

## Appendix B

**Table B-1—Variables in the ECLS-K base-year file relevant to the design study**

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
<b>OUTCOME VARIABLES</b>				
<i>Cognitive outcomes</i>				
General knowledge test score present	Child survey	C1GKFLG	Yes	Yes
General knowledge routing test, number correct	Child survey	C1GROUNR	Yes	Yes
General knowledge IRT scale score	Child survey	C1GSCALE	Yes	Yes
General knowledge <i>T</i> -score	Child survey	C1GTSCOR	Yes	Yes
Count, number, shape	Child survey	C1MPROB1	Yes	Yes
Relative size	Child survey	C1MPROB2	Yes	Yes
Ordinality, sequence	Child survey	C1MPROB3	Yes	Yes
Add/subtract	Child survey	C1MPROB4	Yes	Yes
Multiply/divide	Child survey	C1MPROB5	Yes	Yes
Count, number, shape	Child survey	C1MPROF1	Yes	Yes
Relative size	Child survey	C1MPROF2	Yes	Yes
Ordinality, sequence	Child survey	C1MPROF3	Yes	Yes
Add/subtract	Child survey	C1MPROF4	Yes	Yes
Multiply/divide	Child survey	C1MPROF5	Yes	Yes
Math routing test, number right	Child survey	C1MROUNR	Yes	Yes
Math IRT scale	Child survey	C1MSCALE	Yes	Yes
Math test score present	Child survey	C1MTHFLG	Yes	Yes
Math <i>T</i> -score	Child survey	C1MTSCOR	Yes	Yes
Reading test score present	Child survey	C1RDGFLG	Yes	Yes
Print familiarity	Child survey	C1RPRINT	Yes	Yes
Letter recognition	Child survey	C1RPROB1	Yes	Yes
Beginning sounds	Child survey	C1RPROB2	Yes	Yes
Ending sounds	Child survey	C1RPROB3	Yes	Yes
Sight words	Child survey	C1RPROB4	Yes	Yes
Word in context	Child survey	C1RPROB5	Yes	Yes
Letter recognition	Child survey	C1RPROF1	Yes	Yes
Beginning sounds	Child survey	C1RPROF2	Yes	Yes
Ending sounds	Child survey	C1RPROF3	Yes	Yes
Sight words	Child survey	C1RPROF4	Yes	Yes
Word in context	Child survey	C1RPROF5	Yes	Yes
Reading routing test, number right	Child survey	C1RROUNR	Yes	Yes
Reading IRT scale score	Child survey	C1RSCALE	Yes	Yes
Reading <i>T</i> -score	Child survey	C1RTSCOR	Yes	Yes
Art show child score	Child survey	C1SCART	Yes	Yes
Simon Says child score	Child survey	C1SCORD	Yes	Yes
Tell stories child score	Child survey	C1SCSTO	Yes	Yes
Child's total OLDS score	Child survey	C1SCTOT	Yes	Yes
General knowledge ARS score	Teacher survey	T1ARSGEN	Yes	Yes
Literacy ARS score	Teacher survey	T1ARSLIT	Yes	Yes

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
Math ARS score	Teacher survey	T1ARSMAT	Yes	Yes
<i>School attendance</i>				
Average daily attendance	School survey	S2ADA	Yes—Recoded	No
<i>Emotional and social development</i>				
Social interaction	Parent survey	P1SOCIAL	Yes	Yes
Approaches to learning	Parent survey	P1LEARN	Yes	Yes
Self-control	Parent survey	P1CONTRO	Yes	Yes
Sad/lonely	Parent survey	P1SADLON	Yes	Yes
Impulsive/overactive	Parent survey	P1IMPULS	Yes	Yes
Serious emotional problems	Teacher survey	A2EMPRB	Yes	No
Approaches to learning	Teacher survey	T1LEARN	Yes	Yes
Self-control	Teacher survey	T1CONTRO	Yes	Yes
Interpersonal	Teacher survey	T1INTERP	Yes	Yes
Externalizing problem behaviors	Teacher survey	T1EXTERN	Yes	Yes
Internalizing problem behaviors	Teacher survey	T1INTERN	Yes	Yes
<i>Physical development</i>				
Fine motor skills	Child survey	C1FMOTOR	Yes	No
Gross motor skills	Child survey	C1GMOTOR	Yes	No
Composite motor skills	Child survey	C1CMOTOR	Yes	No
Child composite height (inches)	Child survey	C1HEIGHT	Yes	Yes
Child composite weight (pounds)	Child survey	C1WEIGHT	Yes	Yes
Scale of child's health	Parent survey	P1HSCALE	Yes	No
Last visit for routine health care	Parent survey	P2DOCTOR	Yes	No
Other health impairments	Teacher survey	A2OTHER	Yes	No
Fell behind due to health	Teacher survey	T2FLBHND	Yes	No
<i>SBP participation</i>				
School provides breakfast	Parent survey	P2SCHLBK	Yes	No
Child eats school breakfast	Parent survey	P2CHIEAT	Yes	No
Number of school breakfasts eaten	Parent survey	P2NUMBKF	Yes	No
Number of students eligible for free breakfast	School survey	S2ELIBRK	No—suppressed	No
Number of students participating in free breakfast	School survey	S2PARBRK	No—suppressed	No

## Background characteristics

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
<i>Student-level</i>				
Child identification number	Child survey	CHILDID	Yes	Yes
Child panel weight full sample	Child survey	BYCW0	Yes	Yes
Child composite gender	Child survey	GENDER	Yes	Yes
Child composite race	Child survey	RACE	Yes	Yes
Composite child assessment age	Child survey	R1_KAGE	Yes—recoded	Yes
Child has disability	Parent survey	P1DISABL	Yes	No
Speak non-English language at home	Child survey	C1SCREEN	Yes	Yes
Number of siblings in household	Parent survey	P1NUMSIB	Yes	Yes
Types of relatives living in household	Parent survey	P1REL_1-17	Yes	Yes
Ages of relatives living in household	Parent survey	P1AGE_1-17	Yes	Yes
Types of parent in household	Parent survey	P1HPARNT	Yes	Yes
Child's biological parents are married	Parent survey	P1BIOLOG	Yes	Yes
Respondent married to nonbiological parent	Parent survey	P1MARRY	Yes	No
Respondent lives with nonbiological parent	Parent survey	P1LIVNON	Yes	No
Parent highest education level	Parent survey	WKPARED	Yes	Yes
Mother's education level	Parent survey	WKMOMED	Yes	Yes
Father's education level	Parent survey	WKDADED	Yes	Yes
Mother's current employment status	Parent survey	P1HMEMP	Yes	No
Father's current employment status	Parent survey	P1HDEMP	Yes	No
Person 1 hours per week spent working	Parent survey	P1HRS_1	Yes	No
Person 2 hours per week spent working	Parent survey	P1HRS_2	Yes	No
Categorical SES measure	Parent survey	WKSESQ5	Yes	Yes
Food in household	Parent survey	P2FOODHH	Yes	No
No food, not enough money	Parent survey	P2NFMON	Yes	No
No food, hard to get to store	Parent survey	P2NFSTR	Yes	No
No food, on a diet	Parent survey	P2NFDIET	Yes	No
No food, no working stove	Parent survey	P2NFSTV	Yes	No
No food, not able to cook	Parent survey	P2NFHOOK	Yes	No
Food choice, not enough money	Parent survey	P2FCMON	Yes	No
Food choice, hard to get to store	Parent survey	P2FCSTR	Yes	No
Food choice, on a diet	Parent survey	P2FCDIET	Yes	No
Food choice, not available	Parent survey	P2FCAVAL	Yes	No
Food choice, quality food not available	Parent survey	P2FCQUAL	Yes	No
Worried food would run out	Parent survey	P2WORRFD	Yes	No
Food does not last	Parent survey	P2FDLAST	Yes	No
Reliance on low-cost food	Parent survey	P2LOWCST	Yes	No
Not enough food, could not afford	Parent survey	P2CANTAF	Yes	No
Not enough food, lost weight	Parent survey	P2LOSEWT	Yes	No
Not enough food, children skip meals	Parent survey	P2CHSKIP	Yes	No
Not enough food, frequency skipped meals	Parent survey	P2OFTCUT	Yes	No
Not enough food, children hungry	Parent survey	P2CHIEVR	Yes	No
Received food stamps in last 12 months	Parent survey	P1FSTAMP	Yes	No
Number of months received food stamps	Parent survey	P1WHENFS	Yes	No
Child receives complete school lunch	Parent survey	P2RLUNCH	Yes	No

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
Child receives free/reduced-price lunch	Parent survey	P2LUNCHS	Yes	No
Number of school lunches received in last week	Parent survey	P2NUMLNC	Yes	No
<i>School-level</i>				
School identification number	School survey	S_ID	Yes	No
School weight full sample	School survey	S2SAQW0	Yes	No
Census region in sample frame	School survey	CREGION	Yes	No
School type	School survey	S2KSCTYP	Yes	No
Location type in sample frame	School survey	KURBAN	Yes—recoded	No
Total school enrollment	School survey	S2KENRLS	Yes—recoded	No
Total school kindergarten enrollment	School survey	S2KENRLK	Yes—recoded	No
Number of full-day kindergarten classes	School survey	S2FDCLS	Yes—recoded	No
Number of days full-day kindergarten meets	School survey	S2FDDAYS	No—suppressed	No
Children can be retained at any grade	School survey	S2ANYGRD	Yes	No
Number of kindergarten students retained in last year	School survey	S2NMBKPT	Yes—recoded	No
Number of FTE total school staff	School survey	S2FTETOT	Yes—recoded	No
Number of FTE administrative staff	School survey	S2ADMFTS	Yes—recoded	No
Number of FTE teachers' aides	School survey	S2AIDFTE	Yes—recoded	No
Number of FTE other noninstructional staff	School survey	S2NONFTE	Yes—recoded	No
Number of FTE classroom teachers	School survey	S2TCHFTE	Yes—recoded	No
Teacher's educational level	Teacher survey	B1HGHSTD	Yes—recoded	No
Lowest annual base teacher salary	School survey	S2LOSLRY	Yes	No
Highest annual base teacher salary	School survey	S2HISLRY	Yes	No
Number of years teacher taught preschool/Head Start	Teacher survey	B1YRSPRE	Yes—recoded	No
Number of years teacher taught kindergarten	Teacher survey	B1YRSKIN	Yes—recoded	No
Number of years teacher taught first grade	Teacher survey	B1YRSFST	Yes—recoded	No
Number of years teacher taught second through fifth grade	Teacher survey	B1YRS2T5	Yes—recoded	No
Number of years teacher taught sixth or higher grade	Teacher survey	B1YRS6PL	Yes—recoded	No
Number of years as teacher at current school	Teacher survey	B1YRSCH	Yes—recoded	No
Number of years as a principal	School survey	S2TOTPRI	Yes—recoded	No
Number of years as a principal at current school	School survey	S2PRINHR	Yes—recoded	No
Number of years teaching before becoming principal	School survey	S2YSTCH	Yes—recoded	No
Hours per week principal works with teacher	School survey	S2INSTRU	Yes	No
Hours per week principal spends on management activities	School survey	S2INRMGT	Yes	No
Hours per week principal teaches	School survey	S2TEEECH	Yes	No
Hours per week principal spends with parents	School survey	S2TALKPT	Yes	No
Hours per week principal meets with students	School survey	S2STUDNT	Yes	No
Hours per week principal spends doing paperwork	School survey	S2PPRWRK	Yes	No
School requires admission test	School survey	S2ADMISS	Yes	No

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
No grades tested	School survey	S2NOTEST	Yes	No
Prekindergarten tested	School survey	S2TESTPK	Yes	No
Transitional-kindergarten tested	School survey	S2TESTR	Yes	No
Kindergarten tested	School survey	S2TESTK	Yes	No
Pre-first grade tested	School survey	S2TESTP1	Yes	No
First grade tested	School survey	S2TEST1	Yes	No
Second grade tested	School survey	S2TEST2	Yes	No
Third grade tested	School survey	S2TEST3	Yes	No
Fourth grade tested	School survey	S2TEST4	Yes	No
Fifth grade tested	School survey	S2TEST5	Yes	No
Sixth grade tested	School survey	S2TEST6	Yes	No
Seventh grade tested	School survey	S2TEST7	Yes	No
Eighth grade tested	School survey	S2TEST8	Yes	No
Ninth grade tested	School survey	S2TEST9	Yes	No
Tenth grade tested	School survey	S2TEST10	Yes	No
Eleventh grade tested	School survey	S2TEST11	Yes	No
Twelfth grade tested	School survey	S2TEST12	Yes	No
Average number of years ESL services provided	School survey	S2YRSESL	Yes—recoded	No
Average number of years bilingual services provided	School survey	S2YRSBIL	Yes—recoded	No
Percent gifted/talented students	School survey	S2KGFTED	Yes—recoded	No
No gifted/talented program	School survey	S2NOGFT	Yes	No
Number of instructional computers	School survey	S2INSTCM	Yes—recoded	No
Classrooms meet needs	School survey	S2CLSSOK	Yes	No
Classrooms' space and size	Facility checklist	K2Q1A_C	Yes	No
Classrooms' lighting	Facility checklist	K2Q1A_D	Yes	No
Classrooms' ventilation	Facility checklist	K2Q1A_E	Yes	No
Classrooms' condition	Facility checklist	K2Q1A_F	Yes	No
Classrooms' temperature	Facility checklist	K2Q1A_G	Yes	No
Classrooms' noise level	Facility checklist	K2Q1A_H	Yes	No
Classrooms' handicap access	Facility checklist	K2Q1A_I	Yes	No
Cafeteria meets needs	School Survey	S2CAFEOK	Yes	No
Cafeteria's space and size	Facility checklist	K2Q1F_C	Yes	No
Cafeteria's lighting	Facility checklist	K2Q1F_D	Yes	No
Cafeteria's ventilation	Facility checklist	K2Q1F_E	Yes	No
Cafeteria's condition	Facility checklist	K2Q1F_F	Yes	No
Cafeteria's temperature	Facility checklist	K2Q1F_G	Yes	No
Cafeteria's noise level	Facility checklist	K2Q1F_H	Yes	No
Cafeteria's handicap access	Facility checklist	K2Q1F_I	Yes	No
Library meets needs	School survey	S2LBRYOK	Yes	No
Library's space and size	Facility checklist	K2Q1C_C	Yes	No
Library's lighting	Facility checklist	K2Q1C_D	Yes	No
Library's ventilation	Facility checklist	K2Q1C_E	Yes	No
Library's condition	Facility checklist	K2Q1C_F	Yes	No
Library's temperature	Facility checklist	K2Q1C_G	Yes	No
Library's noise level	Facility checklist	K2Q1C_H	Yes	No
Library's handicap access	Facility checklist	K2Q1C_I	Yes	No

Variable	ECLS-K source	Variable name	Public use file availability	Fall/spring availability
School offers before-school Child care	School survey	S2B4SCH	Yes	No
<i>Parent-level</i>				
Distance of child from school	Parent survey	P2DISTHM	Yes	No
Parent has met child's teacher	Parent survey	P1MTEACH	Yes	No
Current school affected home choice	Parent survey	P1CHOOSE	Yes	No
Parent selected school	Parent survey	P1SCHOOL	Yes	No
<b>Other</b>				
Percent free-lunch-eligible students	School survey	S2KFLNCH	Yes—recoded	No
Percent reduced-price-lunch-eligible students	School survey	S2KRLNCH	Yes—recoded	No
Siblings attend the same school	Parent survey	P2BROSIS	Yes	No
School provides lunch	Parent survey	P2SCHLLU	Yes	No
Number of students eligible for free lunch	School survey	S2ELILNC	No—suppressed	No
Number of students participating in free lunch	School survey	S2PARLNC	No—suppressed	No
Number of students eligible for reduced-price lunch	School survey	S2ELIRED	No—suppressed	No
Number of students participating in reduced-price lunch	School survey	S2PARRED	No—suppressed	No

ARS = Academic Rating Scale; ESL = English as a Second Language; FTE = full-time equivalent; IRT = Item Response Theory; OLDS = Oral Language Development Scale; SPB = School Breakfast Program; SES = socioeconomic status.