	1,830	926	360	1,805	645	857	1,049	1,049	1,049	1,049	1,049	1,049	1,049	1,049	1,049	451	451	451	451	451	451	451	451				
2000	2,905	1,864	972	372	1,882	657	866	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	457	457	457	457	457	457	457	457				
2001	2,851	1,854	929	332	1,829	630	726	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	1,068	510	510	510	510	510	510	510	510				
1998 (standard error)	(41)	(29)	(25)	(15)	(34)	(21)	(22)	(24)	(14)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(42)	(42)	(42)	(42)	(42)	(42)	(42)	(42)				
1999 (standard error)	(36)	(33)	(29)	(26)	(39)	(30)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(33)	(34)	(34)	(34)	(34)	(34)	(34)	(34)	(34)				
2000 (standard error)	(35)	(30)	(28)	(24)	(22)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(29)	(29)	(29)	(29)	(29)	(29)	(29)	(29)				
2001 (standard error)	(31)	(30)	(18)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(17)	(29)	(29)	(29)	(29)	(29)	(29)	(29)	(29)				
Percent of instructional rooms with access to the Internet																												
1994	3	3	4	3	3	4	6	6	8	8	8	8	8	8	8	8	2	2	2	2	2	2	2	2				
1995	8	8	8	16	15	13	16	12	16	14	14	14	14	14	14	14	3	3	3	3	3	3	3	3				
1996	14	13	24	32	27	28	25	20	29	34	34	34	34	34	34	34	33	33	33	33	33	33	33	33				
1997	51	51	52	54	53	45	47	50	55	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57				
1998	64	62	67	71	64	58	52	67	72	71	71	71	71	71	71	71	69	69	69	69	69	69	69	69				
1999	77	76	88	87	87	86	86	86	87	87	87	87	87	87	87	87	82	82	82	82	82	82	82	82				
2000	87	86	88	87	87	87	87	87	87	87	87	87	87	87	87	87	90	90	90	90	90	90	90	90				
2001	87	86	88	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87				
1998 (standard error)	(1.8)	(2.3)	(2.1)	(3.7)	(2.2)	(3.9)	(3.0)	(2.6)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(2.5)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)	(3.6)				
1999 (standard error)	(1.6)	(1.8)	(1.6)	(2.6)	(1.6)	(2.8)	(2.1)	(1.5)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(2.2)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)	(1.5)				
2000 (standard error)	(1.1)	(1.1)	(1.1)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(1.2)	(2.4)	(2.4)	(2.4)	(2.4)	(2.4)	(2.4)	(2.4)	(2.4)				

NOTE: Data are derived from sample surveys and are subject to sampling error. Detail may not sum to totals due to rounding of weighted estimates. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Fast Response Survey System, *Internet Access in U.S. Public Schools and Classrooms: 1994-2001*; and unpublished data (This table was prepared September 2002.)

¹Excludes combined elementary/secondary schools because of small sample size.

²Excludes schools with missing data for free and reduced price lunch participation.

³This estimate fell between 99.5 percent and 100.0 percent and therefore was rounded to 100 percent.

⁴Includes computers used for instructional or administrative purposes.

⁵Includes all classrooms, computer labs, and library/media centers.

Table 420.—Collections, staff, and operating expenditures of college and university libraries: 1976–77 to 1997–98

Item	1976–77 ¹	1978–79 ¹	1981–82	1984–85	1987–88	1991–92	1994–95	1996–97	1997–98
1	2	3	4	5	6	7	8	9	10
Number of libraries	3,058	3,122	3,104	3,322	3,438	3,274	3,303	3,408	3,658
General collection transactions, in thousands	—	—	—	—	—	—	183,123	186,545	175,409
Reserve collection transactions, in thousands	—	—	—	—	—	—	48,380	44,189	40,658
Total enrollment, in thousands ²	11,121	11,392	12,372	12,242	12,767	14,359	14,279	14,300	14,502
Full-time-equivalent enrollment, in thousands ²	8,313	8,348	9,015	8,952	9,230	10,361	10,348	10,402	10,217
Collections, thousands of units									
Number of volumes at end of year	481,442	519,895	567,826	631,727	718,504	749,429	776,447	806,717	³ 878,906
Number of volumes added during year	22,367	21,608	19,507	20,658	21,907	20,982	21,544	21,346	24,551
Number of serial subscriptions at end of year	4,670	4,775	4,890	6,317	6,416	6,966	6,212	5,709	⁴ 10,908
Microform units at end of year	—	—	—	—	—	—	—	—	1,062,082
Electronic units at end of year ⁵	—	—	—	—	—	—	465	983	3,473
Library staff, in full-time equivalents (FTE)									
Total staff in regular positions ⁶	57,087	58,416	58,476	58,476	67,251	67,166	67,433	67,581	68,337
FTE student enrollment per FTE staff	145.6	142.9	154.2	153.1	137.2	154.3	153.5	153.9	149.5
Librarians and professional staff	23,308	23,676	23,816	21,822	25,115	26,341	26,726	27,268	30,041
Other paid staff	33,779	34,740	34,660	38,026	40,733	40,421	40,381	40,022	38,026
Contributed services	—	—	—	—	1,403	404	326	291	270
Student assistants	—	—	—	—	33,821	29,075	28,411	27,998	28,373
Hours of student and other assistance, in thousands	39,950	39,552	40,068	28,360	—	—	—	—	—
Library operating expenditures (excluding capital outlay)									
Operating expenditures, total, in thousands	\$1,259,637	\$1,502,158	\$1,943,769	\$2,404,524	\$2,770,075	\$3,648,654	\$4,013,333	\$4,301,815	\$4,592,657
Salaries ⁷	698,090	824,438	1,081,894	1,156,138	1,451,551	1,889,368	2,021,233	2,147,842	2,314,380
Hourly wages	68,683	79,535	100,847	—	—	—	—	—	—
Fringe benefits	—	—	—	231,209	—	—	—	—	—
Preservation	22,521	25,274	30,351	32,939	34,144	43,126	46,554	45,610	42,919
Furniture/equipment	—	—	—	—	—	—	55,915	56,128	57,013
Computer hardware/software	—	—	—	—	—	—	128,128	157,949	164,379
Utilities/networks/consortia	—	—	—	—	—	—	81,106	85,113	89,618
Information resources	373,699	450,180	561,199	750,282	891,281	1,197,293	1,348,933	1,499,249	1,600,995
Books and serial backfiles-paper	—	—	—	—	—	—	—	—	514,048
Books and serial backfiles-electronic	—	—	—	—	—	—	—	—	28,061
Current serials- paper	—	—	—	—	—	—	—	—	849,399
Current serials- electronic	—	—	—	—	—	—	—	—	125,470
Audiovisual materials	—	—	—	—	—	23,879	28,753	28,879	30,623
Document delivery/interlibrary loan	—	—	—	—	—	—	12,238	17,645	19,309
Other collection expenditures	373,699	450,180	561,199	750,282	891,281	1,173,414	1,307,942	1,452,725	34,086
Other library operating expenditures	96,643	122,731	169,478	233,957	393,099	518,867	331,463	309,925	323,354
Operating expenditures per FTE student	152	180	216	269	300	352	388	414	450
Operating expenditures per FTE student in constant 1997–98 dollars	418	425	371	411	419	412	417	421	450
Operating expenditures, total, in percents	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Salaries ⁷	55.4	54.9	55.7	48.1	52.4	51.8	50.4	49.9	50.4
Hourly wages	5.5	5.3	5.2	—	—	—	—	—	—
Fringe benefits	—	—	—	9.6	—	—	—	—	—
Preservation	1.8	1.7	1.6	1.4	1.2	1.2	1.2	1.1	0.9
Information resources	29.7	30.0	28.9	31.2	32.2	32.8	33.6	34.9	34.9
Other library operating expenditures ⁸	7.7	8.2	8.7	9.7	14.2	14.2	14.9	14.2	13.8
Library operating expenditures as percent of total institutional expenditures for educational and general purposes	3.8	3.7	3.5	3.4	3.2	3.0	2.8	—	—

¹Not available.¹Includes data for U.S. territories.²Fall enrollment for the academic year specified.³Includes data for schools newly added to the survey system, so end of year figure exceeds total of additions plus end of year value from previous year.⁴Includes microform and electronic serials.⁵Electronic files, formerly labeled "Computer files."⁶Excludes student assistants.⁷Includes expenditures for fringe benefits (except for 1984–85 and 1987–88), salary equivalents of contributed services staff, and hourly wages for 1996–97 and 1997–98.⁸Includes furniture/equipment, computer hardware/software, and utilities/networks/consortia as well as expenditures classified above as "other library operating expenditures."

NOTE: Detail may not sum to totals due to rounding.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Library Statistics of Colleges and Universities*, various years; and Integrated Postsecondary Education Data System, "Academic Library Survey," various years, and "Fall Enrollment Survey 1997." (This table was prepared July 2001.)

Table 421.—Selected statistics on the collections, staff, and operating expenditures of the 60 largest college and university libraries: 1998

Institution	Rank order, by number of volumes	Number of volumes at end of year, in thousands	Full-time-equivalent staff		Operating expenditures, in thousands		Public service hours per week	Gate count per week	Reference transactions per week
			Total	Professional	Total	Salaries and wages			
1	2	3	4	5	6	7	8	9	10
Harvard University (MA)	1	13,982	1,188	351	\$84,473	\$38,250	104	37,560	12,138
Yale University (CT)	2	10,108	611	163	48,331	18,393	111	14,080	1,476
University of Illinois, Urbana Campus	3	9,171	543	115	26,207	14,221	107	34,521	12,743
University of Texas, Austin	4	7,649	574	132	28,744	13,788	147	143,570	5,781
University of California, Berkeley	5	7,263	642	77	29,922	16,611	83	34,521	7,130
University of California, Los Angeles	6	7,212	546	129	38,092	20,419	87	86,602	7,510
University of Michigan, Ann Arbor	7	7,072	594	145	34,655	15,941	168	48,236	4,420
Stanford University (CA)	8	7,036	601	113	47,211	22,997	49	14,080	2,197
Columbia University, Main Division (NY)	9	7,018	513	128	30,743	15,369	104	—	—
University of Chicago (IL)	10	6,271	336	69	21,285	9,140	111	34,120	1,327
Indiana University, Bloomington	11	6,039	499	106	24,336	12,343	115	73,799	11,844
University of Wisconsin, Madison	12	5,902	501	125	29,187	15,833	131	140,386	7,034
University of Washington	13	5,820	502	138	26,605	14,598	106	34,521	7,130
Ohio State University, Main Campus	14	5,784	417	91	23,417	10,786	109	45,696	29,439
University of Minnesota, Twin Cities	15	5,613	431	88	28,490	13,258	106	34,521	4,786
Cornell University (NY)	16	5,218	468	97	22,218	11,078	104	—	2,057
Princeton University (NJ)	17	5,095	371	106	27,049	12,403	112	—	—
University of North Carolina, Chapel Hill	18	4,928	431	122	24,333	11,315	145	—	4,510
Duke University (NC)	19	4,764	359	110	23,919	10,220	122	—	3,426
University of Pennsylvania	20	4,673	392	112	28,838	11,837	143	35,590	7,582
Rutgers University (NJ)	21	4,643	327	72	17,640	10,830	108	74,268	4,473
University of Virginia, Main Campus	22	4,514	363	95	22,854	12,230	117	34,521	8,173
Michigan State University	23	4,188	273	57	16,596	7,798	114	—	3,183
New York University	24	4,167	419	92	26,646	13,112	115	38,000	5,995
University of Kansas, Main Campus	25	4,106	238	59	13,144	6,186	102	34,521	7,130
University of Arizona	26	4,080	293	69	16,157	6,569	154	26,651	2,510
Northwestern University (IL)	27	3,954	351	92	18,443	9,189	123	35,940	1,700
University of Iowa	28	3,927	298	76	20,095	9,040	106	53,661	6,717
University of Oklahoma, Norman Campus	29	3,797	146	33	8,787	3,197	108	16,996	3,529
University of Pittsburgh, Main Campus (PA)	30	3,552	335	85	17,909	7,798	120	49,933	6,107
University of Georgia	31	3,458	360	71	18,825	8,164	104	22,898	2,348
University of Florida	32	3,401	416	111	19,920	9,403	108	57,272	4,600
University of Southern California	33	3,337	338	80	23,975	10,128	24	60,846	3,129
Washington University (MO)	34	3,295	265	73	18,040	6,727	117	47,046	8,494
University of Hawaii, Manoa	35	3,167	243	65	11,934	6,574	87	29,671	3,513
State U. of New York, Buffalo, Main Campus	36	3,107	263	72	14,733	7,427	90	62,400	6,890
Johns Hopkins University (MD)	37	3,098	308	58	22,904	8,907	120	31,258	43,066
Arizona State University	38	3,074	295	82	17,332	7,920	102	30,944	4,948
University of South Carolina at Columbia	39	3,067	277	78	15,232	6,492	111	21,000	3,500
Wayne State University (MI)	40	3,046	278	46	16,050	7,631	97	50,144	17,256
Syracuse University, Main Campus (NY)	41	3,036	273	49	10,354	5,284	105	14,852	4,536
University of Colorado, Boulder	42	3,022	258	62	17,875	7,248	106	2,045	4,582
Louisiana State U. & A&M & Hebert Laws Center	43	3,014	203	50	10,816	4,953	111	41,287	2,931
University of Rochester (NY)	44	2,996	216	59	12,256	5,377	116	21,811	1,232
Brown University (RI)	45	2,979	241	61	13,528	6,574	111	20,392	1,451
University of Missouri, Columbia	46	2,856	246	58	11,274	5,365	104	30,874	2,677
Pennsylvania State University, Main Campus	47	2,832	415	77	22,642	10,769	168	71,665	5,191
University of Massachusetts at Amherst	48	2,826	194	46	11,163	5,571	105	27,000	2,750
Brigham Young University (UT)	49	2,823	386	84	13,494	6,612	101	71,917	9,968
Kansas State University	50	2,770	139	42	7,302	3,208	90	15,407	1,549
Southern Illinois University, Carbondale	51	2,740	229	40	11,097	5,239	92	15,340	3,035
University of Kentucky	52	2,719	362	87	17,418	7,962	144	45,284	3,881
North Carolina State University at Raleigh	53	2,713	324	85	17,222	6,924	146	35,654	2,952
University of Maryland, College Park Campus	54	2,700	329	108	16,373	9,213	98	58,789	6,311
University of Utah	55	2,684	381	67	19,778	8,563	105	76,231	7,538
University of California, Davis	56	2,672	267	50	14,781	8,464	87	24,217	4,431
University of Notre Dame (IN)	57	2,644	237	46	15,032	6,192	126	20,000	1,080
University of California, San Diego	58	2,578	322	49	18,729	9,693	109	36,180	3,501
Vanderbilt University (TN)	59	2,512	291	80	15,946	7,299	111	21,600	2,103
Auburn University, Main Campus (AL)	60	2,505	142	32	9,267	3,792	99	11,799	3,280

—Not available.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, "Academic Library Survey 1998." (This table was prepared August 2001.)

Table 422.—General statistics of public libraries, by population of legal service area: 2000

Item	Population of legal service area						
	Total	Under 10,000	10,000 to 49,999	50,000 to 99,999	100,000 to 249,999	250,000 to 499,999	500,000 and over
1	2	3	4	5	6	7	8
Number of public library service outlets	17,182	5,749	4,205	1,790	2,140	1,108	2,190
Central libraries	8,915	5,423	2,582	499	281	73	57
Branch libraries	7,383	255	1,326	1,113	1,693	964	2,032
Bookmobiles	884	71	297	178	166	71	101
Collections, in thousands							
Books and serial volumes ¹	760,513	99,639	185,480	91,633	112,461	75,126	196,173
54,021	5,456	13,020	6,662	8,241	5,184	15,458	
1,944	276	487	209	254	193		523
Paid staff, in full-time equivalents							
Librarians	43,118	6,016	11,317	5,156	6,018	4,195	10,416
Librarians with ALA-MLS ²	29,519	1,221	6,904	3,761	4,858	3,441	9,334
Other staff	86,984	5,479	20,404	11,770	15,787	9,492	24,053
Income, in thousands							
Total operating income	\$7,702,768	\$499,840	\$1,744,932	\$967,817	\$1,246,162	\$858,994	\$2,385,022
	Percentage distribution						
Source of operating income							
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Federal ³	0.7	1.5	0.6	0.6	0.7	0.6	0.9
State	12.8	7.8	12.3	15.2	11.6	13.0	13.3
Local	77.1	69.3	77.4	76.0	80.2	79.0	75.9
Other and private	9.4	21.4	9.8	8.2	7.5	7.4	10.0

¹ Some data are different from other tables due to a different population base.² ALA-MLS=A master's degree from a graduate library education program accredited by the American Library Association (ALA).³ Excludes some federal funds received through state library agencies.

NOTE: Detail may not sum to totals due to rounding. Data include imputations for non-response.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 2000*. (This table was prepared August 2002.)**Table 423.—Public libraries, books and serial volumes, library visits, and reference transactions, by state: Fiscal year 2000**

State	Number of public libraries	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita ²	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³	State	Number of public libraries	Number of books and serial volumes ¹ (in thousands)	Number of books and serial volumes per capita	Library visits per capita ²	Circulation per capita	Public library reference transactions per capita ³
1	2	3	4	5	6	7	1	2	3	4	5	6	7
United States	9,074	760,513	2.9	4.3	6.4	1.1							
Alabama	206	8,600	2.0	2.8	3.5	0.6	Missouri	147	22,697	4.8	4.9	8.1	1.3
Alaska	87	2,224	3.5	4.6	5.8	0.6	Montana	79	2,638	3.0	3.9	5.5	0.6
Arizona	39	8,723	1.8	4.3	6.4	0.9	Nebraska	240	5,605	4.0	4.5	8.0	0.8
Arkansas	43	5,408	2.2	2.9	4.3	0.6	Nevada	23	4,136	2.2	3.6	4.9	0.7
California	179	66,193	1.9	3.9	4.8	1.1	New Hampshire	228	5,506	4.5	4.8	7.2	0.7
Colorado	113	10,863	2.6	5.5	9.5	1.4	New Jersey	303	30,593	3.7	4.7	5.5	0.8
Connecticut	194	14,238	4.3	6.2	8.5	1.2	New Mexico	78	4,108	2.7	5.1	5.2	0.7
Delaware	37	1,445	2.2	4.2	6.4	0.9	New York	750	77,571	4.6	6.1	7.3	1.9
District of Columbia	1	2,385	4.2	(4)	1.9	(4)	North Carolina	76	15,609	2.0	3.8	5.6	0.9
Florida	72	29,222	1.8	3.5	4.8	1.5	North Dakota	81	2,145	3.9	4.4	7.2	0.7
Georgia	57	14,869	1.9	3.1	4.4	0.8	Ohio	250	47,122	4.2	5.8	12.8	1.6
Hawaii	1	3,194	2.7	5.3	5.8	1.0	Oklahoma	115	6,110	2.2	4.4	6.0	0.8
Idaho	106	3,506	3.2	5.0	7.5	0.8	Oregon	125	8,346	2.7	(4)	11.1	0.8
Illinois	628	41,014	3.8	5.5	7.8	1.5	Pennsylvania	457	26,351	2.3	3.3	4.7	0.8
Indiana	239	21,730	4.2	6.2	11.1	1.4	Rhode Island	48	4,345	4.1	5.2	6.2	0.9
Iowa	535	11,595	4.0	5.1	8.6	0.7	South Carolina	41	8,055	2.1	3.4	4.5	1.1
Kansas	321	10,207	4.7	5.2	9.6	1.3	South Dakota	120	2,703	4.3	4.7	7.4	(4)
Kentucky	116	7,856	2.0	3.3	5.1	0.5	Tennessee	183	9,747	1.8	2.8	3.8	0.7
Louisiana	65	10,608	2.4	2.9	4.0	1.1	Texas	538	35,040	1.9	2.9	4.3	0.9
Maine	271	5,683	4.9	4.8	7.0	0.8	Utah	70	5,756	2.6	4.9	10.0	(4)
Maryland	24	15,387	3.0	5.1	8.9	1.3	Vermont	190	2,772	5.1	5.7	7.2	0.7
Massachusetts	371	30,238	4.9	(4)	7.4	0.9	Virginia	90	18,378	2.7	4.2	7.8	1.0
Michigan	384	26,753	2.9	4.3	5.5	0.8	Washington	66	16,561	2.9	4.6	9.4	1.4
Minnesota	140	15,599	3.2	4.6	9.0	1.1	West Virginia	97	4,814	2.7	3.6	4.6	0.9
Mississippi	49	5,602	2.0	2.7	3.1	0.5	Wisconsin	378	18,294	3.4	5.5	8.7	1.1
							Wyoming	23	2,375	5.0	5.6	7.7	0.9

¹ Some data are different from other tables due to a different population base.² The total number of persons entering the library for whatever purpose during the year.³ A reference transaction is an information contact which involves the knowledge, use, recommendations, interpretation or instructions in the use of one or more information sources by a member of the library staff.⁴ Data not shown because response rate is less than 70 percent.

NOTE: Data include imputations for nonresponse.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Public Libraries in the United States: FY 2000*. (This table was prepared August 2002.)

Table 424.—Percent of workers, 18 years old and over, using computers on the job, by type of computer application and selected characteristics: 1993, 1997, and 2001

Selected characteristics	Percent using computers at work, 1993	Percent using computers at work, 1997	2001									
			Percent using computers at work	Number using computers at work, in thousands	Percent of on-the-job computer workers using specific computer applications ¹							
					Spreadsheets/databases	Internet/email	Calendar/schedule	Graphics/design	Programming	Word processing/desktop publishing	Other uses	Using 4 or more categories
1	2	3	4	5	6	7	8	9	10	11	12	13
Total	45.8	49.8 (0.2)	54.2 (0.2)	71,782	62.5	72.2	53.2	28.9	15.3	67.2	13.0	43.9
Age												
18 to 24	34.4	37.1 (0.7)	37.8 (0.6)	6,592	53.7	58.2	47.5	21.3	12.7	55.1	13.5	32.2
25 to 29	48.3	52.5 (0.7)	56.3 (0.7)	7,871	65.9	73.7	54.9	28.6	17.2	67.5	12.6	46.3
30 to 39	50.7	53.3 (0.5)	58.4 (0.5)	19,266	66.5	75.0	56.6	31.5	17.4	69.5	12.3	48.2
40 to 49	51.3	54.9 (0.5)	58.6 (0.5)	20,663	63.6	73.5	54.9	30.4	15.9	68.8	12.6	45.7
50 to 59	43.9	50.7 (0.6)	57.4 (0.6)	13,346	61.2	74.0	51.3	29.2	12.5	69.1	13.4	43.2
60 or older	27.2	32.6 (0.9)	42.2 (0.9)	4,045	50.1	65.7	40.2	20.8	12.3	61.0	16.4	31.5
Educational attainment and sex												
Not high school completer	10.0	11.9 (0.5)	16.0 (0.5)	2,243	43.9	45.7	40.9	15.4	10.9	44.8	21.1	21.8
High school completer	34.2	36.4 (0.4)	38.8 (0.4)	16,172	52.7	58.3	45.7	19.3	11.2	54.2	14.5	30.0
Some college	50.4	53.6 (0.5)	55.8 (0.5)	15,012	59.3	67.0	49.8	25.6	13.7	62.1	13.2	38.4
Associate degree	58.2	60.7 (0.8)	62.0 (0.8)	7,482	57.6	66.4	51.0	25.8	15.0	60.9	15.0	37.9
Bachelor's degree	68.8	73.9 (0.5)	80.3 (0.4)	20,102	72.6	84.1	60.1	36.5	18.5	77.3	10.9	56.2
Master's degree	71.2	78.7 (0.8)	85.0 (0.7)	7,423	72.1	86.8	61.0	41.0	19.4	84.8	9.9	60.1
Doctor's or professional degree	66.9	74.6 (1.2)	82.5 (1.0)	3,348	65.8	88.2	58.1	33.2	17.7	81.9	14.4	54.4
Male	40.3	44.1 (0.3)	48.5 (0.3)	34,446	65.1	75.4	55.4	32.1	20.5	64.5	13.0	47.5
Not high school completer	8.5	9.8 (0.5)	12.9 (0.6)	1,140	43.1	50.2	39.0	16.9	12.4	40.2	19.8	20.9
High school completer	24.2	27.1 (0.5)	29.3 (0.5)	6,545	50.0	57.9	44.8	21.4	15.1	45.4	16.2	29.3
Some college	42.8	46.0 (0.7)	50.0 (0.7)	6,780	59.6	67.6	49.8	27.8	17.5	56.1	14.0	39.2
Associate degree	52.6	55.2 (1.2)	57.5 (1.1)	3,285	60.3	70.7	50.9	29.1	21.8	57.0	13.8	41.1
Bachelor's degree	69.8	74.3 (0.7)	79.7 (0.6)	10,536	76.6	87.2	64.0	39.5	24.7	76.3	10.4	60.7
Master's degree	75.4	79.8 (1.1)	85.0 (0.9)	3,881	78.0	89.8	65.7	42.9	25.3	83.2	9.2	65.6
Doctor's or professional degree	66.5	73.4 (1.4)	81.9 (1.2)	2,279	67.8	89.0	60.5	34.4	19.7	81.5	13.9	55.8
Female	52.4	56.5 (0.3)	60.7 (0.3)	37,336	60.1	69.1	51.1	26.0	10.5	69.7	13.0	40.6
Not high school completer	12.5	15.4 (0.8)	21.3 (0.9)	1,103	44.8	41.1	43.0	14.0	9.5	49.6	22.3	22.8
High school completer	45.2	46.9 (0.6)	49.7 (0.6)	9,627	54.6	58.5	46.4	17.9	8.5	60.3	13.3	30.4
Some college	58.6	61.5 (0.7)	61.8 (0.7)	8,232	58.9	66.6	49.9	23.9	10.6	67.0	12.6	37.8
Associate degree	63.7	65.4 (1.0)	66.0 (0.9)	4,196	55.5	63.1	51.1	23.2	9.6	64.0	15.9	35.4
Bachelor's degree	67.6	73.5 (0.7)	81.0 (0.6)	9,566	68.2	80.7	55.9	33.2	11.8	78.5	11.4	51.4
Master's degree	66.5	77.5 (1.1)	85.0 (0.9)	3,542	65.5	83.5	55.8	38.8	12.9	86.5	10.6	54.1
Doctor's or professional degree	68.2	77.6 (2.1)	84.0 (1.6)	1,069	61.7	86.3	52.9	30.5	13.5	82.7	15.4	51.5
Race/ethnicity												
White, non-Hispanic	48.7	53.8 (0.3)	59.0 (0.3)	57,160	63.2	73.2	53.2	29.4	14.9	67.8	13.2	44.6
Black, non-Hispanic	36.2	40.0 (0.7)	43.8 (0.7)	6,460	57.1	67.2	54.0	26.4	16.0	62.8	13.0	39.9
Hispanic	29.3	30.2 (0.8)	32.4 (0.8)	4,730	58.1	61.9	49.8	22.9	12.6	64.2	11.7	36.7
Asian, Pacific Islander	—	—	56.8 —	3,012	67.2	77.9	56.2	32.8	24.7	68.5	11.4	51.2
American Indian, Alaska Native	—	—	45.5 —	419	62.3	76.2	59.5	33.1	22.9	70.0	14.4	47.3
Occupational group												
Managerial and professional specialty	67.7	74.6 (0.4)	79.7 (0.3)	33,357	70.3	82.7	60.8	37.2	18.6	78.3	11.0	56.0
Executive, administrative, and managerial	72.3	77.5 (0.5)	80.4 (0.5)	16,289	77.0	83.5	65.3	34.5	16.6	79.0	9.4	58.7
Professional specialty occupations	68.3	71.7 (0.6)	79.0 (0.5)	17,069	63.9	81.9	56.5	39.9	20.5	77.7	12.5	53.4
Teachers, except college and university	49.1	60.3 (1.2)	72.0 (1.0)	3,957	58.2	78.3	50.0	42.8	11.6	85.0	11.3	49.9
Teachers, college and university	72.5	79.9 (2.2)	88.7 (1.7)	909	72.7	94.1	50.4	46.9	25.6	92.1	17.0	64.8
Technical, sales, and administrative support	65.5	79.1 (0.4)	88.1 (0.4)	25,808	60.0	67.7	48.7	22.5	12.5	62.9	13.0	37.1
Technicians and related support	69.9	75.1 (1.1)	75.0 (1.1)	3,443	59.3	70.4	52.4	29.3	26.9	58.6	14.3	41.9
Sales occupations	48.8	54.8 (0.7)	59.3 (0.7)	9,037	60.6	70.1	49.2	25.8	11.2	60.4	14.2	39.5
Administrative support, including clerical	76.7	77.6 (0.5)	73.8 (0.6)	13,328	59.7	65.3	47.4	18.6	9.6	65.7	11.9	34.2
Service occupations	14.7	16.4 (0.5)	23.8 (0.6)	4,090	44.8	52.5	46.9	17.8	9.1	53.8	17.9	26.2
Precision production, craft, and repair	23.2	25.0 (0.6)	30.0 (0.7)	4,440	51.6	59.9	45.4	23.7	17.5	46.5	17.5	30.8
Operators, fabricators, and laborers	14.9	17.3 (0.5)	19.7 (0.5)	3,423	41.2	43.2	32.6	17.0	9.6	35.5	20.7	18.5
Farming, forestry, and fishing	8.5	9.3 (0.9)	19.5 (1.2)	664	61.0	67.7	43.5	21.6	10.8	60.9	12.3	31.3
Family income²												
Less than \$20,000	25.1	26.7 (0.5)	28.0 (0.7)	3,780	49.0	52.8	40.6	21.2	11.2	51.9	19.4	27.6
\$20,000 to \$29,999	38.4	38.4 (0.6)	37.5 (0.7)	4,914	51.5	59.7	42.0	21.3	11.2	56.1	19.3	30.5
\$30,000 to \$39,999	45.7	45.8 (0.6)	47.3 (0.7)	6,792	56.5	63.1	44.9	23.9	13.0	60.8	15.9	35.3
\$40,000 to \$49,999	51.9	52.3 (0.7)	52.3 (0.8)	6,430	58.8	68.4	50.5	27.3	13.9	62.9	14.3	39.3
\$50,000 to \$74,999	60.6	59.9 (0.5)	60.8 (0.5)	16,081	63.2	71.6	52.5	28.9	15.7	66.1	12.7	43.2
\$75,000 or more	65.9	69.7 (0.5)	73.4 (0.4)	24,874	69.9	81.8	61.1	33.7	17.7	75.4	10.3	53.9
Income not reported ³	—	—	47.0 (0.6)	8,911	59.7	70.9	51.9	28.0	14.7	67.1	11.7	41.7

—Not available.

¹ Individuals may be counted in more than one computer activity.² Data for 1993 and 1997 excludes persons whose income data were unavailable.³ Includes survey respondents who did not know income, left the question blank, or refused to provide income information.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1993, October 1997, and September 2001, unpublished data. (This table was prepared September 2002.)

Table 425.—Use of the Internet by persons 3 years old and over, by type of use and selected characteristics of students and other users:
September 2001

**Table 425.—Use of the Internet by persons 3 years old and over, by type of use and selected characteristics of students and other users:
September 2001—Continued**

Selected characteristics	Number of persons using the Internet, in thousands	Percent using the Internet anywhere	Percent using the Internet at school	Percent of Internet users using the Internet for various activities during the year ¹								
				2	3	4	5	6	7	8	9	10
Black non-Hispanic	5,644 (109)	52.4 (0.8)	35.0 (0.8)	71.0 (1.0)	58.4 (1.1)	60.4 (1.1)	37.3 (0.4)	40.1 (1.1)	20.3 (1.2)	22.6 (1.3)	10.1 (0.9)	20.2 (1.2)
Elementary/secondary ⁵	3,951 (95)	46.6 (0.9)	30.7 (0.8)	65.2 (1.2)	47.6 (1.3)	65.2 (1.2)	0.9 (0.2)	25.5 (1.1)	31.7 (1.2)	11.3 (1.5)	2.4 (0.7)	7.6 (1.3)
3 to 5 years old	252 (26)	24.1 (2.2)	20.9 (1.6)	29.9 (4.7)	23.3 (4.4)	70.9 (4.7)	6.0 (2.4)	62.3 (3.4)	20.2 (2.2)	—	—	—
6 to 9 years old	890 (48)	39.0 (1.7)	24.6 (1.5)	49.8 (2.7)	36.1 (2.6)	65.3 (2.6)	0.6 (0.4)	11.0 (1.7)	35.6 (2.0)	—	—	—
10 to 14 years old	1,611 (64)	51.6 (1.5)	34.2 (1.4)	68.5 (1.9)	45.3 (2.0)	67.1 (1.9)	0.7 (0.3)	39.1 (2.3)	8.6 (1.3)	11.3 (1.5)	2.4 (0.7)	7.6 (1.3)
15 years old and over	1,198 (55)	58.9 (1.8)	42.5 (1.4)	79.5 (1.9)	64.2 (2.3)	61.5 (2.3)	1.6 (0.6)	38.8 (2.3)	28.6 (1.8)	30.5 (1.8)	15.5 (1.4)	29.1 (1.8)
College	1,693 (65)	74.1 (1.5)	51.0 (1.7)	84.6 (1.4)	83.6 (1.5)	49.1 (2.0)	8.5 (1.1)	64.7 (1.9)	59.7 (2.0)	—	—	—
Hispanic	4,573 (106)	45.9 (0.9)	30.9 (0.8)	73.9 (1.1)	55.8 (1.3)	54.4 (1.3)	3.1 (0.4)	38.1 (1.3)	39.3 (1.3)	19.1 (1.4)	19.9 (1.5)	14.4 (1.3)
Elementary/secondary ⁵	3,370 (94)	40.5 (0.9)	27.0 (0.9)	71.5 (1.4)	46.2 (1.5)	58.5 (1.5)	1.4 (0.4)	27.8 (1.3)	31.7 (1.4)	12.0 (1.7)	8.8 (1.5)	6.8 (1.3)
3 to 5 years old	194 (24)	17.3 (2.0)	8.6 (1.5)	34.9 (6.0)	25.3 (5.5)	63.7 (6.0)	++	7.8 (3.4)	12.5 (4.2)	—	—	—
6 to 9 years old	651 (44)	27.1 (1.6)	51.3 (3.4)	76.7 (3.0)	61.5 (3.3)	61.5 (3.3)	++	15.0 (2.4)	17.3 (2.6)	—	—	—
10 to 14 years old	1,423 (64)	48.4 (1.6)	32.7 (1.5)	76.6 (2.0)	43.3 (2.3)	58.4 (2.3)	0.8 (0.4)	23.3 (2.0)	31.0 (2.1)	—	—	—
15 years old and over	1,103 (57)	59.3 (2.0)	42.0 (2.0)	83.1 (2.0)	65.3 (2.5)	56.0 (2.6)	3.0 (0.9)	44.8 (2.6)	44.2 (2.6)	12.0 (1.7)	8.8 (1.5)	6.8 (1.3)
College	1,203 (59)	50.4 (2.2)	80.6 (2.0)	82.8 (1.9)	42.8 (2.5)	79.1 (1.4)	66.8 (2.4)	60.9 (2.5)	25.7 (2.2)	30.2 (2.3)	19.3 (2.0)	21.4 (2.1)
Family income ⁴	Less than \$6,000	2,246 (79)	49.3 (1.3)	36.4 (1.2)	72.6 (1.6)	64.6 (1.8)	49.0 (1.8)	45.8 (0.8)	49.7 (1.8)	22.8 (2.0)	25.3 (2.0)	16.4 (1.7)
\$10,000 to \$19,999	3,127 (91)	48.3 (1.1)	35.1 (1.0)	40.1 (1.2)	70.3 (1.4)	59.4 (1.5)	50.9 (1.6)	5.2 (0.7)	42.8 (1.5)	29.4 (1.9)	15.5 (1.5)	20.5 (1.9)
\$20,000 to \$29,999	4,208 (103)	56.5 (1.0)	61.0 (1.0)	41.2 (1.0)	60.5 (1.3)	56.8 (1.3)	3.8 (0.5)	41.5 (1.3)	43.4 (1.6)	20.3 (1.5)	23.4 (1.6)	18.8 (1.5)
\$30,000 to \$39,999	4,334 (105)	69.6 (1.0)	46.5 (1.1)	73.3 (1.2)	66.2 (1.2)	55.3 (1.3)	3.5 (0.5)	43.4 (1.3)	21.4 (1.5)	23.2 (1.6)	12.2 (1.2)	19.2 (1.5)
\$40,000 to \$49,999	4,332 (105)	69.6 (1.0)	47.7 (0.8)	76.0 (0.8)	59.5 (1.2)	69.4 (1.2)	3.5 (0.5)	41.5 (1.3)	19.4 (1.5)	24.9 (1.7)	13.6 (1.3)	18.9 (1.5)
\$50,000 to \$74,999	9,221 (131)	73.4 (0.7)	53.4 (0.5)	80.9 (0.6)	80.3 (0.6)	56.7 (0.7)	3.5 (0.3)	46.3 (0.9)	46.8 (0.9)	20.0 (1.0)	20.0 (1.0)	14.4 (0.9)
\$75,000 or more	13,538 (134)	80.2 (0.5)	—	—	—	—	—	53.3 (0.7)	49.5 (0.8)	21.0 (0.8)	21.0 (0.8)	11.9 (0.7)

#Not available.

[†]Did not meet reporting standard.

¹People were allowed to select multiple activities.

²Percentages based on persons 15 years old and over.

³Includes on-line banking and stock and securities transactions.

⁴Excludes persons not reporting income.

⁵Includes prekindergarten through grade 12.

NOTE: Data are based on a sample survey of households and are subject to sampling and nonsampling error. Includes students in both public and private schools and colleges. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, September 2001, unpublished data. (This table was prepared February 2003.)

Table 426.—Percent of home computer users using specific applications, by selected characteristics: October 1997 and September 2001

Selected characteristics	Number of home computer users, 1997, in thousands	Percent of persons using computers at home, 1997	Number of home computer users, 2001, in thousands	Percent of persons using computers at home, 2001	Percent of computer users using specific applications, 2001 ¹							
					Word processing	Connect to internet	Email	Spread-sheets/ databases ²	Graphics/design ²	School assignments	Household records/finances ²	Games
1	2	3	4	5	6	7	8	9	10	11	12	13
Total, age 3 and over	81,013 (600)	31.7 (0.2)	138,915 (873)	52.4 (0.2)	55.0 (0.2)	83.2 (0.2)	74.2 (0.2)	— —	— —	25.7 (0.2)	— —	65.6 (0.2)
Total, age 15 and over	62,239 (505)	30.0 (0.2)	109,901 (739)	50.8 (0.2)	59.2 (0.3)	89.3 (0.2)	83.3 (0.2)	31.8 (0.2)	25.5 (0.2)	17.9 (0.2)	28.5 (0.2)	58.2 (0.3)
Sex												
Male	41,260 (413)	33.1 (0.2)	68,255 (585)	52.8 (0.2)	50.9 (0.3)	83.6 (0.2)	72.9 (0.3)	26.8 (0.3)	20.2 (0.3)	25.1 (0.3)	23.4 (0.3)	68.9 (0.3)
Female	39,753 (385)	30.3 (0.2)	70,660 (573)	51.9 (0.2)	58.9 (0.3)	82.8 (0.2)	75.5 (0.3)	23.5 (0.3)	20.2 (0.2)	26.2 (0.3)	21.7 (0.2)	62.4 (0.3)
Race/ethnicity												
White, non-Hispanic	68,026 (544)	36.9 (0.2)	110,314 (757)	59.1 (0.2)	55.5 (0.3)	84.7 (0.2)	76.3 (0.2)	25.7 (0.2)	20.4 (0.2)	23.8 (0.2)	23.6 (0.2)	65.1 (0.2)
Black, non-Hispanic	4,943 (136)	15.6 (0.4)	11,288 (227)	33.9 (0.5)	54.7 (0.8)	78.0 (0.7)	66.2 (0.8)	24.3 (0.7)	20.7 (0.7)	33.1 (0.8)	18.9 (0.7)	71.0 (0.8)
Hispanic	4,081 (139)	14.5 (0.4)	9,830 (241)	30.6 (0.5)	48.1 (1.0)	72.1 (0.9)	59.4 (1.0)	18.9 (0.8)	17.2 (0.8)	33.4 (0.9)	16.2 (0.7)	68.5 (0.9)
Asian/Pacific Islander	3,469 (126)	37.6 (1.0)	6,519 (185)	61.1 (0.9)	57.5 (1.2)	86.1 (0.8)	77.1 (1.0)	27.1 (1.1)	20.3 (1.0)	32.8 (1.1)	20.8 (1.0)	58.3 (1.2)
American Indian/Alaska Native	493 (44)	23.0 (1.8)	964 (63)	42.6 (2.1)	47.8 (3.2)	72.3 (2.8)	59.8 (3.1)	19.2 (2.5)	18.2 (2.5)	29.1 (2.9)	16.3 (2.3)	77.2 (2.7)
Age												
3 to 14	18,774 (250)	39.1 (0.4)	29,014 (319)	59.4 (0.4)	39.0 (0.5)	60.2 (0.5)	39.9 (0.5)	— —	— —	54.9 (0.5)	— —	93.6 (0.2)
15 to 19	8,395 (162)	43.1 (0.6)	13,624 (210)	67.4 (0.6)	70.1 (0.7)	87.9 (0.5)	80.8 (0.6)	25.1 (0.6)	32.3 (0.7)	81.0 (0.6)	5.2 (0.3)	81.1 (0.6)
20 to 24	4,975 (124)	28.5 (0.6)	10,471 (182)	55.1 (0.6)	65.3 (0.8)	88.6 (0.5)	83.2 (0.6)	31.6 (0.8)	28.9 (0.8)	41.7 (0.8)	17.0 (0.6)	68.0 (0.8)
25 to 29	5,963 (136)	31.7 (0.6)	9,729 (175)	55.3 (0.6)	58.7 (0.9)	91.5 (0.5)	86.2 (0.6)	35.7 (0.8)	27.3 (0.8)	14.0 (0.6)	34.5 (0.8)	59.8 (0.9)
30 to 39	15,393 (224)	35.8 (0.4)	24,514 (290)	59.9 (0.4)	56.4 (0.5)	90.1 (0.3)	84.5 (0.4)	34.7 (0.5)	25.9 (0.5)	6.5 (0.3)	35.5 (0.5)	57.3 (0.5)
40 to 49	15,346 (242)	38.3 (0.4)	25,022 (293)	57.7 (0.4)	58.0 (0.5)	90.5 (0.3)	83.5 (0.4)	33.9 (0.5)	25.4 (0.5)	3.8 (0.2)	33.9 (0.5)	52.1 (0.5)
50 to 59	7,679 (155)	28.5 (0.5)	15,887 (228)	50.2 (0.5)	58.0 (0.7)	89.6 (0.4)	83.7 (0.5)	33.2 (0.6)	23.0 (0.6)	2.4 (0.2)	32.8 (0.6)	46.3 (0.7)
60 to 69	3,162 (98)	16.2 (0.5)	6,874 (146)	34.2 (0.6)	53.6 (1.0)	87.0 (0.7)	81.8 (0.8)	26.7 (0.9)	16.8 (0.8)	0.1 (0.1)	29.8 (1.0)	51.1 (1.0)
70 or older	1,327 (63)	5.9 (0.3)	3,780 (107)	16.1 (0.4)	44.7 (1.4)	81.2 (1.1)	76.0 (1.2)	17.8 (1.1)	11.0 (0.9)	0.0 0.0	26.3 (1.2)	52.8 (1.4)
Family income ³												
Under \$20,000	7,374 (152)	11.0 (0.2)	9,589 (174)	22.6 (0.4)	49.8 (0.9)	70.3 (0.8)	61.6 (0.9)	18.8 (0.7)	17.4 (0.7)	35.0 (0.8)	15.0 (0.6)	73.2 (0.8)
\$20,000 to \$29,999	7,819 (156)	19.9 (0.3)	10,590 (183)	35.5 (0.5)	46.1 (0.8)	75.9 (0.7)	67.1 (0.8)	17.6 (0.6)	17.8 (0.6)	25.5 (0.7)	16.1 (0.6)	71.8 (0.8)
\$30,000 to \$39,999	10,370 (181)	28.5 (0.4)	13,295 (207)	47.7 (0.5)	49.0 (0.7)	78.0 (0.6)	68.8 (0.7)	20.5 (0.6)	17.5 (0.6)	24.3 (0.6)	19.8 (0.6)	70.1 (0.7)
\$40,000 to \$49,999	9,627 (174)	36.9 (0.5)	13,222 (206)	58.9 (0.6)	52.2 (0.8)	81.9 (0.6)	72.0 (0.7)	21.0 (0.6)	18.6 (0.6)	25.8 (0.7)	20.9 (0.6)	71.2 (0.7)
\$50,000 to \$74,999	21,685 (271)	46.5 (0.4)	30,245 (327)	67.7 (0.4)	53.7 (0.5)	84.2 (0.4)	74.8 (0.4)	24.9 (0.4)	20.2 (0.4)	24.9 (0.4)	22.5 (0.4)	66.8 (0.5)
\$75,000 or more	24,138 (287)	60.3 (0.4)	44,909 (413)	79.6 (0.3)	62.6 (0.4)	88.5 (0.3)	80.2 (0.3)	31.7 (0.4)	23.1 (0.3)	25.4 (0.4)	27.5 (0.4)	59.6 (0.4)

—Not available.

¹ Individuals may be counted in more than one computer activity.² Data are for persons 15 years old and over.³ Excludes persons not reporting income.

NOTE: Excludes persons under age 3. Detail may not sum to totals due to rounding. Standard errors appear in parentheses.

SOURCE: U.S. Department of Commerce, Bureau of the Census, Current Population Survey, October 1997 and September 2001, unpublished data. (This table was prepared March 2003.)

Table 427.—Percent of student home computer users using specific applications, by selected characteristics: September 2001

Selected characteristics of students	Number of students using computers at home, in thousands	Percent using computer at home	Percent of home computer users using specific applications ¹								
			Games	Internet	School assignments	Email	Word processing	Graphics and design	Spread-sheets and databases	Personal finances	
1	2	3	4	5	6	7	8	9	10	11	12
Total, all students	70,304 (335)	48,198 (298)	68.6 (0.3)	83.3 (0.3)	74.6 (0.3)	73.9 (0.3)	61.0 (0.3)	56.6 (0.3)	— —	— —	— —
Elementary/secondary	53,864 (309)	35,429 (265)	65.8 (0.3)	90.9 (0.2)	68.6 (0.4)	68.4 (0.4)	51.5 (0.4)	48.7 (0.4)	— —	— —	— —
Under age 6	6,616 (123)	3,584 (91)	54.2 (0.9)	94.9 (0.6)	31.0 (1.2)	17.1 (1.0)	11.4 (0.8)	11.7 (0.8)	— —	— —	— —
Ages 6 to 9	14,821 (181)	9,197 (144)	62.1 (0.6)	95.3 (0.3)	51.5 (0.8)	42.9 (0.8)	26.9 (0.7)	25.6 (0.7)	— —	— —	— —
Ages 10 to 14	19,633 (206)	13,602 (174)	69.3 (0.5)	92.2 (0.4)	77.5 (0.6)	83.5 (0.5)	59.7 (0.6)	59.1 (0.6)	— —	— —	— —
15 years old or over	12,794 (169)	9,047 (143)	70.7 (0.6)	82.9 (0.6)	87.5 (0.5)	91.8 (0.4)	80.2 (0.6)	71.0 (0.7)	32.7 (0.8)	23.8 (0.7)	4.2 (0.3)
White, non-Hispanic	8,222 (137)	6,696 (124)	81.4 (0.7)	83.1 (0.7)	90.3 (0.6)	93.1 (0.5)	83.9 (0.7)	72.6 (0.8)	33.2 (0.9)	24.5 (0.8)	4.1 (0.4)
Black, non-Hispanic	2,035 (71)	900 (48)	44.2 (1.8)	87.9 (1.8)	78.4 (2.2)	85.7 (1.9)	66.2 (2.6)	65.3 (2.6)	29.4 (2.5)	19.3 (2.2)	4.1 (1.1)
Hispanic	1,860 (72)	913 (52)	49.1 (2.0)	79.6 (2.3)	75.7 (2.5)	86.8 (2.0)	67.3 (2.7)	64.5 (2.8)	31.4 (2.7)	23.3 (2.4)	4.4 (1.2)
Asian/Pacific Islander	557 (41)	466 (37)	83.6 (2.7)	75.9 (3.5)	89.2 (2.5)	95.5 (1.7)	80.4 (3.2)	72.2 (3.6)	36.5 (3.9)	23.2 (3.4)	3.4 (1.5)
American Indian/Alaska Native	120 (19)	71 (15)	59.0 (7.8)	82.6 (7.9)	71.0 (9.4)	88.5 (6.6)	68.0 (9.7)	65.4 (9.9)	23.4 (8.8)	20.9 (8.4)	10.0 (6.2)
Undergraduate	13,291 (172)	10,047 (151)	75.6 (0.6)	67.0 (0.7)	90.3 (0.5)	89.7 (0.5)	86.0 (0.5)	76.9 (0.6)	33.7 (0.7)	37.2 (0.7)	17.7 (0.6)
White, non-Hispanic	9,010 (143)	7,272 (129)	80.7 (0.6)	66.8 (0.8)	92.3 (0.5)	90.0 (0.5)	88.4 (0.6)	77.3 (0.8)	34.2 (0.9)	36.9 (0.9)	18.3 (0.7)
Black, non-Hispanic	1,901 (69)	1,099 (53)	57.8 (1.9)	70.7 (2.2)	84.1 (1.8)	89.2 (1.5)	78.2 (2.0)	76.8 (2.1)	33.6 (2.3)	41.9 (2.4)	18.7 (1.9)
Hispanic	1,450 (64)	900 (51)	62.0 (2.2)	66.2 (2.2)	82.2 (2.2)	83.4 (1.8)	75.1 (2.5)	75.0 (2.5)	33.4 (2.7)	35.7 (2.8)	15.5 (2.1)
Asian/Pacific Islander	837 (50)	708 (46)	84.6 (2.2)	62.8 (3.2)	91.1 (1.9)	88.2 (2.1)	87.9 (2.1)	75.0 (2.8)	29.3 (3.0)	35.2 (3.1)	12.3 (2.2)
American Indian/Alaska Native	93 (17)	69 (14)	73.6 (8.0)	78.4 (8.7)	78.4 (8.6)	92.2 (5.6)	76.1 (9.0)	81.8 (8.1)	35.9 (10.1)	33.7 (10.0)	10.4 (6.4)
Graduate	3,149 (84)	2,722 (80)	86.4 (1.1)	44.1 (1.6)	94.5 (0.8)	87.9 (1.1)	85.0 (1.2)	35.7 (1.6)	50.2 (1.7)	35.5 (1.6)	
Males	34,800 (263)	23,718 (224)	68.2 (0.4)	87.4 (0.3)	74.7 (0.4)	72.3 (0.4)	58.7 (0.5)	53.2 (0.5)	— —	— —	— —
Elementary/secondary	27,548 (239)	18,102 (198)	65.7 (0.4)	92.7 (0.3)	69.1 (0.5)	67.4 (0.5)	49.6 (0.6)	46.0 (0.6)	— —	— —	— —
Under age 6	3,422 (89)	1,887 (67)	55.1 (1.3)	95.7 (0.7)	30.9 (1.6)	17.4 (1.3)	10.5 (1.1)	11.9 (1.1)	— —	— —	— —
Ages 6 to 9	7,265 (129)	4,643 (104)	61.4 (0.9)	95.3 (0.5)	52.1 (1.1)	41.8 (1.1)	24.9 (1.0)	22.9 (0.9)	— —	— —	— —
Ages 10 to 14	10,006 (150)	6,919 (126)	69.1 (0.7)	93.7 (0.5)	77.9 (0.8)	82.4 (0.7)	56.8 (0.9)	55.4 (0.9)	— —	— —	— —
15 years old or over	6,563 (123)	4,653 (104)	70.9 (0.9)	87.6 (0.7)	88.6 (0.7)	91.0 (0.6)	79.4 (0.9)	69.0 (1.0)	32.4 (1.1)	24.6 (1.0)	3.8 (0.4)
Undergraduate	5,954 (117)	4,528 (102)	76.0 (0.9)	74.8 (1.0)	92.2 (0.6)	88.4 (0.7)	87.1 (0.8)	75.2 (1.0)	34.4 (1.1)	39.3 (1.1)	17.8 (0.9)
Graduate	1,299 (55)	1,088 (51)	83.8 (1.6)	50.3 (2.3)	93.9 (1.1)	85.9 (1.6)	92.3 (1.2)	80.4 (1.9)	36.6 (2.2)	52.7 (2.3)	38.9 (2.3)
Females	35,504 (265)	24,481 (227)	69.0 (0.4)	79.3 (0.4)	74.5 (0.4)	75.6 (0.4)	63.2 (0.5)	59.9 (0.5)	— —	— —	— —
Elementary/secondary	26,316 (234)	17,327 (194)	65.8 (0.4)	89.0 (0.4)	68.1 (0.5)	69.4 (0.5)	53.5 (0.6)	51.4 (0.6)	— —	— —	— —
Under age 6	3,194 (86)	1,697 (63)	53.1 (1.4)	94.0 (0.9)	31.1 (1.7)	16.8 (1.4)	12.4 (1.2)	11.5 (1.2)	— —	— —	— —
Ages 6 to 9	7,265 (129)	4,554 (103)	62.7 (0.9)	95.3 (0.5)	51.0 (1.1)	44.0 (1.1)	28.9 (1.0)	28.3 (1.0)	— —	— —	— —
Ages 10 to 14	9,627 (148)	6,683 (124)	69.4 (0.7)	90.7 (0.5)	77.2 (0.8)	84.7 (0.7)	62.7 (0.9)	63.0 (0.9)	— —	— —	— —
15 years old or over	6,231 (120)	4,394 (101)	70.5 (0.9)	77.8 (1.0)	86.3 (0.8)	92.7 (0.6)	81.0 (0.9)	73.2 (1.0)	33.0 (1.1)	22.9 (1.0)	4.5 (0.5

Table 428.—Student use of computers, by level of enrollment and selected characteristics: 1993 to 2001

Student and school characteristics	October 1993			October 1997			September 2001							
	Total	Elementary and secondary ¹	College ²	Total	Elementary and secondary ¹	College ²	Total	Elementary and secondary ¹				College ²		
								Total	Under 6	6 to 9 years old	10 to 14 years old	15 years old or over		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Percent of students using computers at school														
Total	59.0 (0.3)	60.1 (0.4)	54.7 (0.7)	68.8 (0.3)	70.4 (0.3)	62.9 (0.6)	82.9 (0.2)	84.2 (0.2)	56.0 (0.9)	85.4 (0.4)	90.3 (0.3)	88.0 (0.4)	78.5 (0.5)	
Sex														
Male	59.4 (0.4)	59.9 (0.5)	57.4 (1.0)	70.1 (0.4)	71.0 (0.4)	66.3 (0.9)	83.2 (0.3)	83.9 (0.3)	55.8 (1.3)	85.2 (0.6)	90.0 (0.5)	87.9 (0.6)	80.2 (0.7)	
Female	58.7 (0.4)	60.5 (0.5)	52.4 (1.0)	67.6 (0.4)	69.9 (0.5)	60.2 (0.8)	82.6 (0.3)	84.5 (0.3)	56.3 (1.4)	85.6 (0.6)	90.6 (0.5)	88.2 (0.6)	77.2 (0.7)	
Race/ethnicity														
White, non-Hispanic	61.6 (0.4)	63.8 (0.4)	54.0 (0.8)	71.1 (0.3)	73.9 (0.4)	62.1 (0.7)	84.1 (0.3)	85.9 (0.3)	55.6 (1.2)	88.2 (0.5)	91.8 (0.4)	89.2 (0.5)	79.6 (0.6)	
Black, non-Hispanic	51.5 (1.0)	50.6 (1.0)	57.0 (2.5)	66.3 (0.7)	66.1 (0.7)	66.8 (1.8)	82.4 (0.6)	83.7 (0.7)	56.9 (2.5)	83.6 (1.3)	89.4 (0.9)	89.0 (1.1)	77.7 (1.4)	
Hispanic	52.3 (1.5)	52.3 (1.2)	52.1 (4.1)	61.5 (0.9)	61.3 (0.7)	62.6 (2.4)	78.8 (0.7)	78.9 (0.8)	57.1 (2.6)	77.3 (1.5)	85.5 (1.1)	83.8 (1.5)	78.0 (1.8)	
Other	59.0 (2.2)	57.7 (2.5)	62.7 (4.2)	65.3 (1.3)	65.6 (1.5)	64.6 (2.6)	80.8 (1.1)	81.2 (1.3)	55.8 (4.5)	81.9 (2.5)	88.6 (1.7)	82.5 (2.6)	80.0 (1.9)	
Household income														
Less than \$5,000	51.2 (1.3)	48.1 (1.5)	62.4 (2.7)	62.1 (1.2)	61.6 (1.4)	63.4 (2.4)	81.5 (2.0)	79.9 (2.6)	63.7 (8.6)	81.2 (4.7)	85.8 (3.8)	78.8 (5.7)	84.3 (3.2)	
\$5,000 to \$9,999	53.3 (1.1)	53.1 (1.2)	54.3 (2.5)	63.5 (1.0)	61.9 (1.1)	70.4 (2.2)	81.8 (1.7)	80.4 (2.0)	54.1 (7.0)	79.6 (3.7)	89.0 (2.6)	82.4 (4.1)	87.0 (3.2)	
\$10,000 to \$14,999	56.4 (1.0)	56.7 (1.1)	55.1 (2.5)	66.2 (1.0)	66.4 (1.1)	65.2 (2.3)	81.9 (1.4)	82.0 (1.6)	53.6 (5.9)	82.4 (3.0)	88.7 (2.1)	86.3 (3.2)	81.6 (3.1)	
\$15,000 to \$19,999	58.1 (1.2)	59.4 (1.3)	52.3 (2.8)	65.9 (1.1)	66.5 (1.2)	63.2 (2.7)	77.9 (1.8)	79.1 (2.0)	58.0 (7.1)	77.3 (3.8)	84.5 (2.9)	83.5 (3.9)	73.1 (4.4)	
\$20,000 to \$24,999	56.4 (1.1)	56.3 (1.2)	56.6 (2.6)	66.9 (1.0)	67.5 (1.1)	64.3 (2.2)	81.8 (1.4)	81.8 (1.6)	48.1 (5.6)	85.6 (2.8)	89.2 (2.2)	85.9 (2.8)	81.8 (3.2)	
\$25,000 to \$29,999	60.0 (1.1)	61.9 (1.2)	52.4 (2.6)	68.5 (1.0)	70.4 (1.1)	61.2 (2.4)	81.5 (1.5)	81.2 (1.7)	51.0 (5.8)	83.0 (3.0)	88.2 (2.4)	86.6 (3.1)	82.7 (3.1)	
\$30,000 to \$34,999	59.1 (1.1)	61.3 (1.2)	50.5 (2.5)	67.6 (1.0)	71.0 (1.1)	53.9 (2.3)	82.1 (1.4)	84.1 (1.5)	51.1 (5.9)	85.4 (2.7)	91.3 (1.9)	88.8 (2.8)	75.2 (3.3)	
\$35,000 to \$39,999	60.7 (1.1)	63.3 (1.2)	49.0 (2.7)	69.0 (1.0)	71.1 (1.1)	60.4 (2.4)	82.8 (1.5)	83.8 (1.6)	57.2 (5.8)	84.7 (2.9)	92.1 (2.1)	87.3 (3.1)	78.7 (3.6)	
\$40,000 to \$49,999	59.3 (0.9)	60.8 (1.0)	53.1 (2.1)	70.5 (0.8)	72.6 (0.9)	60.9 (2.0)	83.9 (1.1)	86.2 (1.1)	56.8 (4.5)	87.0 (2.0)	94.1 (1.2)	88.6 (2.2)	74.5 (2.8)	
\$50,000 to \$74,999	62.6 (0.7)	64.9 (0.8)	55.0 (1.6)	71.7 (0.6)	74.2 (0.6)	63.2 (1.3)	83.9 (0.7)	86.2 (0.8)	56.7 (3.3)	88.1 (1.4)	91.5 (1.1)	90.4 (1.4)	76.2 (1.8)	
\$75,000 or more	64.6 (0.9)	67.0 (1.0)	58.2 (1.8)	72.1 (0.6)	75.1 (0.7)	63.9 (1.2)	84.8 (0.6)	86.8 (0.7)	58.2 (2.9)	88.9 (1.2)	93.3 (0.8)	89.3 (1.3)	79.1 (1.4)	
Control of school														
Public	60.2 (0.3)	61.6 (0.4)	54.0 (0.8)	70.2 (0.3)	72.1 (0.3)	62.3 (0.7)	—	—	—	—	—	—	—	
Private	52.1 (0.9)	49.8 (1.1)	57.3 (1.5)	60.7 (0.7)	58.6 (1.0)	65.2 (1.3)	—	—	—	—	—	—	—	
Percent of students using computers at home														
Total	27.0 (0.3)	24.5 (0.3)	36.2 (0.7)	45.1 (0.3)	42.8 (0.3)	53.2 (0.6)	68.6 (0.3)	65.8 (0.3)	54.2 (0.9)	62.1 (0.6)	69.3 (0.5)	70.7 (0.6)	77.7 (0.5)	
Sex														
Male	27.4 (0.4)	24.3 (0.5)	40.1 (1.0)	45.2 (0.4)	43.2 (0.5)	53.7 (0.9)	68.2 (0.4)	65.7 (0.4)	55.1 (1.3)	61.4 (0.9)	69.1 (0.7)	70.9 (0.9)	77.4 (0.8)	
Female	26.6 (0.4)	24.7 (0.5)	33.0 (0.9)	44.9 (0.4)	42.5 (0.5)	52.8 (0.8)	69.0 (0.4)	65.8 (0.4)	53.1 (1.4)	62.7 (0.9)	69.4 (0.7)	70.5 (0.9)	77.9 (0.7)	
Race/ethnicity														
White, non-Hispanic	32.8 (0.4)	30.8 (0.4)	39.2 (0.8)	54.9 (0.4)	53.9 (0.4)	58.2 (0.7)	78.5 (0.3)	77.2 (0.3)	66.6 (1.1)	73.9 (0.7)	80.3 (0.5)	81.4 (0.7)	82.3 (0.6)	
Black, non-Hispanic	10.9 (0.6)	8.7 (0.5)	22.7 (2.0)	21.1 (0.6)	19.1 (0.6)	31.0 (1.8)	45.5 (0.8)	41.0 (0.9)	32.2 (2.4)	37.3 (1.7)	44.5 (1.5)	44.2 (1.8)	62.4 (1.7)	
Hispanic	10.4 (0.9)	7.9 (0.6)	25.0 (3.3)	21.1 (0.7)	18.3 (0.5)	38.8 (2.4)	45.7 (0.9)	42.2 (0.9)	30.8 (2.4)	37.8 (1.7)	45.9 (1.6)	49.1 (2.0)	63.5 (2.1)	
Other	28.7 (2.0)	25.8 (2.2)	36.0 (4.0)	49.1 (1.4)	46.5 (1.5)	56.3 (2.7)	74.8 (1.2)	71.6 (1.5)	51.0 (4.5)	66.7 (3.0)	77.1 (2.2)	79.2 (2.7)	82.1 (1.9)	
Household income														
Less than \$5,000	9.7 (0.8)	4.3 (0.6)	28.3 (2.4)	22.6 (1.0)	15.2 (1.0)	43.7 (2.4)	39.6 (2.6)	25.7 (2.8)	23.4 (7.5)	22.2 (5.0)	25.9 (4.8)	31.5 (6.5)	65.5 (4.2)	
\$5,000 to \$9,999	8.0 (0.6)	4.2 (0.5)	25.0 (2.1)	15.8 (0.8)	9.3 (0.7)	42.9 (2.4)	33.5 (2.1)	24.7 (2.2)	14.8 (5.0)	24.1 (3.9)	28.8 (3.8)	24.4 (4.6)	65.0 (4.5)	
\$10,000 to \$14,999	11.4 (0.6)	6.7 (0.6)	33.4 (2.3)	18.4 (0.8)	13.6 (0.8)	39.7 (2.3)	41.8 (1.8)	34.9 (2.0)	23.4 (5.0)	28.2 (3.6)	38.2 (3.3)	44.7 (4.6)	67.1 (3.8)	
\$15,000 to \$19,999	15.1 (0.8)	11.2 (0.8)	31.0 (2.4)	20.7 (0.9)	16.5 (0.9)	41.2 (2.8)	45.7 (2.2)	38.6 (2.4)	28.6 (6.5)	34.3 (4.3)	41.5 (4.0)	44.7 (5.2)	74.6 (4.3)	
\$20,000 to \$24,999	16.8 (0.8)	13.6 (0.8)	31.0 (2.3)	30.5 (1.0)	26.2 (1.0)	47.5 (2.3)	48.7 (1.8)	43.9 (2.0)	32.0 (5.2)	43.4 (3.9)	48.0 (3.5)	52.2 (4.0)	68.0 (3.9)	
\$25,000 to \$29,999	21.1 (0.9)	19.1 (1.0)	29.0 (2.3)	34.6 (1.0)	32.0 (1.1)	45.0 (2.4)	54.6 (1.9)	50.7 (2.1)	44.8 (5.8)	41.7 (3.9)	57.5 (3.6)	55.5 (4.5)	69.6 (3.8)	
\$30,000 to \$34,999	24.1 (0.9)	22.6 (1.0)	29.7 (2.1)	38.7 (1.0)	36.1 (1.1)	49.2 (2.3)	61.6 (1.8)	59.2 (2.0)	45.2 (5.9)	57.7 (3.8)	64.9 (3.3)	59.6 (4.3)	69.8 (3.5)	
\$35,000 to \$39,999	27.1 (1.0)	24.9 (1.1)	36.1 (2.4)	44.1 (1.1)	42.6 (1.2)	50.5 (2.4)	67.1 (1.9)	64.4 (2.1)	52.6 (5.9)	62.4 (3.9)	71.0 (3.5)	64.9 (4.5)	77.7 (3.6)	
\$40,000 to \$49,999	32.2 (0.9)	31.6 (1.0)	34.4 (1.9)	50.6 (0.9)	50.4 (1.0)	51.7 (2.0)	75.2 (1.2)	73.6 (1.4)	56.6 (4.5)	72.3 (2.7)	78.2 (2.2)	77.2 (2.9)	81.6 (2.5)	
\$50,000 to \$74,999	43.0 (0.7)	42.9 (0.8)	43.5 (1.5)	61.7 (0.6)	62.2 (0.7)	59.9 (1.3)	81.3 (0.8)	80.4 (0.9)	58.6 (3.1)	76.8 (1.9)	83.5 (1.4)	85.5 (1.7)	84.5 (1.5)	
\$75,000 or more	56.1 (0.9)	58.1 (1.1)	50.9 (1.7)	74.2 (0.6)	77.2 (0.7)	65.8 (1.2)	88.9 (0.6)	89.2 (0.6)	78.2 (2.4)	87.1 (1.3)	92.0 (0.9)	92.9 (1.1)	87.9 (1.1)	
Control of school														
Public	25.3 (0.3)	23.0 (0.3)	34.5 (0.7)	43.2 (0.3)	40.9 (0.4)	52.4 (0.7)	—	—	—	—	—	—	—	
Private	37.4 (0.8)	35.0 (1.0)	42.5 (1.5)	56.1 (0.7)	56.1 (1.0)	56.1 (1.3)	—	—	—	—	—	—	—	
Percent of students using computers at home for school work														
Total	14.8 (0.2)	12.0 (0.2)	25.0 (0.6)	28.6 (0.3)	24.8 (0.3)	42.5 (0.6)	50.7 (0.3)	45.0 (0.3)	9.3 (0.5)	26.6 (0.6)	57.9 (0.5)	64.9 (0.6)	69.4 (0.6)	
Sex														
Male	14.7 (0.3)	11.4 (0.3)	28.2 (0.9)	28.3 (0.4)	24.7 (0.4)	43.3 (0.9)	49.2 (0.4)	44.3 (0.5)	9.6 (0.8)	25.7 (0.8)	57.0 (0.8)	64.5 (0.9)	68.1 (0.8)	
Female	14.8 (0.3)	12.5 (0.4)	22.4 (0.8)	28.9 (0.4)	24.9 (0.4)	41.9 (0.8)	52.1 (0.4)	45.7 (0.5)	8.9 (0.8)	27.6 (0.8)	58.8 (0.8)	65.4 (0.9)	70.4 (0.7)	
Race														
White, non-Hispanic	18.0 (0.3)	15.1 (0.3)	27.4 (0.7)	35.0 (0.3)	31.3 (0.4)	47.0 (0.7)	57.8 (0.4)	52.5 (0.4)	9.5 (0.7)	30.3 (0.7)	68.1 (0.6)	75.8 (0.7)	73.7 (0.6)	
Black, non-Hispanic	5.7 (0.4)	4.3 (0.4)	13.4 (1.6)	12.5 (0.5)	10.4 (0.5)	22.8 (1.6)	34.6 (0.8)	28.8 (0.8)	11.2 (1.6)	20.5 (1.4)	34.9 (1.4)	37.9 (1.8)	56.1 (1.7)	
Hispanic	5.6 (0.7)	3.6 (0.4)	17.8 (2.9)	12.5 (0.6)	9.8 (0.4)	29.2 (2.2)	32.9 (0.8)	28.3 (0.9)	5.4 (1.2)	17.3 (1.4)	36.8 (1.6)	42.6 (2.0)	56.7 (2.1)	
Other	15.8 (1.6)	12.4 (1.6)	24.5 (3.6)	33.6 (1.3)	29.3 (1.4)	45.3 (2.7)	57.5 (1.3)	51.0 (1.6)	13.3 (3.0)	28.9 (2.9)	74.9 (2.9)	71.9 (2.2)	—	
Household income														
Less than \$5,000	6.6 (0.6)	2.4 (0.4)	21.1 (2.2)	15.1 (0.9)	8.0 (0.8)	35.5 (2.3)	32.3 (2.5)	17.2 (2.5)	5.0 (3.9)	9.1 (3.5)	21.7 (4.5)	28.4 (6.3)	60.5 (4.4)	
\$5,000 to \$9,999	4.7 (0.4)	1.5 (0.3)	18.8 (1.9)	10.4 (0.6)	4.2 (0.5)	36.5 (2.3)	26.3 (1.9)	16.0 (1.8)	2.8 (2.3)	10.4 (2.8)				