

Table 414.—Percentage of school library/media centers that offered selected services and equipment, and library/media center expenditures, by control and level of school: 1993–94

Selected statistics	Public				Private			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
1	2	3	4	5	6	7	8	9
Number of schools with libraries	72,286 —	53,059 —	17,356 —	1,871 —	19,301 —	10,880 —	4,178 —	4,243 —
Average number of staff per library								
Total	1.81 (0.02)	1.69 (0.03)	2.12 (0.03)	1.71 (0.07)	1.23 (0.03)	1.09 (0.03)	1.58 (0.06)	1.25 (0.07)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	1.03 (0.02)	0.79 (0.05)	0.28 (0.01)	0.20 (0.02)	0.47 (0.03)	0.30 (0.02)
Full-time	0.61 (0.01)	0.51 (0.01)	0.84 (0.02)	0.51 (0.03)	0.17 (0.01)	0.07 (0.01)	0.35 (0.03)	0.21 (0.02)
Part-time	0.25 (0.01)	0.28 (0.02)	0.19 (0.01)	0.28 (0.04)	0.11 (0.01)	0.12 (0.02)	0.11 (0.01)	0.09 (0.02)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.26 (0.02)	0.29 (0.03)	0.66 (0.02)	0.65 (0.02)	0.65 (0.04)	0.70 (0.06)
Full-time	0.13 (0.01)	0.13 (0.01)	0.14 (0.01)	0.13 (0.03)	0.23 (0.02)	0.19 (0.01)	0.26 (0.03)	0.32 (0.04)
Part-time	0.13 (0.01)	0.14 (0.01)	0.13 (0.01)	0.16 (0.02)	0.43 (0.01)	0.47 (0.02)	0.39 (0.03)	0.39 (0.04)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.83 (0.02)	0.62 (0.04)	0.29 (0.02)	0.24 (0.02)	0.46 (0.03)	0.25 (0.03)
Full-time	0.34 (0.01)	0.28 (0.01)	0.49 (0.02)	0.29 (0.03)	0.07 (0.01)	0.05 (0.01)	0.12 (0.02)	0.07 (0.01)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.02)	0.33 (0.03)	0.22 (0.01)	0.19 (0.02)	0.34 (0.02)	0.18 (0.03)
Percentage of schools' library media centers with the following equipment								
Telephone	61.2 (1.3)	55.8 (1.8)	74.7 (1.6)	51.6 (3.3)	40.8 (1.3)	30.7 (1.6)	52.8 (2.5)	54.6 (4.2)
Fax machine	7.8 (0.5)	4.7 (0.6)	15.1 (0.8)	8.8 (1.4)	5.1 (0.5)	3.1 (0.6)	7.9 (1.1)	7.4 (1.2)
Computer with modem	34.3 (1.0)	28.3 (1.2)	48.2 (1.5)	38.1 (3.0)	19.5 (1.0)	12.2 (1.5)	30.2 (1.9)	27.9 (2.7)
Automated catalog	24.0 (0.9)	20.3 (1.1)	32.8 (1.1)	20.5 (1.9)	9.7 (0.7)	5.5 (0.5)	15.8 (1.9)	14.4 (2.3)
Automated circulation system	37.9 (1.1)	34.1 (1.6)	47.7 (1.3)	27.8 (2.6)	9.5 (0.7)	5.4 (0.6)	16.0 (1.8)	13.8 (1.8)
Database searching with CD-ROM	31.2 (0.8)	23.9 (1.2)	48.1 (1.3)	31.4 (3.1)	13.9 (0.8)	6.3 (0.8)	25.7 (1.6)	21.6 (2.2)
On-line database searching	9.4 (0.5)	5.4 (0.5)	18.9 (0.9)	8.8 (1.5)	5.5 (0.5)	0.7 (0.3)	12.2 (1.2)	11.0 (1.7)
Compact disc for periodical indices, etc.	46.7 (1.1)	39.6 (1.5)	63.5 (1.3)	46.6 (3.7)	19.6 (1.0)	12.3 (1.1)	33.5 (2.2)	24.6 (2.2)
Video laser disc	31.9 (1.0)	30.3 (1.3)	36.1 (1.3)	26.1 (2.8)	6.3 (0.6)	4.8 (0.7)	9.9 (1.2)	6.9 (1.1)
Connection to Internet	12.0 (0.6)	9.5 (0.8)	17.5 (0.8)	15.0 (1.9)	5.3 (0.5)	2.8 (0.8)	9.2 (1.1)	7.5 (1.2)
Cable television	76.2 (0.8)	75.0 (1.1)	80.6 (0.9)	57.7 (3.6)	39.9 (1.3)	42.6 (2.0)	43.1 (2.8)	30.1 (2.7)
Broadcast television	48.6 (1.0)	48.0 (1.4)	49.9 (1.3)	48.1 (3.1)	39.9 (1.6)	42.9 (1.9)	39.7 (2.5)	32.2 (3.9)
Closed circuit television	25.5 (0.7)	22.0 (1.0)	34.0 (1.0)	20.9 (2.2)	8.8 (0.7)	5.7 (1.0)	19.2 (1.6)	6.3 (1.5)
Satellite dish	22.9 (0.6)	14.4 (0.7)	41.1 (1.1)	45.2 (3.0)	8.7 (0.9)	5.6 (0.9)	15.6 (1.2)	9.8 (2.5)
Total students using library per 100 students each week ¹	83.4 (0.4)	88.9 (0.5)	68.6 (0.9)	66.4 (1.8)	76.5 (0.9)	84.9 (1.0)	64.6 (1.7)	60.0 (2.6)
Books checked out per 100 students each week ¹	128 (2)	150 (3)	67 (4)	85 (8)	116 (18)	146 (28)	47 (8)	68 (5)
Percentage of schools offering—								
Microcomputers	90.1 (0.7)	88.5 (1.0)	94.0 (1.0)	87.4 (1.5)	75.8 (1.6)	72.8 (2.1)	80.6 (2.9)	78.5 (3.5)
Long distance learning	19.0 (0.8)	15.9 (1.1)	24.8 (1.0)	36.4 (2.6)	8.8 (0.9)	8.3 (0.9)	8.2 (1.6)	10.9 (2.9)
Average holdings per 100 students at the end of the 1992–93 school year								
Books (number of volumes)	2,585 (57)	2,467 (81)	2,891 (101)	3,085 (262)	3,716 (252)	3,455 (349)	5,383 (726)	3,677 (286)
Current serial subscriptions (print/microfilm)	9 (2)	7 (2)	14 (1)	15 (3)	8 (1)	7 (1)	16 (1)	8 (1)
Video materials (tape and disc)	38 (2)	35 (2)	46 (2)	70 (11)	47 (5)	44 (5)	50 (6)	54 (10)
Other audiovisual materials	116 (4)	114 (6)	117 (7)	187 (24)	76 (6)	74 (5)	120 (16)	63 (16)
Microcomputer software	18 (1)	20 (1)	12 (1)	21 (2)	26 (4)	28 (5)	11 (4)	26 (9)
CD-ROM titles	1 (2)	1 (2)	2 (2)	3 (2)	1 (2)	— (2)	2 (1)	2 (1)
Locally budgeted expenditures ³ per student, 1992–93								
Books	\$8.52 (0.23)	\$7.80 (0.25)	\$10.06 (0.42)	\$14.40 (2.06)	\$7.86 (0.45)	\$6.94 (0.52)	\$12.86 (1.26)	\$8.09 (0.97)
Current serial subscriptions (print/microfilm)	2.18 (0.05)	1.49 (0.06)	4.15 (0.14)	3.33 (0.30)	1.57 (0.09)	0.95 (0.10)	4.83 (0.36)	1.78 (0.20)
Video materials (tape and disc)	1.24 (0.04)	1.04 (0.05)	1.77 (0.10)	1.74 (0.35)	1.07 (0.09)	0.87 (0.08)	1.49 (0.15)	1.40 (0.27)
Other audiovisual materials	0.82 (0.04)	0.77 (0.06)	0.87 (0.07)	1.54 (0.30)	0.55 (0.05)	0.55 (0.06)	0.72 (0.10)	0.45 (0.11)
Microcomputer software	1.09 (0.09)	0.89 (0.07)	1.50 (0.35)	2.84 (0.90)	1.41 (0.19)	1.25 (0.20)	1.86 (0.59)	1.63 (0.36)
CD-ROM titles	0.63 (0.05)	0.38 (0.06)	1.24 (0.09)	2.09 (0.53)	0.69 (0.17)	0.59 (0.25)	1.69 (0.18)	0.53 (0.11)
Expenditures (all sources) per student, 1992–93								
Total, library/media materials	17.18 (0.35)	14.86 (0.45)	22.71 (0.82)	31.11 (3.02)	15.96 (0.80)	13.68 (0.92)	27.29 (2.29)	16.99 (1.53)
Microcomputer hardware	3.84 (0.25)	3.43 (0.33)	4.73 (0.46)	7.15 (1.42)	3.60 (0.59)	2.62 (0.55)	8.68 (1.87)	3.98 (1.27)
Audiovisual equipment	2.24 (0.15)	2.00 (0.17)	2.98 (0.46)	2.25 (0.30)	1.57 (0.19)	1.39 (0.25)	3.12 (0.60)	1.37 (0.32)
On-line database searching/electronic communications	0.30 (0.04)	0.25 (0.06)	0.43 (0.05)	0.55 (0.26)	0.31 (0.13)	0.29 (0.19)	0.60 (0.16)	0.24 (0.06)

—Not available.

¹ During the most recent full week of school.² Standard error less than .5.³ Locally budgeted expenditures exclude federal gifts and grants.

NOTE: Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library/media centers. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, *Schools and Staffing Survey, 1993–94*, unpublished data. (This table was prepared August 1997.)

Table 415.—Selected statistics on public school library/media centers, by level and enrollment size of school: 1993–94

Selected statistics	Public elementary, secondary, and combined	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 150	150 to 499	500 to 749	750 or more
1	2	3	4	5	6	7	8	9	10	11	12
Number of schools with libraries	72,286 —	53,059 —	4,068 —	27,288 —	15,587 —	6,116 —	17,536 —	1,991 —	5,431 —	3,610 —	6,503 —
Average number of staff per library											
Total	1.81 (0.02)	1.69 (0.03)	1.39 (0.09)	1.61 (0.04)	1.76 (0.05)	2.03 (0.07)	2.12 (0.03)	1.66 (0.09)	1.73 (0.04)	1.80 (0.05)	2.90 (0.04)
Certified library/media specialists	0.86 (0.01)	0.79 (0.02)	0.65 (0.07)	0.75 (0.03)	0.85 (0.04)	0.90 (0.04)	1.03 (0.02)	0.80 (0.06)	0.93 (0.03)	0.98 (0.03)	1.36 (0.03)
Full-time	0.61 (0.01)	0.51 (0.01)	0.13 (0.04)	0.42 (0.02)	0.66 (0.02)	0.82 (0.04)	0.84 (0.02)	0.28 (0.04)	0.68 (0.02)	0.92 (0.02)	1.27 (0.02)
Part-time	0.25 (0.01)	0.28 (0.02)	0.52 (0.06)	0.33 (0.02)	0.19 (0.03)	0.08 (0.02)	0.19 (0.01)	0.52 (0.05)	0.24 (0.02)	0.06 (0.01)	0.09 (0.01)
Other professional staff	0.27 (0.01)	0.27 (0.01)	0.30 (0.05)	0.27 (0.02)	0.25 (0.02)	0.31 (0.04)	0.26 (0.02)	0.33 (0.05)	0.23 (0.03)	0.17 (0.02)	0.25 (0.02)
Full-time	0.13 (0.01)	0.13 (0.01)	0.09 (0.02)	0.13 (0.01)	0.12 (0.02)	0.22 (0.03)	0.14 (0.01)	0.13 (0.04)	0.11 (0.02)	0.08 (0.02)	0.17 (0.02)
Part-time	0.13 (0.01)	0.14 (0.01)	0.21 (0.04)	0.14 (0.02)	0.13 (0.02)	0.09 (0.03)	0.13 (0.01)	0.19 (0.03)	0.11 (0.02)	0.09 (0.02)	0.08 (0.01)
Other paid employees	0.68 (0.02)	0.63 (0.02)	0.44 (0.06)	0.59 (0.03)	0.66 (0.04)	0.82 (0.06)	0.83 (0.02)	0.54 (0.06)	0.57 (0.04)	0.66 (0.05)	1.29 (0.04)
Full-time	0.34 (0.01)	0.28 (0.01)	0.10 (0.03)	0.22 (0.02)	0.34 (0.03)	0.51 (0.04)	0.49 (0.02)	0.28 (0.04)	0.27 (0.03)	0.39 (0.03)	0.86 (0.03)
Part-time	0.34 (0.01)	0.34 (0.02)	0.34 (0.05)	0.37 (0.03)	0.32 (0.03)	0.31 (0.04)	0.34 (0.02)	0.26 (0.04)	0.31 (0.02)	0.27 (0.04)	0.43 (0.02)
Percentage of schools' library media centers with the following equipment											
Telephone	61.2 (1.3)	55.8 (1.8)	40.1 (5.0)	49.4 (2.3)	64.0 (2.8)	73.8 (4.0)	74.7 (1.6)	42.7 (4.9)	68.0 (2.6)	85.5 (1.9)	92.9 (1.0)
Fax machine	7.8 (0.5)	4.7 (0.6)	8.2 (2.6)	3.4 (0.7)	5.7 (1.3)	5.1 (1.4)	15.1 (0.8)	11.5 (2.3)	16.4 (1.5)	18.7 (2.3)	18.5 (1.3)
Computer with modem	34.3 (1.0)	28.3 (1.2)	21.9 (4.5)	24.9 (1.7)	33.4 (2.8)	34.6 (3.1)	48.2 (1.5)	46.4 (4.1)	47.3 (2.6)	51.3 (2.9)	59.0 (2.0)
Automated catalog	24.0 (0.9)	20.3 (1.1)	14.2 (3.8)	17.5 (1.4)	24.9 (2.1)	25.4 (2.2)	32.8 (1.1)	21.6 (3.5)	25.9 (2.1)	32.2 (2.7)	43.6 (1.7)
Automated circulation system	37.9 (1.1)	34.1 (1.6)	16.0 (3.8)	28.5 (1.9)	40.4 (2.7)	55.0 (3.3)	47.7 (1.3)	22.4 (3.9)	41.6 (2.5)	48.0 (3.1)	64.7 (1.8)
Database searching with CD-ROM	31.2 (0.8)	23.9 (1.2)	23.3 (3.3)	21.9 (1.7)	25.3 (2.6)	30.1 (2.8)	48.1 (1.3)	35.5 (4.1)	48.6 (2.3)	53.1 (3.1)	63.0 (2.1)
On-line database searching	9.4 (0.5)	5.4 (0.5)	6.0 (1.3)	4.1 (0.7)	7.1 (1.3)	6.8 (1.3)	18.9 (0.9)	14.6 (2.2)	19.9 (2.0)	20.5 (2.6)	26.3 (1.4)
Compact disc for periodical indices, etc.	46.7 (1.1)	39.6 (1.5)	27.0 (3.5)	37.5 (2.1)	42.6 (2.7)	49.5 (3.4)	63.5 (1.3)	50.4 (3.9)	62.4 (2.3)	69.8 (2.7)	76.9 (1.5)
Video laser disc	31.9 (1.0)	30.3 (1.3)	19.6 (4.8)	24.8 (1.7)	37.2 (2.3)	44.3 (3.1)	36.1 (1.3)	20.0 (4.3)	27.5 (2.1)	41.1 (2.1)	43.5 (1.7)
Connection to Internet	12.0 (0.6)	9.5 (0.8)	5.0 (1.3)	8.7 (1.4)	11.9 (1.8)	10.0 (1.5)	17.5 (0.8)	12.3 (2.8)	18.5 (1.7)	18.9 (2.5)	23.8 (1.6)
Cable television	76.2 (0.8)	75.0 (1.1)	59.8 (4.9)	78.0 (1.6)	74.7 (2.3)	73.0 (3.0)	80.6 (0.9)	65.5 (4.5)	80.3 (1.9)	81.9 (2.5)	83.9 (1.1)
Broadcast television	48.6 (1.0)	48.0 (1.4)	47.0 (4.8)	45.2 (1.6)	51.5 (2.5)	52.3 (4.1)	49.9 (1.3)	36.4 (4.3)	46.0 (2.7)	52.0 (3.1)	59.4 (1.5)
Closed circuit television	25.5 (0.7)	22.0 (1.0)	7.0 (2.1)	19.2 (1.4)	23.1 (2.0)	41.4 (2.9)	34.0 (1.0)	14.3 (3.4)	26.8 (2.0)	46.1 (3.1)	44.5 (1.5)
Satellite dish	22.9 (0.6)	14.4 (0.7)	15.4 (2.8)	13.6 (1.2)	12.7 (1.4)	21.3 (3.1)	41.1 (1.1)	48.1 (4.9)	53.3 (2.2)	54.5 (2.7)	42.4 (1.8)
Total students using library per 100 students each week¹	83.4 (0.4)	88.9 (0.5)	93.6 (1.0)	91.7 (0.7)	88.0 (1.0)	75.1 (2.0)	68.6 (0.9)	87.9 (2.5)	74.2 (1.4)	67.0 (1.8)	58.9 (1.1)
Books checked out per 100 students each week¹	128 (2)	150 (3)	222 (11.5)	161 (5.2)	134 (4.6)	93 (4.7)	67 (4.0)	227 (21.3)	66 (4.2)	46 (3.6)	31 (1.1)
Percentage of schools offering—											
Microcomputers	90.1 (0.7)	88.5 (1.0)	79.2 (3.4)	89.1 (1.6)	88.4 (2.0)	92.1 (2.2)	94.0 (1.0)	88.4 (2.7)	96.4 (1.1)	96.4 (0.9)	96.5 (0.8)
Long distance learning	19.0 (0.8)	15.9 (1.1)	16.7 (2.7)	16.3 (1.6)	14.4 (1.7)	17.5 (2.6)	24.8 (1.0)	33.0 (3.0)	26.6 (1.6)	25.6 (2.0)	25.3 (1.4)
Average holdings per 100 students at the end of the 1992–93 school year											
Books (number of volumes)	2,585 (57)	2,467 (81)	5,774 (355)	2,721 (124)	1,600 (46)	1,340 (37)	2,891 (101)	10,071 (815)	2,809 (79)	1,822 (50)	1,354 (22)
Current serial subscriptions (print/microfilm)	9 (2)	7 (2)	25 (3)	7 (2)	4 (2)	3 (2)	14 (1)	55 (4)	14 (2)	8 (2)	5 (0)
Video materials (tape and disc)	38 (2)	35 (2)	91 (12)	36 (4)	24 (2)	20 (2)	46 (2)	129 (15)	49 (3)	35 (2)	23 (1)
Other audiovisual materials	116 (4)	114 (6)	183 (37)	122 (8)	96 (9)	73 (8)	117 (7)	267 (34)	123 (17)	102 (10)	74 (4)
Microcomputer software ..	18 (1)	20 (1)	60 (13)	22 (2)	11 (1)	10 (1)	12 (1)	47 (11)	8 (1)	8 (1)	6 (0)
CD-ROM titles	1 (2)	1 (2)	2 (2)	1 (2)	1 (2)	0 (2)	2 (2)	9 (1)	1 (2)	1 (2)	1 (2)
Locally budgeted expenditures³ per student, 1992–93											
Books	\$8.52 (0.23)	\$7.80 (0.25)	\$17.30 (1.3)	\$7.95 (0.3)	\$6.36 (0.4)	\$4.49 (0.3)	\$10.06 (0.4)	\$28.34 (2.3)	\$11.20 (0.7)	\$6.84 (0.4)	\$5.30 (0.2)
Current serial subscriptions (print/microfilm)	2.18 (0.05)	1.49 (0.06)	4.66 (0.47)	1.53 (0.08)	0.89 (0.05)	0.76 (0.06)	4.15 (0.14)	13.59 (1.05)	4.11 (0.22)	2.84 (0.15)	2.02 (0.06)
Video materials (tape and disc)	1.24 (0.04)	1.04 (0.05)	2.58 (0.37)	0.97 (0.05)	0.91 (0.07)	0.67 (0.07)	1.77 (0.10)	5.67 (0.67)	1.75 (0.15)	1.26 (0.11)	0.89 (0.05)
Other audiovisual materials	0.82 (0.04)	0.77 (0.06)	1.30 (0.49)	0.79 (0.07)	0.70 (0.06)	0.53 (0.07)	0.87 (0.07)	2.63 (0.53)	0.89 (0.09)	0.64 (0.08)	0.45 (0.03)
Microcomputer software ..	1.09 (0.09)	0.89 (0.07)	1.95 (0.47)	0.92 (0.09)	0.77 (0.13)	0.41 (0.06)	1.50 (0.35)	7.52 (3.10)	1.07 (0.13)	0.69 (0.10)	0.46 (0.03)
CD-ROM titles	0.63 (0.05)	0.38 (0.06)	0.92 (0.28)	0.33 (0.04)	0.42 (0.16)	0.16 (0.02)	1.24 (0.09)	3.76 (0.55)	1.24 (0.13)	0.84 (0.10)	0.69 (0.04)
Expenditures (all sources) per student, 1992–93											
Total, library/media materials	17.18 (0.35)	14.86 (0.45)	35.43 (2.38)	15.31 (0.58)	11.19 (0.55)	8.51 (0.43)	22.71 (0.82)	69.98 (5.56)	23.74 (0.98)	14.91 (0.71)	11.72 (0.35)
Microcomputer hardware	3.84 (0.25)	3.43 (0.33)	10.82 (3.37)	2.91 (0.30)	3.10 (0.49)	1.72 (0.26)	4.73 (0.46)	7.81 (2.43)	5.68 (1.15)	4.06 (0.71)	3.36 (0.39)
Audiovisual equipment	2.24 (0.15)	2.00 (0.17)	5.21 (1.73)	1.71 (0.13)	1.88 (0.24)	1.45 (0.26)	2.98 (0.46)	10.44 (4.10)	2.75 (0.24)	1.70 (0.15)	1.59 (0.10)
On-line database searching/ searching electronic communications	0.30 (0.04)	0.25 (0.06)	0.30 (0.13)	0.27 (0.08)	0.26 (0.15)	0.11 (0.03)	0.43 (0.05)	0.79 (0.31)	0.62 (0.14)	0.27 (0.05)	0.26 (0.04)

—Not available.

¹ During the most recent full week of school.

² Standard error less than .5.

³ Locally budgeted expenditures exclude federal gifts and grants.

NOTE: Percentages are based on schools that have library/media centers. In school year 1990–91, 96 percent of public schools had library/media centers. Standard errors appear in parentheses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey, 1993–94, unpublished data. (This table was prepared August 1997.)