

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)				