

Appendix table 1-15

**Elementary teachers' self-assessment of their preparedness to teach selected mathematics and science topics: 2012**

(Percent distribution)

Mathematics and science topic	Not adequately prepared	Somewhat prepared	Fairly well prepared	Very well prepared
Mathematics overall	1	3	19	77
Number and operations	0	2	21	77
Measurement and data representation	1	9	33	56
Geometry	3	10	33	54
Early algebra	5	13	36	46
Science overall	2	15	43	39
Life science	4	21	46	29
Earth science	4	26	45	26
Physical science	8	33	42	17
Engineering	73	18	5	4

NOTE: Detail may not sum to 100 due to rounding.

SOURCE: Banilower ER, Smith PS, Weiss IR, Malzahn KA, Campbell KM, Weis AM, *Report of the 2012 National Survey of Science and Mathematics Education* (2012).

*Science and Engineering Indicators 2014*