

Appendix table 1-8
**High school graduates who attended schools offering advanced mathematics courses (1990, 1994, and 1998),
 by school characteristics in 1998**
 (Percent)

| Year and characteristic | Any trigonometry/ algebra III | Any precalculus/ analysis | Any statistics/ probability | Calculus | |
|-----------------------------|-------------------------------------|---------------------------------|-----------------------------------|----------|-------|
| | | | | Any | AP/IB |
| 1990 | 83.4 | 73.5 | 24.1 | 79.2 | NA |
| 1994 | 78.3 | 76.9 | 34.8 | 84.9 | NA |
| 1998 | 70.6 | 80.7 | 35.5 | 85.9 | 64.2 |
| School urbanicity | | | | | |
| Urban | 66.7 | 92.2 | 40.3 | 90.4 | 78.1 |
| Suburban | 70.3 | 89.4 | 40.5 | 85.7 | 69.0 |
| Rural | 75.0 | 58.6 | 24.6 | 81.6 | 44.2 |
| School size ^a | | | | | |
| Small..... | 59.0 | 65.0 | 24.7 | 66.9 | 30.0 |
| Medium..... | 77.0 | 80.9 | 35.6 | 90.4 | 70.2 |
| Large | 64.5 | 94.8 | 45.1 | 91.5 | 79.5 |
| School poverty ^b | | | | | |
| Very low | 74.9 | 91.8 | 46.2 | 87.1 | 71.6 |
| Low..... | 69.2 | 78.9 | 41.6 | 89.6 | 67.7 |
| Medium..... | 74.2 | 74.7 | 20.4 | 82.6 | 53.3 |
| High | 74.5 | 62.1 | 8.5 | 75.7 | 64.0 |

AP Advanced Placement

IB International Baccalaureate

NA not available

^aSmall = fewer than 600 students enrolled, medium = 600–1,800, and large = more than 1,800.

^bMeasured by percentage of students eligible for free or reduced-priced lunches: very low = 5 percent or less, low = 6–25 percent, medium = 26–50 percent, and high = 51–100 percent.

NOTES: AP and IB courses were coded separately in 1998 and 2000 but not in prior years. AP/IB calculus courses are counted both in their specific column and in the “any calculus” column. Before 1998, AP and IB courses were coded with the general set of courses.

SOURCE: U.S. Department of Education, National Center for Education Statistics, High School Transcript Studies, various years.

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