GIS Code Book: New York City 2010 Census Tract Metrics

Geospatial Measures from the 2006-2010 American Community Survey (ACS): Variable Data Dictionary

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DEPARTMENT OF EPIDEMIOLOGY

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Social Environment Variables

ACS 2006-2010 Variables (5-Year Estimates)

Census Tract ACS 2006-2010 variables were acquired from Social Explorer (www.socialexplorer.com) at the 2010 Census Tract unit or level of geography. The original census variable names were slightly modified in order to provide a systematic naming and to provide an indicator of the type of variable being provided. The ACS census variable names use the following naming convention:

1 Variables are prefixed with 1 value, where '******' equals:

- **t10** = tracts, 2010

2 Variables are suffixed with 1 of 5 values, where 'x' equals:

- **c** = count
- **p** = percent
- **d** = density *(highlighted in purple text)*
- **a** = average *(highlighted in blue text)*
- **m** = median *(highlighted in red text)*

♠ Please note that there are very few *average* and *median* variables provided, which is why they have been highlighted in colored text for easy identification. Any *count* variable also has a corresponding *percent* variable. Only one *density* variable is provided, and that is *population density (**_001001d)*.

> ****_ctcnt** – Count of unique census tracts intersecting each neighborhood definition.

1. Total Population

Universe: Total Population
Name: T1
Variables:
  **_001001x: Total Population
  _001001dx: Total Population Density (**_001001c** / ****_lndkm2**)

2. Sex

Universe: Total Population
Name: T4
Variables:
  **_004001x: Total Population:
  **_004002x: Male
  **_004003x: Female

3. Sex by Age

Universe: Total Population
Name: T5
Variables:
  **_005001x: Total Population:
  **_005002x: Male:
  **_005003x: Under 5 Years
  **_005004x: 5 to 9 Years
  **_005005x: 10 to 14 Years
  **_005006x: 15 to 17 Years
  **_005007x: 18 to 24 Years

**_005008x:	25 to 34 Years
**_005009x:	35 to 44 Years
**_005010x:	45 to 54 Years
**_005011x:	55 to 64 Years
**_005012x:	65 to 74 Years
**_005013x:	75 to 84 Years
**_005014x:	85 Years and over
**_005015x:	Female:
**_005016x:	Under 5 Years
**_005017x:	5 to 9 Years
**_005018x:	10 to 14 Years
**_005019x:	15 to 17 Years
**_005020x:	18 to 24 Years
**_005021x:	25 to 34 Years
**_005022x:	35 to 44 Years
**_005023x:	45 to 54 Years
**_005024x:	55 to 64 Years
**_005025x:	65 to 74 Years
**_005026x:	75 to 84 Years
**_005027x:	85 Years and over

4. Race

Universe: Total Population
Name: T13
Variables:

**_013001x:	Total Population:
**_013002x:	White Alone
**_013003x:	Black or African American Alone
**_013004x:	American Indian and Alaska Native Alone
**_013005x:	Asian Alone
**_013006x:	Native Hawaiian and Other Pacific Islander Alone
**_013007x:	Some Other Race Alone
**_013008x:	Two or more races

5. Hispanic or Latino by Race

Universe: Total Population
Name: T14
Variables:

**_014001x:	Total Population
**_014002x:	Not Hispanic or Latino:
**_014003x:	White Alone
**_014004x:	Black or African American Alone
**_014005x:	American Indian and Alaska Native Alone
**_014006x:	Asian Alone
**_014007x:	Native Hawaiian and Other Pacific Islander Alone
**_014008x:	Some Other Race Alone
**_014009x:	Two or more races
**_014010x:	Hispanic or Latino:
**_014011x:	White Alone
**_014012x:	Black or African American Alone
**_014013x:	American Indian and Alaska Native Alone
**_014014x:	Asian Alone
**_014015x:	Native Hawaiian and Other Pacific Islander Alone
**_014016x:	Some Other Race Alone
**_014017x:	Two or more races

6. Households by Household Type

Universe: Households
Name: T17
Variables:
  _017001x: Households:
  _017002x: Family Households:
  _017003x: Married-couple Family
  _017004x: Other Family:
  _017005x: Male Householder, no wife present
  _017006x: Female Householder, no husband present
  _017007x: Nonfamily Households:
  _017008x: Male Householder
  _017009x: Female Householder

7. Households by Presence of People Under 18 Years by Household Type

Universe: Households
Name: T18
Variables:
  _018001x: Households:
  _018002x: Households with one or more people under 18 Years:
  _018003x: Family Households:
  _018004x: Married-couple Family
  _018005x: Other Family (Single Parent):
  _018006x: Male Householder, no wife present
  _018007x: Female Householder, no husband present
  _018008x: Nonfamily Households:
  _018009x: Male Householder
  _018010x: Female Householder
  _018011x: Households with no people under 18 Years:
  _018012x: Family Households:
  _018013x: Married-couple Family
  _018014x: Other Family:
  _018015x: Male Householder, no wife present
  _018016x: Female Householder, no husband present
  _018017x: Nonfamily Households:
  _018018x: Male Householder
  _018019x: Female Householder

8. Households by Race of Householder

Universe: Households
Name: T19
Variables:
  _019001x: Households:
  _019002x: with a Householder who is White Alone
  _019003x: with a Householder who is Black or African American Alone
  _019004x: with a Householder who is American Indian and Alaska Native Alone
  _019005x: with a Householder who is Asian Alone
  _019006x: with a Householder who is Native Hawaiian and Other Pacific Islander Alone
  _019007x: with a Householder who is Some Other Race Alone
  _019008x: with a Householder who is two or more races
  _019009x: with a Householder who is Hispanic or Latino
  _019010x: with a Householder who is White Alone, not Hispanic or Latino

9. Population in Households by Household Type and Relationship

Universe: Total Population
Name: T20
Variables:
  _020001x: Total Population
  _020002x: in Households:
  _020003x: in Family Households:
  _020004x: Householder
  _020005x: Spouse
  _020006x: Child
  _020007x: Grandchild
  _020008x: Brother or sister
  _020009x: Parent
  _020010x: Other relatives
  _020011x: Nonrelatives
  _020012x: in nonfamily Households:
  _020013x: Living Alone
  _020014x: Not living Alone
  _020015x: Nonrelatives
  _020016x: in group quarters

10. Average Household Size

Universe: Occupied Households
Name: T21
Variables:
  _021001x: Average Household Size

11. Marital Status for The Population 15 Years And Over

Universe: Population 15 Years and over
Name: T22
Variables:
  _022001x: Population 15 Years and over:
  _022002x: Never married
  _022003x: Now married (Not including Separated)
  _022004x: Separated
  _022005x: Widowed
  _022006x: Divorced

12. Unmarried-Partner Households by Sex of Partners

Universe: Households
Namex: T23
Variables:
  _023001x: Households
  _023002x: Unmarried-partner Households:
  _023003x: Same Sex Partners:
  _023004x: Male Householder and male partner
  _023005x: Female Householder and female partner
  _023006x: Opposite Sex Partners:
  _023007x: Male Householder and female partner
  _023008x: Female Householder and male partner
  _023009x: All Other Households

13. Group Quarters Population

Universe: Total Population
Name: T24
Variables:
 _024001x: Total Population:
 _024002x: Population in group quarters
 _024003x: Population NOT in group quarters

14. Educational Attainment for Population 25 Years And Over

Universe: Population 25 Years and over
Name: T25
Variables:
 _025001x: Population 25 Years and over:
 _025002x: Less Than High School
 _025003x: High School Graduate (includes equivalency)
 _025004x: Some college
 _025005x: Bachelor's degree
 _025006x: Master's degree
 _025007x: Professional school degree
 _025008x: Doctorate degree

15. Cumulative Educational Attainment for Population 25 Years And Over

Universe: Population 25 Years and over
Name: T150
Variables:
 _150001x: Population 25 Years and over:
 _150002x: Less Than High School
 _150003x: High School Graduate or more (includes equivalency)
 _150004x: Some college or more
 _150005x: Bachelor's degree or more
 _150006x: Master's degree or more
 _150007x: Professional school degree or more
 _150008x: Doctorate degree

16. School Enrollment for The Population 3 Years And Over

Universe: Population 3 Years and over
Name: T28
Variables:
 _028001x: Population 3 Years and over:
 _028002x: Enrolled in School
 _028003x: Not Enrolled in School

17. Level of School by Type of School for Enrolled in School Population 3 Years And Over

Universe: Population 3 Years and over Enrolled in School
Name: T29
 _029001x: Population 3 Years and over Enrolled in School
 _029002x: Public School:
 _029003x: Pre-school
 _029004x: K-8
 _029005x: 9-12
 _029006x: College
 _029007x: Private School:
 _029008x: Pre-school
 _029009x: K-8
 _029010x: 9-12
 _029011x: College

18. School Dropout Rate for Population 16 to 19 Years

Universe: Civilian Population 16 to 19 Years
Name: T30
Variables:
- **_030001x**: Civilian Population 16 to 19 Years:
- **_030002x**:   Not high school graduate, not enrolled (dropped out)
- **_030003x**:   High school graduate, or enrolled (in school)

19. Employment Status for Total Population 16 Years And Over

Universe: Population 16 Years and over
Name: T33
Variables:
- **_033001x**: Population 16 Years and over:
- **_033002x**:   in labor force:
- **_033003x**:   in Armed forces
- **_033004x**:   Civilian:
- **_033005x**:   Employed
- **_033006x**:   Unemployed
- **_033007x**:   Not in labor force

20. Industry by Occupation for Employed Civilian Population 16 Years And Over

Universe: Civilian employed population 16 years and over
Name: T49
Variables:
- **_049001x**: Total Employed Civilian Population 16 Years and Over
- **_049002x**:   Agriculture, forestry, fishing and hunting, and mining
- **_049003x**:   Construction
- **_049004x**:   Manufacturing
- **_049005x**:   Wholesale trade
- **_049006x**:   Retail trade
- **_049007x**:   Transportation and warehousing, and utilities
- **_049008x**:   information
- **_049009x**:   Finance and insurance, and real estate and rental and leasing
- **_049010x**:   Professional, scientific, and management, and administrative and waste management services
- **_049011x**:   Educational services, and health care and social assistance
- **_049012x**:   Arts, entertainment, and recreation, and accommodation and food services
- **_049013x**:   Other services, except public administration
- **_049014x**:   Public administration

21. Occupation for Employed Civilian Population 16 Years And Over

Universe: Employed civilian Population 16 Years and over
Name: T50
- **_050001x**: Employed civilian Population 16 Years and over:
- **_050002x**:   Management, business, and financial operations occupations
- **_050003x**:   Professional and related occupations
- **_050004x**:   Healthcare support occupations
- **_050005x**:   Protective service occupations
- **_050006x**:   Food preparation and serving related occupations
- **_050007x**:   Building and grounds cleaning and maintenance occupations
- **_050008x**:   Personal care and service occupations
- **_050009x**:   Sales and related occupations
- **_050010x**:   office and administrative support occupations
- **_050011x**:   Farming, fishing, and forestry occupations
- **_050012x**:   Construction, extraction, and maintenance occupations
- **_050013x**:   Production occupations
- **_050014x**:   Transportation and material moving occupations

22. Employment Sector for Employed Civilian Population 16 Years And Over

Universe: Total Employed Civilian Population 16 Years And Over
Name: T53
Variables:
_053001x: Employed Civilian Population 16 Years and Over:
_053002x: Private Sector
_053003x: Public Sector
_053004x: Self-Employed (incorporated and not incorporated)
_053005x: Private Non-Profit
_053006x: Unpaid Family Workers

23. Household income (in 2010 inflation Adjusted Dollars)

Universe: Households
Name: T56
Variables:
_056001x: Households:
_056002x: Less than $10,000
_056003x: $10,000 to $14,999
_056004x: $15,000 to $19,999
_056005x: $20,000 to $24,999
_056006x: $25,000 to $29,999
_056007x: $30,000 to $34,999
_056008x: $35,000 to $39,999
_056009x: $40,000 to $44,999
_056010x: $45,000 to $49,999
_056011x: $50,000 to $59,999
_056012x: $60,000 to $74,999
_056013x: $75,000 to $99,999
_056014x: $100,000 to $124,999
_056015x: $125,000 to $149,999
_056016x: $150,000 to $199,999
_056017x: $200,000 or more

24. Median Household income (in 2010 inflation Adjusted Dollars)

Universe: Households
Name: T57
Variables:
_057001x: Median household income (in 2010 inflation Adjusted Dollars)

25. Median Household income by Race (in 2010 inflation Adjusted Dollars)

Universe: Households
Name: T58
Variables:
_058001x: Median household income (in 2010 inflation Adjusted Dollars):
_058002x: White Alone Householder
_058003x: Black or African American Alone Householder
_058004x: American Indian and Alaska Native Alone Householder
_058005x: Asian Alone
_058006x: Native Hawaiian and Other Pacific Islander Alone Householder
_058007x: Some Other Race Alone Householder
_058008x: Two or more Races Householder
_058009x: Hispanic or Latino Householder
_058010x: White Alone Householder, not Hispanic or Latino

26. Median Household income by Tenure (in 2010 inflation Adjusted Dollars)

Universe: Occupied housing units
Name: T67
Variables:
  _067001x: Median Household income Occupied housing units:
  _067002x: Owner occupied
  _067003x: Renter occupied

27. Households with Earnings

Universe: Households
Name: T74
Variables:
  _074001x: Households:
  _074002x: With earnings
  _074003x: No earnings

28. Households with Wage or Salary income

Universe: Households
Name: T75
Variables:
  _075001x: Households:
  _075002x: With wage or salary income
  _075003x: No wage or salary income

29. Households with Self-Employment income

Universe: Households
Name: T76
Variables:
  _076001x: Households:
  _076002x: With self-employment income
  _076003x: No self-employment income

30. Households With interest, Dividends, or Net Rental income

Universe: Households
Name: T77
Variables:
  _077001x: Households:
  _077002x: With interest, dividends, or net rental income
  _077003x: No interest, dividends, or net rental income

31. Households with Social Security income

Universe: Households
Name: T78
Variables:
  _078001x: Households:
  _078002x: With Social Security income
  _078003x: No Social Security income

32. Households with Supplemental Security income (SSI)

Universe: Households
Name: T79
Variables:
  _079001x: Households:
  _079002x: With Supplemental Security income (SSI)
  _079003x: No Supplemental Security income (SSI)

33. Households with Public Assistance income

Universe: Households
Name: T80
Variables:
_080001x: Households:
_080002x: With public assistance income
_080003x: No public assistance income

34. Households with Retirement income

Universe: Households
Name: T81
Variables:
_081001x: Households:
_081002x: With retirement income
_081003x: No retirement income

35. Households with Other Types of income

Universe: Households
Name: T82
Variables:
_082001x: Households:
_082002x: With Other types of income
_082003x: No Other types of income

36. Housing Units

Universe: Housing units
Name: T93
Variables:
_093001x: Housing units

37. Tenure

Universe: Occupied Housing Units
Name: T94
Variables:
_094001x: Occupied Housing Units:
_094002x: Owner Occupied
_094003x: Renter Occupied

38. Occupancy Status

Universe: Housing units
Name: T95
Variables:
_095001x: Housing units:
_095002x: Occupied
_095003x: Vacant

39. Vacancy Status by Type of Vacancy

Universe: Vacant housing units
Name: T96
Variables:
_096001x: Vacant Housing Units:
_096002x: for rent
_096003x: for sale only
_096004x: Other vacant

40. Housing Units in Structure

Universe: Housing Units
Name: T97
Variables:
  _097001x: Housing Units:
  _097002x: 1 Unit:
  _097003x: 1, detached
  _097004x: 1, attached
  _097005x: 2
  _097006x: 3 or 4
  _097007x: 5 to 9
  _097008x: 10 to 19
  _097009x: 20 to 49
  _097010x: 50 or more
  _097011x: Mobile home
  _097012x: Boat, RV, van, etc.

41. Median Year Structure Built

Universe: Housing units
Name: T98
Variables:
  _098001x: Median year structure built

42. Poverty Status in 2010 of Families by Family Type by Presence of Children Under 18 Years

Universe: Families
Name: T113
Variables:
  _113001x: Families:
  _113002x: income in 2010 below poverty level:
  _113003x: Married Couple Family: With Related Child Living Below Poverty Level
  _113004x: Married Couple Family: No related children under 18 Years
  _113005x: Male Householder, no wife present:
  _113006x: With related children under 18 Years
  _113007x: No related children under 18 Years
  _113008x: Female Householder, no husband present:
  _113009x: With related children under 18 Years
  _113010x: No related children under 18 Years
  _113011x: income in 2010 at or above poverty level

43. Ratio of income in 2010 to Poverty Level

Universe: Population for whom poverty status is determined
Name: T117
Variables:
  _117001x: Population for whom poverty status is determined:
  _117002x: Under .50
  _117003x: .50 to .74
  _117004x: .75 to .99
  _117005x: 1.00 to 1.49
  _117006x: 1.50 to 1.99
  _117007x: 2.00 and over

44. Ratio of income in 2010 to Poverty Level (Summarized)

Universe: Population for whom poverty status is determined
Name: T118
Variables:
  _118001x: Population for whom poverty status is determined:
  _118002x: Under 1.00 (Doing Poorly)
  _118003x: 1.00 to 1.99 (Struggling)
  _118004x: Under 2.00 (Poor or struggling)
  _118005x: 2.00 and over (Doing ok)

45. Means of Transportation to Work for Workers 16 Years And Over

Universe: Workers 16 Years and over
Name: T128
Variables:
  _128001x: Workers 16 Years and over:
  _128002x: Car, truck, or van
  _128003x: Public transportation (includes Taxicab)
  _128004x: Motorcycle
  _128005x: Bicycle
  _128006x: Walked
  _128007x: Other means
  _128008x: Worked at home

46. Travel Time to Work for Workers 16 Years And Over

Universe: Workers 16 Years and over
Name: T129
Variables:
  _129001x: Workers 16 Years and over:
  _129002x: Did not work at home:
  _129003x: Less than 10 minutes
  _129004x: 10 to 19 minutes
  _129005x: 20 to 29 minutes
  _129006x: 30 to 39 minutes
  _129007x: 40 to 59 minutes
  _129008x: 60 to 89 minutes
  _129009x: 90 or more minutes
  _129010x: Worked at home

47. Residence 1 Year Ago by Sex in the United States

Universe: Population 1 year and over in the United States
Name: T130
Variables:
  _130001x: total:
  _130002x: Same house 1 year ago
  _130003x: Moved within same county
  _130004x: Moved from different county within same state
  _130005x: Moved from different state
  _130006x: Moved from abroad

48. Nativity by Citizenship Status

Universe: Total Population
Name: T133
Variables:
  _133001x: Total Population:
  _133002x: Native Born
  _133003x: foreign Born:
  _133004x: Naturalized Citizen
  _133005x: Not a Citizen

49. Year of Entry for The foreign-Born Population

Universe: foreign-born Population
Name: T134
Variables:
  _134001x: foreign-born Population:
  _134002x: 2000 or Later
  _134003x: 1990 to 1999
  _134004x: 1980 to 1989
  _134005x: Before 1980

50. Geographical Mobility In The Past Year By Sex For Current Residence In The United States

Universe: Population 1 year and over in the United States
Name: B07003
Variables:
  _b07003001x: Total
  _b07003002x: Male
  _b07003003x: Female
  _b07003004x: Same house 1 year ago
  _b07003005x: Male
  _b07003006x: Female
  _b07003007x: Moved within same county
  _b07003008x: Male
  _b07003009x: Female
  _b07003010x: Moved from different county within same state
  _b07003011x: Male
  _b07003012x: Female
  _b07003013x: Moved from different state
  _b07003014x: Male
  _b07003015x: Female
  _b07003016x: Moved from abroad
  _b07003017x: Male
  _b07003018x: Female

51. Household Language By Households In Which No One 14 And Over Speaks English Only Or Speaks A Language Other Than English At Home And Speaks English "Very Well"
Universe: Households
Name: B16002
Variables:
_b16002001x: Total
_b16002002x: English only
_b16002003x: Spanish
_b16002004x: No one 14 and over speaks English only or speaks English "very well"
_b16002005x: At least one person 14 and over speaks English only or speaks English "very well"
_b16002006x: Other Indo-European languages
_b16002007x: No one 14 and over speaks English only or speaks English "very well"
_b16002008x: At least one person 14 and over speaks English only or speaks English "very well"
_b16002009x: Asian and Pacific Island languages
_b16002010x: No one 14 and over speaks English only or speaks English "very well"
_b16002011x: At least one person 14 and over speaks English only or speaks English "very well"
_b16002012x: Other languages
_b16002013x: No one 14 and over speaks English only or speaks English "very well"
_b16002014x: At least one person 14 and over speaks English only or speaks English "very well"

52. Total Population In Occupied Housing Units By Tenure
Universe: Total population in occupied housing units
Name: B25008
Variables:
_b25008001x: Total
_b25008002x: Owner occupied
_b25008003x: Renter occupied

53. Average Household Size Of Occupied Housing Units By Tenure
Universe: Occupied housing units
Name: B25010
Variables:
_b25010001x: Average household size -- Total
_b25010002x: Average household size -- Owner occupied
_b25010003x: Average household size -- Renter occupied

54. Median Number Of Rooms
Universe: Housing units
Name: B25018
Variables:
_b25018001x: Median number of rooms

55. Total Population In Occupied Housing Units By Tenure By Year Householder Moved Into Unit
Universe: Total population in occupied housing units
Name: B25026
Variables:
_b25026001x: Total population in occupied housing units
_b25026002x: Owner occupied
_b25026003x: Moved in 2005 or later
_b25026004x: Moved in 2000 to 2004
_b25026005x: Moved in 1990 to 1999
_b25026006x: Moved in 1980 to 1989
_b25026007x: Moved in 1970 to 1979
_b25026008x: Moved in 1969 or earlier
_b25026009x: Renter occupied
_b25026010x: Moved in 2005 or later
_b25026011x: Moved in 2000 to 2004
_b25026012x: Moved in 1990 to 1999
_b25026013x: Moved in 1980 to 1989
_b25026014x: Moved in 1970 to 1979
_b25026015x: Moved in 1969 or earlier