

Appendix table 1-18

Computer use by public high school teachers, by subject and minority enrollment in school: 1999–2000

(Percent)

| Subject and minority enrollment | Computers used in class | Purpose of computer use ^a | | | | | |
|---------------------------------|-------------------------|--------------------------------------|----------------|-----------------------|----------------------|-----------------------------|-------------------------|
| | | Practice/master skills | Solve problems | Learn course material | Work collaboratively | Produce multimedia projects | Correspond with experts |
| Mathematics | | | | | | | |
| All teachers | 81.8 | 39.5 | 41.0 | 42.7 | 32.1 | 7.4 | 4.7 |
| Minority students (percent) | | | | | | | |
| 0–5 | 79.8 | 33.4 | 35.6 | 35.8 | 30.4 | 11.7 | 6.2 |
| More than 5 to 45..... | 80.1 | 36.4 | 38.7 | 38.7 | 29.8 | 4.1 | 3.8 |
| More than 45..... | 86.3 | 47.5 | 47.2 | 51.8 | 36.4 | 8.7 | 5.0 |
| Science | | | | | | | |
| All teachers | 90.1 | 18.5 | 22.5 | 33.4 | 29.7 | 12.7 | 7.8 |
| Minority students (percent) | | | | | | | |
| 0–5 | 92.4 | 15.1 | 19.7 | 29.5 | 26.4 | 8.2 | 6.3 |
| More than 5 to 45..... | 89.4 | 16.1 | 19.2 | 31.9 | 28.4 | 12.7 | 8.8 |
| More than 45..... | 88.7 | 27.6 | 32.9 | 41.2 | 36.6 | 18.5 | 7.2 |
| Other | | | | | | | |
| All teachers | 88.0 | 42.4 | 32.6 | 46.3 | 37.2 | 18.0 | 8.4 |
| Minority students (percent) | | | | | | | |
| 0–5 | 88.9 | 41.3 | 32.1 | 45.8 | 35.9 | 17.8 | 8.2 |
| More than 5 to 45..... | 88.3 | 40.9 | 30.2 | 45.0 | 35.2 | 16.7 | 8.5 |
| More than 45..... | 86.4 | 46.6 | 38.0 | 49.8 | 42.4 | 20.5 | 8.7 |

^aData are for classes using computers in previous 2 weeks.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey, 1999–2000.