

Appendix table 1-12

Middle and high school science teachers with various levels of preparation in their subject, by grade level and subject taught: 2012

(Percent distribution)

Grade level and subject taught	Degree in field	No degree in field but ≥ 3 courses beyond introductory science	No degree in field but 1–2 courses beyond introductory science	No degree in field or courses beyond introductory science
Middle school				
Biology/life science	27	31	20	22
Earth science	9	16	10	64
Physical science	8	23	27	42
High school				
Biology/life science	53	37	4	6
Chemistry	25	43	21	11
Physics	20	36	16	29
Earth science	14	24	20	42
Physical science	10	48	25	17
Environmental science	9	19	23	49

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