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Wave IV College Mobility Data Documentation



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Introduction

At Wave IV of the Add Health survey, respondents were asked if they had received a bachelor's degree. Respondents who answered in the affirmative were then asked to report the institution from which they received this degree. Using the institution from which they received their bachelor's degree, data from the Mobility Report Card: The Role of Colleges in Intergenerational Mobility (Chetty 2017) were linked to the Add Health respondents.

For variables C4CMR01-C4CMR11M, data came from the Preferred Estimates of Access and Mobility by College dataset (Chetty et al. 2017). These data were collected from a sample of college students who were born between 1980 and 1982 and who attended a college or university in the early 2000's. These students were between the ages of 19 and 22 at the time of their entry into college. Further information on how the original researchers collected the data for these variables can be found here:

<http://www.equality-of-opportunity.org/data/college/Codebook%20MRC%20Table%201.pdf>

For variables C4FIN01-C4MAJ08, Chetty and colleagues drew these data from the Integrated Postsecondary Education Data System (IPEDS). Information for each of these variables were collected for the years 2000 and 2013 (unless otherwise stated). In some cases, there is overlap between these variables and the variables in the Wave IV College Characteristics (IPEDS4) dataset; however, in contrast to the IPEDS4 dataset, these overlapping variables in the College Mobility dataset are not matched to the year in which the respondent graduated. For variables that do overlap, it is advisable to use the version in the IPEDS4 dataset, as this information has been matched to the graduating class of the Add Health respondents. Further information on these variables can be found in the Appendix.

For all variables there were some instances where colleges were grouped together, such as when multiple colleges made up a State University-System. For these colleges, data values for the variables are enrollment-weighted means of the underlying values for each of the colleges being grouped together. The variable C4DSC06 is a flag for respondents who went to an institution that was grouped with other institutions.

Data

This is a degree-level file, with some respondents reporting more than one bachelor's degree. College-level data were linked to each degree based on the institution from which the respondent reported receiving each degree. Reports of multiple bachelor's degrees are low however, with only 109 respondents reporting two or more. The variable C4DENUM indicates to which degree the data apply. Only students for whom Add Health collected a valid IPEDS code are included in this data file. In the interest of protecting respondents' identities, some variables were re-coded as categorical rather than continuous. The list of available variables is below:

Year degree received	H4ED4
Degree number	C4DENUM
Public/private non-profit/for profit	C4DSC01
College's level of degree offering	C4DSC02
Indicator for public universities	C4DSC03
Historically Black college or university.....	C4DSC04
Flagship	C4DSC05
Represents grouped colleges.....	C4DSC06
Selectivity and type combination	C4PRE01
Barron's selectivity index	C4PRE02
Median parent household income.....	C4CMR01
Median child individual earnings in 2014	C4CMR02
Fraction of parents in the bottom 20% of the income distribution	C4CMR03
Fraction of parents in the top 1% of the income distribution	C4CMR04
Percent of children who reach the top 20% of the income distribution among children with parents in the bottom 20% of the income distribution	C4CMR05
Percent of children who reach the top 1% of the income distribution among children with parents in the bottom 20% of the income distribution	C4CMR06
Mobility rate: percent of students who have parents in the bottom 20% of the income distribution and reach the top 20% of the income distribution.....	C4CMR07
Upper-tail mobility rate: percent of students who have parents in the bottom 20% of the income distribution and reach the top 1% of the income distribution	C4MR08
Change in % of parents from the bottom 20% of the income distribution between the 1980 and 1991 cohorts	C4CMR09
Change in % of parents from the bottom 40% of the income distribution between the 1980 and 1991 cohorts	C4CMR10
Average number of children per cohort	C4CMR11
Average annual cost of attendance (tuition + fees) in 2013.....	C4FIN01
Average annual cost of attendance (tuition + fees) in 2000.....	C4FIN02
Average faculty salary in 2013	C4FIN03
Average faculty salary in 2001	C4FIN04
Endowment per student in 2000	C4FIN05

Instructional expenditure per student in 2000	C4FIN06
Instructional expenditure per student in 2013	C4FIN07
Total instructional expenditures in 2012	C4FIN08
Total instructional expenditures in 2000	C4FIN09
Total IPEDS undergraduate enrollment (full time + part time) in Fall 2013	C4ENR01
Total IPEDS undergraduate enrollment (full time + part time) in Fall 2000	C4ENR02
Rate of students graduating within 150 percent of normal time at four-year and two-year institutions in 2013	C4SPF01
Rate of students graduating within 150 percent of normal time at four-year and two-year institutions in 2002	C4SPF02
Average SAT scores (scaled to 1600) in 2013	C4SPF03
Average SAT scores (scaled to 1600) in 2001	C4SPF04
Net cost of attendance for bottom 20% income quintile in 2013 from college scorecard	C4SCR01
Rejection (one minus acceptance) rate in 2013 from College Scorecard	C4SCR02
Median earnings of students in 2011 who are working and not enrolled 10 years after entry using data from College Scorecard	C4SCR03
Share of Asian or Pacific Islander undergraduate students in fall 2000	C4DEM01
Share of Black undergraduate students in fall 2000	C4DEM02
Share of Hispanic undergraduate students in fall 2000	C4DEM03
Share of non-resident alien undergraduate students in fall 2000	C4DEM04
Arts and humanities major share in 2000	C4MAJ01
Business major share in 2000	C4MAJ02
Health and medicine major share in 2000	C4MAJ03
Multi/interdisciplinary studies major share in 2000	C4MAJ04
Public and social services major share in 2000	C4MAJ05
STEM major share in 2000	C4MAJ06
Social sciences major share in 2000	C4MAJ07
Trades and personal services major share in 2000	C4MAJ08

Missing codes

The final digit of the missing codes indicates the reason for which they are missing. Missing codes that end in 2 (Ex. 92, 9992) denote that information for that variable was not available for that respondent's college or university within the IPEDS dataset. Missing codes that end in 7 (Ex. 97, 9997) denote that the respondent did not have a bachelor's degree by the time of the Wave IV interview. Missing codes that end in 8 (Ex. 98, 9998) denote respondents that had bachelor's degrees, but for which IPEDS codes were not available.