



Appendix Table 1-18

Participation in practice teaching by new public middle and high school mathematics and science teachers, by preparation for first-year teaching activities: Academic year 2011–12

(Percent)

Teaching activities	Mathematics teachers		Science teachers	
	Did not participate in practice teaching	Participated in practice teaching	Did not participate in practice teaching	Participated in practice teaching
Teach subject matter	79.3	92.2	83.8	88.4
Use computers	53.7	65.1	60.3	74.6
Assess students	43.1	74.7	52.9	70.5
Use variety of instructional methods	33.1	68.9	47.2	67.0
Handle classroom management/discipline	36.6	49.1	35.6	45.3

NOTES: New teachers refer to teachers with fewer than 5 years of teaching experience. The Schools and Staffing Survey asked these teachers about how well they were prepared to perform various tasks during their first year of teaching. Response categories included Very well prepared, Well prepared, Somewhat prepared, and Not at all prepared. Data in this table based on teachers who responded Very well prepared or Well prepared.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, special tabulations (2014) of 2011–12 Schools and Staffing Survey, National Center for Education Statistics.
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