

Appendix table 1-15

**Public middle and high school mathematics and science teachers who entered profession between 1995–96 and 1999–2000 and reported feeling well prepared in various aspects of teaching in first year, by participation in induction and mentoring activities: 1999–2000**

(Percent)

Subject and activity	Handle classroom management and discipline	Use variety of instructional methods	Teach subject matter	Use computers in classroom instruction	Plan lessons effectively	Assess students	Select/adapt curriculum and instructional materials
All mathematics teachers .....	50.5	65.1	90.1	41.5	77.5	69.7	53.9
Induction program							
Yes .....	50.8	67.2	89.4	45.1	78.2	70.9	55.8
No .....	50.0	61.8	91.1	35.7	76.4	67.9	51.0
Mentor							
Yes .....	53.5	68.7	89.6	41.8	79.3	72.6	57.1
No .....	44.6	58.2	91.0	40.8	74.0	64.1	47.8
All science teachers.....	50.8	66.0	82.9	48.0	69.4	68.8	58.6
Induction program							
Yes .....	51.7	70.1	83.8	51.3	74.7	72.5	63.6
No .....	49.1	58.0	81.0	41.5	59.0	61.6	48.6
Mentor							
Yes .....	56.6	73.6	84.9	51.5	75.3	74.3	64.6
No .....	42.0	54.4	79.7	42.6	60.3	60.4	49.2

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