

Table 429. Student use of computers, by level of enrollment and selected characteristics: 1993, 1997, and 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)	78.6 (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)	37.1 (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)	66.8 (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)	45.2 (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)	68.6 (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)	63.9 (2.5)	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)	23.1 (3.5)	19.1 (4.2)	63.4 (4.6)
\$10,000 to \$14,999	7.2 (0.5)	3.0 (0.4)	27.1 (2.1)	11.4 (0.6)	6.7 (0.6)	32.4 (2.2)	31.5 (1.7)	23.2 (1.8)	3.3 (2.1)	10.2 (2.4)	29.9 (3.1)	40.0 (4.5)	61.9 (3.9)
\$15,000 to \$19,999	8.5 (0.7)	5.6 (0.6)	20.5 (2.1)	13.2 (0.8)	8.5 (0.7)	36.0 (2.7)	31.9 (2.0)	23.7 (2.1)	3.0 (2.4)	12.1 (3.0)	31.7 (3.7)	36.5 (5.0)	65.5 (4.7)
\$20,000 to \$24,999	9.7 (0.6)	6.3 (0.6)	24.5 (2.1)	19.4 (0.8)	15.0 (0.8)	37.1 (2.3)	34.7 (1.7)	27.9 (1.8)	5.3 (2.5)	15.6 (2.9)	37.6 (3.4)	39.7 (4.0)	62.2 (4.0)
\$25,000 to \$29,999	10.3 (0.7)	7.5 (0.7)	21.4 (2.1)	21.9 (0.9)	18.4 (0.9)	35.7 (2.3)	38.0 (1.9)	31.1 (2.0)	6.0 (2.7)	14.5 (2.8)	43		