

Appendix table 1-18

School program representatives rating the effect of various school conditions on mathematics and science instruction: 2012

(Percent distribution)

School condition	Effect on mathematics instruction			Effect on science instruction		
	Inhibits	Neutral	Promotes	Inhibits	Neutral	Promotes
Importance that the school places on mathematics or science	8	11	82	18	21	60
Management of mathematics or science instructional resources	13	19	69	22	26	53
District professional development policies and practices	8	26	65	14	35	52
Time provided for subject-focused professional development	20	23	56	29	27	44

NOTES: School program representatives rated the effect of each condition on a 5-point scale ranging from 1 "inhibits effective instruction" to 5 "promotes effective instruction." The inhibits column includes those responding 1 or 2. The Promotes column includes those responding 4 or 5. 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