

Appendix table 1-2

**Mean mathematics scores of fall 1998 first-time kindergartners, by time of assessment and child and family characteristics: Fall 1998 and spring 1999, 2000, and 2002**

Child and family characteristic	Fall 1998 kindergarten	Spring 1999 kindergarten	Spring 2000 first grade	Spring 2002 third grade	Gain from fall 1998 to spring 2002
All students.....	22	32	55	85	63
Sex					
Male.....	22	32	56	86	65
Female.....	22	32	55	83	62
Race/ethnicity					
White, non-Hispanic.....	23	34	58	89	66
Black, non-Hispanic.....	18	26	47	73	55
Hispanic.....	19	29	52	82	63
Asian/Pacific Islander.....	23	34	56	88	65
Other, non-Hispanic.....	20	29	51	80	60
Family risk factors <sup>a</sup>					
0.....	24	34	59	89	65
1.....	20	29	51	81	61
≥2.....	17	25	47	74	57

<sup>a</sup>Index consists of family living below federal poverty level, non-English primary home language, single-parent family, and maternal education less than high school diploma or equivalent credential (e.g., General Educational Development certificate).

NOTES: Estimates reflect sample of children assessed in English in all assessment years. Early Childhood Longitudinal Study, Kindergarten Class of 1998–99 (ECLS-K) assessment was not administered in 2001 when most children were in second grade. Although most children in the sample were in third grade in spring 2002, 10% were in second grade, and about 1% were in other grades. Gain calculated on unrounded numbers.

SOURCES: A. Rathbun and J. West, *From Kindergarten Through Third Grade: Children's Beginning School Experiences*, National Center for Education Statistics (NCES) 2004-007, table A5 (2004); and data from U.S. Department of Education, NCES, ECLS-K, fall 1998, spring 1999, spring 2000, and spring 2002.