

# National Household Education Surveys Program of 2016

U.S. Department of Education

## Restricted-Use Supplementary Geocode Files Variable Descriptions for the Parent and Family Involvement in Education, Early Childhood Program Participation, and Adult Training and Education Surveys

September 2019

## **Summary of Variables in NHES:2016 Restricted-Use Supplementary Geocode Files**

Data can only be accessed through NCES restricted-use data license. Please visit <https://nces.ed.gov/statprog/instruct.asp> for more details.

**Table A-1. Summary of variables in NHES supplementary geocode files**

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>IDs and respondent home geography</i></b>					
BASMID	NHES unique respondent identifier	11-digits	None	NHES	all
CENBLGRP	State FIPS code (2-digits), county FIPS code (3-digits), census tract code (6-digits), and census block group code (1-digit)	12-digits	None	NHES	all
CENTRCT_NAME	Name of census tract, county, and state	Characters	Respondent in remote area	2012-2016 American Community Survey (ACS) 5-year estimates	all
CBSA	Core based statistical area (CBSA) code (metropolitan or micropolitan areas)	10000 to 49999	Non metropolitan or micropolitan areas	U.S. Census Bureau CBSA-county list	all
CBSA_NAME	Name of core based statistical area (CBSA)	Characters	Non metropolitan or micropolitan areas	U.S. Census Bureau CBSA-county list	all
NECTA	New England city and town area (NECTA) code	70000 to 79999	Outside of New England and non-NECTA areas in New England	National Center for Education Statistics (NCES)	all
NECTA_NAME	Name of New England city and town area (NECTA)	Characters	Outside of New England and non-NECTA areas in New England	NCES	all
<b><i>Census block group level variables</i></b>					
<b><i>Access to public transportation</i></b>					
PUBTRFREQ	Aggregate frequency of public transit service within 0.25 miles of block group boundary per hour during evening peak period	Continuous number	Geographic areas missing transportation data (areas outside of cities and some cities)	Smart Location Database	all
PUBTRFREQMI	Aggregate frequency of public transit service within 0.25 miles of block group boundary per hour during evening peak period, per square mile	Continuous number	Geographic areas missing transportation data (areas outside of cities and some cities)	Smart Location Database	all

See notes at end of table.

**Table A-1. Summary of variables in NHES supplementary geocode files *cont.***

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>Census tract level variables</i></b>					
<i>Means of transportation and travel time to work</i>					
COMMTM	Mean travel time to work (minutes)	Continuous number	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
COMMDRV	Percentage that drove (alone or in a carpool) to work	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
COMMPUB	Percentage that took public transportation (excluding taxicab) to work	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
COMMOTH	Percentage that used other transportation to work or worked at home <sup>2</sup>	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
<i>Neighborhood characteristics</i>					
MEDHHINC	Median household income	Continuous number	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
PCTSNAP	Percentage of households with Food Stamp/SNAP benefits	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
PCTBLPOV	Percentage of households below poverty level	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
<b><i>County level variables</i></b>					
<i>Local area labor market</i>					
PCTPROF	Percentage of employed population in management, business, science, and arts occupations	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
PCTSERV	Percentage of employed population in service occupations	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
PCTSALES	Percentage of employed population in sales and office occupations	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
PCTCONSTR	Percentage of employed population in natural resources, construction, and maintenance occupations	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all

See notes at end of table.

**Table A-1. Summary of variables in NHES supplementary geocode files cont.**

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>County level variables cont.</i></b>					
<i>Local area labor market cont.</i>					
PCTPROD	Percentage of employed population in production, transportation, and material moving occupations	Percent: 0-100	Missing if ACS data is suppressed	2012-2016 ACS 5-year estimates	all
UNEMP_CNTY	2016 Annual unemployment rate	Percent: 0-100	Respondent in remote area	Bureau of Labor Statistics (BLS) Local Area Unemployment Statistics (LAUS)	all
AVEPAY_CNTY	2016 Average annual pay	Continuous number	Respondent in remote area	BLS Quarterly Census of Employment and Wages (QCEW)	all
<b><i>Core based statistical area (CBSA) level variables</i></b>					
<i>Local area labor market</i>					
UNEMP_CBSA	2016 Annual unemployment rate	Percent: 0-100	Non metropolitan or micropolitan areas, New England	BLS LAUS	all
AVEPAY_CBSA	2016 Average annual pay	Continuous number	Non metropolitan or micropolitan areas	BLS QCEW	all
<b><i>New England city and town area (NECTA) level variables</i></b>					
<i>Local area labor market</i>					
UNEMP_NECTA	2016 Annual unemployment rate	Percent: 0-100	Outside of New England and non-NECTA areas in New England	NCES	all

See notes at end of table.

**Table A-1. Summary of variables in NHES supplementary geocode files *cont.***

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>Radius-based variables</i></b>					
AJC	Number of American Job Centers within a 2.5 mile radius of respondent's home	Continuous number	None, may have zero values	CareerOneStop website	ATES
PRIVSCH_2P5MI	Number of private schools within a 2.5 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 Private School Universe Survey (PSS)	PFI
PRIVSCH_5MI	Number of private schools within a 5 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 PSS	PFI
PRIVSCH_10MI	Number of private schools within a 10 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 PSS	PFI
PRIVPREK_2P5MI	Number of nursery or prekindergarten programs that are part of private schools within a 2.5 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 PSS	ECPP
PRIVPREK_5MI	Number of nursery or prekindergarten programs that are part of private schools within a 5 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 PSS	ECPP
PRIVPREK_10MI	Number of nursery or prekindergarten programs that are part of private schools within a 10 mile radius of respondent's home	Continuous number	None, may have zero values	2015-16 PSS	ECPP
HEADSTARTS_2P5MI	Number of Head Starts within a 2.5 mile radius of respondent's home	Continuous number	None, may have zero values	Department of Health and Human Services (HHS)	ECPP
HEADSTARTS_5MI	Number of Head Starts within a 5 mile radius of respondent's home	Continuous number	None, may have zero values	HHS	ECPP
HEADSTARTS_10MI	Number of Head Starts within a 10 mile radius of respondent's home	Continuous number	None, may have zero values	HHS	ECPP

See notes at end of table.

**Table A-1. Summary of variables in NHES supplementary geocode files *cont.***

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>School district variables</i></b>					
UN_LEAID	NCES education agency identification number (LEAID) for districts covering all grades, first two digits of identification numbers are state FIPS codes	7-digits	Students living in areas with separate elementary and secondary districts	NCES	PFI and ECPP
EL_LEAID	NCES education agency identification number (LEAID) for districts covering prekindergarten through grade 8, first two digits of identification numbers are state FIPS codes	7-digits	Students living in areas with districts covering all grades	NCES	PFI and ECPP
SC_LEAID	NCES education agency identification number (LEAID) for districts covering grades 6 through 12, first two digits of identification numbers are state FIPS codes	7-digits	Students living in areas with districts covering all grades	NCES	PFI and ECPP
UN_LEANAME	NCES education agency identification name for districts covering all grades	Characters	Students living in areas with separate elementary and secondary districts	NCES	PFI and ECPP
EL_LEANAME	NCES education agency identification name for districts covering prekindergarten through grade 8	Characters	Students living in areas with districts covering all grades	NCES	PFI and ECPP
SC_LEANAME	NCES education agency identification name for districts covering grades 6 through 12	Characters	Students living in areas with districts covering all grades	NCES	PFI and ECPP
PCTCHARTER	Percentage of schools in a district's geographic area that are charter schools	Percent: 0-100	Small number of LEAIDs do not merge to CCD	Education agency LEAIDs, Stanford Education Data Archive (SEDA) school crosswalk, and 2015-16 Common Core of Data	PFI

See notes at end of table.

**Table A-1. Summary of variables in NHES supplementary geocode files *cont.***

Variable	Description	Values	Observations with missing values	Source	Applicable NHES Survey(s) <sup>1</sup>
<b><i>School district variables cont.</i></b>					
PCTMAGNET	Percentage of schools in a district's geographic area that are magnet schools	Percent: 0-100	Data released for districts where at least 80 percent of schools have reported data for the magnet variable	Education agency LEAIDs, SEDA school crosswalk, and 2015-16 CCD	PFI
PCTMISSMGNT	Percentage of schools in a district's geographic area that have missing values for the magnet indicator	Percent: 0-100	Small number of LEAIDs do not merge to CCD	Education agency LEAIDs, SEDA school crosswalk, and 2015-16 CCD	PFI
PCTPREK	Percentage of schools that offer prekindergarten among schools with a lowest grade of prekindergarten or kindergarten in a district's geographic area	Percent: 0-100	Small number of LEAIDs do not merge to CCD	Education agency LEAIDs, SEDA school crosswalk, and 2015-16 CCD	ECPP

<sup>1</sup> The NHES surveys are the Parent and Family Involvement in Education Survey (PFI), the Early Childhood Program Participation Survey (ECPP), and the Adult Training and Education Survey (ATES).

<sup>2</sup> Other transportation includes taxicab, motorcycle, bicycle, and walking.

<sup>3</sup> The ACS 5-year estimates of percentage of employed population in different occupation categories are not available at the metropolitan and micropolitan statistical area level.