

Appendix table 1-8

Students in grades 4, 8, and 12 scoring at or above proficient level in science for their grade, by student characteristics: 1996, 2000, and 2005

(Percent)

Grade/student characteristic	1996	2000	2005
All grade 4 students.....	28	27	29
Sex			
Male.....	29	30	31
Female.....	26	25	26
Race/ethnicity			
White, non-Hispanic.....	36	37	40
Black, non-Hispanic.....	5	6	8
Hispanic.....	9	8	11
Asian/Pacific Islander ^a	24	NA	36
American Indian/Alaska Native.....	18	18	14
Free/reduced-price lunch			
Eligible.....	12	10	12
Not eligible.....	37	37	40
All grade 8 students.....	29	30	29
Sex			
Male.....	31	34	32
Female.....	27	27	26
Race/ethnicity			
White, non-Hispanic.....	37	40	39
Black, non-Hispanic.....	5	7	7
Hispanic.....	10	10	10
Asian/Pacific Islander.....	33	35	36
American Indian/Alaska Native.....	25	27	12
Free/reduced-price lunch			
Eligible.....	12	11	12
Not eligible.....	34	38	38
All grade 12 students.....	21	18	18
Sex			
Male.....	26	20	21
Female.....	17	16	16
Race/ethnicity			
White, non-Hispanic.....	27	22	24
Black, non-Hispanic.....	3	3	2
Hispanic.....	6	6	5
Asian/Pacific Islander.....	21	24	23
American Indian/Alaska Native.....	11	20	13

NA = not available

^aSpecial analyses raised concerns about accuracy and precision of national grade 4 Asian/Pacific Islander results in 2000; therefore omitted from National Center for Education Statistics (NCES) reports and this report.

NOTES: National Assessment of Educational Progress (NAEP) recently changed way it includes students with disabilities and limited English proficiency in assessments. Before 1996, these students not allowed to use testing accommodations (e.g., extended time, one-on-one testing, bilingual dictionary). In 1996 and 2000, assessment administered to split samples: accommodations not permitted and accommodations permitted. Results in this table for 1996 and 2000 for sample allowed to use accommodations. In 2005, NAEP science assessment completed transition to an accommodations-permitted test.

SOURCES: NCES, The Nation's Report Card: Science 2005, NCES 2006-466 (2006); NAEP, 1996, 2000, and 2005 science assessments; and National Science Foundation, Division of Science Resources Statistics, special tabulations.