U.S. DEPARTMENT OF EDUCATION
INSTITUTE OF EDUCATION SCIENCES

NATIONAL CENTER FOR EDUCATION STATISTICS

ERRATA SHEET (NCES 2010-067)

ECLS-B 9-month Restricted-Use Data File (NCES 2004-093)
ECLS-B Longitudinal 9-month–2-year Restricted-Use Data File (NCES 2006-044)
ECLS-B Longitudinal 9-month–Preschool 2007 Restricted-Use Data File (NCES 2008-034)
ECLS-B Longitudinal 9-month–Kindergarten 2007 Restricted-Use Data File (NCES 2010-011)

May 2010

The following variables were identified as having errors for some twin cases in the *ECLS-B 9-month Restricted-Use Data File* (NCES 2004-093), *ECLS-B Longitudinal 9-month–2-year Restricted-Use Data File* (NCES 2006-044), *ECLS-B Longitudinal 9-month–Preschool Restricted-Use Data File* (NCES 2008-034), and *ECLS-B Longitudinal 9-month–Kindergarten 2007 Restricted-Use Data File* (NCES 2010-011): Y1SESL, Y1SESQ5, Y1MOMED, Y1FTHED, Y1IMOMLB, Y1MOMOCC, Y1MOMSCR, Y1FTHOCC, Y1FTHSCR, Y1INCOME, Y1POVRTY, Y1POV130, Y1POV185, Y2SESL, Y2SESQ5, Y2FTHED, Y2IFTHLB, Y2MOMOCC, Y2MOMSCR, Y2FTHOCC, Y2FTHSCR, Y2INCOME, Y2POVRTY, Y2POV130, Y2POV185.[1]

An imputation issue affects the 9-month and 2-year parent education, labor force status, occupation, household income, socioeconomic status, and poverty status composite variables for some twins on the file. These variables have values imputed for cases with missing data. In hot-deck imputation, which was the procedure used for the study, a case with missing data for a particular item is matched to a case with similar characteristics that has data for that item. The value for the case with data is assigned, or "donated," to the matched case that does not have data. The 9-month and 2-year imputation procedures did not account for twin status when imputing data, so each twin in a twin pair had a unique donor. As a result, twins in some twin pairs have different values for these variables that underwent imputation. This issue will have no substantive effect on analyses using the entire sample of ECLS-B children. It is recommended that twin researchers recode the value for one twin in the affected twin pairs so that the data for each twin match one another. Syntax that recodes data for one twin so that they match data for the other twin is included at the end of this document.

The following tables list the socioeconomic status and poverty variables, the variables used to derive socioeconomic and poverty status, and case IDs for cases affected by this issue.

[1] These are the variable names as they appear in the final data release for the ECLS-B, the longitudinal 9-month–Kindergarten 2007 restricted-use data file. Variable names for earlier data files begin with X rather than Y (e.g., on the longitudinal 9-month–2-year data file, Y1SESL is X1SESL).

Table 1. ECLS-B twin pairs with different values for imputed variables at 9 months

At least one variable		Y1SESL		Y1SESQ5		Y1MOMED		Y1FTHED		Y1IMOMLB		Y1IFTHLB	
Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2
008364	468567	008364	468567	015061	126143	056327	401556	008364	468567	365071	582333	None	None
015061	126143	015061	126143	056327	401556	292278	679246	056327	401556				
043690	212995	043690	212995	069608	839503	354287	672358	527057	763294				
053485	488465	053485	488465	101523	269593	365071	582333						
055688	129231	055688	129231	215103	740580	714855	803001						
056327	401556	056327	401556	240431	283680								
058532	750417	058532	750417	307438	563442								
069608	839503	069608	839503	354287	672358								
078581	569842	078581	569842	383109	731422								
084283	958239	084283	958239	406302	543549								
101523	269593	101523	269593	453893	900501								
130128	203059	130128	203059	512844	858450								
143488	407081	143488	407081	527057	763294								
158999	744814	158999	744814	576972	654005								
196392	575092	196392	575092	707232	846603								
215103	740580	215103	740580	849783	934163								
240431	283680	240431	283680	912000	972812								
266619	715207	266619	715207										
292278	679246	292278	679246										
307438	563442	307438	563442										
318946	386427	318946	386427										
354287	672358	354287	672358										
365071	582333	365071	582333										
383109	731422	383109	731422										
391245	746174	391245	746174										
394361	434088	394361	434088										
406302	543549	406302	543549										
453893	900501	453893	900501										
512844	858450	512844	858450										
527057	763294	527057	763294										
540099	773783	540099	773783										
544298	769498	544298	769498										
555088	735544	555088	735544										
576972	654005	576972	654005										
614760	778463	614760	778463										
617820	929172	617820	929172										
677602	931724	677602	931724										
707232	846603	707232	846603										
714855	803001	714855	803001										
716193	951660	716193	951660										
777794	930117	777794	930117										
849783	934163	849783	934163										
912000	972812	912000	972812										
914565	976143	914565	976143										
930939	970276	930939	970276										

Source: *ECLS-B 9-month–Kindergarten 2007 Restricted-Use Data File* (NCES 2010-011).

Table 1. ECLS-B twin pairs with different values for imputed variables at 9 months- Continued

Y1MOMOCC/ Y1MOMSCR		Y1FTHOCC/ Y1FTHSCR		Y1INCOME		Y1POVRTY		Y1POV130		Y1POV185	
Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2
365071	582333	015061	126143	043690	212995	056327	401556	215103	740580	053485	488465
		078581	569842	053485	488465	069608	839503	240431	283680	055688	129231
		084283	958239	055688	129231	078581	569842	512844	858450	215103	740580
		101523	269593	056327	401556	143488	407081	576972	654005	240431	283680
		406302	543549	058532	750417	215103	740580	707232	846603	512844	858450
		540099	773783	069608	839503	240431	283680	912000	972812	576972	654005
		777794	930117	078581	569842	512844	858450				
		914565	976143	084283	958239	576972	654005				
				101523	269593	614760	778463				
				130128	203059	707232	846603				
				143488	407081	849783	934163				
				158999	744814	912000	972812				
				196392	575092	930939	970276				
				215103	740580						
				240431	283680						
				266619	715207						
				307438	563442						
				318946	386427						
				365071	582333						
				383109	731422						
				391245	746174						
				394361	434088						
				453893	900501						
				512844	858450						
				544298	769498						
				555088	735544						
				576972	654005						
				614760	778463						
				617820	929172						
				677602	931724						
				707232	846603						
				716193	951660						
				849783	934163						
				912000	972812						
				930939	970276						

Source: *ECLS-B 9-month–Kindergarten 2007 Restricted-Use Data File* (NCES 2010-011).

Table 2. ECLS-B twin pairs with different values for imputed variables at 2 years

At least one variable		Y2SESL		Y2SESQ5		Y2MOMED		Y2FTHED		Y2IMOMLB		Y2IFTHLB	
Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2
039261	538725	039261	538725	048099	595168	None	None	093269	314619	None	None	131727	955189
043690	212995	043690	212995	082977	088878			131727	955189				
048099	595168	048099	595168	152182	795326			404362	880174				
055688	129231	055688	129231	159385	163420			449409	864582				
082977	088878	082977	088878	230472	682027			996600	999469				
093269	314619	093269	314619	297354	529423								
130128	203059	130128	203059	318946	386427								
131727	955189	131727	955189	335387	771319								
146017	916295	146017	916295	376417	400179								
147844	191308	147844	191308	449409	864582								
152182	795326	152182	795326	453893	900501								
158150	410273	158150	410273	546862	949466								
159385	163420	159385	163420	555406	858621								
169144	487624	169144	487624	567609	801991								
178298	283531	178298	283531	576972	654005								
198698	628109	198698	628109	602162	666061								
200536	376131	200536	376131	613649	859610								
230472	682027	230472	682027	668828	775374								
241643	551067	241643	551067	696630	821084								
260880	782308	260880	782308										
261100	535795	261100	535795										
266619	715207	266619	715207										
288794	466567	288794	466567										
292278	679246	292278	679246										
297354	529423	297354	529423										
318946	386427	318946	386427										
335387	771319	335387	771319										
347852	475061	347852	475061										
376417	400179	376417	400179										
394361	434088	394361	434088										
404362	880174	404362	880174										
442500	749336	442500	749336										
449409	864582	449409	864582										
453893	900501	453893	900501										
531738	642431	531738	642431										
546862	949466	546862	949466										
555088	735544	555088	735544										
555406	858621	555406	858621										
567609	801991	567609	801991										
576972	654005	576972	654005										
589007	948312	589007	948312										
602162	666061	602162	666061										
613649	859610	613649	859610										
668828	775374	668828	775374										
688281	819638	688281	819638										
696630	821084	696630	821084										
702837	774462	702837	774462										
777794	930117	777794	930117										
849783	934163	849783	934163										
886443	971185	886443	971185										
914565	976143	914565	976143										
936701	980320	936701	980320										
996600	999469	996600	999469										

Source: *ECLS-B 9-month–Kindergarten 2007 Restricted-Use Data File* (NCES 2010-011).

Table 2. ECLS-B twin pairs with different values for imputed variables at 2 years- Continued

Y2MOMOCC/ Y2MOMSCR		Y2FTHOCC/ Y2FTHSCR		Y2INCOME		Y2POVRTY		Y2POV130		Y2POV185	
Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2	Twin 1	Twin 2
297354	529423	055688	129231	039261	538725	048099	595168	048099	595168	048099	595168
849783	934163	131727	955189	043690	212995	152182	795326	152182	795326	152182	795326
				048099	595168	178298	283531	178298	283531	178298	283531
				082977	088878	198698	628109	200536	376131	376417	400179
				130128	203059	297354	529423	297354	529423	442500	749336
				146017	916295	347852	475061	376417	400179	453893	900501
				147844	191308	376417	400179	442500	749336	555406	858621
				152182	795326	449409	864582	453893	900501	696630	821084
				158150	410273	453893	900501	576972	654005		
				159385	163420	576972	654005	696630	821084		
				169144	487624	696630	821084				
				178298	283531	702837	774462				
				198698	628109						
				200536	376131						
				230472	682027						
				241643	551067						
				260880	782308						
				261100	535795						
				266619	715207						
				288794	466567						
				292278	679246						
				297354	529423						
				318946	386427						
				335387	771319						
				347852	475061						
				376417	400179						
				394361	434088						
				442500	749336						
				449409	864582						
				453893	900501						
				531738	642431						
				546862	949466						
				555088	735544						
				555406	858621						
				567609	801991						
				576972	654005						
				589007	948312						
				602162	666061						
				613649	859610						
				668828	775374						
				688281	819638						
				696630	821084						
				702837	774462						
				777794	930117						
				849783	934163						
				886443	971185						
				914565	976143						
				936701	980320						

Source: *ECLS-B 9-month–Kindergarten 2007 Restricted-Use Data File* (NCES 2010-011).

SAS syntax to recode data for one twin to match data for the other twin

With the exception of two cases, as noted below, this SAS code recodes the values for cases identified as Twin 2 in the tables above to equal the values for cases identified as Twin 1.

Twin Pair 365071 & 582333: The original value of Y1MOMOCC and Y1MOMSCR for case 365071 (Twin 1) was -9 "not ascertained," while case 582333 (Twin 2) had imputed data for these variables. Therefore, values were copied from Twin 2 to Twin 1 for Y1MOMOCC and Y1MOMSCR. Also, since the original values for case 365071 were "not ascertained," the value of Y1IFMMOC was "not imputed." The code below recodes data for Y1IFMMOC to "imputed" for Twin 1.

Twin Pair 131727 & 955189: The original value of Y2FTHOCC and Y2FTHSCR for case 131727 (Twin 1) was -9 "not ascertained," while case 955189 (Twin 2) had imputed data for these variables. Therefore, values were copied from Twin 2 to Twin 1 for Y2FTHOCC and Y2FTHSCR. Also, since the original values for case 131727 were "not ascertained," the value of Y2IFDDOC was "not imputed." The code below recodes data for Y2IFDDOC to "imputed" for Twin 1.

Users with data files other than the longitudinal 9-month–Kindergarten 2007 data file will need to edit the code below so that the affected variables begin with X, rather than Y (e.g., users with the longitudinal 9-month–2-year data file will need to change Y1MOMED to X1MOMED).

```
/*

1. Create a SAS data file from the ECB that includes the following variables:

I_ID
I_TWINID
I_TWINPR
X1TWIN
X2TWIN
Y1MOMED
Y1MOMOCC
Y1MOMSCR
Y2MOMED
Y2MOMOCC
Y2MOMSCR
Y1IMOMLB
Y2IMOMLB
Y1FTHED
Y1FTHOCC
Y1FTHSCR
Y2FTHED
Y2FTHOCC
Y2FTHSCR
Y1IFTHLB
Y2IFTHLB
Y1POVRTY
Y2POVRTY
Y1POV130
Y2POV130
Y1POV185
Y2POV185
X1INCOME
X2INCOME
Y1SESL
Y2SESL
Y1SESQ5
Y2SESQ5
Y1IFMMED
Y2IFMMED
Y1IFDDED
Y2IFDDED
Y1IFMMLB
```

```
Y2IFMMLB
Y1IFDDLB
Y2IFDDLB
Y1IFMMOC
Y2IFMMOC
Y1IFDDOC
Y2IFDDOC
X1IFHINC
X2IFHINC

*/

/*

2. Create a data file where each case represents a twin PAIR (file will only contain twins, new file will contain 810 cases)

*/
libname eclsb '/*User needs to add path to extracted ECLS-B data file*/';

Proc sort data=eclsb./*name of extracted data file*/ out = eclsbfull; By I_TWINPR; run;

Data twin_frst(keep= I_TWINPR I_ID I_TWINID X1TWIN X2TWIN Y1MOMED Y1MOMOCC Y1MOMSCR Y2MOMED
Y2MOMOCC Y2MOMSCR Y1IMOMLB Y2IMOMLB Y1FTHED Y1FTHOCC Y1FTHSCR Y2FTHED Y2FTHOCC Y2FTHSCR
Y1IFTHLB Y2IFTHLB Y1POVRTY Y2POVRTY Y1POV130 Y2POV130 Y1POV185 Y2POV185 X1INCOME X2INCOME Y1SESL
Y2SESL Y1SESQ5 Y2SESQ5 Y1IFMMED Y2IFMMED Y1IFDDED Y2IFDDED Y1IFMMLB Y2IFMMLB Y1IFDDLB Y2IFDDLB
Y1IFMMOC Y2IFMMOC Y1IFDDOC Y2IFDDOC X1IFHINC X2IFHINC

/*This renames each variable so that the new file has one variable for each twin*/

rename=(I_ID=I_ID1 I_TWINID=I_TWINID1 X1TWIN=X1TWIN1 X2TWIN=X2TWIN1
Y1MOMED=Y1MOMED1 Y1MOMOCC=Y1MOMOCC1 Y1MOMSCR=Y1MOMSCR1 Y2MOMED=Y2MOMED1
Y2MOMOCC=Y2MOMOCC1 Y2MOMSCR=Y2MOMSCR1 Y1IMOMLB=Y1IMOMLB1 Y2IMOMLB=Y2IMOMLB1
Y1FTHED=Y1FTHED1 Y1FTHOCC=Y1FTHOCC1 Y1FTHSCR=Y1FTHSCR1 Y2FTHED=Y2FTHED1 Y2FTHOCC=Y2FTHOCC1
Y2FTHSCR=Y2FTHSCR1 Y1IFTHLB=Y1IFTHLB1 Y2IFTHLB=Y2IFTHLB1 Y1POVRTY=Y1POVRTY1 Y2POVRTY=Y2POVRTY1
Y1POV130=Y1POV1301 Y2POV130=Y2POV1301 Y1POV185=Y1POV1851 Y2POV185=Y2POV1851 X1INCOME=X1INCOME1
X2INCOME=X2INCOME1 Y1SESL=Y1SESL1 Y2SESL=Y2SESL1 Y1SESQ5=Y1SESQ51 Y2SESQ5=Y2SESQ51
Y1IFMMED=Y1IFMMED1 Y2IFMMED=Y2IFMMED1 Y1IFDDED=Y1IFDDED1 Y2IFDDED=Y2IFDDED1 Y1IFMMLB=Y1IFMMLB1
Y2IFMMLB=Y2IFMMLB1 Y1IFDDLB=Y1IFDDLB1 Y2IFDDLB=Y2IFDDLB1 Y1IFMMOC=Y1IFMMOC1 Y2IFMMOC=Y2IFMMOC1
Y1IFDDOC=Y1IFDDOC1 Y2IFDDOC=Y2IFDDOC1 X1IFHINC=X1IFHINC1 X2IFHINC=X2IFHINC1));
Set eclsbfull;
by I_TWINPR;
If first.I_TWINPR;
If X1TWIN lt 1 or I_TWINPR = . then delete;

Data twin_scnd(keep= I_TWINPR I_ID I_TWINID X1TWIN X2TWIN Y1MOMED Y1MOMOCC Y1MOMSCR Y2MOMED
Y2MOMOCC Y2MOMSCR Y1IMOMLB Y2IMOMLB Y1FTHED Y1FTHOCC Y1FTHSCR Y2FTHED Y2FTHOCC Y2FTHSCR
Y1IFTHLB Y2IFTHLB Y1POVRTY Y2POVRTY Y1POV130 Y2POV130 Y1POV185 Y2POV185 X1INCOME X2INCOME Y1SESL
Y2SESL Y1SESQ5 Y2SESQ5 Y1IFMMED Y2IFMMED Y1IFDDED Y2IFDDED Y1IFMMLB Y2IFMMLB Y1IFDDLB Y2IFDDLB
Y1IFMMOC Y2IFMMOC Y1IFDDOC Y2IFDDOC X1IFHINC X2IFHINC

rename=(I_ID=I_ID2 I_TWINID=I_TWINID2 X1TWIN=X1TWIN2 X2TWIN=X2TWIN2 Y1MOMED=Y1MOMED2
Y1MOMOCC=Y1MOMOCC2 Y1MOMSCR=Y1MOMSCR2 Y2MOMED=Y2MOMED2 Y2MOMOCC=Y2MOMOCC2
Y2MOMSCR=Y2MOMSCR2 Y1IMOMLB=Y1IMOMLB2 Y2IMOMLB=Y2IMOMLB2 Y1FTHED=Y1FTHED2
Y1FTHOCC=Y1FTHOCC2 Y1FTHSCR=Y1FTHSCR2 Y2FTHED=Y2FTHED2 Y2FTHOCC=Y2FTHOCC2
Y2FTHSCR=Y2FTHSCR2 Y1IFTHLB=Y1IFTHLB2 Y2IFTHLB=Y2IFTHLB2 Y1POVRTY=Y1POVRTY2 Y2POVRTY=Y2POVRTY2
Y1POV130=Y1POV1302 Y2POV130=Y2POV1302 Y1POV185=Y1POV1852 Y2POV185=Y2POV1852 X1INCOME=X1INCOME2
X2INCOME=X2INCOME2 Y1SESL=Y1SESL2 Y2SESL=Y2SESL2 Y1SESQ5=Y1SESQ52 Y2SESQ5=Y2SESQ52
Y1IFMMED=Y1IFMMED2 Y2IFMMED=Y2IFMMED2 Y1IFDDED=Y1IFDDED2 Y2IFDDED=Y2IFDDED2 Y1IFMMLB=Y1IFMMLB2
Y2IFMMLB=Y2IFMMLB2 Y1IFDDLB=Y1IFDDLB2 Y2IFDDLB=Y2IFDDLB2 Y1IFMMOC=Y1IFMMOC2 Y2IFMMOC=Y2IFMMOC2
Y1IFDDOC=Y1IFDDOC2 Y2IFDDOC=Y2IFDDOC2 X1IFHINC=X1IFHINC2 X2IFHINC=X2IFHINC2));
Set eclsbfull;
by I_TWINPR;
If last.I_TWINPR;
If X1TWIN lt 1 or I_TWINPR = . then delete;

Data twin_cmbnd;
Merge twin_frst twin_scnd;
by I_TWINPR;
```

```
run;


/*

3. Recode twin pairs to match

*/

Data twin_cmbnd;
Set twin_cmbnd;

Array twin1 (42) Y1MOMED1 Y1MOMOCC1 Y1MOMSCR1 Y1IMOMLB1 Y1FTHED1 Y1FTHOCC1 Y1FTHSCR1 Y1IFTHLB1
Y1POVRTY1 Y1POV1301 Y1POV1851 X1INCOME1 Y1SESL1 Y1SESQ51 Y1IFMMED1 Y1IFDDED1 Y1IFMMLB1 Y1IFDDLB1
Y1IFMMOC1 Y1IFDDOC1 X1IFHINC1 Y2MOMED1 Y2MOMOCC1 Y2MOMSCR1 Y2IMOMLB1 Y2FTHED1 Y2FTHOCC1
Y2FTHSCR1 Y2IFTHLB1 Y2POVRTY1 Y2POV1301 Y2POV1851 X2INCOME1 Y2SESL1 Y2SESQ51 Y2IFMMED1 Y2IFDDED1
Y2IFMMLB1 Y2IFDDLB1 Y2IFMMOC1 Y2IFDDOC1 X2IFHINC1;

Array twin2 (42) Y1MOMED2 Y1MOMOCC2 Y1MOMSCR2 Y1IMOMLB2 Y1FTHED2 Y1FTHOCC2 Y1FTHSCR2 Y1IFTHLB2
Y1POVRTY2 Y1POV1302 Y1POV1852 X1INCOME2 Y1SESL2 Y1SESQ52 Y1IFMMED2 Y1IFDDED2 Y1IFMMLB2 Y1IFDDLB2
Y1IFMMOC2 Y1IFDDOC2 X1IFHINC2 Y2MOMED2 Y2MOMOCC2 Y2MOMSCR2 Y2IMOMLB2 Y2FTHED2 Y2FTHOCC2
Y2FTHSCR2 Y2IFTHLB2 Y2POVRTY2 Y2POV1302 Y2POV1852 X2INCOME2 Y2SESL2 Y2SESQ52 Y2IFMMED2 Y2IFDDED2
Y2IFMMLB2 Y2IFDDLB2 Y2IFMMOC2 Y2IFDDOC2 X2IFHINC2;

/*9-months*/

Do i = 1 to 21;
	If twin1(i) = twin2(i) then do;
		twin1(i) = twin1(i);
		twin2(i) = twin2(i);
	End;
	Else if twin1(i) in (-9,0) and twin2(i) ^in (-9,0) then do;
		twin1(i) = twin2(i);
		twin2(i) = twin2(i);
	End;
	Else if twin1(i) ^in (-9,0) and twin2(i) in (-9,0) then do;
		twin1(i) = twin1(i);
		twin2(i) = twin1(i);
	End;
	Else do;
		twin1(i) = twin1(i);
		twin2(i) = twin1(i);
	End;
End;

/*2 years*/

Do i = 22 to 42;
	If X2TWIN1 = 1 and X2TWIN2 = 1 then do;
		If twin1(i) = twin2(i) then do;
			twin1(i) = twin1(i);
			twin2(i) = twin2(i);
		End;
		Else if twin1(i) in (-9,0) and twin2(i) ^in (-9,0) then do;
			twin1(i) = twin2(i);
			twin2(i) = twin2(i);
		End;
		Else if twin1(i) ^in (-9,0) and twin2(i) in (-9,0) then do;
			twin1(i) = twin1(i);
			twin2(i) = twin1(i);
		End;
		Else do;
			twin1(i) = twin1(i);
			twin2(i) = twin1(i);
		End;
	End;
	Else do;
		twin1(i) = twin1(i);
```

```
                twin2(i) = twin2(i);
        End;
End;

/*

4. Split file back up

*/

Data twin1 (keep = I_ID1 Y1MOMED1 Y1MOMOCC1 Y1MOMSCR1 Y2MOMED1 Y2MOMOCC1 Y2MOMSCR1 Y1IMOMLB1
Y2IMOMLB1 Y1FTHED1 Y1FTHOCC1 Y1FTHSCR1 Y2FTHED1 Y2FTHOCC1 Y2FTHSCR1 Y1IFTHLB1 Y2IFTHLB1
Y1POVRTY1 Y2POVRTY1 Y1POV1301 Y2POV1301 Y1POV1851 Y2POV1851 X1INCOME1 X2INCOME1 Y1SESL1 Y2SESL1
Y1SESQ51 Y2SESQ51 Y1IFMMED1 Y2IFMMED1 Y1IFDDED1 Y2IFDDED1 Y1IFMMLB1 Y2IFMMLB1 Y1IFDDLB1 Y2IFDDLB1
Y1IFMMOC1 Y2IFMMOC1 Y1IFDDOC1 Y2IFDDOC1 X1IFHINC1 X2IFHINC1

rename = (I_ID1=I_ID Y1MOMED1=Y1MOMED Y1MOMOCC1=Y1MOMOCC Y1MOMSCR1=Y1MOMSCR
Y2MOMED1=Y2MOMED Y2MOMOCC1=Y2MOMOCC Y2MOMSCR1=Y2MOMSCR Y1IMOMLB1=Y1IMOMLB
Y2IMOMLB1=Y2IMOMLB Y1FTHED1=Y1FTHED Y1FTHOCC1=Y1FTHOCC Y1FTHSCR1=Y1FTHSCR Y2FTHED1=Y2FTHED
Y2FTHOCC1=Y2FTHOCC Y2FTHSCR1=Y2FTHSCR Y1IFTHLB1=Y1IFTHLB Y2IFTHLB1=Y2IFTHLB Y1POVRTY1=Y1POVRTY
Y2POVRTY1=Y2POVRTY Y1POV1301=Y1POV130 Y2POV1301=Y2POV130 Y1POV1851=Y1POV185 Y2POV1851=Y2POV185
X1INCOME1=X1INCOME X2INCOME1=X2INCOME Y1SESL1=Y1SESL Y2SESL1=Y2SESL Y1SESQ51=Y1SESQ5
Y2SESQ51=Y2SESQ5 Y1IFMMED1=Y1IFMMED Y2IFMMED1=Y2IFMMED Y1IFDDED1=Y1IFDDED Y2IFDDED1=Y2IFDDED
Y1IFMMLB1=Y1IFMMLB Y2IFMMLB1=Y2IFMMLB Y1IFDDLB1=Y1IFDDLB Y2IFDDLB1=Y2IFDDLB Y1IFMMOC1=Y1IFMMOC
Y2IFMMOC1=Y2IFMMOC Y1IFDDOC1=Y1IFDDOC Y2IFDDOC1=Y2IFDDOC X1IFHINC1=X1IFHINC X2IFHINC1=X2IFHINC));
Set twin_cmbnd;

Data twin2 (keep = I_ID2 Y1MOMED2 Y1MOMOCC2 Y1MOMSCR2 Y2MOMED2 Y2MOMOCC2 Y2MOMSCR2 Y1IMOMLB2
Y2IMOMLB2 Y1FTHED2 Y1FTHOCC2 Y1FTHSCR2 Y2FTHED2 Y2FTHOCC2 Y2FTHSCR2 Y1IFTHLB2 Y2IFTHLB2
Y1POVRTY2 Y2POVRTY2 Y1POV1302 Y2POV1302 Y1POV1852 Y2POV1852 X1INCOME2 X2INCOME2 Y1SESL2 Y2SESL2
Y1SESQ52 Y2SESQ52 Y1IFMMED2 Y2IFMMED2 Y1IFDDED2 Y2IFDDED2 Y1IFMMLB2 Y2IFMMLB2 Y1IFDDLB2 Y2IFDDLB2
Y1IFMMOC2 Y2IFMMOC2 Y1IFDDOC2 Y2IFDDOC2 X1IFHINC2 X2IFHINC2

rename = (I_ID2=I_ID Y1MOMED2=Y1MOMED Y1MOMOCC2=Y1MOMOCC Y1MOMSCR2=Y1MOMSCR
Y2MOMED2=Y2MOMED Y2MOMOCC2=Y2MOMOCC Y2MOMSCR2=Y2MOMSCR Y1IMOMLB2=Y1IMOMLB
Y2IMOMLB2=Y2IMOMLB Y1FTHED2=Y1FTHED Y1FTHOCC2=Y1FTHOCC Y1FTHSCR2=Y1FTHSCR Y2FTHED2=Y2FTHED
Y2FTHOCC2=Y2FTHOCC Y2FTHSCR2=Y2FTHSCR Y1IFTHLB2=Y1IFTHLB Y2IFTHLB2=Y2IFTHLB Y1POVRTY2=Y1POVRTY
Y2POVRTY2=Y2POVRTY Y1POV1302=Y1POV130 Y2POV1302=Y2POV130 Y1POV1852=Y1POV185 Y2POV1852=Y2POV185
X1INCOME2=X1INCOME X2INCOME2=X2INCOME Y1SESL2=Y1SESL Y2SESL2=Y2SESL Y1SESQ52=Y1SESQ5
Y2SESQ52=Y2SESQ5 Y1IFMMED2=Y1IFMMED Y2IFMMED2=Y2IFMMED Y1IFDDED2=Y1IFDDED Y2IFDDED2=Y2IFDDED
Y1IFMMLB2=Y1IFMMLB Y2IFMMLB2=Y2IFMMLB Y1IFDDLB2=Y1IFDDLB Y2IFDDLB2=Y2IFDDLB Y1IFMMOC2=Y1IFMMOC
Y2IFMMOC2=Y2IFMMOC Y1IFDDOC2=Y1IFDDOC Y2IFDDOC2=Y2IFDDOC X1IFHINC2=X1IFHINC X2IFHINC2=X2IFHINC));
Set twin_cmbnd;

/*

5. Concatenate and sort twin files

*/

Data twin1_2;
Set twin1 twin2;

proc sort; By I_ID; run;


/*

6. Merge with original data set (replacing old variables with new variables)

*/

Proc sort tagsort data=eclsbfull; By I_ID; run;

Data corrected;
Merge eclsbfull twin1_2;
By I_ID;
run;
```