National Neighborhood Data Archive (NaNDA): Neighborhood Socioeconomic and Demographic Characteristics of Census Tracts, United States, 1990-2010

Overview and Data Dictionary

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Dataset Overview

Description

This dataset contains measures of socioeconomic and demographic characteristics by US census tract 1990-2010. Example measures include population density; population distribution by race, ethnicity, age, and income; and proportion of population living below the poverty level, receiving public assistance, and female-headed families. The dataset also contains a set of index variables to represent neighborhood disadvantage and affluence.

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Funding Sources

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Data Sources

Data for 1990 are from the Census of Population and Housing, 1990 (Adams, 2000) which is an extraction of the 1990 Decennial Census (United States Census Bureau, 2021). Data for 2000-2010 are from the decennial US Census in 2000 and 2010 (United States Census Bureau, 2024), Summary File 3.

Annual measures for the intervening years (1991-1999 and 2001-2009) are interpolated using a linear interpolation between the 1990 and 2000 data sources and the 2000 and 2010 data sources. Census tract boundaries were normalized to the 2010 tract boundaries using the Longitudinal Tract Data Base (Logan et al., 2014).

Coverage

The dataset contains one observation per Census Tract in the fifty United States including Alaska and Hawaii. US island territories are not included.

Methodology

This dataset is comparable to the dataset *Neighborhood Socioeconomic and Demographic Characteristics by Tract, United States, 2000-2010.* The methodology used to create the socioeconomic index variables is identical to the methodology used to create the indices in 2000-2010:

To construct a set of variables that would characterize the sociodemographic structure of census tracts over time we conducted a principal factor analysis with an orthogonal varimax rotation of 10 census indicators (log transformed to correct positive skew) in 1990. Our aim was to derive a parsimonious set of factors that capture the shared variance of a broad spectrum of neighborhood structural characteristics. Results from the factor analysis indicated 3 separate factors.

The first factor, which we interpret as *neighborhood disadvantage*, is characterized by high levels of poverty, unemployment, female-headed families, households receiving public assistance income, and a high proportion of African Americans in a census tract.

The second factor represents a mix of characteristics associated with *neighborhood affluence* (concentrations of adults with a college education; with incomes>75K; and employed in managerial and professional occupations). Distinguished from other non-disadvantaged census tracts by their large share of high income, highly-educated, adults in professional occupations, affluent census tracts are likely to attract a set of institutions (e.g., food stores, places to exercise, well-maintained buildings and parks) that foster a set of norms (e.g., an emphasis on exercise and healthy diets) conducive to good health (Clarke, Morenoff, Debbink, et al., 2014). Distinct from simply being the

absence of neighborhood disadvantage, neighborhood affluence is associated with higher levels of social control and leverage over local institutions that can foster social environments that facilitate health (Browning & Cagney, 2003).

The third factor represents *Hispanic and foreign born*, (higher values indicate more Hispanic and foreign born in the census tract).

Results from this factor analysis were used to guide the creation of the neighborhood SES indices, as follows:

Neighborhood socioeconomic disadvantage (disadvantage90) is an average of five census indicators (proportion non-Hispanic Black, proportion of female headed families with children, proportion of households with public assistance income or food stamps; proportion of families with income below the federal poverty level; proportion of population age 16+ unemployed) ranging from 0 to 1.0.

Note: A separate neighborhood disadvantage index (disadvantage2_90) is created without non-Hispanic Black, including only four census indicators (proportion of female headed families with children, proportion of households with public assistance income or food stamps; proportion of families with income below the federal poverty level; proportion of population age 16+ unemployed). This measure should be used in statistical models when individual race is also included as a covariate.

Neighborhood affluence (affluence90) is an average of three census indicators (proportion of households with income greater than $75K, proportion of population age 16+ employed in professional or managerial occupations; proportion of adults with Bachelor's Degree or higher) ranging from 0 to 1.0.

Neighborhood hispanic_foreignborn concentration (hispan_forborn90) is an average of two census indicators (proportion Hispanic, proportion foreign born) ranging from 0 to 1.0.

Usage Notes

This dataset is complemented by similar socioeconomic and demographic datasets that cover the years 2000-2020. The datasets for 2000-2010 and 2008-2017 include variables with the same index construction, while the dataset for 2016-2020 includes updated measures of high and low income as well as a modernized construction of the neighborhood disadvantage variable (Clarke, 2023; Clarke & Melendez, 2023).

Users wanting to combine data from the 1990-2010, 2000-2010, 2008-2017, and 2016-2020 datasets should be aware of key differences between how measures were calculated across the two datasets. For more information, consult the "Usage Note" section of the documentation for each unique dataset.

Variables

Variable	Label
tract_fips10	Census Tract FIPS code, 2010
totpop90	Total population, 1990
totpop91	(totpop90 * .9) + (totpop00 * .1)
totpop92	(totpop90 * .8) + (totpop00 * .2)
totpop93	(totpop90 * .7) + (totpop00 * .3)
totpop94	(totpop90 * .6) + (totpop00 * .4)
totpop95	(totpop90 * .5) + (totpop00 * .5)
totpop96	(totpop90 * .4) + (totpop00 * .6)
totpop97	(totpop90 * .3) + (totpop00 * .7)
totpop98	(totpop90 * .2) + (totpop00 * .8)
totpop99	(totpop90 * .1) + (totpop00 * .9)
totpop00	Total population, 2000
totpop01	(totpop00 * .9) + (totpop10 * .1)
totpop02	(totpop00 * .8) + (totpop10 * .2)
totpop03	(totpop00 * .7) + (totpop10 * .3)
totpop04	(totpop00 * .6) + (totpop10 * .4)
totpop05	(totpop00 * .5) + (totpop10 * .5)
totpop06	(totpop00 * .4) + (totpop10 * .6)
totpop07	(totpop00 * .3) + (totpop10 * .7)
totpop08	(totpop00 * .2) + (totpop10 * .8)
totpop09	(totpop00 * .1) + (totpop10 * .9)
totpop10	Total population, 2010
popden90	Persons per square mile, 1990
popden91	(popden90 * .9) + (popden00 * .1)
popden92	(popden90 * .8) + (popden00 * .2)
popden93	(popden90 * .7) + (popden00 * .3)
popden94	(popden90 * .6) + (popden00 * .4)
popden95	(popden90 * .5) + (popden00 * .5)
popden96	(popden90 * .4) + (popden00 * .6)
popden97	(popden90 * .3) + (popden00 * .7)
popden98	(popden90 * .2) + (popden00 * .8)
popden99	(popden90 * .1) + (popden00 * .9)
popden00	Persons per square mile, 2000
popden01	(popden00 * .9) + (popden10 * .1)
popden02	(popden00 * .8) + (popden10 * .2)
popden03	(popden00 * .7) + (popden10 * .3)
popden04	(popden00 * .6) + (popden10 * .4)
popden05	(popden00 * .5) + (popden10 * .5)

Variable	Label
popden06	(popden00 * .4) + (popden10 * .6)
popden07	(popden00 * .3) + (popden10 * .7)
popden08	(popden00 * .2) + (popden10 * .8)
popden09	(popden00 * .1) + (popden10 * .9)
popden10	Persons per square mile, 2010
phispanic90	Proportion of people of Hispanic origin, 1990
phispanic91	(phispanic90 * .9) + (phispanic00 * .1)
phispanic92	(phispanic90 * .8) + (phispanic00 * .2)
phispanic93	(phispanic90 * .7) + (phispanic00 * .3)
phispanic94	(phispanic90 * .6) + (phispanic00 * .4)
phispanic95	(phispanic90 * .5) + (phispanic00 * .5)
phispanic96	(phispanic90 * .4) + (phispanic00 * .6)
phispanic97	(phispanic90 * .3) + (phispanic00 * .7)
phispanic98	(phispanic90 * .2) + (phispanic00 * .8)
phispanic99	(phispanic90 * .1) + (phispanic00 * .9)
phispanic00	Proportion of people of Hispanic origin, 2000
phispanic01	(phispanic00 * .9) + (phispanic10 * .1)
phispanic02	(phispanic00 * .8) + (phispanic10 * .2)
phispanic03	(phispanic00 * .7) + (phispanic10 * .3)
phispanic04	(phispanic00 * .6) + (phispanic10 * .4)
phispanic05	(phispanic00 * .5) + (phispanic10 * .5)
phispanic06	(phispanic00 * .4) + (phispanic10 * .6)
phispanic07	(phispanic00 * .3) + (phispanic10 * .7)
phispanic08	(phispanic00 * .2) + (phispanic10 * .8)
phispanic09	(phispanic00 * .1) + (phispanic10 * .9)
phispanic10	Proportion of people of Hispanic origin, 2010
pnhwhite90	Proportion of people Non-Hispanic White, 1990
pnhwhite91	(pnhwhite90 * .9) + (pnhwhite00 * .1)
pnhwhite92	(pnhwhite90 * .8) + (pnhwhite00 * .2)
pnhwhite93	(pnhwhite90 * .7) + (pnhwhite00 * .3)
pnhwhite94	(pnhwhite90 * .6) + (pnhwhite00 * .4)
pnhwhite95	(pnhwhite90 * .5) + (pnhwhite00 * .5)
pnhwhite96	(pnhwhite90 * .4) + (pnhwhite00 * .6)
pnhwhite97	(pnhwhite90 * .3) + (pnhwhite00 * .7)
pnhwhite98	(pnhwhite90 * .2) + (pnhwhite00 * .8)
pnhwhite99	(pnhwhite90 * .1) + (pnhwhite00 * .9)
pnhwhite00	Proportion of people Non-Hispanic White, 2000
pnhwhite01	(pnhwhite00 * .9) + (pnhwhite10 * .1)
pnhwhite02	(pnhwhite00 * .8) + (pnhwhite10 * .2)
pnhwhite03	(pnhwhite00 * .7) + (pnhwhite10 * .3)

Variable	Label
pnhwhite04	(pnhwhite00 * .6) + (pnhwhite10 * .4)
pnhwhite05	(pnhwhite00 * .5) + (pnhwhite10 * .5)
pnhwhite06	(pnhwhite00 * .4) + (pnhwhite10 * .6)
pnhwhite07	(pnhwhite00 * .3) + (pnhwhite10 * .7)
pnhwhite08	(pnhwhite00 * .2) + (pnhwhite10 * .8)
pnhwhite09	(pnhwhite00 * .1) + (pnhwhite10 * .9)
pnhwhite10	Proportion of people Non-Hispanic White, 2010
pnhblack90	Proportion of people Non-Hispanic Black, 1990
pnhblack91	(pnhblack90 * .9) + (pnhblack00 * .1)
pnhblack92	(pnhblack90 * .8) + (pnhblack00 * .2)
pnhblack93	(pnhblack90 * .7) + (pnhblack00 * .3)
pnhblack94	(pnhblack90 * .6) + (pnhblack00 * .4)
pnhblack95	(pnhblack90 * .5) + (pnhblack00 * .5)
pnhblack96	(pnhblack90 * .4) + (pnhblack00 * .6)
pnhblack97	(pnhblack90 * .3) + (pnhblack00 * .7)
pnhblack98	(pnhblack90 * .2) + (pnhblack00 * .8)
pnhblack99	(pnhblack90 * .1) + (pnhblack00 * .9)
pnhblack00	Proportion of people Non-Hispanic Black, 2000
pnhblack01	(pnhblack00 * .9) + (pnhblack10 * .1)
pnhblack02	(pnhblack00 * .8) + (pnhblack10 * .2)
pnhblack03	(pnhblack00 * .7) + (pnhblack10 * .3)
pnhblack04	(pnhblack00 * .6) + (pnhblack10 * .4)
pnhblack05	(pnhblack00 * .5) + (pnhblack10 * .5)
pnhblack06	(pnhblack00 * .4) + (pnhblack10 * .6)
pnhblack07	(pnhblack00 * .3) + (pnhblack10 * .7)
pnhblack08	(pnhblack00 * .2) + (pnhblack10 * .8)
pnhblack09	(pnhblack00 * .1) + (pnhblack10 * .9)
pnhblack10	Proportion of people Non-Hispanic Black, 2010
pfborn90	Proportion of people who are foreign born, 1990
pfborn91	(pfborn90 * .9) + (pfborn00 * .1)
pfborn92	(pfborn90 * .8) + (pfborn00 * .2)
pfborn93	(pfborn90 * .7) + (pfborn00 * .3)
pfborn94	(pfborn90 * .6) + (pfborn00 * .4)
pfborn95	(pfborn90 * .5) + (pfborn00 * .5)
pfborn96	(pfborn90 * .4) + (pfborn00 * .6)
pfborn97	(pfborn90 * .3) + (pfborn00 * .7)
pfborn98	(pfborn90 * .2) + (pfborn00 * .8)
pfborn99	(pfborn90 * .1) + (pfborn00 * .9)
pfborn00	Proportion of people who are foreign born, 2000
pfborn01	(pfborn00 * .9) + (pfborn10 * .1)

Variable	Label
pfborn02	(pfborn00 * .8) + (pfborn10 * .2)
pfborn03	(pfborn00 * .7) + (pfborn10 * .3)
pfborn04	(pfborn00 * .6) + (pfborn10 * .4)
pfborn05	(pfborn00 * .5) + (pfborn10 * .5)
pfborn06	(pfborn00 * .4) + (pfborn10 * .6)
pfborn07	(pfborn00 * .3) + (pfborn10 * .7)
pfborn08	(pfborn00 * .2) + (pfborn10 * .8)
pfborn09	(pfborn00 * .1) + (pfborn10 * .9)
pfborn10	Proportion of people who are foreign born, 2010
ped1_90	Proportion with less than High School Diploma, 1990
ped1_91	(ped1_90 * .9) + (ped1_00 * .1)
ped1_92	(ped1_90 * .8) + (ped1_00 * .2)
ped1_93	(ped1_90 * .7) + (ped1_00 * .3)
ped1_94	(ped1_90 * .6) + (ped1_00 * .4)
ped1_95	(ped1_90 * .5) + (ped1_00 * .5)
ped1_96	(ped1_90 * .4) + (ped1_00 * .6)
ped1_97	(ped1_90 * .3) + (ped1_00 * .7)
ped1_98	(ped1_90 * .2) + (ped1_00 * .8)
ped1_99	(ped1_90 * .1) + (ped1_00 * .9)
ped1_00	Proportion with less than High School Diploma, 2000
ped1_01	(ped1_00 * .9) + (ped1_10 * .1)
ped1_02	(ped1_00 * .8) + (ped1_10 * .2)
ped1_03	(ped1_00 * .7) + (ped1_10 * .3)
ped1_04	(ped1_00 * .6) + (ped1_10 * .4)
ped1_05	(ped1_00 * .5) + (ped1_10 * .5)
ped1_06	(ped1_00 * .4) + (ped1_10 * .6)
ped1_07	(ped1_00 * .3) + (ped1_10 * .7)
ped1_08	(ped1_00 * .2) + (ped1_10 * .8)
ped1_09	(ped1_00 * .1) + (ped1_10 * .9)
ped1_10	Proportion with less than High School Diploma, 2010
ped2_90	Proportion with High School Diploma and/or Some College, 1990
ped2_91	(ped2_90 * .9) + (ped2_00 * .1)
ped2_92	(ped2_90 * .8) + (ped2_00 * .2)
ped2_93	(ped2_90 * .7) + (ped2_00 * .3)
ped2_94	(ped2_90 * .6) + (ped2_00 * .4)
ped2_95	(ped2_90 * .5) + (ped2_00 * .5)
ped2_96	(ped2_90 * .4) + (ped2_00 * .6)
ped2_97	(ped2_90 * .3) + (ped2_00 * .7)
ped2_98	(ped2_90 * .2) + (ped2_00 * .8)
ped2_99	(ped2_90 * .1) + (ped2_00 * .9)

Variable	Label
ped2_00	Proportion with High School Diploma and/or Some College, 2000
ped2_01	(ped2_00 * .9) + (ped2_10 * .1)
ped2_02	(ped2_00 * .8) + (ped2_10 * .2)
ped2_03	(ped2_00 * .7) + (ped2_10 * .3)
ped2_04	(ped2_00 * .6) + (ped2_10 * .4)
ped2_05	(ped2_00 * .5) + (ped2_10 * .5)
ped2_06	(ped2_00 * .4) + (ped2_10 * .6)
ped2_07	(ped2_00 * .3) + (ped2_10 * .7)
ped2_08	(ped2_00 * .2) + (ped2_10 * .8)
ped2_09	(ped2_00 * .1) + (ped2_10 * .9)
ped2_10	Proportion with High School Diploma and/or Some College, 2010
ped3_90	Proportion with Bachelor's Degree or Higher, 1990
ped3_91	(ped3_90 * .9) + (ped3_00 * .1)
ped3_92	(ped3_90 * .8) + (ped3_00 * .2)
ped3_93	(ped3_90 * .7) + (ped3_00 * .3)
ped3_94	(ped3_90 * .6) + (ped3_00 * .4)
ped3_95	(ped3_90 * .5) + (ped3_00 * .5)
ped3_96	(ped3_90 * .4) + (ped3_00 * .6)
ped3_97	(ped3_90 * .3) + (ped3_00 * .7)
ped3_98	(ped3_90 * .2) + (ped3_00 * .8)
ped3_99	(ped3_90 * .1) + (ped3_00 * .9)
ped3_00	Proportion with Bachelor's Degree or Higher, 2000
ped3_01	(ped3_00 * .9) + (ped3_10 * .1)
ped3_02	(ped3_00 * .8) + (ped3_10 * .2)
ped3_03	(ped3_00 * .7) + (ped3_10 * .3)
ped3_04	(ped3_00 * .6) + (ped3_10 * .4)
ped3_05	(ped3_00 * .5) + (ped3_10 * .5)
ped3_06	(ped3_00 * .4) + (ped3_10 * .6)
ped3_07	(ped3_00 * .3) + (ped3_10 * .7)
ped3_08	(ped3_00 * .2) + (ped3_10 * .8)
ped3_09	(ped3_00 * .1) + (ped3_10 * .9)
ped3_10	Proportion with Bachelor's Degree or Higher, 2010
pin1b_90	Proportion of households with Income less than 15K, 1990
pin1b_91	(pin1b_90 * .9) + (pin1b_00 * .1)
pin1b_92	(pin1b_90 * .8) + (pin1b_00 * .2)
pin1b_93	(pin1b_90 * .7) + (pin1b_00 * .3)
pin1b_94	(pin1b_90 * .6) + (pin1b_00 * .4)
pin1b_95	(pin1b_90 * .5) + (pin1b_00 * .5)
pin1b_96	(pin1b_90 * .4) + (pin1b_00 * .6)
pin1b_97	(pin1b_90 * .3) + (pin1b_00 * .7)

Variable	Label
pin1b_98	(pin1b_90 * .2) + (pin1b_00 * .8)
pin1b_99	(pin1b_90 * .1) + (pin1b_00 * .9)
pin1b_00	Proportion of households with Income less than 15K, 2000
pin1b_01	(pin1b_00 * .9) + (pin1b_10 * .1)
pin1b_02	(pin1b_00 * .8) + (pin1b_10 * .2)
pin1b_03	(pin1b_00 * .7) + (pin1b_10 * .3)
pin1b_04	(pin1b_00 * .6) + (pin1b_10 * .4)
pin1b_05	(pin1b_00 * .5) + (pin1b_10 * .5)
pin1b_06	(pin1b_00 * .4) + (pin1b_10 * .6)
pin1b_07	(pin1b_00 * .3) + (pin1b_10 * .7)
pin1b_08	(pin1b_00 * .2) + (pin1b_10 * .8)
pin1b_09	(pin1b_00 * .1) + (pin1b_10 * .9)
pin1b_10	Proportion of families with Income less than 15K, 2010
pin2b_90	Proportion of households with Income 15K-30K, 1990
pin2b_91	(pin2b_90 * .9) + (pin2b_00 * .1)
pin2b_92	(pin2b_90 * .8) + (pin2b_00 * .2)
pin2b_93	(pin2b_90 * .7) + (pin2b_00 * .3)
pin2b_94	(pin2b_90 * .6) + (pin2b_00 * .4)
pin2b_95	(pin2b_90 * .5) + (pin2b_00 * .5)
pin2b_96	(pin2b_90 * .4) + (pin2b_00 * .6)
pin2b_97	(pin2b_90 * .3) + (pin2b_00 * .7)
pin2b_98	(pin2b_90 * .2) + (pin2b_00 * .8)
pin2b_99	(pin2b_90 * .1) + (pin2b_00 * .9)
pin2b_00	Proportion of households with Income 15-30K, 2000
pin2b_01	(pin2b_00 * .9) + (pin2b_10 * .1)
pin2b_02	(pin2b_00 * .8) + (pin2b_10 * .2)
pin2b_03	(pin2b_00 * .7) + (pin2b_10 * .3)
pin2b_04	(pin2b_00 * .6) + (pin2b_10 * .4)
pin2b_05	(pin2b_00 * .5) + (pin2b_10 * .5)
pin2b_06	(pin2b_00 * .4) + (pin2b_10 * .6)
pin2b_07	(pin2b_00 * .3) + (pin2b_10 * .7)
pin2b_08	(pin2b_00 * .2) + (pin2b_10 * .8)
pin2b_09	(pin2b_00 * .1) + (pin2b_10 * .9)
pin2b_10	Proportion of families with Income 15-30K, 2010
pin3b_90	Proportion of households with Income 30K-50K, 1990
pin3b_91	(pin3b_90 * .9) + (pin3b_00 * .1)
pin3b_92	(pin3b_90 * .8) + (pin3b_00 * .2)
pin3b_93	(pin3b_90 * .7) + (pin3b_00 * .3)
pin3b_94	(pin3b_90 * .6) + (pin3b_00 * .4)
pin3b_95	(pin3b_90 * .5) + (pin3b_00 * .5)

Variable	Label
pin3b_96	(pin3b_90 * .4) + (pin3b_00 * .6)
pin3b_97	(pin3b_90 * .3) + (pin3b_00 * .7)
pin3b_98	(pin3b_90 * .2) + (pin3b_00 * .8)
pin3b_99	(pin3b_90 * .1) + (pin3b_00 * .9)
pin3b_00	Proportion of households with Income 30-50K, 2000
pin3b_01	(pin3b_00 * .9) + (pin3b_10 * .1)
pin3b_02	(pin3b_00 * .8) + (pin3b_10 * .2)
pin3b_03	(pin3b_00 * .7) + (pin3b_10 * .3)
pin3b_04	(pin3b_00 * .6) + (pin3b_10 * .4)
pin3b_05	(pin3b_00 * .5) + (pin3b_10 * .5)
pin3b_06	(pin3b_00 * .4) + (pin3b_10 * .6)
pin3b_07	(pin3b_00 * .3) + (pin3b_10 * .7)
pin3b_08	(pin3b_00 * .2) + (pin3b_10 * .8)
pin3b_09	(pin3b_00 * .1) + (pin3b_10 * .9)
pin3b_10	Proportion of families with Income 30-50K, 2010
pin4b_90	Proportion of households with Income 50K-100K, 1990
pin4b_91	(pin4b_90 * .9) + (pin4b_00 * .1)
pin4b_92	(pin4b_90 * .8) + (pin4b_00 * .2)
pin4b_93	(pin4b_90 * .7) + (pin4b_00 * .3)
pin4b_94	(pin4b_90 * .6) + (pin4b_00 * .4)
pin4b_95	(pin4b_90 * .5) + (pin4b_00 * .5)
pin4b_96	(pin4b_90 * .4) + (pin4b_00 * .6)
pin4b_97	(pin4b_90 * .3) + (pin4b_00 * .7)
pin4b_98	(pin4b_90 * .2) + (pin4b_00 * .8)
pin4b_99	(pin4b_90 * .1) + (pin4b_00 * .9)
pin4b_00	Proportion of households with Income 50-100K, 2000
pin4b_01	(pin4b_00 * .9) + (pin4b_10 * .1)
pin4b_02	(pin4b_00 * .8) + (pin4b_10 * .2)
pin4b_03	(pin4b_00 * .7) + (pin4b_10 * .3)
pin4b_04	(pin4b_00 * .6) + (pin4b_10 * .4)
pin4b_05	(pin4b_00 * .5) + (pin4b_10 * .5)
pin4b_06	(pin4b_00 * .4) + (pin4b_10 * .6)
pin4b_07	(pin4b_00 * .3) + (pin4b_10 * .7)
pin4b_08	(pin4b_00 * .2) + (pin4b_10 * .8)
pin4b_09	(pin4b_00 * .1) + (pin4b_10 * .9)
pin4b_10	Proportion of families with Income 50-100K, 2010
pin5b_90	Proportion of households with Income greater than 100K, 1990
pin5b_91	(pin5b_90 * .9) + (pin5b_00 * .1)
pin5b_92	(pin5b_90 * .8) + (pin5b_00 * .2)
pin5b_93	(pin5b_90 * .7) + (pin5b_00 * .3)

Variable	Label
pin5b_94	(pin5b_90 * .6) + (pin5b_00 * .4)
pin5b_95	(pin5b_90 * .5) + (pin5b_00 * .5)
pin5b_96	(pin5b_90 * .4) + (pin5b_00 * .6)
pin5b_97	(pin5b_90 * .3) + (pin5b_00 * .7)
pin5b_98	(pin5b_90 * .2) + (pin5b_00 * .8)
pin5b_99	(pin5b_90 * .1) + (pin5b_00 * .9)
pin5b_00	Proportion of households with Income greater than 100K, 2000
pin5b_01	(pin5b_00 * .9) + (pin5b_10 * .1)
pin5b_02	(pin5b_00 * .8) + (pin5b_10 * .2)
pin5b_03	(pin5b_00 * .7) + (pin5b_10 * .3)
pin5b_04	(pin5b_00 * .6) + (pin5b_10 * .4)
pin5b_05	(pin5b_00 * .5) + (pin5b_10 * .5)
pin5b_06	(pin5b_00 * .4) + (pin5b_10 * .6)
pin5b_07	(pin5b_00 * .3) + (pin5b_10 * .7)
pin5b_08	(pin5b_00 * .2) + (pin5b_10 * .8)
pin5b_09	(pin5b_00 * .1) + (pin5b_10 * .9)
pin5b_10	Proportion of families with Income greater than 100K, 2010
pincgt75k90	Proportion of households with Income greater than 75K, 1990
pincgt75k91	(pincgt75k90 * .9) + (pincgt75k00 * .1)
pincgt75k92	(pincgt75k90 * .8) + (pincgt75k00 * .2)
pincgt75k93	(pincgt75k90 * .7) + (pincgt75k00 * .3)
pincgt75k94	(pincgt75k90 * .6) + (pincgt75k00 * .4)
pincgt75k95	(pincgt75k90 * .5) + (pincgt75k00 * .5)
pincgt75k96	(pincgt75k90 * .4) + (pincgt75k00 * .6)
pincgt75k97	(pincgt75k90 * .3) + (pincgt75k00 * .7)
pincgt75k98	(pincgt75k90 * .2) + (pincgt75k00 * .8)
pincgt75k99	(pincgt75k90 * .1) + (pincgt75k00 * .9)
pincgt75k00	Proportion of households with Income greater than 75K, 2000
pincgt75k01	(pincgt75k00 * .9) + (pincgt75k10 * .1)
pincgt75k02	(pincgt75k00 * .8) + (pincgt75k10 * .2)
pincgt75k03	(pincgt75k00 * .7) + (pincgt75k10 * .3)
pincgt75k04	(pincgt75k00 * .6) + (pincgt75k10 * .4)
pincgt75k05	(pincgt75k00 * .5) + (pincgt75k10 * .5)
pincgt75k06	(pincgt75k00 * .4) + (pincgt75k10 * .6)
pincgt75k07	(pincgt75k00 * .3) + (pincgt75k10 * .7)
pincgt75k08	(pincgt75k00 * .2) + (pincgt75k10 * .8)
pincgt75k09	(pincgt75k00 * .1) + (pincgt75k10 * .9)
pincgt75k10	Proportion of families with Income greater than 75K, 2010
pnvmar90	Proportion of People 15+ Never Married, 1990
pnvmar91	(pnvmar90 * .9) + (pnvmar00 * .1)

Variable	Label
pnvmar92	(pnvmar90 * .8) + (pnvmar00 * .2)
pnvmar93	(pnvmar90 * .7) + (pnvmar00 * .3)
pnvmar94	(pnvmar90 * .6) + (pnvmar00 * .4)
pnvmar95	(pnvmar90 * .5) + (pnvmar00 * .5)
pnvmar96	(pnvmar90 * .4) + (pnvmar00 * .6)
pnvmar97	(pnvmar90 * .3) + (pnvmar00 * .7)
pnvmar98	(pnvmar90 * .2) + (pnvmar00 * .8)
pnvmar99	(pnvmar90 * .1) + (pnvmar00 * .9)
pnvmar00	Proportion of People 15+ Never Married, 2000
pnvmar01	(pnvmar00 * .9) + (pnvmar10 * .1)
pnvmar02	(pnvmar00 * .8) + (pnvmar10 * .2)
pnvmar03	(pnvmar00 * .7) + (pnvmar10 * .3)
pnvmar04	(pnvmar00 * .6) + (pnvmar10 * .4)
pnvmar05	(pnvmar00 * .5) + (pnvmar10 * .5)
pnvmar06	(pnvmar00 * .4) + (pnvmar10 * .6)
pnvmar07	(pnvmar00 * .3) + (pnvmar10 * .7)
pnvmar08	(pnvmar00 * .2) + (pnvmar10 * .8)
pnvmar09	(pnvmar00 * .1) + (pnvmar10 * .9)
pnvmar10	Proportion of People 15+ Never Married, 2010
p18yr_90	Proportion of population under 18 years of age, 1990
p18yr_91	(p18yr_90 * .9) + (p18yr_00 * .1)
p18yr_92	(p18yr_90 * .8) + (p18yr_00 * .2)
p18yr_93	(p18yr_90 * .7) + (p18yr_00 * .3)
p18yr_94	(p18yr_90 * .6) + (p18yr_00 * .4)
p18yr_95	(p18yr_90 * .5) + (p18yr_00 * .5)
p18yr_96	(p18yr_90 * .4) + (p18yr_00 * .6)
p18yr_97	(p18yr_90 * .3) + (p18yr_00 * .7)
p18yr_98	(p18yr_90 * .2) + (p18yr_00 * .8)
p18yr_99	(p18yr_90 * .1) + (p18yr_00 * .9)
p18yr_00	Proportion of population under 18 years of age, 2000
p18yr_01	(p18yr_00 * .9) + (p18yr_10 * .1)
p18yr_02	(p18yr_00 * .8) + (p18yr_10 * .2)
p18yr_03	(p18yr_00 * .7) + (p18yr_10 * .3)
p18yr_04	(p18yr_00 * .6) + (p18yr_10 * .4)
p18yr_05	(p18yr_00 * .5) + (p18yr_10 * .5)
p18yr_06	(p18yr_00 * .4) + (p18yr_10 * .6)
p18yr_07	(p18yr_00 * .3) + (p18yr_10 * .7)
p18yr_08	(p18yr_00 * .2) + (p18yr_10 * .8)
p18yr_09	(p18yr_00 * .1) + (p18yr_10 * .9)
p18yr_10	Proportion of population under 18 years of age, 2010

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Variable	Label
p18_2990	Proportion of population 18-29 years of age, 1990
p18_2991	(p18_2990 * .9) + (p18_2900 * .1)
p18_2992	(p18_2990 * .8) + (p18_2900 * .2)
p18_2993	(p18_2990 * .7) + (p18_2900 * .3)
p18_2994	(p18_2990 * .6) + (p18_2900 * .4)
p18_2995	(p18_2990 * .5) + (p18_2900 * .5)
p18_2996	(p18_2990 * .4) + (p18_2900 * .6)
p18_2997	(p18_2990 * .3) + (p18_2900 * .7)
p18_2998	(p18_2990 * .2) + (p18_2900 * .8)
p18_2999	(p18_2990 * .1) + (p18_2900 * .9)
p18_2900	Proportion of population 18-29 years of age, 2000
p18_2901	(p18_2900 * .9) + (p18_2910 * .1)
p18_2902	(p18_2900 * .8) + (p18_2910 * .2)
p18_2903	(p18_2900 * .7) + (p18_2910 * .3)
p18_2904	(p18_2900 * .6) + (p18_2910 * .4)
p18_2905	(p18_2900 * .5) + (p18_2910 * .5)
p18_2906	(p18_2900 * .4) + (p18_2910 * .6)
p18_2907	(p18_2900 * .3) + (p18_2910 * .7)
p18_2908	(p18_2900 * .2) + (p18_2910 * .8)
p18_2909	(p18_2900 * .1) + (p18_2910 * .9)
p18_2910	Proportion of population 18-29 years of age, 2010
p30_3990	Proportion of population 30-39 years of age, 1990
p30_3991	(p30_3990 * .9) + (p30_3900 * .1)
p30_3992	(p30_3990 * .8) + (p30_3900 * .2)
p30_3993	(p30_3990 * .7) + (p30_3900 * .3)
p30_3994	(p30_3990 * .6) + (p30_3900 * .4)
p30_3995	(p30_3990 * .5) + (p30_3900 * .5)
p30_3996	(p30_3990 * .4) + (p30_3900 * .6)
p30_3997	(p30_3990 * .3) + (p30_3900 * .7)
p30_3998	(p30_3990 * .2) + (p30_3900 * .8)
p30_3999	(p30_3990 * .1) + (p30_3900 * .9)
p30_3900	Proportion of population 30-39 years of age, 2000
p30_3901	(p30_3900 * .9) + (p30_3910 * .1)
p30_3902	(p30_3900 * .8) + (p30_3910 * .2)
p30_3903	(p30_3900 * .7) + (p30_3910 * .3)
p30_3904	(p30_3900 * .6) + (p30_3910 * .4)
p30_3905	(p30_3900 * .5) + (p30_3910 * .5)
p30_3906	(p30_3900 * .4) + (p30_3910 * .6)
p30_3907	(p30_3900 * .3) + (p30_3910 * .7)
p30_3908	(p30_3900 * .2) + (p30_3910 * .8)

Variable	Label
p30_3909	(p30_3900 * .1) + (p30_3910 * .9)
p30_3910	Proportion of population 30-39 years of age, 2010
p40_4990	Proportion of population 40-49 years of age, 1990
p40_4991	(p40_4990 * .9) + (p40_4900 * .1)
p40_4992	(p40_4990 * .8) + (p40_4900 * .2)
p40_4993	(p40_4990 * .7) + (p40_4900 * .3)
p40_4994	(p40_4990 * .6) + (p40_4900 * .4)
p40_4995	(p40_4990 * .5) + (p40_4900 * .5)
p40_4996	(p40_4990 * .4) + (p40_4900 * .6)
p40_4997	(p40_4990 * .3) + (p40_4900 * .7)
p40_4998	(p40_4990 * .2) + (p40_4900 * .8)
p40_4999	(p40_4990 * .1) + (p40_4900 * .9)
p40_4900	Proportion of population 40-49 years of age, 2000
p40_4901	(p40_4900 * .9) + (p40_4910 * .1)
p40_4902	(p40_4900 * .8) + (p40_4910 * .2)
p40_4903	(p40_4900 * .7) + (p40_4910 * .3)
p40_4904	(p40_4900 * .6) + (p40_4910 * .4)
p40_4905	(p40_4900 * .5) + (p40_4910 * .5)
p40_4906	(p40_4900 * .4) + (p40_4910 * .6)
p40_4907	(p40_4900 * .3) + (p40_4910 * .7)
p40_4908	(p40_4900 * .2) + (p40_4910 * .8)
p40_4909	(p40_4900 * .1) + (p40_4910 * .9)
p40_4910	Proportion of population 40-49 years of age, 2010
p50_6990	Proportion of population 50-69 years of age, 1990
p50_6991	(p50_6990 * .9) + (p50_6900 * .1)
p50_6992	(p50_6990 * .8) + (p50_6900 * .2)
p50_6993	(p50_6990 * .7) + (p50_6900 * .3)
p50_6994	(p50_6990 * .6) + (p50_6900 * .4)
p50_6995	(p50_6990 * .5) + (p50_6900 * .5)
p50_6996	(p50_6990 * .4) + (p50_6900 * .6)
p50_6997	(p50_6990 * .3) + (p50_6900 * .7)
p50_6998	(p50_6990 * .2) + (p50_6900 * .8)
p50_6999	(p50_6990 * .1) + (p50_6900 * .9)
p50_6900	Proportion of population 50-69 years of age, 2000
p50_6901	(p50_6900 * .9) + (p50_6910 * .1)
p50_6902	(p50_6900 * .8) + (p50_6910 * .2)
p50_6903	(p50_6900 * .7) + (p50_6910 * .3)
p50_6904	(p50_6900 * .6) + (p50_6910 * .4)
p50_6905	(p50_6900 * .5) + (p50_6910 * .5)
p50_6906	(p50_6900 * .4) + (p50_6910 * .6)

Variable	Label
p50_6907	(p50_6900 * .3) + (p50_6910 * .7)
p50_6908	(p50_6900 * .2) + (p50_6910 * .8)
p50_6909	(p50_6900 * .1) + (p50_6910 * .9)
p50_6910	Proportion of population 50-69 years of age, 2010
p70yr_90	Proportion of population 70+ years of age, 1990
p70yr_91	(p70yr_90 * .9) + (p70yr_00 * .1)
p70yr_92	(p70yr_90 * .8) + (p70yr_00 * .2)
p70yr_93	(p70yr_90 *.7) + (p70yr_00 * .3)
p70yr_94	(p70yr_90 * .6) + (p70yr_00 * .4)
p70yr_95	(p70yr_90 * .5) + (p70yr_00 * .5)
p70yr_96	(p70yr_90 * .4) + (p70yr_00 * .6)
p70yr_97	(p70yr_90 * .3) + (p70yr_00 * .7)
p70yr_98	(p70yr_90 * .2) + (p70yr_00 * .8)
p70yr_99	(p70yr_90 * .1) + (p70yr_00 * .9)
p70yr_00	Proportion of population 70+ years of age, 2000
p70yr_01	(p70yr_00 * .9) + (p70yr_10 * .1)
p70yr_02	(p70yr_00 * .8) + (p70yr_10 * .2)
p70yr_03	(p70yr_00 *.7) + (p70yr_10 * .3)
p70yr_04	(p70yr_00 * .6) + (p70yr_10 * .4)
p70yr_05	(p70yr_00 * .5) + (p70yr_10 * .5)
p70yr_06	(p70yr_00 * .4) + (p70yr_10 * .6)
p70yr_07	(p70yr_00 * .3) + (p70yr_10 * .7)
p70yr_08	(p70yr_00 * .2) + (p70yr_10 * .8)
p70yr_09	(p70yr_00 * .1) + (p70yr_10 * .9)
p70yr_10	Proportion of population 70+ years of age, 2010
punemp90	Proportion 16+ civ labor force unemployed, 1990
punemp91	(punemp90 * .9) + (punemp00 * .1)
punemp92	(punemp90 * .8) + (punemp00 * .2)
punemp93	(punemp90 * .7) + (punemp00 * .3)
punemp94	(punemp90 * .6) + (punemp00 * .4)
punemp95	(punemp90 * .5) + (punemp00 * .5)
punemp96	(punemp90 * .4) + (punemp00 * .6)
punemp97	(punemp90 * .3) + (punemp00 * .7)
punemp98	(punemp90 * .2) + (punemp00 * .8)
punemp99	(punemp90 * .1) + (punemp00 * .9)
punemp00	Proportion 16+ civ labor force unemployed, 2000
punemp01	(punemp00 * .9) + (punemp10 * .1)
punemp02	(punemp00 * .8) + (punemp10 * .2)
punemp03	(punemp00 * .7) + (punemp10 * .3)
punemp04	(punemp00 * .6) + (punemp10 * .4)

Variable	Label
punemp05	(punemp00 * .5) + (punemp10 * .5)
punemp06	(punemp00 * .4) + (punemp10 * .6)
punemp07	(punemp00 * .3) + (punemp10 * .7)
punemp08	(punemp00 * .2) + (punemp10 * .8)
punemp09	(punemp00 * .1) + (punemp10 * .9)
punemp10	Proportion 16+ civ labor force unemployed, 2010
pprof90	Proportion emplyd civ 16+ mngmnt/prof occup, 1990
pprof91	(pprof90 * .9) + (pprof00 * .1)
pprof92	(pprof90 * .8) + (pprof00 * .2)
pprof93	(pprof90 * .7) + (pprof00 * .3)
pprof94	(pprof90 * .6) + (pprof00 * .4)
pprof95	(pprof90 * .5) + (pprof00 * .5)
pprof96	(pprof90 * .4) + (pprof00 * .6)
pprof97	(pprof90 * .3) + (pprof00 * .7)
pprof98	(pprof90 * .2) + (pprof00 * .8)
pprof99	(pprof90 * .1) + (pprof00 * .9)
pprof00	Proportion emplyd civ 16+ mngmnt/prof occup, 2000
pprof01	(pprof00 * .9) + (pprof10 * .1)
pprof02	(pprof00 * .8) + (pprof10 * .2)
pprof03	(pprof00 * .7) + (pprof10 * .3)
pprof04	(pprof00 * .6) + (pprof10 * .4)
pprof05	(pprof00 * .5) + (pprof10 * .5)
pprof06	(pprof00 * .4) + (pprof10 * .6)
pprof07	(pprof00 * .3) + (pprof10 * .7)
pprof08	(pprof00 * .2) + (pprof10 * .8)
pprof09	(pprof00 * .1) + (pprof10 * .9)
pprof10	Proportion emplyd civ 16+ mngmnt/prof occup, 2010
ppov90	Proportion people w/ income past 12 months below poverty level, 1990
ppov91	(ppov90 * .9) + (ppov00 * .1)
ppov92	(ppov90 * .8) + (ppov00 * .2)
ppov93	(ppov90 * .7) + (ppov00 * .3)
ppov94	(ppov90 * .6) + (ppov00 * .4)
ppov95	(ppov90 * .5) + (ppov00 * .5)
ppov96	(ppov90 * .4) + (ppov00 * .6)
ppov97	(ppov90 * .3) + (ppov00 * .7)
ppov98	(ppov90 * .2) + (ppov00 * .8)
ppov99	(ppov90 * .1) + (ppov00 * .9)
ppov00	Proportion people w/ income past 12 months below poverty level, 2000
ppov01	(ppov00 * .9) + (ppov10 * .1)
ppov02	(ppov00 * .8) + (ppov10 * .2)

Variable	Label
ppov03	(ppov00 * .7) + (ppov10 * .3)
ppov04	(ppov00 * .6) + (ppov10 * .4)
ppov05	(ppov00 * .5) + (ppov10 * .5)
ppov06	(ppov00 * .4) + (ppov10 * .6)
ppov07	(ppov00 * .3) + (ppov10 * .7)
ppov08	(ppov00 * .2) + (ppov10 * .8)
ppov09	(ppov00 * .1) + (ppov10 * .9)
ppov10	Proportion people w/ income past 12 months below poverty level, 2010
ppubas90	Percentage of households with public assistance income, 1990
ppubas91	(ppubas90 * .9) + (ppubas00 * .1)
ppubas92	(ppubas90 * .8) + (ppubas00 * .2)
ppubas93	(ppubas90 * .7) + (ppubas00 * .3)
ppubas94	(ppubas90 * .6) + (ppubas00 * .4)
ppubas95	(ppubas90 * .5) + (ppubas00 * .5)
ppubas96	(ppubas90 * .4) + (ppubas00 * .6)
ppubas97	(ppubas90 * .3) + (ppubas00 * .7)
ppubas98	(ppubas90 * .2) + (ppubas00 * .8)
ppubas99	(ppubas90 * .1) + (ppubas00 * .9)
ppubas00	Proportion of households with public assistance income, 2000
ppubas01	(ppubas00 * .9) + (ppubas10 * .1)
ppubas02	(ppubas00 * .8) + (ppubas10 * .2)
ppubas03	(ppubas00 * .7) + (ppubas10 * .3)
ppubas04	(ppubas00 * .6) + (ppubas10 * .4)
ppubas05	(ppubas00 * .5) + (ppubas10 * .5)
ppubas06	(ppubas00 * .4) + (ppubas10 * .6)
ppubas07	(ppubas00 * .3) + (ppubas10 * .7)
ppubas08	(ppubas00 * .2) + (ppubas10 * .8)
ppubas09	(ppubas00 * .1) + (ppubas10 * .9)
ppubas10	Proportion of households with public assistance income, 2010
pfhfam90	Proportion single female-headed families w/ kids, 1990
pfhfam91	(pfhfam90 * .9) + (pfhfam00 * .1)
pfhfam92	(pfhfam90 * .8) + (pfhfam00 * .2)
pfhfam93	(pfhfam90 * .7) + (pfhfam00 * .3)
pfhfam94	(pfhfam90 * .6) + (pfhfam00 * .4)
pfhfam95	(pfhfam90 * .5) + (pfhfam00 * .5)
pfhfam96	(pfhfam90 * .4) + (pfhfam00 * .6)
pfhfam97	(pfhfam90 * .3) + (pfhfam00 * .7)
pfhfam98	(pfhfam90 * .2) + (pfhfam00 * .8)
pfhfam99	(pfhfam90 * .1) + (pfhfam00 * .9)
pfhfam00	Proportion female-headed families w/ kids, 2000

Variable	Label
pfhfam01	(pfhfam00 * .9) + (pfhfam10 * .1)
pfhfam02	(pfhfam00 * .8) + (pfhfam10 * .2)
pfhfam03	(pfhfam00 * .7) + (pfhfam10 * .3)
pfhfam04	(pfhfam00 * .6) + (pfhfam10 * .4)
pfhfam05	(pfhfam00 * .5) + (pfhfam10 * .5)
pfhfam06	(pfhfam00 * .4) + (pfhfam10 * .6)
pfhfam07	(pfhfam00 * .3) + (pfhfam10 * .7)
pfhfam08	(pfhfam00 * .2) + (pfhfam10 * .8)
pfhfam09	(pfhfam00 * .1) + (pfhfam10 * .9)
pfhfam10	Proportion female-headed families w/ kids, 2010
pownoc90	Proportion of owner occupied housing units, 1990
pownoc91	(pownoc90 * .9) + (pownoc00 * .1)
pownoc92	(pownoc90 * .8) + (pownoc00 * .2)
pownoc93	(pownoc90 * .7) + (pownoc00 * .3)
pownoc94	(pownoc90 * .6) + (pownoc00 * .4)
pownoc95	(pownoc90 * .5) + (pownoc00 * .5)
pownoc96	(pownoc90 * .4) + (pownoc00 * .6)
pownoc97	(pownoc90 * .3) + (pownoc00 * .7)
pownoc98	(pownoc90 * .2) + (pownoc00 * .8)
pownoc99	(pownoc90 * .1) + (pownoc00 * .9)
pownoc00	Proportion of owner occupied housing units, 2000
pownoc01	(pownoc00 * .9) + (pownoc10 * .1)
pownoc02	(pownoc00 * .8) + (pownoc10 * .2)
pownoc03	(pownoc00 * .7) + (pownoc10 * .3)
pownoc04	(pownoc00 * .6) + (pownoc10 * .4)
pownoc05	(pownoc00 * .5) + (pownoc10 * .5)
pownoc06	(pownoc00 * .4) + (pownoc10 * .6)
pownoc07	(pownoc00 * .3) + (pownoc10 * .7)
pownoc08	(pownoc00 * .2) + (pownoc10 * .8)
pownoc09	(pownoc00 * .1) + (pownoc10 * .9)
pownoc10	Proportion of owner occupied housing units, 2010
disadvantage90	mean of pnhblack pfhfam ppubas ppov punemp, 1990
disadvantage91	(disadvantage90 * .9) + (disadvantage00 * .1)
disadvantage92	(disadvantage90 * .8) + (disadvantage00 * .2)
disadvantage93	(disadvantage90 * .7) + (disadvantage00 * .3)
disadvantage94	(disadvantage90 * .6) + (disadvantage00 * .4)
disadvantage95	(disadvantage90 * .5) + (disadvantage00 * .5)
disadvantage96	(disadvantage90 * .4) + (disadvantage00 * .6)
disadvantage97	(disadvantage90 * .3) + (disadvantage00 * .7)
disadvantage98	(disadvantage90 * .2) + (disadvantage00 * .8)

Variable	Label
disadvantage99	(disadvantage90 * .1) + (disadvantage00 * .9)
disadvantage00	mean of pnhblack00 pfhfam00 ppubas00 ppov00 punemp00
disadvantage01	mean of pnhblack01 pfhfam01 ppubas01 ppov01 punemp01
disadvantage02	mean of pnhblack02 pfhfam02 ppubas02 ppov02 punemp02
disadvantage03	mean of pnhblack03 pfhfam03 ppubas03 ppov03 punemp03
disadvantage04	mean of pnhblack04 pfhfam04 ppubas04 ppov04 punemp04
disadvantage05	mean of pnhblack05 pfhfam05 ppubas05 ppov05 punemp05
disadvantage06	mean of pnhblack06 pfhfam06 ppubas06 ppov06 punemp06
disadvantage07	mean of pnhblack07 pfhfam07 ppubas07 ppov07 punemp07
disadvantage08	mean of pnhblack08 pfhfam08 ppubas08 ppov08 punemp08
disadvantage09	mean of pnhblack09 pfhfam09 ppubas09 ppov09 punemp09
disadvantage10	mean of pnhblack10 pfhfam10 ppubas10 ppov10 punemp10, 2010
disadvantage2_90	mean of pfhfam ppubas ppov punemp, 1990
disadvantage2_91	(disadvantage2_90 * .9) + (disadvantage2_00 * .1)
disadvantage2_92	(disadvantage2_90 * .8) + (disadvantage2_00 * .2)
disadvantage2_93	(disadvantage2_90 * .7) + (disadvantage2_00 * .3)
disadvantage2_94	(disadvantage2_90 * .6) + (disadvantage2_00 * .4)
disadvantage2_95	(disadvantage2_90 * .5) + (disadvantage2_00 * .5)
disadvantage2_96	(disadvantage2_90 * .4) + (disadvantage2_00 * .6)
disadvantage2_97	(disadvantage2_90 * .3) + (disadvantage2_00 * .7)
disadvantage2_98	(disadvantage2_90 * .2) + (disadvantage2_00 * .8)
disadvantage2_99	(disadvantage2_90 * .1) + (disadvantage2_00 * .9)
disadvantage2_00	mean of pfhfam00 ppubas00 ppov00 punemp00
disadvantage2_01	mean of pfhfam01 ppubas01 ppov01 punemp01
disadvantage2_02	mean of pfhfam02 ppubas02 ppov02 punemp02
disadvantage2_03	mean of pfhfam03 ppubas03 ppov03 punemp03
disadvantage2_04	mean of pfhfam04 ppubas04 ppov04 punemp04
disadvantage2_05	mean of pfhfam05 ppubas05 ppov05 punemp05
disadvantage2_06	mean of pfhfam06 ppubas06 ppov06 punemp06
disadvantage2_07	mean of pfhfam07 ppubas07 ppov07 punemp07
disadvantage2_08	mean of pfhfam08 ppubas08 ppov08 punemp08
disadvantage2_09	mean of pfhfam09 ppubas09 ppov09 punemp09
disadvantage2_10	mean of pfhfam10 ppubas10 ppov10 punemp10, 2010
affluence90	mean of phhincgt75k_ ped3_ pprof, 1990
affluence91	(affluence90 * .9) + (affluence00 * .1)
affluence92	(affluence90 * .8) + (affluence00 * .2)
affluence93	(affluence90 * .7) + (affluence00 * .3)
affluence94	(affluence90 * .6) + (affluence00 * .4)
affluence95	(affluence90 * .5) + (affluence00 * .5)
affluence96	(affluence90 * .4) + (affluence00 * .6)

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Variable	Label
affluence97	(affluence90 * .3) + (affluence00 * .7)
affluence98	(affluence90 * .2) + (affluence00 * .8)
affluence99	(affluence90 * .1) + (affluence00 * .9)
affluence00	mean of pincgt75k_00 ped3_00 pprof00, 2000
affluence01	(affluence00 * .9) + (affluence10 * .1)
affluence02	(affluence00 * .8) + (affluence10 * .2)
affluence03	(affluence00 * .7) + (affluence10 * .3)
affluence04	(affluence00 * .6) + (affluence10 * .4)
affluence05	(affluence00 * .5) + (affluence10 * .5)
affluence06	(affluence00 * .4) + (affluence10 * .6)
affluence07	(affluence00 * .3) + (affluence10 * .7)
affluence08	(affluence00 * .2) + (affluence10 * .8)
affluence09	(affluence00 * .1) + (affluence10 * .9)
affluence10	mean of pinc75k10 ped3_10 pprof10, 2010
hispan_forborn90	mean of phisp pfborn, 1990
hispan_forborn91	(ethnicimmigrant90 * .9) + (ethnicimmigrant00 * .1)
hispan_forborn92	(ethnicimmigrant90 * .8) + (ethnicimmigrant00 * .2)
hispan_forborn93	(ethnicimmigrant90 * .7) + (ethnicimmigrant00 * .3)
hispan_forborn94	(ethnicimmigrant90 * .6) + (ethnicimmigrant00 * .4)
hispan_forborn95	(ethnicimmigrant90 * .5) + (ethnicimmigrant00 * .5)
hispan_forborn96	(ethnicimmigrant90 * .4) + (ethnicimmigrant00 * .6)
hispan_forborn97	(ethnicimmigrant90 * .3) + (ethnicimmigrant00 * .7)
hispan_forborn98	(ethnicimmigrant90 * .2) + (ethnicimmigrant00 * .8)
hispan_forborn99	(ethnicimmigrant90 * .1) + (ethnicimmigrant00 * .9)
hispan_forborn00	mean of phispanic00 pfborn00, 2000
hispan_forborn01	(ethnicimmigrant00 * .9) + (ethnicimmigrant10 * .1)
hispan_forborn02	(ethnicimmigrant00 * .8) + (ethnicimmigrant10 * .2)
hispan_forborn03	(ethnicimmigrant00 * .7) + (ethnicimmigrant10 * .3)
hispan_forborn04	(ethnicimmigrant00 * .6) + (ethnicimmigrant10 * .4)
hispan_forborn05	(ethnicimmigrant00 * .5) + (ethnicimmigrant10 * .5)
hispan_forborn06	(ethnicimmigrant00 * .4) + (ethnicimmigrant10 * .6)
hispan_forborn07	(ethnicimmigrant00 * .3) + (ethnicimmigrant10 * .7)
hispan_forborn08	(ethnicimmigrant00 * .2) + (ethnicimmigrant10 * .8)
hispan_forborn09	(ethnicimmigrant00 * .1) + (ethnicimmigrant10 * .9)
hispan_forborn10	mean of phispanic10 pfborn10, 2010

References

Adams, T. K. (2000). *Census of Population and Housing, 1990 [United States]: Extract Data: Version 1* [Dataset]. ICPSR - Interuniversity Consortium for Political and Social Research. https://doi.org/10.3886/ICPSR02889.V1

Clarke, P. J. (2023, April 25). *Updated Neighborhood Socioeconomic and Demographic Status Dataset | Nanda (National Neighborhood Data Archive)*. https://nanda.isr.umich.edu/2023/04/25/updated-neighborhood-socioeconomic-and-demographic-status-dataset/

Clarke, P. J., & Melendez, R. (2023, March 23). *The National Neighborhood Data Archive (NaNDA): 2016-2020 Neighborhood Sociodemographic Measures Technical Documentation on Index Creation*. https://doi.org/10.7302/7033

Logan, J. R., Xu, Z., & Stults, B. J. (2014). Interpolating U.S. Decennial Census Tract Data from as Early as 1970 to 2010: A Longitudinal Tract Database. *The Professional Geographer*, *66*(3), 412–420. https://doi.org/10.1080/00330124.2014.905156

United States Census Bureau. (2021, December 16). *About the 1990 Decennial Census*. Census.Gov. https://www.census.gov/programs-surveys/decennial-census/decade/1990/about-1990.html

United States Census Bureau, U. C. (2024, February 15). *Decennial Census (2020, 2010, 2000)*. Census.Gov. https://www.census.gov/data/developers/data-sets/decennial-census.html

National Neighborhood Data Archive (NaNDA)
Neighborhood Socioeconomic Status and Demographic Characteristics of Census Tracts, United States, 1990-2010