

Appendix table 1-3

Average science scores of students in grades 3 and 5, by student and family characteristics: 2002 and 2004

Student/family characteristic	Spring 2002 grade 3	Spring 2004 grade 5	Gain from spring 2002 to spring 2004
All students.....	44	57	13
Sex			
Male.....	46	59	13
Female.....	42	55	13
Race/ethnicity			
White, non-Hispanic.....	49	62	13
Black, non-Hispanic.....	35	46	11
Hispanic.....	38	52	14
Asian.....	44	57	13
Other ^a	41	54	12
Mother's education			
<High school.....	32	45	12
High school diploma.....	41	54	12
Some college ^b	44	57	13
Bachelor's or higher degree.....	52	65	13
Poverty status ^c			
Below poverty threshold.....	34	46	12
Above poverty threshold.....	47	60	13

^aIncludes non-Hispanic Native Hawaiians, Pacific Islanders, American Indians, Alaska Natives, and children of more than one race.

^bIncludes vocational and technical education.

^cFederal poverty thresholds define households below poverty level based on household income and number of household members.

NOTES: Early Childhood Longitudinal Study (ECLS) science scale ranged from 0 to 92. In 2004 followup for ECLS kindergarten class of fall 1998, 86% of cohort was in grade 5, 14% was in a lower grade, and <1% was in a higher grade. For simplicity, students in ECLS followups referred to by modal and expected grade, i.e., third graders in spring 2002 assessment and fifth graders in spring 2004 assessment.

SOURCES: National Center for Education Statistics, ECLS, spring 2002 and 2004; and National Science Foundation, Division of Science Resources Statistics, special tabulations.