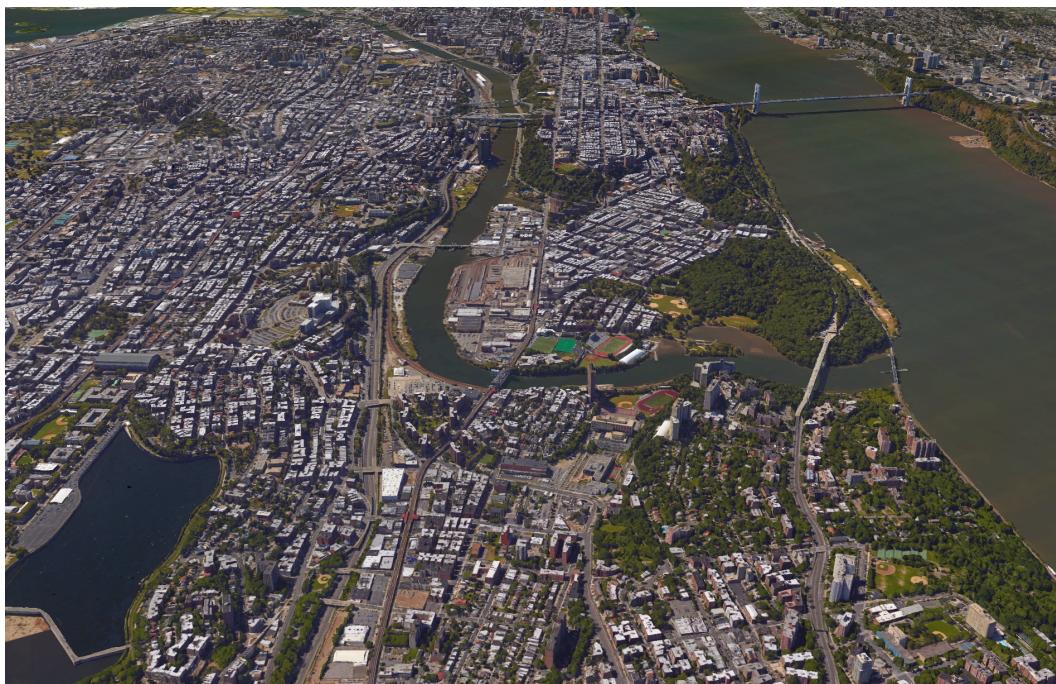


Geocoding and Geoprocessing Variables

Data Dictionary for Contextual Health Disparities-Core (COHD) NOCEMHD



Prepared By:

Daniel M. Sheehan

Geographer, GIS Analyst

Built Environment and Health
Department of Epidemiology
Columbia University

722 West 168th Street, R735
New York, New York 10032

www.beh.columbia.edu

dms2203@cumc.columbia.edu

Prepared For:

Dr. Jose Luchsinger, MD

Associate Professor

Medicine at the New York Presbyterian Hospital & at the
Columbia University Medical Center, Columbia University

New York, New York 10032

jal94@columbia.edu

Prepared For:

Dr. Dana March

Assistant Professor

Department of Epidemiology
Columbia University

New York, New York 10032

the2x2project.org

dm2025@columbia.edu



About	7
Datasets	7
Point Geographies	7
Home Points	7
Projected Coordinate System Information	7
Abbreviations & Acronyms	8
Useful Definitions	8
Input Variables	8
Point Site (Home) IDs	8
id	8
uid	8
cnt	8
hn	9
street	9
county	9
boro	9
zip	9
state	9
addr_concat	9
study	9
Geocoding	10
Started with:	10
Results:	10
Software	10
Data	10
Software Dependencies	10
Administrative Boundary Variables	11
Point Site (Home Geocoded) Administrative Boundaries	11
borocode	11
boroname	11
borocd	11
cb2000gid	11
cb2010gid	11

ct2010gid	11
Neighborhood Geographies	12
Buffers & Census Tracts	12
Neighborhood Geography List	12
r1_landarea	12
r2_landarea	12
ct_landarea	12
Walkability Index Scale Variables	13
Walkability Index Scales: City-Wide Buffers	13
Walkability Index Scale Variables	14
b10_key	14
b10_km2	14
b10_lndkm2	14
b10_cnt	14
b10_resdn1_z	14
b10_intden_z	14
b10_entrpz_z	14
b10_rtlfar_z	14
b10_sub12d_z	14
b10_walk	14
b10_walk_cat	14
Walkability Index Scale “Component” Variables	15
(these variables are not included in the dataset)	15
Nets Variables	16
Neighborhood Geography List	16
Anatomy of a Variable	16
**_nets_not_ov_^^^^	16
**_nets_bar_ov_^^^^	17
**_nets_liq_ov_^^^^	17
**_nets_fsh_ov_^^^^	17
**_nets_fvm_ov_^^^^	18
**_nets_nat_ov_^^^^	18
**_nets_met_ov_^^^^	18
**_nets_smk_ov_^^^^	18

**_nets_eat_ov_^^^^^	18
**_nets_con_ov_^^^^^	18
**_nets_aff_ov_^^^^^	18
**_nets_piz_ov_^^^^^	21
**_nets_bak_ov_^^^^^	21
**_nets_bnk_ov_^^^^^	21
**_nets_crd_ov_^^^^^	21
**_nets_mul_ov_^^^^^	21
**_nets_lmpa_ov_^^^^^	22
**_nets_vpa_ov_^^^^^	23
**_nets_ware_ov_^^^^^	23
**_nets_des_ov_^^^^^	23
**_nets_urg_ov_^^^^^	23
**_nets_hp_ov_^^^^^	24
**_nets_res_ov_^^^^^	24
**_nets_rx_ov_^^^^^	24
**_nets_mh_ov_^^^^^	24
**_nets_dds_ov_^^^^^	24
**_nets_^^^^_cnt	24

Parks Variables 25

**_parks_all_area	25
**_parks_small_area	25
**_parks_large_area	25
**_parks_greenstreet_area	25
r2_landarea	25
ct_landarea	25

Census Variables 26

Census Demographic Variables 26

** (for Neighborhood Geography (ct, r1, r2)) + ^^^ (Census Type - acs) + YYYY (Highest Year of 5-Year Range) + variable 26

Census Type (^^^) ['acs'] 26

ACS 5-year Highest of 5-Year Range (YYYY), yearsList = ['2010','2011','2012','2013','2014'] 26

Total Population Variables 26

**acsYYYYtotpop 26

Age-related Variables 26

**^^^YYYYpctage34nunder	26
**^^^YYYYpctage35up	27
**^^^YYYYpctage60up	27
**^^^YYYYpctage18_24	27
**^^^YYYYpctage25_34	27
**^^^YYYYpctage35_44	27
**^^^YYYYpctage45_54	28
**^^^YYYYpctage55_64	28
**^^^YYYYpctage65up	28
Sex, Race, Economic, Etc. Variables	28
**^^^YYYYpctmale	28
**^^^YYYYpctwhite	28
**^^^YYYYpctthisp	28
**^^^YYYYpctblack	29
**^^^YYYYpctasian	29
**^^^YYYYpctother	29
**^^^YYYYpctforborn	29
**^^^YYYYpctlingiso	29
**^^^YYYYpcthhownocc	29
**^^^YYYYpctsameh1y	29
**^^^YYYYpctpov	30
**^^^YYYYpctpub	30
**^^^YYYYpctfemheadhh	30
**^^^YYYYpctearn50kup	30
**^^^YYYYpctunemploy	30
**^^^YYYYpctjobmanagr	30
**^^^YYYYpctednohisch	31
**^^^YYYYpctedyeshisch	31
**^^^YYYYpctedcolgeup	31
**^^^YYYYmedhhinc	31
References	32
Appendix A: 5-Year American Community Survey (ACS) Variables:	33
** (for Neighborhood Geography (ct, r1, r2)) + ^^^ (Census Type - acs) + YYYY (Highest Year of 5-Year Range) + variable	33
Census Type (^^^) ['acs']	33

ACS 5-year Highest of 5-Year Range (YYYY), yearsList = ['2010','2011','2012','2013','2014']	33
**^YYYY+CENSUSVARIABLE (i.e., B01001001)	33
Census Variables	33
<u>Appendix B: Projected Coordinate System Information:</u>	66

ABOUT

The following document is the data dictionary for variables pertaining to COHD home locations.

DATASETS

There are unique datasets for the following point geographies:

Point Geographies

Home Points

These sites were geocoded and were then projected into the project's primary coordinate system, NAD 1983 StatePlane New York Long Island FIPS 3104 Feet.

PROJECTED COORDINATE SYSTEM INFORMATION

This project study area is the entirety of New York City, NY. Thus, all of the data was converted to and processed in NAD 1983 StatePlane New York Long Island FIPS 3104 Feet.

NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet
WKID: 2263 Authority: EPSG
Projection: Lambert_Conformal_Conic
False_Easting: 984250.0
False_Northing: 0.0
Central_Meridian: -74.0
Standard_Parallel_1: 40.66666666666666
Standard_Parallel_2: 41.03333333333333
Latitude_Of-Origin: 40.16666666666666
Linear Unit: Foot_US (0.3048006096012192)
Geographic Coordinate System: GCS_North_American_1983
Angular Unit: Degree (0.0174532925199433)
Prime Meridian: Greenwich (0.0)
Datum: D_North_American_1983
Spheroid: GRS_1980
Semimajor Axis: 6378137.0
Semiminor Axis: 6356752.314140356
Inverse Flattening: 298.257222101

City of New York Projection Technical Standards Manual for Open Data [<http://cityofnewyork.github.io/opendatasm/citystandards.html>]

Projected Coordinate Systems	
Lambert Conformal Conic	
NAD27 / New York Long Island	EPSG:32018
NAD27 / New York Long Island	EPSG:4456
NAD83 / New York Long Island	EPSG:32118
NAD83 / New York Long Island (ftUS)	EPSG:2263
NAD83(HARN) / New York Long Island	EPSG:2831
NAD83(HARN) / New York Long Island (ftUS)	EPSG:2908
NAD83(NSRS2007) / New York Long Island	EPSG:3627
NAD83(NSRS2007) / New York Long Island (ftUS)	EPSG:3628
NAD_1983_HARN_StatePlane_New_York_Long_Island_FIPS_3104	EPSG:102318
NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet	EPSG:102718

Abbreviations & Acronyms

BEH - Built Environment and Health Group

BEH-GIS - Built Environment and Health Geographic Information Systems Team

COHD - The Contextual Health Disparities-Core (COHD) - NOCEMHD

Useful Definitions

Areal Weighting Interpolation – Areal weighting interpolation is a data transfer procedure between incompatible zonal systems. There are diverse zonal systems used for aggregating and reporting spatial data, say, census tracts, administrative districts, school districts, and so forth. Since they are often geographically incompatible, integration of spatial data requires data transfer between zonal systems. This process is called areal interpolation, and the areal weighting interpolation method is one of the most popular interpolation methods in GIS (Markoff and Shapiro, 1973; Lam, 1983; Flowerdew and Green, 1991). Assuming a uniform distribution of spatial objects, the areal weighting interpolation divides the count of spatial objects according to area in each zone, and sums up the counts in another incompatible zone.

Point-in-Polygon Analysis – Point and polygon analysis is also referred to, and known as, a spatial join. A spatial join is a geoprocessing method for combining information between GIS layers, and results in the attribute information from one layer being combined with the attribute table of another layer based on their relative X-Y location. This then makes further analysis possible, such as aggregating the number of point features or the length of polyline features within different geographies.

INPUT VARIABLES

Following is a list of variables and their corresponding definitions. Please email the BEH-GIS group if any of the variables seem problematic.

Point Site (Home) IDs

id

The identification value as supplied by COHD, either the ID, patid, NOMEM_ID

uid

The point unique identification number. Created by BEH-GIS. Concatenated index id + 90001

```
df['uid'] = df.index + 90001
```

cnt

A count of how often the concatenated id + all address information showed up in the original dataset, ie. there were some duplicates within some of the original project data files delivered to BEH-GIS.

```
df['addr_concat'] = df.id.map(str) + '^' + df.address_cln_2.map(str) + '^' +  
df.city.map(str) + '^' + df.state.map(str)+ '^' + df.zip_cln.map(str) + '^' +  
df.proj.map(str)  
df = df[['addr_concat']]  
df['cnt'] = 1  
dfg = df.groupby(['addr_concat'],as_index=False).sum()
```

hn

House number extracted using **streetaddress** python library.

```
df['hn'] = df.address.map(str).apply(addrHouseNumber)
```

street

Street extracted using **streetaddress** python library.

```
df['street'] = df.address.map(cleanStreet)
```

county

County derived from join with BEH-GIS NYC ZIP code table.

```
inZipTable = wdi+'zip/zip_code.csv'  
dfzip = pd.read_csv(inZipTable)  
dfzip = dfzip.groupby(['zipcode','county'],as_index=False).sum()
```

boro

New York City Borough Code. 1= Manhattan, 2= Bronx, 3 = Brooklyn, 4 = Queens, 5 = Staten Island

```
df['boro'] = df.county.map(str).apply(boroCode)
```

zip

ZIP code.

state

State abbreviation.

```
df['state'] = 'NY'
```

addr_concat

Concatenated address information.

```
df['addr_concat'] = df.id.map(str) + '^' + df.address_cln_2.map(str) + '^' +  
df.city.map(str) + '^' + df.state.map(str)+ '^' + df.zip_cln.map(str) + '^' +  
df.proj.map(str)
```

study

Study abbreviation that the record originated from.

```
df['study'] = df.addr_concat.str[-5:]
```

GEOCODING

All of the geocoding was done with the following source software, data and python dependencies to get BIN (Building Identification Number) level geocoding in New York City (NYC). There were at least 3 passes, with cleaning in-between through Geosupport. Additional questions about the very detailed specifics about the geocoding process can be obtained through asking BEH-GIS and/or referencing the code on the BEH-GIS GitHub account.

Started with:

Home addresses: 1425 (1430, found duplicates see **id**, **uid**, **cnt** and **addr_concat** variables.)

Results:

Home: **1425** unique, see **id**, **uid**, **cnt** and **addr_concat** variables.

Total: **1365** geocoded (**95.79%**); **60** failed (**4.21%**)

See files in 201511_geocoding/data/output/geocoded; 201511_geocoding/data/output/ungeocoded

Software

- Geosupport (http://www.nyc.gov/html/dcp/html/bytes/applbyte.shtml#geocoding_application)
- ArcGIS Desktop (10.1)

Data

- LION (12a)
- Building Footprints (201408, 201412)
- MapPluto (12v2)
- NYC Address Points (address_points_20140930)

Software Dependencies

Software and code needed to run.

PYTHON

- street address (<https://github.com/pnlpn/pnlpn/street-address>) for parsing.
- pandas (<http://pandas.pydata.org>)
- numpy
- csv

-
- os
 - fiona (<https://pypi.python.org/pypi/Fiona>)
 - shapely (<https://pypi.python.org/pypi/Shapely>)
 - osgeo/gdal (<http://trac.osgeo.org/gdal/wiki/GdalOgrInPython>)

ADMINISTRATIVE BOUNDARY VARIABLES

Point Site (Home Geocoded) Administrative Boundaries

borocode

New York City Borough Code ID

1= Manhattan, 2= Bronx, 3 = Brooklyn, 4 = Queens, 5 = Staten Island.

boroname

New York City Borough Name.

borocd

New York City Community District ID.

cb2000gid

Census Block ID for year 2000 census.

cb2010gid

Census Block ID for year 2010 census.

ct2010gid

Census Tract ID for year 2010 census.

NEIGHBORHOOD GEOGRAPHIES

Buffers & Census Tracts

For this project the following neighborhood geography buffers were created:

Each of these buffers was processed so that only land area of the point's residing borough was included. Buffers were allowed to cross boroughs if the borough boundaries were land based. Buffers with no portion containing a point site centroid were not created, and thus may be dropped for analytical purposes.

Neighborhood Geography List

Buffer Type Prefix	Distance Kilometers	Distance Meters	Distance Feet	Neighborhood Geography Type
r1	0.5 km	500 meters	1640.420 feet	Radial
r2	1 km	1000 meters	3280.840 feet	Radial
ct	n/a	n/a	n/a	Census Tract Geography

Anatomy of a Variable Prefix

Geography prefix (anatomy of variable):

for ^ in Neighborhood Geography Buffers List = ['500m','1000m','census tracts'] radial, - distance (meters)

r1_landarea

For 0.5 km buffer, the geography point (for home point) neighborhood geography radial buffer area in square meters.

`!shape.area@squaremeters!`

r2_landarea

For 1.0 km buffer, the geography point (for home point) neighborhood geography radial buffer area in square meters.

`!shape.area@squaremeters!`

ct_landarea

For Census Tract 2010 (of home point) neighborhood geography area in square meters.

`!shape.area@squaremeters!`

WALKABILITY INDEX SCALE VARIABLES

Important Note: Much of the information was copied from GIS Code Book: New York City 2010 Walkability Index.

The data was joined by b10 key to Census Block ID for year 2010 census (cb2010gid).

A number of researchers have constructed walkability indices which summarize built environment features believed to promote walking. Although specification details vary, these indices typically include measures of population density, land use, and street network. Our walkability measure was adapted from that employed in recent papers by Frank and colleagues (2005 and 2006), which includes four components: residential population density (density of population per total residential land area), intersection density, an entropy measure of land use based on the distribution of building floor area among six land use types (education, entertainment, single-family residential, multi-family residential, retail, and office), and the retail floor area ratio, or the ratio of retail building floor area to retail land area. All of the Frank components were z-scored and summed, with intersection density receiving a double weight for the *Frank Scale*, but not for our scale. Our “BEH walkability scale” is documented in a paper by Neckerman and colleagues (2009).

Frank et al. *Linking objectively measured physical activity with objectively measured urban form: findings from SMARTRAQ*. American Journal of Preventive Medicine. 2005;28(2 Suppl 2):117-125.

Frank et al. *Many Pathways from Land Use to Health: Associations between Neighborhood Walkability and Active Transportation, Body Mass Index, and Air Quality*. Journal of the American Planning Association. 2006;72(1):75-87.

Neckerman et al. *Disparities in urban neighborhood conditions: Evidence from GIS measures and field observation in New York City*. Journal of Public Health Policy. 2009;1(1 Suppl): S264-S285.

Walkability Index Scales: City-Wide Buffers

As an alternative to creating a ‘neighborhood walkability index scale’ based solely on the z-scored components within buffers specific to a study cohort, the BEH Working Group has developed a walkability index scale that considers the z-scored components across New York City as a whole.

The issue with creating a walkability index scale using buffer definitions specific to a study cohort is that the cohort may be spatially biased or clustered in a particular neighborhood(s) or parts of the City (e.g., northern Manhattan or the south Bronx). This could dramatically influence the range of z-scored components, and thus not provide a representative scale of walkability for that cohort compared to the walkability of the rest of the City.

The BEH Working Group has tackled this problem by buffering 2010 Census Block centroids ($n=38,526$) by 1-km radial buffers and then deriving the walkability components that are later z-scored. In doing so, a more appropriate apples-to-apples comparison of walkability can be made between, say, an address in Staten Island to the rest of the City as whole rather than a cluster of addresses all within a similar built environment.

Walkability Index Scale Variables

To date, BEH has created and used two different versions of the Walkability Index Scales, which we refer to here as the “*Frank et al. 2006*” and BEH scales. The “*Frank 2006*” includes z-scored variables: residential density, land use mix using 5 land use types, intersection density * 2, and retail area ratio. The BEH scale includes z-scored variables: residential density, land use mix using 5 land use types, intersection density, retail area ratio, and subway stop density. Note that the BEH scale does not multiply intersection density by 2 and does include subway density.

b10_key

Unique 11-digit US 2010 Census Tract ID.

b10_km2

Total area of US 2010 Census Tract geography in km2.

b10_lndkm2

Total **land** area of US 2010 Census Tract geography in km2 (*inland water bodies removed*).

b10_cnt

Count of unique 2010 Census Blocks nested within each Tract and whose walkability index scale values participated in averaging-up process for each Tract.

b10_resdn1_z

Density of residential units: z-scored.

b10_intden_z

Density of unique streets intersections per km2: z-scored.

b10_entrpz_z

Entropy land use mix: z-scored.

b10_rtlfar_z

Retail floor area ratio: z-scored.

b10_sub12d_z

Density of subway stations per km2: z-scored.

b10_walk

BEH Walkability Scale.

b10_walk_cat

Quintiles of BEH Walkability Scale.

Walkability Index Scale “Component” Variables

(these variables are not included in the dataset)

b1_intden – Density of unique streets intersections per km2.

b1_sub07d – Density of subway stations per km2.

b1_rtlfar – Retail floor area ratio – Retail building floor area divided by retail land area in km2.

b1_resdn1 – Density of res units – Number of residential units divided by total residential building floor area in km2.

b1_entrp – Land Use Mix – An entropy measure using the five of the six land use types employed in Frank et al. (2006). Single- and multi-family residential areas were combined because most housing in New York City is multi-family. Parcel-level measures of residential, office, and retail floor area were available from the MapPLUTO (version 04c; October 2004–October 2005) database. We used the MapPLUTO building class codes to identify buildings associated with education (schools) or entertainment (theaters, recreational facilities), and attributed the entire floor area of the identified building to education or entertainment. The entropy formula used was adapted from Frank et al. (2005), which yielded more plausible results: $\text{Land Use Mix} = A/\ln(N)$ where: $A = -((b1/a)\ln(b1/a) + (b2/a)\ln(b2/a) + \dots)$ and $b1$ is the building floor area covered by the first land use, $b2$ is the building floor area covered by the second land use, etc., a is the total floor area across the five land uses, and N is the total number of land uses represented in the census tract. Zero values for $b1\dots b5$ were set to .000001 to avoid zero or undefined terms.

Components of the Entropy Measure:

b1_b1 – Total building area for Education uses in square feet (set to .000001 if 0)

b1_b2 – Total building area for Entertainment uses in square feet (set to .000001 if 0)

b1_b3 – Total building area Residential uses in square feet (set to .000001 if 0)

b1_b4 – Total building area for Retail uses in square feet (set to .000001 if 0)

b1_b5 – Total building area for Office uses in square feet (set to .000001 if 0)

b1_a – Total floor area across the five land uses in square feet (set to .000001 if 0)

b1_n – The total number of land uses represented (between 1 and 5)

ArcMap Entropy Field Calculation Expression:

entropy = $-(((b1 / a) * \log ([b1] / [a])) + ((b2 / a) * \log ([b2] / [a])) + ((b3 / a) * \log ([b3] / [a])) + ((b4 / a) * \log ([b4] / [a])) + ((b5 / a) * \log ([b5] / [a]))) / \log ([n])$

NETS VARIABLES

Variables generated from raw dataset created by Tanya Kaufman of BEH.

Neighborhood Geography List

Buffer Type Prefix	Distance Kilometers	Distance Meters	Distance Feet	Neighborhood Geography Type
r1	0.5 km	500 meters	1640.420 feet	Radial
r2	1 km	1000 meters	3280.840 feet	Radial
ct	n/a	n/a	n/a	Census Tract Geography

Anatomy of a Variable

**_nets_%%%_ov_^^^^

** is a placeholder for the geography type [r1, r2, ct] to which the retail environment measures are aggregated, where:

r1 = 0.5 km radial buffer

r2 = 1.0 km radial buffer

ct = Census tract (based on US Census Tract 2010 boundary)

^^^^ is a placeholder for the year [2008-2010]

IMPORTANT NOTE: NETS VARIABLES ARE COUNTS OF RAW DATA per Neighborhood Geography (**).

**_nets_not_ov_^^^^

Businesses that do not belong to any of the 27 mutually exclusive researcher-defined categories.

if ALC=0 and FOD=0 and MED=0 and PAF=0 and FIN=0 and DES=0

We developed the following hierarchy because we wanted mutually exclusive categories. The precedence was determined to prioritize SIC categorization over text searches, and after reviewing a random sample of businesses that fell into more than one category.

- All Fast Food [AFF] > Pizza [PIZ]
- All Fast Food [AFF] > Other restaurants [EAT]
- All Fast Food [AFF] > Bakeries and candy/confectionary stores [BAK]
- All Fast Food [AFF] > Meat markets [MET]
- Pizza [PIZ] > Other restaurants [EAT]
- Pizza [PIZ] > Bakeries and candy/confectionary stores [BAK]
- Pizza [PIZ] > Meat markets [MET]
- Pizza [PIZ] > Bodegas [BDS]
- Pizza [PIZ] > Convenience stores [CNV]
- Pizza [PIZ] > Grocery stores [GRY]

- Convenience stores [CNV] > Bodegas [BDS]
- Convenience stores [CNV] > Supermarkets [SMK]
- Convenience stores [CNV] > Grocery stores [GRY]
- Bodegas [BDS] > Supermarkets [SMK]
- Bodegas [BDS] > Grocery stores [GRY]
- Supermarkets [SMK] > Grocery stores [GRY]
- Warehouse and discount department stores selling food [WAR] > Bodegas [BDS]
- Warehouse and discount department stores selling food [WAR] > Grocery stores [GRY]
- Warehouse and discount department stores selling food [WAR] > Urgent care and hospital facilities [URG]
- Warehouse and discount department stores selling food [WAR] > Pharmacies [DRG]
- Medical Facility Categories [MED] > Multi-use physical activity facilities [MUL]
- Food sources [FOD] > Multi-use physical activity facilities [MUL]
- Multi-use physical activity facilities [MUL] > Light/moderate physical activity facilities [MPA]
- Multi-use physical activity facilities [MUL] > Vigorous physical activity facilities [VPA]
- Alcohol outlets [ALC] > Other potential destinations [DES]
- Food sources [FOD] > Other potential destinations [DES]
- Medical Facility Categories [MED] > Other potential destinations [DES]
- Physical Activity Facility Categories [PAF] > Other potential destinations [DES]
- Financial institutions [FIN] > Other potential destinations [DES]

****_nets_bar_ov_^^^^**

Bars and other public drinking places.

This definition is based on 13 SIC codes

if BEH_SIC in (58130000:58139999, 86410401)

****_nets_liq_ov_^^^^**

Liquor stores.

This definition is based on 6 SIC codes, and searches among 14 additional SIC codes within SIC 518 ‘Beer, Wine, and Distilled Beverages’ for businesses whose company name contains “LIQUOR”.

if BEH_SIC in (59200000:59299999) or (BEH_SIC in (51800000:51899999) and index(CompanyHere,'LIQUOR')>0))

****_nets_fsh_ov_^^^^**

Fish markets.

This definition is based on 3 SIC codes.

if BEH_SIC in (54210100:54210199)

****_nets_fvm_ov_ ^^^^**

Fruit and vegetable markets.

This definition is based on 4 SIC codes.

if BEH_SIC in (54310000:54319999)

****_nets_nat_ov_ ^^^^**

Natural food markets and nut stores.

This definition is based on 5 SIC codes.

if BEH_SIC in (54990100: 54990199, 54990900:54990999, 54993500:54993599, 54419904)

****_nets_met_ov_ ^^^^**

Meat markets.

This definition is based on 3 SIC codes and excludes any businesses categorized as fast food or pizza restaurants.

if BEH_SIC in (54210200: 54210299)

****_nets_smk_ov_ ^^^^**

Large supermarkets.

This definition searches among 16 SIC codes within SIC 5411 'Food stores' for businesses with at least \$2 million in annual sales or at least 18 employees, and excludes any businesses categorized as convenience stores, bodegas or warehouses and discount department stores selling food.

if BEH_SIC in (54110000:54119999) and ((SalesHere>=2000000 and SalesHere ne .) or (EmpHere>=18 and EmpHere ne .))

****_nets_eat_ov_ ^^^^**

Other restaurants.

This definition is based on 78 SIC codes within the SIC 5812 'Eating places', and excludes any businesses categorized as fast food or pizza restaurants.

if BEH_SIC in (58120000:58129999)

****_nets_con_ov_ ^^^^**

Convenience stores and small grocery stores.

This definition is based on 3 SIC codes identifying convenience stores, and searches among 13 additional SIC codes for businesses with fewer than 5 employees.

if BEH_SIC in (54110200:54110299, 54110300:54110399) or (BEH_SIC in (54110000:54119999) and (EmpHere<5 and EmpHere ne .))

****_nets_aff_ov_ ^^^^**

All fast food restaurants.

Includes national-chain and local fast-food restaurants. National chains can be identified through text searches within SIC 5812 'Eating places' for companies appearing in Technomic Inc.'s list of the top 100 limited-service chain brands (Technomic Inc., 2006). Local fast food can be identified through SIC codes indicating fast food, as well as through text searches within SIC 5812 'Eating places'. This definition includes text searches for 62 companies and 78 SIC codes.

if BEH_SIC in (58120300, 58120307, 58120308) OR (BEH_SIC in (58120000:58129999) AND (INDEX(TRADENAMEHERE, "ARBYS")>0 OR INDEX(COMPANYHERE, "ARBYS") >0 OR INDEX(TRADENAMEHERE, "BASKIN ROBBINS")>0 OR INDEX(COMPANYHERE, "BASKIN ROBBINS") >0 OR INDEX(TRADENAMEHERE, "BLIMPIE")>0 OR INDEX(COMPANYHERE, "BLIMPIE") >0 OR INDEX(TRADENAMEHERE, "BOJANGLES")>0 OR INDEX(COMPANYHERE, "BOJANGLES") >0 OR INDEX(TRADENAMEHERE, "BOSTON MARKET")>0 OR INDEX(COMPANYHERE, "BOSTON MARKET") >0 OR INDEX(COMPANYHERE, "BURGER KING")>0 OR INDEX(TRADENAMEHERE, "BURGER KING")>0 OR INDEX(TRADENAMEHERE, "CHECKERS")>0 OR INDEX(COMPANYHERE, "CHECKERS") >0 OR INDEX(TRADENAMEHERE, "CHIPOTLE")>0 OR INDEX(COMPANYHERE, "CHIPOTLE") >0 OR INDEX(TRADENAMEHERE, "CHURCHS CHICKEN")>0 OR INDEX(COMPANYHERE, "CHURCHS CHICKEN") >0 OR INDEX(TRADENAMEHERE, "DAIRY QUEEN")>0 OR INDEX(COMPANYHERE, "DAIRY QUEEN") >0 OR INDEX(TRADENAMEHERE, "DOMINOS PIZZA")>0 OR INDEX(COMPANYHERE, "DOMINOS PIZZA") >0 OR INDEX(TRADENAMEHERE, "DUNKIN DONUTS")>0 OR INDEX(COMPANYHERE, "DUNKIN DONUTS") >0 OR INDEX(TRADENAMEHERE, "EL POLLO LOCO")>0 OR INDEX(COMPANYHERE, "EL POLLO LOCO") >0 OR INDEX(TRADENAMEHERE, "FUDDRUCKERS")>0 OR INDEX(COMPANYHERE, "FUDDRUCKERS") >0 OR TRADENAMEHERE="HARDEES" OR COMPANYHERE="HARDEES" OR INDEX(TRADENAMEHERE, "JAMBA JUICE")>0 OR INDEX(COMPANYHERE, "JAMBA JUICE") >0 OR INDEX(TRADENAMEHERE, "KENTUCKY FRIED CHICKEN")>0 OR INDEX(COMPANYHERE, "KENTUCKY FRIED CHICKEN") >0 OR TRADENAMEHERE="KFC" OR COMPANYHERE="KFC" OR INDEX(TRADENAMEHERE, "KRISPY KREME")>0 OR INDEX(COMPANYHERE, "KRISPY KREME") >0 OR INDEX(TRADENAMEHERE, "LONG JOHN SILVERS")>0 OR INDEX(COMPANYHERE, "LONG JOHN SILVERS") >0 OR INDEX(TRADENAMEHERE, "MCDONALDS")>0 OR INDEX(COMPANYHERE, "MCDONALDS") >0 OR INDEX(TRADENAMEHERE, "PANDA EXPRESS")>0 OR INDEX(COMPANYHERE, "PANDA EXPRESS") >0 OR INDEX(TRADENAMEHERE, "PAPA JOHN")>0 OR INDEX(COMPANYHERE, "PAPA JOHN") >0 OR INDEX(TRADENAMEHERE, "PIZZA HUT")>0 OR INDEX(COMPANYHERE, "PIZZA HUT") >0 OR INDEX(TRADENAMEHERE, "POPEYES")>0 OR INDEX(COMPANYHERE, "POPEYES") >0 OR INDEX(TRADENAMEHERE, "QUIZNOS")>0 OR INDEX(COMPANYHERE, "QUIZNOS") >0 OR INDEX(TRADENAMEHERE, "ROUND TABLE")>0 OR INDEX(COMPANYHERE, "ROUND TABLE") >0 OR TRADENAMEHERE="SBARRO" OR COMPANYHERE="SBARRO" OR TRADENAMEHERE="SONIC" OR COMPANYHERE="SONIC" OR INDEX(TRADENAMEHERE, "STARBUCKS")>0 OR INDEX(COMPANYHERE, "STARBUCKS") >0 OR TRADENAMEHERE="SUBWAY" OR COMPANYHERE="SUBWAY" OR TRADENAMEHERE="SUBWAY SANDWICHES" OR COMPANYHERE="SUBWAY SANDWICHES" OR TRADENAMEHERE="SUBWAY RESTAURANT" OR COMPANYHERE="SUBWAY RESTAURANT" OR INDEX(COMPANYHERE, "TACO BELL")>0 OR INDEX(TRADENAMEHERE, "TACO BELL")>0 OR INDEX(TRADENAMEHERE, "TCBY")>0 OR INDEX(COMPANYHERE, "TCBY") >0 OR INDEX(TRADENAMEHERE, "WENDYS")>0 OR INDEX(COMPANYHERE, "WENDYS OLD") >0 OR INDEX(TRADENAMEHERE, "WHITE CASTLE")>0 OR INDEX(COMPANYHERE, "WHITE CASTLE") >0 or INDEX(COMPANYHERE, "BEN & JERRYS")>0 OR INDEX(TRADENAMEHERE, "BEN & JERRYS")>0 or INDEX(COMPANYHERE, "BEN AND JERRYS")>0 OR INDEX(TRADENAMEHERE, "BEN AND JERRYS")>0 OR INDEX(COMPANYHERE, "CARVEL ICE CREAM CAKES")>0 OR INDEX(TRADENAMEHERE, "

CARVEL ICE CREAM CAKES")>0 OR INDEX(COMPANYHERE, "COLD STONE CREAMERY")>0 OR INDEX(TRADENAMEHERE, "COLD STONE CREAMERY")>0 OR INDEX(COMPANYHERE, "HAAGEN-DAZS")>0 OR INDEX(TRADENAMEHERE, "HAAGEN-DAZS")>0 OR INDEX(COMPANYHERE, "HAAGENDAZS")>0 OR INDEX(TRADENAMEHERE, "HAAGENDAZS")>0 OR INDEX(COMPANYHERE, "I CANT BELIEVE ITS YOGURT")>0 OR INDEX(TRADENAMEHERE, "I CANT BELIEVE ITS YOGURT")>0 OR INDEX(COMPANYHERE, "LIITLE CAESARS PIZZA")>0 OR INDEX(TRADENAMEHERE, "LITTLE CAESARS PIZZA")>0 OR INDEX(COMPANYHERE, "SCHLOTZSKYS DELI")>0 OR INDEX(TRADENAMEHERE, "SCHLOTZSKYS DELI")>0 OR INDEX(TRADENAMEHERE, "AU BON PAIN")>0 OR INDEX(COMPANYHERE, "A B P CORPORATION")>0 OR INDEX(COMPANYHERE, "AU BON PAIN")>0 OR INDEX(TRADENAMEHERE, "A B P CORPORATION")>0 OR INDEX(TRADENAMEHERE, "AUNTIE ANNES")>0 OR INDEX(COMPANYHERE, "AUNTIE ANNES")>0 OR INDEX(TRADENAMEHERE, "CHICKEN HOLIDAY")>0 OR INDEX(COMPANYHERE, "CHICKEN HOLIDAY")>0 OR INDEX(TRADENAMEHERE, "COFFEE SHOP NORTH CENTRAL HOSP")>0 OR INDEX(COMPANYHERE, "DIRECTORS METRO FOOD SERVICE")>0 OR INDEX(TRADENAMEHERE, "COSI SANDWICH")>0 OR INDEX(COMPANYHERE, "COSI SANDWICH")>0 OR INDEX(TRADENAMEHERE, "CROWN FRIED CHICKEN")>0 OR INDEX(COMPANYHERE, "CROWN FRIED CHICKEN")>0 OR INDEX(TRADENAMEHERE, "EVERYTHING YOGURT & SALAD")>0 OR INDEX(COMPANYHERE, "EVERYTHING YOGURT & SALAD")>0 OR INDEX(TRADENAMEHERE, "GRAYS PAPAYA")>0 OR INDEX(COMPANYHERE, "GRAYS PAPAYA")>0 OR INDEX(TRADENAMEHERE, "KENNEDY FRIED CHICKEN")>0 OR INDEX(COMPANYHERE, "KENNEDY FRIED CHICKEN")>0 OR INDEX(TRADENAMEHERE, "KOSHER DELIGHT CORP")>0 OR INDEX(COMPANYHERE, "KOSHER DELIGHT CORP")>0 OR INDEX(TRADENAMEHERE, "MANHATTAN BAGEL")>0 OR INDEX(COMPANYHERE, "MANHATTAN BAGEL")>0 OR INDEX(TRADENAMEHERE, "METROPOLITAN DELI")>0 OR INDEX(COMPANYHERE, "METROPOLITAN DELI")>0 OR INDEX(TRADENAMEHERE, "MIAMI SUBS & GRILL")>0 OR INDEX(COMPANYHERE, "MIAMI SUBS CORPORATION")>0 OR INDEX(TRADENAMEHERE, "NATHANS FAMOUS")>0 OR INDEX(COMPANYHERE, "NATHANS FAMOUS")>0 OR INDEX(TRADENAMEHERE, "PAPAYA KING")>0 OR INDEX(COMPANYHERE, "PAPAYA KING")>0 OR INDEX(TRADENAMEHERE, "PUDGIES FAMOUS CHICKEN")>0 OR INDEX(COMPANYHERE, "PUDGIES FAMOUS CHICKEN")>0 OR INDEX(TRADENAMEHERE, "ROY ROGERS")>0 OR INDEX(COMPANYHERE, "ROY ROGERS")>0 OR INDEX(TRADENAMEHERE, "EL POLLO SUPREMO")>0 OR INDEX(COMPANYHERE, "SUPREME CHICKEN OF NEW JERSEY")>0 OR INDEX(TRADENAMEHERE, "TOGOS")>0 OR INDEX(COMPANYHERE, "TOGOS")>0 OR INDEX(TRADENAMEHERE, "XANDO")>0 OR INDEX(COMPANYHERE, "XANDO")>0 OR INDEX(TRADENAMEHERE, "ZORN FAMOUS CHICKEN & RIBS")>0 OR INDEX(COMPANYHERE, "ZORN FAMOUS CHICKEN & RIBS")>0 OR INDEX(TRADENAMEHERE, "ZORNS FAMOUS CHICKEN")>0 OR INDEX(COMPANYHERE, "ZORNS FAMOUS CHICKEN")>0))

****_nets_piz_ov_ ^^^^**

Pizza restaurants.

This definition is based on 3 SIC codes or a text search for companies whose name contains “PIZZA” or “PIZZERIA”, and excludes any businesses categorized as fast food restaurants or medical facilities.

if (AFF =0 and (BEH_SIC in (58120600, 58120601, 58120602))) or (AFF =0 and index(CompanyHere, "PIZZA")>0) or (AFF =0 and index(TradeNameHere, "PIZZA")>0) or (AFF =0 and index(CompanyHere, "PIZZERIA")>0) or (AFF =0 and index(TradeNameHere, "PIZZERIA")>0)

****_nets_bak_ov_ ^^^^**

Bakeries and candy/confectionary stores.

This definition is based on 14 SIC codes, and excludes any businesses categorized as fast food restaurants.

if BEH_SIC in (54610000:54619999, 54419901, 54419902, 54419903, 54419905)

****_nets_bnk_ov_ ^^^^**

Banks.

This definition is based on 15 SIC codes.

if BEH_SIC in (60210000, 60219900, 60219901, 60220000, 60229900, 60229901, 60290000, 60350000, 60359900, 60359901, 60359902, 60360000, 60369900, 60369901, 60369902)

****_nets_crd_ov_ ^^^^**

Credit unions.

This definition is based on 4 SIC codes

if BEH_SIC in (60610000, 60620000, 60629900, 60629901)

****_nets_mul_ov_ ^^^^**

Multi-use physical activity venues.

This definition is based on 11 SIC codes, or a text search for 3 organizations, and excludes any businesses categorized as medical facilities.

if BEH_SIC in (70110306, 70110307, 79910000, 79910100, 79910101, 79910102, 79910300, 79910302, 79970000, 79991127, 79999910) or INDEX(COMPANYHERE,'JCC OF')>0 or INDEX(COMPANYHERE,'JEWISH CMMN CTR')>0 or INDEX(COMPANYHERE,'JEWISH CMMNTY CTR')>0 or INDEX(COMPANYHERE,'JEWISH CMNTY CNTRE')>0 or INDEX(COMPANYHERE,'JEWISH CMNTY CTR')>0 or INDEX(COMPANYHERE,'JEWISH CMNTY HSE')>0 or INDEX(COMPANYHERE,'JEWISH CMTY CENTER')>0 or INDEX(COMPANYHERE,'JEWISH COMMNTY CTR')>0 or INDEX(COMPANYHERE,'JEWISH COMMUNITY CENTER')>0 or INDEX(COMPANYHERE,'JEWISH COMMUNITY CTR')>0 or INDEX(COMPANYHERE,'JEWISH COMMUNITY CENTRE')>0 or INDEX(COMPANYHERE,'JEWISH COMMUNITY CENTER')>0 or INDEX(COMPANYHERE,'YM & YM H A')>0 or INDEX(COMPANYHERE,'Y M C A')>0 or INDEX(COMPANYHERE,'Y W C A')>0 or INDEX(COMPANYHERE,'YM C A')>0 or INDEX(COMPANYHERE,'YMHA')>0 or INDEX(COMPANYHERE,'YWHA')>0 or INDEX(COMPANYHERE,'YMCA')>0 or INDEX(COMPANYHERE,'YMWCA')>0 or INDEX(COMPANYHERE,'YWCA')>0 or INDEX(COMPANYHERE,'YNG MENS & YNG WOMENS HEBREW')>0 or INDEX(COMPANYHERE,'YOUNG MEN CHRISTIAN ASSOCIATON')>0 or INDEX(COMPANYHERE,'YOUNG MEN YUNG WNS HBREW ASSN')>0 or

INDEX(COMPANYHERE,'YOUNG MEN YUNG WNS HEBREW ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG MENS & WOMENS ASSC')>0 or
INDEX(COMPANYHERE,'YOUNG MENS & WOMENS CHRISTIA')>0 or
INDEX(COMPANYHERE,'YOUNG MENS & YOUNG WOMENS')>0 or
INDEX(COMPANYHERE,'YOUNG MENS AND YOUNG WOMENS')>0 or
INDEX(COMPANYHERE,'YOUNG MENS CHRISTIAN')>0 or INDEX(COMPANYHERE,'YOUNG MENS CHRSTN ASSOC)>0 or INDEX(COMPANYHERE,'YOUNG MENS HEBREW ASSOCIATION')>0 or INDEX(COMPANYHERE,'YOUNG MENS YNG WMNS HBRW ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG MENS/YOUNG WOMENS HEBREW')>0 or
INDEX(COMPANYHERE,'YOUNG MNS CHRISTN ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG MNS CHRSTN ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG MNS YUNG WNS HEBREW ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG WNS CHRISTN ASSN')>0 or
INDEX(COMPANYHERE,'YOUNG WOMANS CHRISTIAN ASSOC')>0 or
INDEX(COMPANYHERE,'YOUNG WOMENS CHRISTIAN')>0 or INDEX(COMPANYHERE,'YWC ASSOC')>0 or index(TradeNameHERE,'J C C')>0 or index(TradeNameHERE,'JCC')>0 or
index(TradeNameHERE,'JEWISH CMNTY CNTR')>0 or index(TradeNameHERE,'JEWISH CMNTY CTR')>0 or index(TradeNameHERE,'JEWISH COMMUNITY CENTER')>0 or
index(TradeNameHERE,'JEWISH COMMUNITY CNTR')>0 or index(TradeNameHERE,'Y M C A')>0
or
index(TradeNameHERE,'Y W C A')>0 or index(TradeNameHERE,'YM & YW H A')>0 or
index(TradeNameHERE,'YWHA')>0 or index(TradeNameHERE,'YMCA')>0 or
index(TradeNameHERE,'YMWCA')>0 or index(TradeNameHERE,'YOUNG MENS CHRISTIAN ASSOCIAT')>0 or index(TradeNameHERE,'YOUNG MNS YUNG WNS HEBREW ASSN')>0 or
index(TradeNameHERE,'YOUNG WOMENS CHRISTIAN ASSN')>0 or
index(TradeNameHERE,'YOUNG WOMENS CHRISTIAN ASSOC')>0 or
index(TradeNameHERE,'YWCA')>0

****_nets_lmpa_ov_ ^^^^**

Light/moderate physical activity venues.

This definition is based on 55 SIC codes, and excludes any businesses categorized as multi-use physical activity venues. These physical activity venues are considered light/moderate based on a MET value of 1.6-5.9 METS assigned to each SIC per The Compendium of Physical Activity (Ainsworth et al., 2000).

if (MUL=0 and (BEH_SIC in (39490103, 70320301, 79110000, 79110100, 79110101, 79110200, 79110201, 79110202, 79110203, 79110204, 79330000, 79339903, 79920000, 79970101, 79970200, 79970201, 79970202, 79970204, 79970300, 79970301, 79970302, 79979904, 79979906, 79979908, 79990200, 79990202, 79990203, 79990204, 79990205, 79990601, 79990700, 79990701, 79990702, 79990703, 79990704, 79990705, 79991102, 79991104, 79991109, 79991115, 79991121, 79991123, 79991200, 79991201, 79991202, 79991205, 79991400, 79991402, 79991409, 79991411, 79991512, 79991601, 79991602, 79999903, 82999903)))

****_nets_vpa_ov_ ^^^^**

Vigorous physical activity venues.

This definition is based on 38 SIC codes, and excludes any businesses categorized as multi-use physical activity venues.

```
if (@@@@MULYYYY$x#=0 and (BEH_SIC in (70110201, 79410104, 79410201, 79910301, 79970100,  
79970102, 79970203, 79970402, 79970403, 79970500, 79970502, 79970503, 79970504, 79990100,  
79990101, 79990102, 79990300, 79990301, 79990302, 79990303, 79990501, 79990600, 79990602, 79990603,  
79991103, 79991107, 79991110, 79991111, 79991112, 79991113, 79991116, 79991118, 79991119, 79991120,  
79991122, 79991412, 82999914)))
```

****_nets_ware_ov_ ^^^^**

Warehouse and discount department stores selling food.

This definition is based on a text search for 4 companies. This definition is still under development, and may require use of headquarter information, or additional text searches or verification to establish whether foods are sold and whether the stores are accessible to the public without major barriers to entry.

```
if INDEX(TRADENAMEHERE, "SAMS CLUB")>0 OR INDEX(COMPANYHERE, "SAMS CLUB")  
>0 or INDEX(TRADENAMEHERE, "COSTCO WHOLESALE")>0 OR INDEX(COMPANYHERE,  
"COSTCO WHOLESALE")>0 or TRADENAMEHERE="PRICE CLUB" OR  
COMPANYHERE="PRICE CLUB" or INDEX(TRADENAMEHERE, "BJS WHOLESALE")>0 OR  
INDEX(COMPANYHERE, "BJS WHOLESALE")>0 OR COMPANYHERE="BJS"
```

****_nets_des_ov_ ^^^^**

Other potential destinations.

This definition searches for businesses within 742 SIC codes with fewer than 250 employees, and excludes businesses categorized as bars and other public drinking places, liquor stores, fish markets, fruit and vegetable markets, natural food markets and nut stores, meat markets, large supermarkets, other restaurants, convenience stores and small grocery stores, fast food restaurants, pizza restaurants, bakeries and candy/confectionary stores, banks, credit unions, multi-use physical activity venues, light/moderate physical activity venues, vigorous physical activity venues, warehouse and discount department stores selling food, urgent care and hospital facilities, offices or clinics of health practitioners, residential facilities with health care (e.g., nursing homes), pharmacies, mental health care facilities, or dental care facilities.

```
if (BEH_SIC in (53000000:53999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (54000000:54999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (58000000:58999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (59000000:59999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (78000000:78999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (83000000:83999999) and (EmpHere<250 and EmpHere ne .))  
or (BEH_SIC in (84000000:84999999) and (EmpHere<250 and EmpHere ne .))
```

****_nets_urg_ov_ ^^^^**

Urgent care and hospital facilities.

This definition is based on 22 SIC codes, and excludes any businesses categorized as warehouses and discount department stores selling food.

```
if BEH_SIC in (80110200, 80110201, 80110204, 80620000:80629999, 80690000, 80690200, 80690201,  
80690300, 80690301, 80699901, 80699902, 80699903, 80699904, 80699905)
```

****_nets_hp_ov_^^^^**

Offices or clinics of health practitioners.

This definition is based on 91 SIC codes.

if BEH_SIC in (80110000: 80110110, 80110202, 80110205, 80110500: 80119905, 80310000:80490201, 80499900, 80499902, 80499903, 80499904, 80499906, 80499908, 80499909, 80920000, 80930000, 80930200:80939901, 80939903, 80939905, 80990103, 80990104, 80990200, 80990201, 80990203, 80999905, 80999906, 80999907)

****_nets_res_ov_^^^^**

Residential facilities with health care (e.g., nursing homes).

This definition is based on 21 SIC codes

if BEH_SIC in (80510000, 80519900, 80519901, 80519902, 80520000, 80529900, 80529902, 80590000, 80599901, 80599904, 80599905, 80599906, 83610000, 83610300, 83610400:83610499, 83619900, 83619901, 83619904)

****_nets_rx_ov_^^^^**

Pharmacies.

This definition is based on 8 SIC codes, and excludes any businesses categorized as warehouses and discount department stores selling food.

if BEH_SIC in (51220000, 51220300, 51229900, 59120000:59129902, 80110203)

****_nets_mh_ov_^^^^**

Mental health care facilities.

This definition is based on 28 SIC codes.

if BEH_SIC in (80110400, 80110401, 80110402, 80110403, 80490400, 80490401, 80490402, 80490403, 80490404, 80519903, 80529901, 80599903, 80630000, 80639900, 80639901, 80690100, 80690101, 80690102, 80930100, 80930101, 80930102, 80930103, 80939902, 83610302, 83610304, 83619902, 83619903, 83619905)

****_nets_dds_ov_^^^^**

Dental care facilities.

This definition is based on 16 SIC codes

if BEH_SIC in (80210000, 80210100, 80210101, 80210102, 80210103, 80210104, 80210105, 80210106, 80210107, 80210108, 80210200, 80210201, 80210202, 80219901, 80219902, 80490501)

****_nets_^^^^_cnt**

Raw count of NETS businesses captured by intersect with neighborhood geography.

PARKS VARIABLES

This park layer is from NYC Department of Parks and Recreation updated by James Quinn (BEH-GIS).

****_parks_all_area**

All Park area for neighborhood geography area in square meters.

```
dfg = df.groupby(['uid'], as_index=False).sum()
```

****_parks_small_area**

All Small Park area for neighborhood geography area in square meters.

```
dfs = df[(df['catmaster'] == 'Small Park')]  
dfg = dfs.groupby(['uid'], as_index=False).sum()
```

****_parks_large_area**

All Large Park area for neighborhood geography area in square meters.

```
dfs = df[(df['catmaster'] == 'Large Park')]  
dfg = dfs.groupby(['uid'], as_index=False).sum()
```

****_parks_greenstreet_area**

All Greenstreet area for neighborhood geography area in square meters.

```
dfs = df[(df['catmaster'] == 'Greenstreet')]  
dfg = dfs.groupby(['uid'], as_index=False).sum()
```

r2_landarea

For 1.0 km buffer, the geography point (for home point) neighborhood geography radial buffer area in square meters.

```
!shape.area@squaremeters!
```

ct_landarea

For Census Tract 2010 (of home point) neighborhood geography area in square meters.

```
!shape.area@squaremeters!
```

CENSUS VARIABLES

Census Demographic Variables

Census Tract American Community Survey (ACS) 5-year variables were acquired from the US Census Bureau API [<https://www.census.gov/developers/>] at the 2010 Census Tract, Block unit or level of geography. These variables were created using areal weighting interpolation. The original census variable names were slightly modified in order to provide a systematic naming convention across all project neighborhood definitions and to provide an indicator of the type of variable being provided. The ACS census variable names use the following naming convention:

**** (for Neighborhood Geography (ct, r1, r2)) + ^^^ (Census Type - acs) + YYYY (Highest Year of 5-Year Range) + variable**

Example: r1acsptage35up. (Percent population 34 years of age and younger in neighborhood geography radial buffer 1 (264 foot radial distance from place point) using area weighted interpolation calculation).

Census Type (^^^) ['acs']

ACS 5-year Highest of 5-Year Range (YYYY), yearsList = ['2010','2011','2012','2013','2014']

acs = American Community Survey 5-year

YYYY = Highest Year in 5-year ACS data.

For a full list of all variables mined and calculated for each neighborhood using area-weighted interpolation see Appendix A for American Community Survey (ACS) 5-year (Census Tract Level variables).

Total Population Variables

****acsYYYYtotpop**

Area weighted total population derived from American Community Survey (ACS) 5-year (Census Tract Level variables) in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

Age-related Variables

****^^^YYYYpctage34nunder**

Percent population 34 years of age and younger in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001003E'] + df[geo+'B01001004E'] + df[geo+'B01001005E'] + df[geo+'B01001006E'] + df[geo+'B01001007E'] + df[geo+'B01001008E'] + df[geo+'B01001009E'] + df[geo+'B01001010E'] + df[geo+'B01001011E'] + df[geo+'B01001012E'] + df[geo+'B01001027E'] + df[geo+'B01001028E'] + df[geo+'B01001029E'] + df[geo+'B01001030E'] + df[geo+'B01001031E'] + df[geo+'B01001032E'] + df[geo+'B01001033E'] + df[geo+'B01001034E'] + df[geo+'B01001035E'] + df[geo+'B01001036E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage35up**

Percent population 35 years of age and older in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001013E'] + df[geo+'B01001014E'] + df[geo+'B01001015E'] + df[geo+'B01001016E'] + df[geo+'B01001017E'] + df[geo+'B01001018E'] + df[geo+'B01001019E'] + df[geo+'B01001020E'] + df[geo+'B01001021E'] + df[geo+'B01001022E'] + df[geo+'B01001023E'] + df[geo+'B01001024E'] + df[geo+'B01001025E'] + df[geo+'B01001037E'] + df[geo+'B01001038E'] + df[geo+'B01001039E'] + df[geo+'B01001040E'] + df[geo+'B01001041E'] + df[geo+'B01001042E'] + df[geo+'B01001043E'] + df[geo+'B01001044E'] + df[geo+'B01001045E'] + df[geo+'B01001046E'] + df[geo+'B01001047E'] + df[geo+'B01001048E'] + df[geo+'B01001049E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage60up**

Percent population 60 years of age and older in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001018E'] + df[geo+'B01001019E'] + df[geo+'B01001020E'] + df[geo+'B01001021E'] + df[geo+'B01001022E'] + df[geo+'B01001023E'] + df[geo+'B01001024E'] + df[geo+'B01001025E'] + df[geo+'B01001042E'] + df[geo+'B01001043E'] + df[geo+'B01001044E'] + df[geo+'B01001045E'] + df[geo+'B01001046E'] + df[geo+'B01001047E'] + df[geo+'B01001048E'] + df[geo+'B01001049E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage18_24**

Percent population 18-24 years of age in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001007E'] + df[geo+'B01001008E'] + df[geo+'B01001009E'] + df[geo+'B01001010E'] + df[geo+'B01001031E'] + df[geo+'B01001032E'] + df[geo+'B01001033E'] + df[geo+'B01001034E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage25_34**

Percent population 25-34 years of age in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001011E'] + df[geo+'B01001012E'] + df[geo+'B01001035E'] + df[geo+'B01001036E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage35_44**

Percent population 35-44 years of age in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001013E'] + df[geo+'B01001014E'] + df[geo+'B01001037E'] + df[geo+'B01001038E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage45_54**

Percent population 45-54 years of age in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001015E'] + df[geo+'B01001016E'] + df[geo+'B01001039E'] + df[geo+'B01001040E'] ) / df[geo+'B01001001E']
```

****^^^YYYYpctage55_64**

Percent population 55-64 years of age in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001017E'] + df[geo+'B01001018E'] + df[geo+'B01001019E'] + df[geo+'B01001041E'] + df[geo+'B01001042E'] + df[geo+'B01001043E']) / df[geo+'B01001001E']
```

****^^^YYYYpctage65up**

Percent population 65 years of age and older in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B01001020E'] + df[geo+'B01001021E'] + df[geo+'B01001022E'] + df[geo+'B01001023E'] + df[geo+'B01001024E'] + df[geo+'B01001025E'] + df[geo+'B01001044E'] + df[geo+'B01001045E'] + df[geo+'B01001046E'] + df[geo+'B01001047E'] + df[geo+'B01001048E'] + df[geo+'B01001049E'] ) / df[geo+'B01001001E']
```

Sex, Race, Economic, Etc. Variables

****^^^YYYYpctmale**

Percent population Male in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B01001002E'] / df[geo+'B01001001E']
```

****^^^YYYYpctwhite**

Percent population white in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B02001002E'] / df[geo+'B02001001E']
```

****^^^YYYYpcthisp**

Percent population Hispanic in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B03002012E'] / df[geo+'B03002001E']
```

****^/^YYYYpctblack**

Percent population Black in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B02001003E'] / df[geo+'B02001001E']
```

****^/^YYYYpctasian**

Percent population Asian in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B02001005E'] / df[geo+'B02001001E']
```

****^/^YYYYpctother**

Percent population Other (than Asian, Black or White) in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B02001004E'] + df[geo+'B02001006E'] + df[geo+'B02001007E'] + df[geo+'B02001008E']) / df[geo+'B02001001E']
```

****^/^YYYYpctforborn**

Percent population foreign born in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B05001005E'] + df[geo+'B05001006E'] ) / df[geo+'B05001001E']
```

****^/^YYYYpctlingiso**

Percent population linguistic isolation in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B16002004E'] + df[geo+'B16002007E'] + df[geo+'B16002010E'] + df[geo+'B16002013E']) / df[geo+'B16002001E']
```

****^/^YYYYpcthownocc**

Percent household owner in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B25003002E'] / df[geo+'B25003001E']
```

****^/^YYYYpctsameh1y**

Percent population in same house 1 year ago in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B07001017E'] / df[geo+'B07001001E']
```

****^/^YYYYpctpov**

Percent population in poverty in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'C17002002E'] + df[geo+'C17002003E'] ) / df[geo+'C17002001E']
```

****^/^YYYYpctpub**

Percent population with public assistance in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B19057002E'] / df[geo+'B19057001E']
```

****^/^YYYYpctfemheadhh**

Percent households with Female householder, no husband present in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B11001006E'] / df[geo+'B11001001E']
```

****^/^YYYYpctearn50kup**

Percent population 15 years and over who work full-time in past 12 months that make \$50,000 and over in income in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B19325021E'] + df[geo+'B19325022E'] + df[geo+'B19325023E'] + df[geo+'B19325024E'] + df[geo+'B19325025E'] + df[geo+'B19325044E'] + df[geo+'B19325045E'] + df[geo+'B19325046E'] + df[geo+'B19325047E'] + df[geo+'B19325048E'] ) / df[geo+'B19325001E']
```

****^/^YYYYpctunemploy**

Percent population 16 years and over who are civilians in the labor force that are unemployed in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B23001008E'] + df[geo+'B23001015E'] + df[geo+'B23001022E'] + df[geo+'B23001029E'] + df[geo+'B23001036E'] + df[geo+'B23001043E'] + df[geo+'B23001050E'] + df[geo+'B23001057E'] + df[geo+'B23001064E'] + df[geo+'B23001071E'] + df[geo+'B23001076E'] + df[geo+'B23001081E'] + df[geo+'B23001086E'] + df[geo+'B23001094E'] + df[geo+'B23001101E'] + df[geo+'B23001108E'] + df[geo+'B23001115E'] + df[geo+'B23001122E'] + df[geo+'B23001129E'] + df[geo+'B23001136E'] + df[geo+'B23001143E'] + df[geo+'B23001150E'] + df[geo+'B23001157E'] + df[geo+'B23001162E'] + df[geo+'B23001167E'] + df[geo+'B23001172E'] ) / df[geo+'B23001001E']
```

****^/^YYYYpctjobmanagr**

Percent population 16 years and over in Management, business, science, and arts occupations in Neighborhood Geography (**) for Census Type (^/^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'C24010003E'] + df[geo+'C24010039E'] ) / df[geo+'C24010001E']
```

****^^^YYYYpctednohisch**

Percent population 25 years and over with no high school diploma or GED or alternative in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B15002003E'] + df[geo+'B15002004E'] + df[geo+'B15002005E'] + df[geo+'B15002006E'] + df[geo+'B15002007E'] + df[geo+'B15002008E'] + df[geo+'B15002009E'] + df[geo+'B15002010E'] + df[geo+'B15002020E'] + df[geo+'B15002021E'] + df[geo+'B15002022E'] + df[geo+'B15002023E'] + df[geo+'B15002024E'] + df[geo+'B15002025E'] + df[geo+'B15002026E'] + df[geo+'B15002027E'] ) / df[geo+'B15002001E']
```

****^^^YYYYpctedyeshisch**

Percent population 25 years and over with at least a high school diploma or GED or alternative in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B15002011E'] + df[geo+'B15002012E'] + df[geo+'B15002013E'] + df[geo+'B15002014E'] + df[geo+'B15002015E'] + df[geo+'B15002016E'] + df[geo+'B15002017E'] + df[geo+'B15002018E'] + df[geo+'B15002028E'] + df[geo+'B15002029E'] + df[geo+'B15002030E'] + df[geo+'B15002031E'] + df[geo+'B15002032E'] + df[geo+'B15002033E'] + df[geo+'B15002034E'] + df[geo+'B15002035E'] ) / df[geo+'B15002001E']
```

****^^^YYYYpctedcolgeup**

Percent population 25 years and over with at least Associate's degree, Bachelor's degree, Master's degree, Professional school degree or Doctorate degree in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
( df[geo+'B15002014E'] + df[geo+'B15002015E'] + df[geo+'B15002016E'] + df[geo+'B15002017E'] + df[geo+'B15002018E'] + df[geo+'B15002031E'] + df[geo+'B15002032E'] + df[geo+'B15002033E'] + df[geo+'B15002034E'] + df[geo+'B15002035E'] ) / df[geo+'B15002001E']
```

****^^^YYYYmedhhinc**

Median Household Income in Neighborhood Geography (**) for Census Type (^^^) for year (YYYY) (if ACS, highest year in 5-year range).

American Community Survey (5-year)

```
df[geo+'B19013001E'] / df[geo+'countrrows']
```

REFERENCES

- Gatrell, A.C. et al. (1996). Spatial point pattern analysis and its application in geographical epidemiology, *Transactions of the Institute of British Geographers* 21: pp. 256–274.
- Guagliardo, M.F. et al. (2004). Physician accessibility: an urban case study of pediatric providers, *Health & Place* 10: pp. 273–283.
- Longley, P.A. et al. (2001) *Geographic Information Systems and Science*. Chichester, NY: John Wiley and Sons, Inc.
- O'Sullivan, D. and D. Unwin. (2002). *Geographic information analysis*. Hoboken, NJ: John Wiley and Sons, Inc.
- Scott, D.W. (1998). *Multivariate Density Estimation*. John Wiley and Sons, Inc.
- Silverman, B.W. (1986). *Density Estimation for Statistics and Data Analysis*. New York: Chapman and Hall.
- Wand, M.P. and M.C. Jones. (1995). *Kernel Smoothing*. London, UK: Chapman and Hall.

APPENDIX A: 5-YEAR AMERICAN COMMUNITY SURVEY (ACS) VARIABLES:

Census Tract ACS 5-Year variables were acquired from the US Census Bureau API [<https://www.census.gov/developers/>] at the 2010 Census Tract, Block unit or level of geography. These variables were created using areal weighting interpolation. The original census variable names were slightly modified in order to provide a systematic naming convention across all project neighborhood definitions and to provide an indicator of the type of variable being provided. The ACS census variable names use the following naming convention:

**** (for Neighborhood Geography (ct, r1, r2)) + ^^^ (Census Type - acs) + YYYY (Highest Year of 5-Year Range) + variable**

Example: r1acspctage35up. (Percent population 34 years of age and younger in neighborhood geography radial buffer 1 (264 foot radial distance from place point) using area weighted interpolation calculation).

Census Type (^^^) ['acs']

ACS 5-year Highest of 5-Year Range (YYYY), yearsList = ['2010','2011','2012','2013','2014']

acs = American Community Survey 5-year

YYYY = Highest Year in 5-year ACS data.

****^ ^^ YYYY+CENSUSVARIABLE (i.e., B01001001)**

Example of area weighted value of ACS Variable.

Census Variables

SEX BY AGE

Universe: Total population

**^ ^^ YYYYB01001001	B01001001	Total:
**^ ^^ YYYYB01001002	B01001002	Male:
**^ ^^ YYYYB01001003	B01001003	Under 5 years
**^ ^^ YYYYB01001004	B01001004	5 to 9 years
**^ ^^ YYYYB01001005	B01001005	10 to 14 years
**^ ^^ YYYYB01001006	B01001006	15 to 17 years
**^ ^^ YYYYB01001007	B01001007	18 and 19 years
**^ ^^ YYYYB01001008	B01001008	20 years
**^ ^^ YYYYB01001009	B01001009	21 years
**^ ^^ YYYYB01001010	B01001010	22 to 24 years

**^/^YYYYB01001011	B01001011	25 to 29 years
**^/^YYYYB01001012	B01001012	30 to 34 years
**^/^YYYYB01001013	B01001013	35 to 39 years
**^/^YYYYB01001014	B01001014	40 to 44 years
**^/^YYYYB01001015	B01001015	45 to 49 years
**^/^YYYYB01001016	B01001016	50 to 54 years
**^/^YYYYB01001017	B01001017	55 to 59 years
**^/^YYYYB01001018	B01001018	60 and 61 years
**^/^YYYYB01001019	B01001019	62 to 64 years
**^/^YYYYB01001020	B01001020	65 and 66 years
**^/^YYYYB01001021	B01001021	67 to 69 years
**^/^YYYYB01001022	B01001022	70 to 74 years
**^/^YYYYB01001023	B01001023	75 to 79 years
**^/^YYYYB01001024	B01001024	80 to 84 years
**^/^YYYYB01001025	B01001025	85 years and over
**^/^YYYYB01001026	B01001026	Female:
**^/^YYYYB01001027	B01001027	Under 5 years
**^/^YYYYB01001028	B01001028	5 to 9 years
**^/^YYYYB01001029	B01001029	10 to 14 years
**^/^YYYYB01001030	B01001030	15 to 17 years
**^/^YYYYB01001031	B01001031	18 and 19 years
**^/^YYYYB01001032	B01001032	20 years
**^/^YYYYB01001033	B01001033	21 years
**^/^YYYYB01001034	B01001034	22 to 24 years
**^/^YYYYB01001035	B01001035	25 to 29 years
**^/^YYYYB01001036	B01001036	30 to 34 years
**^/^YYYYB01001037	B01001037	35 to 39 years

**^/^YYYYB01001038	B01001038	40 to 44 years
**^/^YYYYB01001039	B01001039	45 to 49 years
**^/^YYYYB01001040	B01001040	50 to 54 years
**^/^YYYYB01001041	B01001041	55 to 59 years
**^/^YYYYB01001042	B01001042	60 and 61 years
**^/^YYYYB01001043	B01001043	62 to 64 years
**^/^YYYYB01001044	B01001044	65 and 66 years
**^/^YYYYB01001045	B01001045	67 to 69 years
**^/^YYYYB01001046	B01001046	70 to 74 years
**^/^YYYYB01001047	B01001047	75 to 79 years
**^/^YYYYB01001048	B01001048	80 to 84 years
**^/^YYYYB01001049	B01001049	85 years and over

RACE

Universe: Total population

**^/^YYYYB02001001	B02001001	Total:
**^/^YYYYB02001002	B02001002	White alone
**^/^YYYYB02001003	B02001003	Black or African American alone
**^/^YYYYB02001004	B02001004	American Indian and Alaska Native alone
**^/^YYYYB02001005	B02001005	Asian alone
**^/^YYYYB02001006	B02001006	Native Hawaiian and Other Pacific Islander alone
**^/^YYYYB02001007	B02001007	Some other race alone
**^/^YYYYB02001008	B02001008	Two or more races:
**^/^YYYYB02001009	B02001009	Two races including Some other race
**^/^YYYYB02001010	B02001010	Two races excluding Some other race, and three or more races

HISPANIC OR LATINO ORIGIN BY RACE

Universe: Total population

**^/^YYYYB03002001	B03002001	Total:
**^/^YYYYB03002002	B03002002	Not Hispanic or Latino:
**^/^YYYYB03002003	B03002003	White alone
**^/^YYYYB03002004	B03002004	Black or African American alone
**^/^YYYYB03002005	B03002005	American Indian and Alaska Native alone
**^/^YYYYB03002006	B03002006	Asian alone
**^/^YYYYB03002007	B03002007	Native Hawaiian and Other Pacific Islander alone
**^/^YYYYB03002008	B03002008	Some other race alone
**^/^YYYYB03002009	B03002009	Two or more races:
**^/^YYYYB03002010	B03002010	Two races including Some other race
**^/^YYYYB03002011	B03002011	Two races excluding Some other race, and three or more races
**^/^YYYYB03002012	B03002012	Hispanic or Latino:
**^/^YYYYB03002013	B03002013	White alone
**^/^YYYYB03002014	B03002014	Black or African American alone
**^/^YYYYB03002015	B03002015	American Indian and Alaska Native alone
**^/^YYYYB03002016	B03002016	Asian alone
**^/^YYYYB03002017	B03002017	Native Hawaiian and Other Pacific Islander alone
**^/^YYYYB03002018	B03002018	Some other race alone
**^/^YYYYB03002019	B03002019	Two or more races:
**^/^YYYYB03002020	B03002020	Two races including Some other race
**^/^YYYYB03002021	B03002021	Two races excluding Some other race, and three or more races

NATIVITY AND CITIZENSHIP STATUS IN THE UNITED STATES

Universe: Total population in the United States

**^/^YYYYB05001001	B05001001	Total:
**^/^YYYYB05001002	B05001002	U.S. citizen, born in the United States

**^/^YYYYB05001003	B05001003	U.S. citizen, born in Puerto Rico or U.S. Island Areas
**^/^YYYYB05001004	B05001004	U.S. citizen, born abroad of American parent(s)
**^/^YYYYB05001005	B05001005	U.S. citizen by naturalization
**^/^YYYYB05001006	B05001006	Not a U.S. citizen

PLACE OF BIRTH BY NATIVITY AND CITIZENSHIP STATUS

Universe: Total population

**^/^YYYYB05002001	B05002001	Total:
**^/^YYYYB05002002	B05002002	Native:
**^/^YYYYB05002003	B05002003	Born in state of residence
**^/^YYYYB05002004	B05002004	Born in other state in the United States:
**^/^YYYYB05002005	B05002005	Northeast
**^/^YYYYB05002006	B05002006	Midwest
**^/^YYYYB05002007	B05002007	South
**^/^YYYYB05002008	B05002008	West
**^/^YYYYB05002009	B05002009	Born outside the United States:
**^/^YYYYB05002010	B05002010	Puerto Rico
**^/^YYYYB05002011	B05002011	U.S. Island Areas
**^/^YYYYB05002012	B05002012	Born abroad of American parent(s)
**^/^YYYYB05002013	B05002013	Foreign born:
**^/^YYYYB05002014	B05002014	Naturalized U.S. citizen
**^/^YYYYB05002015	B05002015	Not a U.S. citizen

"GEOGRAPHICAL MOBILITY IN THE PAST YEAR BY AGE

FOR CURRENT RESIDENCE IN THE UNITED STATES"

Universe: Population 1 year and over in the United States

**^/^YYYYB07001001	B07001001	Total:
**^/^YYYYB07001002	B07001002	1 to 4 years

**^/^YYYYB07001003	B07001003	5 to 17 years
**^/^YYYYB07001004	B07001004	18 and 19 years
**^/^YYYYB07001005	B07001005	20 to 24 years
**^/^YYYYB07001006	B07001006	25 to 29 years
**^/^YYYYB07001007	B07001007	30 to 34 years
**^/^YYYYB07001008	B07001008	35 to 39 years
**^/^YYYYB07001009	B07001009	40 to 44 years
**^/^YYYYB07001010	B07001010	45 to 49 years
**^/^YYYYB07001011	B07001011	50 to 54 years
**^/^YYYYB07001012	B07001012	55 to 59 years
**^/^YYYYB07001013	B07001013	60 to 64 years
**^/^YYYYB07001014	B07001014	65 to 69 years
**^/^YYYYB07001015	B07001015	70 to 74 years
**^/^YYYYB07001016	B07001016	75 years and over
**^/^YYYYB07001017	B07001017	Same house 1 year ago:
**^/^YYYYB07001018	B07001018	1 to 4 years
**^/^YYYYB07001019	B07001019	5 to 17 years
**^/^YYYYB07001020	B07001020	18 and 19 years
**^/^YYYYB07001021	B07001021	20 to 24 years
**^/^YYYYB07001022	B07001022	25 to 29 years
**^/^YYYYB07001023	B07001023	30 to 34 years
**^/^YYYYB07001024	B07001024	35 to 39 years
**^/^YYYYB07001025	B07001025	40 to 44 years
**^/^YYYYB07001026	B07001026	45 to 49 years
**^/^YYYYB07001027	B07001027	50 to 54 years
**^/^YYYYB07001028	B07001028	55 to 59 years
**^/^YYYYB07001029	B07001029	60 to 64 years

**^/^YYYYB07001030	B07001030	65 to 69 years
**^/^YYYYB07001031	B07001031	70 to 74 years
**^/^YYYYB07001032	B07001032	75 years and over
**^/^YYYYB07001033	B07001033	Moved within same county:
**^/^YYYYB07001034	B07001034	1 to 4 years
**^/^YYYYB07001035	B07001035	5 to 17 years
**^/^YYYYB07001036	B07001036	18 and 19 years
**^/^YYYYB07001037	B07001037	20 to 24 years
**^/^YYYYB07001038	B07001038	25 to 29 years
**^/^YYYYB07001039	B07001039	30 to 34 years
**^/^YYYYB07001040	B07001040	35 to 39 years
**^/^YYYYB07001041	B07001041	40 to 44 years
**^/^YYYYB07001042	B07001042	45 to 49 years
**^/^YYYYB07001043	B07001043	50 to 54 years
**^/^YYYYB07001044	B07001044	55 to 59 years
**^/^YYYYB07001045	B07001045	60 to 64 years
**^/^YYYYB07001046	B07001046	65 to 69 years
**^/^YYYYB07001047	B07001047	70 to 74 years
**^/^YYYYB07001048	B07001048	75 years and over
**^/^YYYYB07001049	B07001049	Moved from different county within same state:
**^/^YYYYB07001050	B07001050	1 to 4 years
**^/^YYYYB07001051	B07001051	5 to 17 years
**^/^YYYYB07001052	B07001052	18 and 19 years
**^/^YYYYB07001053	B07001053	20 to 24 years
**^/^YYYYB07001054	B07001054	25 to 29 years
**^/^YYYYB07001055	B07001055	30 to 34 years
**^/^YYYYB07001056	B07001056	35 to 39 years

**^/^YYYYB07001057	B07001057	40 to 44 years
**^/^YYYYB07001058	B07001058	45 to 49 years
**^/^YYYYB07001059	B07001059	50 to 54 years
**^/^YYYYB07001060	B07001060	55 to 59 years
**^/^YYYYB07001061	B07001061	60 to 64 years
**^/^YYYYB07001062	B07001062	65 to 69 years
**^/^YYYYB07001063	B07001063	70 to 74 years
**^/^YYYYB07001064	B07001064	75 years and over
**^/^YYYYB07001065	B07001065	Moved from different state:
**^/^YYYYB07001066	B07001066	1 to 4 years
**^/^YYYYB07001067	B07001067	5 to 17 years
**^/^YYYYB07001068	B07001068	18 and 19 years
**^/^YYYYB07001069	B07001069	20 to 24 years
**^/^YYYYB07001070	B07001070	25 to 29 years
**^/^YYYYB07001071	B07001071	30 to 34 years
**^/^YYYYB07001072	B07001072	35 to 39 years
**^/^YYYYB07001073	B07001073	40 to 44 years
**^/^YYYYB07001074	B07001074	45 to 49 years
**^/^YYYYB07001075	B07001075	50 to 54 years
**^/^YYYYB07001076	B07001076	55 to 59 years
**^/^YYYYB07001077	B07001077	60 to 64 years
**^/^YYYYB07001078	B07001078	65 to 69 years
**^/^YYYYB07001079	B07001079	70 to 74 years
**^/^YYYYB07001080	B07001080	75 years and over
**^/^YYYYB07001081	B07001081	Moved from abroad:
**^/^YYYYB07001082	B07001082	1 to 4 years
**^/^YYYYB07001083	B07001083	5 to 17 years

**^/^YYYYB07001084	B07001084	18 and 19 years
**^/^YYYYB07001085	B07001085	20 to 24 years
**^/^YYYYB07001086	B07001086	25 to 29 years
**^/^YYYYB07001087	B07001087	30 to 34 years
**^/^YYYYB07001088	B07001088	35 to 39 years
**^/^YYYYB07001089	B07001089	40 to 44 years
**^/^YYYYB07001090	B07001090	45 to 49 years
**^/^YYYYB07001091	B07001091	50 to 54 years
**^/^YYYYB07001092	B07001092	55 to 59 years
**^/^YYYYB07001093	B07001093	60 to 64 years
**^/^YYYYB07001094	B07001094	65 to 69 years
**^/^YYYYB07001095	B07001095	70 to 74 years
**^/^YYYYB07001096	B07001096	75 years and over

HOUSEHOLD TYPE (INCLUDING LIVING ALONE)

Universe: Households

**^/^YYYYB11001001	B11001001	Total:
**^/^YYYYB11001002	B11001002	Family households:
**^/^YYYYB11001003	B11001003	Married-couple family
**^/^YYYYB11001004	B11001004	Other family:
**^/^YYYYB11001005	B11001005	Male householder, no wife present
**^/^YYYYB11001006	B11001006	Female householder, no husband present
**^/^YYYYB11001007	B11001007	Nonfamily households:
**^/^YYYYB11001008	B11001008	Householder living alone
**^/^YYYYB11001009	B11001009	Householder not living alone

"LANGUAGE SPOKEN AT HOME BY ABILITY TO SPEAK
ENGLISH FOR THE POPULATION 5 YEARS AND OVER"
Universe: Population 5 years and over

**^/^YYYYB16001001	B16001001	Total:
**^/^YYYYB16001002	B16001002	Speak only English
**^/^YYYYB16001003	B16001003	Spanish or Spanish Creole:
**^/^YYYYB16001004	B16001004	Speak English "very well"
**^/^YYYYB16001005	B16001005	Speak English less than "very well"
**^/^YYYYB16001006	B16001006	French (incl. Patois, Cajun):
**^/^YYYYB16001007	B16001007	Speak English "very well"
**^/^YYYYB16001008	B16001008	Speak English less than "very well"
**^/^YYYYB16001009	B16001009	French Creole:
**^/^YYYYB16001010	B16001010	Speak English "very well"
**^/^YYYYB16001011	B16001011	Speak English less than "very well"
**^/^YYYYB16001012	B16001012	Italian:
**^/^YYYYB16001013	B16001013	Speak English "very well"
**^/^YYYYB16001014	B16001014	Speak English less than "very well"
**^/^YYYYB16001015	B16001015	Portuguese or Portuguese Creole:
**^/^YYYYB16001016	B16001016	Speak English "very well"
**^/^YYYYB16001017	B16001017	Speak English less than "very well"
**^/^YYYYB16001018	B16001018	German:
**^/^YYYYB16001019	B16001019	Speak English "very well"
**^/^YYYYB16001020	B16001020	Speak English less than "very well"
**^/^YYYYB16001021	B16001021	Yiddish:
**^/^YYYYB16001022	B16001022	Speak English "very well"
**^/^YYYYB16001023	B16001023	Speak English less than "very well"
**^/^YYYYB16001024	B16001024	Other West Germanic languages:

**^ ^ ^ YYYYB16001025	B16001025	Speak English "very well"
**^ ^ ^ YYYYB16001026	B16001026	Speak English less than "very well"
**^ ^ ^ YYYYB16001027	B16001027	Scandinavian languages:
**^ ^ ^ YYYYB16001028	B16001028	Speak English "very well"
**^ ^ ^ YYYYB16001029	B16001029	Speak English less than "very well"
**^ ^ ^ YYYYB16001030	B16001030	Greek:
**^ ^ ^ YYYYB16001031	B16001031	Speak English "very well"
**^ ^ ^ YYYYB16001032	B16001032	Speak English less than "very well"
**^ ^ ^ YYYYB16001033	B16001033	Russian:
**^ ^ ^ YYYYB16001034	B16001034	Speak English "very well"
**^ ^ ^ YYYYB16001035	B16001035	Speak English less than "very well"
**^ ^ ^ YYYYB16001036	B16001036	Polish:
**^ ^ ^ YYYYB16001037	B16001037	Speak English "very well"
**^ ^ ^ YYYYB16001038	B16001038	Speak English less than "very well"
**^ ^ ^ YYYYB16001039	B16001039	Serbo-Croatian:
**^ ^ ^ YYYYB16001040	B16001040	Speak English "very well"
**^ ^ ^ YYYYB16001041	B16001041	Speak English less than "very well"
**^ ^ ^ YYYYB16001042	B16001042	Other Slavic languages:
**^ ^ ^ YYYYB16001043	B16001043	Speak English "very well"
**^ ^ ^ YYYYB16001044	B16001044	Speak English less than "very well"
**^ ^ ^ YYYYB16001045	B16001045	Armenian:
**^ ^ ^ YYYYB16001046	B16001046	Speak English "very well"
**^ ^ ^ YYYYB16001047	B16001047	Speak English less than "very well"
**^ ^ ^ YYYYB16001048	B16001048	Persian:
**^ ^ ^ YYYYB16001049	B16001049	Speak English "very well"
**^ ^ ^ YYYYB16001050	B16001050	Speak English less than "very well"
**^ ^ ^ YYYYB16001051	B16001051	Gujarati:

**^ ^ ^ YYYYB16001052	B16001052	Speak English "very well"
**^ ^ ^ YYYYB16001053	B16001053	Speak English less than "very well"
**^ ^ ^ YYYYB16001054	B16001054	Hindi:
**^ ^ ^ YYYYB16001055	B16001055	Speak English "very well"
**^ ^ ^ YYYYB16001056	B16001056	Speak English less than "very well"
**^ ^ ^ YYYYB16001057	B16001057	Urdu:
**^ ^ ^ YYYYB16001058	B16001058	Speak English "very well"
**^ ^ ^ YYYYB16001059	B16001059	Speak English less than "very well"
**^ ^ ^ YYYYB16001060	B16001060	Other Indic languages:
**^ ^ ^ YYYYB16001061	B16001061	Speak English "very well"
**^ ^ ^ YYYYB16001062	B16001062	Speak English less than "very well"
**^ ^ ^ YYYYB16001063	B16001063	Other Indo-European languages:
**^ ^ ^ YYYYB16001064	B16001064	Speak English "very well"
**^ ^ ^ YYYYB16001065	B16001065	Speak English less than "very well"
**^ ^ ^ YYYYB16001066	B16001066	Chinese:
**^ ^ ^ YYYYB16001067	B16001067	Speak English "very well"
**^ ^ ^ YYYYB16001068	B16001068	Speak English less than "very well"
**^ ^ ^ YYYYB16001069	B16001069	Japanese:
**^ ^ ^ YYYYB16001070	B16001070	Speak English "very well"
**^ ^ ^ YYYYB16001071	B16001071	Speak English less than "very well"
**^ ^ ^ YYYYB16001072	B16001072	Korean:
**^ ^ ^ YYYYB16001073	B16001073	Speak English "very well"
**^ ^ ^ YYYYB16001074	B16001074	Speak English less than "very well"
**^ ^ ^ YYYYB16001075	B16001075	Mon-Khmer, Cambodian:
**^ ^ ^ YYYYB16001076	B16001076	Speak English "very well"
**^ ^ ^ YYYYB16001077	B16001077	Speak English less than "very well"
**^ ^ ^ YYYYB16001078	B16001078	Hmong:

**^ ^ ^ YYYYB16001079	B16001079	Speak English "very well"
**^ ^ ^ YYYYB16001080	B16001080	Speak English less than "very well"
**^ ^ ^ YYYYB16001081	B16001081	Thai:
**^ ^ ^ YYYYB16001082	B16001082	Speak English "very well"
**^ ^ ^ YYYYB16001083	B16001083	Speak English less than "very well"
**^ ^ ^ YYYYB16001084	B16001084	Laotian:
**^ ^ ^ YYYYB16001085	B16001085	Speak English "very well"
**^ ^ ^ YYYYB16001086	B16001086	Speak English less than "very well"
**^ ^ ^ YYYYB16001087	B16001087	Vietnamese:
**^ ^ ^ YYYYB16001088	B16001088	Speak English "very well"
**^ ^ ^ YYYYB16001089	B16001089	Speak English less than "very well"
**^ ^ ^ YYYYB16001090	B16001090	Other Asian languages:
**^ ^ ^ YYYYB16001091	B16001091	Speak English "very well"
**^ ^ ^ YYYYB16001092	B16001092	Speak English less than "very well"
**^ ^ ^ YYYYB16001093	B16001093	Tagalog:
**^ ^ ^ YYYYB16001094	B16001094	Speak English "very well"
**^ ^ ^ YYYYB16001095	B16001095	Speak English less than "very well"
**^ ^ ^ YYYYB16001096	B16001096	Other Pacific Island languages:
**^ ^ ^ YYYYB16001097	B16001097	Speak English "very well"
**^ ^ ^ YYYYB16001098	B16001098	Speak English less than "very well"
**^ ^ ^ YYYYB16001099	B16001099	Navajo:
**^ ^ ^ YYYYB16001100	B16001100	Speak English "very well"
**^ ^ ^ YYYYB16001101	B16001101	Speak English less than "very well"
**^ ^ ^ YYYYB16001102	B16001102	Other Native North American languages:
**^ ^ ^ YYYYB16001103	B16001103	Speak English "very well"
**^ ^ ^ YYYYB16001104	B16001104	Speak English less than "very well"
**^ ^ ^ YYYYB16001105	B16001105	Hungarian:

**^ ^ ^ YYYYB16001106	B16001106	Speak English "very well"
**^ ^ ^ YYYYB16001107	B16001107	Speak English less than "very well"
**^ ^ ^ YYYYB16001108	B16001108	Arabic:
**^ ^ ^ YYYYB16001109	B16001109	Speak English "very well"
**^ ^ ^ YYYYB16001110	B16001110	Speak English less than "very well"
**^ ^ ^ YYYYB16001111	B16001111	Hebrew:
**^ ^ ^ YYYYB16001112	B16001112	Speak English "very well"
**^ ^ ^ YYYYB16001113	B16001113	Speak English less than "very well"
**^ ^ ^ YYYYB16001114	B16001114	African languages:
**^ ^ ^ YYYYB16001115	B16001115	Speak English "very well"
**^ ^ ^ YYYYB16001116	B16001116	Speak English less than "very well"
**^ ^ ^ YYYYB16001117	B16001117	Other and unspecified languages:
**^ ^ ^ YYYYB16001118	B16001118	Speak English "very well"
**^ ^ ^ YYYYB16001119	B16001119	Speak English less than "very well"

"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

**^ ^ ^ YYYYB16002001	B16002001	Total:
**^ ^ ^ YYYYB16002002	B16002002	English only
**^ ^ ^ YYYYB16002003	B16002003	Spanish:
**^ ^ ^ YYYYB16002004	B16002004	No one 14 and over speaks English only or speaks English "very well"

**^ ^ ^ YYYYB16002005	B16002005	At least one person 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002006	B16002006	Other Indo-European languages:
**^ ^ ^ YYYYB16002007	B16002007	No one 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002008	B16002008	At least one person 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002009	B16002009	Asian and Pacific Island languages:
**^ ^ ^ YYYYB16002010	B16002010	No one 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002011	B16002011	At least one person 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002012	B16002012	Other languages:
**^ ^ ^ YYYYB16002013	B16002013	No one 14 and over speaks English only or speaks English "very well"
**^ ^ ^ YYYYB16002014	B16002014	At least one person 14 and over speaks English only or speaks English "very well"

"AGE BY LANGUAGE SPOKEN AT HOME FOR THE
POPULATION 5 YEARS AND OVER IN HOUSEHOLDS
IN WHICH NO ONE 14 AND OVER SPEAKS ENGLISH
ONLY OR SPEAKS A LANGUAGE OTHER THAN ENGLISH
AT HOME AND SPEAKS ENGLISH "VER"

"Universe: Population 5 years and over in 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""

**^/^YYYYB16003001	B16003001	Total:
**^/^YYYYB16003002	B16003002	5 to 17 years:
**^/^YYYYB16003003	B16003003	Speak only English
**^/^YYYYB16003004	B16003004	Speak Spanish
**^/^YYYYB16003005	B16003005	Speak other Indo-European languages
**^/^YYYYB16003006	B16003006	Speak Asian and Pacific Island languages
**^/^YYYYB16003007	B16003007	Speak other languages
**^/^YYYYB16003008	B16003008	18 years and over:
**^/^YYYYB16003009	B16003009	Speak Spanish
**^/^YYYYB16003010	B16003010	Speak other Indo-European languages
**^/^YYYYB16003011	B16003011	Speak Asian and Pacific Island languages
**^/^YYYYB16003012	B16003012	Speak other languages

"SEX BY EDUCATIONAL ATTAINMENT FOR THE
POPULATION 25 YEARS AND OVER"

Universe: Population 25 years and over

**^/^YYYYB15002001	B15002001	Total:
**^/^YYYYB15002002	B15002002	Male:
**^/^YYYYB15002003	B15002003	No schooling completed
**^/^YYYYB15002004	B15002004	Nursery to 4th grade
**^/^YYYYB15002005	B15002005	5th and 6th grade
**^/^YYYYB15002006	B15002006	7th and 8th grade
**^/^YYYYB15002007	B15002007	9th grade
**^/^YYYYB15002008	B15002008	10th grade
**^/^YYYYB15002009	B15002009	11th grade
**^/^YYYYB15002010	B15002010	12th grade, no diploma
**^/^YYYYB15002011	B15002011	High school graduate, GED, or alternative

**^ ^ ^ YYYYB15002012	B15002012	Some college, less than 1 year
**^ ^ ^ YYYYB15002013	B15002013	Some college, 1 or more years, no degree
**^ ^ ^ YYYYB15002014	B15002014	Associate's degree
**^ ^ ^ YYYYB15002015	B15002015	Bachelor's degree
**^ ^ ^ YYYYB15002016	B15002016	Master's degree
**^ ^ ^ YYYYB15002017	B15002017	Professional school degree
**^ ^ ^ YYYYB15002018	B15002018	Doctorate degree
**^ ^ ^ YYYYB15002019	B15002019	Female:
**^ ^ ^ YYYYB15002020	B15002020	No schooling completed
**^ ^ ^ YYYYB15002021	B15002021	Nursery to 4th grade
**^ ^ ^ YYYYB15002022	B15002022	5th and 6th grade
**^ ^ ^ YYYYB15002023	B15002023	7th and 8th grade
**^ ^ ^ YYYYB15002024	B15002024	9th grade
**^ ^ ^ YYYYB15002025	B15002025	10th grade
**^ ^ ^ YYYYB15002026	B15002026	11th grade
**^ ^ ^ YYYYB15002027	B15002027	12th grade, no diploma
**^ ^ ^ YYYYB15002028	B15002028	High school graduate, GED, or alternative
**^ ^ ^ YYYYB15002029	B15002029	Some college, less than 1 year
**^ ^ ^ YYYYB15002030	B15002030	Some college, 1 or more years, no degree
**^ ^ ^ YYYYB15002031	B15002031	Associate's degree
**^ ^ ^ YYYYB15002032	B15002032	Bachelor's degree
**^ ^ ^ YYYYB15002033	B15002033	Master's degree
**^ ^ ^ YYYYB15002034	B15002034	Professional school degree
**^ ^ ^ YYYYB15002035	B15002035	Doctorate degree

		"MEDIAN HOUSEHOLD INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)"
		Universe: Households
**^/^YYYYB19013001	B19013001	Median household income in the past 12 months (in 2012 inflation-adjusted dollars)
		"SOCIAL SECURITY INCOME IN THE PAST 12 MONTHS FOR HOUSEHOLDS"
		Universe: Households
**^/^YYYYB19055001	B19055001	Total:
**^/^YYYYB19055002	B19055002	With Social Security income
**^/^YYYYB19055003	B19055003	No Social Security income
		"SUPPLEMENTAL SECURITY INCOME (SSI) IN THE PAST 12 MONTHS FOR HOUSEHOLDS"
		Universe: Households
**^/^YYYYB19056001	B19056001	Total:
**^/^YYYYB19056002	B19056002	With Supplemental Security Income (SSI)
**^/^YYYYB19056003	B19056003	No Supplemental Security Income (SSI)
		"PUBLIC ASSISTANCE INCOME IN THE PAST 12 MONTHS FOR HOUSEHOLDS"
		Universe: Households
**^/^YYYYB19057001	B19057001	Total:
**^/^YYYYB19057002	B19057002	With public assistance income
**^/^YYYYB19057003	B19057003	No public assistance income

		"PUBLIC ASSISTANCE INCOME OR FOOD STAMPS/SNAP IN THE PAST 12 MONTHS FOR HOUSEHOLDS"
		Universe: Households
**^/^YYYYB19058001	B19058001	Total:
**^/^YYYYB19058002	B19058002	With cash public assistance or Food Stamps/SNAP
**^/^YYYYB19058003	B19058003	No cash public assistance or Food Stamps/SNAP
		"AGGREGATE PUBLIC ASSISTANCE INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS) FOR HOUSEHOLDS"
		Universe: Households
**^/^YYYYB19067001	B19067001	"Aggregate public assistance income in the past 12 months (in 2012 inflation-adjusted dollars)"
		"FAMILY INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-ADJUSTED DOLLARS)"
		Universe: Families
**^/^YYYYB19101001	B19101001	Total:
**^/^YYYYB19101002	B19101002	Less than \$10,000
**^/^YYYYB19101003	B19101003	\$10,000 to \$14,999
**^/^YYYYB19101004	B19101004	\$15,000 to \$19,999
**^/^YYYYB19101005	B19101005	\$20,000 to \$24,999
**^/^YYYYB19101006	B19101006	\$25,000 to \$29,999
**^/^YYYYB19101007	B19101007	\$30,000 to \$34,999
**^/^YYYYB19101008	B19101008	\$35,000 to \$39,999
**^/^YYYYB19101009	B19101009	\$40,000 to \$44,999
**^/^YYYYB19101010	B19101010	\$45,000 to \$49,999

**^/^YYYYB19101011	B19101011	\$50,000 to \$59,999
**^/^YYYYB19101012	B19101012	\$60,000 to \$74,999
**^/^YYYYB19101013	B19101013	\$75,000 to \$99,999
**^/^YYYYB19101014	B19101014	\$100,000 to \$124,999
**^/^YYYYB19101015	B19101015	\$125,000 to \$149,999
**^/^YYYYB19101016	B19101016	\$150,000 to \$199,999
**^/^YYYYB19101017	B19101017	\$200,000 or more

"SEX BY WORK EXPERIENCE IN THE PAST 12 MONTHS BY
INCOME IN THE PAST 12 MONTHS (IN 2012 INFLATION-
ADJUSTED

DOLLARS) FOR THE POPULATION 15 YEARS AND OVER"

Universe: Population 15 years and over

**^/^YYYYB19325001	B19325001	Total:
**^/^YYYYB19325002	B19325002	Male:
**^/^YYYYB19325003	B19325003	Worked full-time, year-round in the past 12 months:
**^/^YYYYB19325004	B19325004	No income
**^/^YYYYB19325005	B19325005	With income:
**^/^YYYYB19325006	B19325006	\$1 to \$2,499 or less
**^/^YYYYB19325007	B19325007	\$2,500 to \$4,999
**^/^YYYYB19325008	B19325008	\$5,000 to \$7,499
**^/^YYYYB19325009	B19325009	\$7,500 to \$9,999
**^/^YYYYB19325010	B19325010	\$10,000 to \$12,499
**^/^YYYYB19325011	B19325011	\$12,500 to \$14,999
**^/^YYYYB19325012	B19325012	\$15,000 to \$17,499
**^/^YYYYB19325013	B19325013	\$17,500 to \$19,999
**^/^YYYYB19325014	B19325014	\$20,000 to \$22,499

**^/^YYYYB19325015	B19325015	\$22,500 to \$24,999
**^/^YYYYB19325016	B19325016	\$25,000 to \$29,999
**^/^YYYYB19325017	B19325017	\$30,000 to \$34,999
**^/^YYYYB19325018	B19325018	\$35,000 to \$39,999
**^/^YYYYB19325019	B19325019	\$40,000 to \$44,999
**^/^YYYYB19325020	B19325020	\$45,000 to \$49,999
**^/^YYYYB19325021	B19325021	\$50,000 to \$54,999
**^/^YYYYB19325022	B19325022	\$55,000 to \$64,999
**^/^YYYYB19325023	B19325023	\$65,000 to \$74,999
**^/^YYYYB19325024	B19325024	\$75,000 to \$99,999
**^/^YYYYB19325025	B19325025	\$100,000 or more
**^/^YYYYB19325026	B19325026	Other:
**^/^YYYYB19325027	B19325027	No income
**^/^YYYYB19325028	B19325028	With income:
**^/^YYYYB19325029	B19325029	\$1 to \$2,499 or loss
**^/^YYYYB19325030	B19325030	\$2,500 to \$4,999
**^/^YYYYB19325031	B19325031	\$5,000 to \$7,499
**^/^YYYYB19325032	B19325032	\$7,500 to \$9,999
**^/^YYYYB19325033	B19325033	\$10,000 to \$12,499
**^/^YYYYB19325034	B19325034	\$12,500 to \$14,999
**^/^YYYYB19325035	B19325035	\$15,000 to \$17,499
**^/^YYYYB19325036	B19325036	\$17,500 to \$19,999
**^/^YYYYB19325037	B19325037	\$20,000 to \$22,499
**^/^YYYYB19325038	B19325038	\$22,500 to \$24,999
**^/^YYYYB19325039	B19325039	\$25,000 to \$29,999
**^/^YYYYB19325040	B19325040	\$30,000 to \$34,999
**^/^YYYYB19325041	B19325041	\$35,000 to \$39,999

**^/^YYYYB19325042	B19325042	\$40,000 to \$44,999
**^/^YYYYB19325043	B19325043	\$45,000 to \$49,999
**^/^YYYYB19325044	B19325044	\$50,000 to \$54,999
**^/^YYYYB19325045	B19325045	\$55,000 to \$64,999
**^/^YYYYB19325046	B19325046	\$65,000 to \$74,999
**^/^YYYYB19325047	B19325047	\$75,000 to \$99,999
**^/^YYYYB19325048	B19325048	\$100,000 or more
**^/^YYYYB19325049	B19325049	Female:
**^/^YYYYB19325050	B19325050	Worked full-time, year-round in the past 12 months:
**^/^YYYYB19325051	B19325051	No income
**^/^YYYYB19325052	B19325052	With income:
**^/^YYYYB19325053	B19325053	\$1 to \$2,499 or loss
**^/^YYYYB19325054	B19325054	\$2,500 to \$4,999
**^/^YYYYB19325055	B19325055	\$5,000 to \$7,499
**^/^YYYYB19325056	B19325056	\$7,500 to \$9,999
**^/^YYYYB19325057	B19325057	\$10,000 to \$12,499
**^/^YYYYB19325058	B19325058	\$12,500 to \$14,999
**^/^YYYYB19325059	B19325059	\$15,000 to \$17,499
**^/^YYYYB19325060	B19325060	\$17,500 to \$19,999
**^/^YYYYB19325061	B19325061	\$20,000 to \$22,499
**^/^YYYYB19325062	B19325062	\$22,500 to \$24,999
**^/^YYYYB19325063	B19325063	\$25,000 to \$29,999
**^/^YYYYB19325064	B19325064	\$30,000 to \$34,999
**^/^YYYYB19325065	B19325065	\$35,000 to \$39,999
**^/^YYYYB19325066	B19325066	\$40,000 to \$44,999
**^/^YYYYB19325067	B19325067	\$45,000 to \$49,999
**^/^YYYYB19325068	B19325068	\$50,000 to \$54,999

**^/^YYYYB19325069	B19325069	\$55,000 to \$64,999
**^/^YYYYB19325070	B19325070	\$65,000 to \$74,999
**^/^YYYYB19325071	B19325071	\$75,000 to \$99,999
**^/^YYYYB19325072	B19325072	\$100,000 or more
**^/^YYYYB19325073	B19325073	Other:
**^/^YYYYB19325074	B19325074	No income
**^/^YYYYB19325075	B19325075	With income:
**^/^YYYYB19325076	B19325076	\$1 to \$2,499 or loss
**^/^YYYYB19325077	B19325077	\$2,500 to \$4,999
**^/^YYYYB19325078	B19325078	\$5,000 to \$7,499
**^/^YYYYB19325079	B19325079	\$7,500 to \$9,999
**^/^YYYYB19325080	B19325080	\$10,000 to \$12,499
**^/^YYYYB19325081	B19325081	\$12,500 to \$14,999
**^/^YYYYB19325082	B19325082	\$15,000 to \$17,499
**^/^YYYYB19325083	B19325083	\$17,500 to \$19,999
**^/^YYYYB19325084	B19325084	\$20,000 to \$22,499
**^/^YYYYB19325085	B19325085	\$22,500 to \$24,999
**^/^YYYYB19325086	B19325086	\$25,000 to \$29,999
**^/^YYYYB19325087	B19325087	\$30,000 to \$34,999
**^/^YYYYB19325088	B19325088	\$35,000 to \$39,999
**^/^YYYYB19325089	B19325089	\$40,000 to \$44,999
**^/^YYYYB19325090	B19325090	\$45,000 to \$49,999
**^/^YYYYB19325091	B19325091	\$50,000 to \$54,999
**^/^YYYYB19325092	B19325092	\$55,000 to \$64,999
**^/^YYYYB19325093	B19325093	\$65,000 to \$74,999
**^/^YYYYB19325094	B19325094	\$75,000 to \$99,999
**^/^YYYYB19325095	B19325095	\$100,000 or more

"SEX BY AGE BY EMPLOYMENT STATUS FOR THE
POPULATION 16 YEARS AND OVER"

Universe: Population 16 years and over

**^/^YYYYB23001001	B23001001	Total:
**^/^YYYYB23001002	B23001002	Male:
**^/^YYYYB23001003	B23001003	16 to 19 years:
**^/^YYYYB23001004	B23001004	In labor force:
**^/^YYYYB23001005	B23001005	In Armed Forces
**^/^YYYYB23001006	B23001006	Civilian:
**^/^YYYYB23001007	B23001007	Employed
**^/^YYYYB23001008	B23001008	Unemployed
**^/^YYYYB23001009	B23001009	Not in labor force
**^/^YYYYB23001010	B23001010	20 and 21 years:
**^/^YYYYB23001011	B23001011	In labor force:
**^/^YYYYB23001012	B23001012	In Armed Forces
**^/^YYYYB23001013	B23001013	Civilian:
**^/^YYYYB23001014	B23001014	Employed
**^/^YYYYB23001015	B23001015	Unemployed
**^/^YYYYB23001016	B23001016	Not in labor force
**^/^YYYYB23001017	B23001017	22 to 24 years:
**^/^YYYYB23001018	B23001018	In labor force:
**^/^YYYYB23001019	B23001019	In Armed Forces
**^/^YYYYB23001020	B23001020	Civilian:
**^/^YYYYB23001021	B23001021	Employed
**^/^YYYYB23001022	B23001022	Unemployed
**^/^YYYYB23001023	B23001023	Not in labor force

**^/^YYYYB23001024	B23001024	25 to 29 years:
**^/^YYYYB23001025	B23001025	In labor force:
**^/^YYYYB23001026	B23001026	In Armed Forces
**^/^YYYYB23001027	B23001027	Civilian:
**^/^YYYYB23001028	B23001028	Employed
**^/^YYYYB23001029	B23001029	Unemployed
**^/^YYYYB23001030	B23001030	Not in labor force
**^/^YYYYB23001031	B23001031	30 to 34 years:
**^/^YYYYB23001032	B23001032	In labor force:
**^/^YYYYB23001033	B23001033	In Armed Forces
**^/^YYYYB23001034	B23001034	Civilian:
**^/^YYYYB23001035	B23001035	Employed
**^/^YYYYB23001036	B23001036	Unemployed
**^/^YYYYB23001037	B23001037	Not in labor force
**^/^YYYYB23001038	B23001038	35 to 44 years:
**^/^YYYYB23001039	B23001039	In labor force:
**^/^YYYYB23001040	B23001040	In Armed Forces
**^/^YYYYB23001041	B23001041	Civilian:
**^/^YYYYB23001042	B23001042	Employed
**^/^YYYYB23001043	B23001043	Unemployed
**^/^YYYYB23001044	B23001044	Not in labor force
**^/^YYYYB23001045	B23001045	45 to 54 years:
**^/^YYYYB23001046	B23001046	In labor force:
**^/^YYYYB23001047	B23001047	In Armed Forces
**^/^YYYYB23001048	B23001048	Civilian:
**^/^YYYYB23001049	B23001049	Employed
**^/^YYYYB23001050	B23001050	Unemployed

**^/^YYYYB23001051	B23001051	Not in labor force
**^/^YYYYB23001052	B23001052	55 to 59 years:
**^/^YYYYB23001053	B23001053	In labor force:
**^/^YYYYB23001054	B23001054	In Armed Forces
**^/^YYYYB23001055	B23001055	Civilian:
**^/^YYYYB23001056	B23001056	Employed
**^/^YYYYB23001057	B23001057	Unemployed
**^/^YYYYB23001058	B23001058	Not in labor force
**^/^YYYYB23001059	B23001059	60 and 61 years:
**^/^YYYYB23001060	B23001060	In labor force:
**^/^YYYYB23001061	B23001061	In Armed Forces
**^/^YYYYB23001062	B23001062	Civilian:
**^/^YYYYB23001063	B23001063	Employed
**^/^YYYYB23001064	B23001064	Unemployed
**^/^YYYYB23001065	B23001065	Not in labor force
**^/^YYYYB23001066	B23001066	62 to 64 years:
**^/^YYYYB23001067	B23001067	In labor force:
**^/^YYYYB23001068	B23001068	In Armed Forces
**^/^YYYYB23001069	B23001069	Civilian:
**^/^YYYYB23001070	B23001070	Employed
**^/^YYYYB23001071	B23001071	Unemployed
**^/^YYYYB23001072	B23001072	Not in labor force
**^/^YYYYB23001073	B23001073	65 to 69 years:
**^/^YYYYB23001074	B23001074	In labor force:
**^/^YYYYB23001075	B23001075	Employed
**^/^YYYYB23001076	B23001076	Unemployed
**^/^YYYYB23001077	B23001077	Not in labor force

****^/^YYYYB23001078** B23001078 70 to 74 years:

****^/^YYYYB23001079** B23001079 In labor force:

****^/^YYYYB23001080** B23001080 Employed

****^/^YYYYB23001081** B23001081 Unemployed

****^/^YYYYB23001082** B23001082 Not in labor force

****^/^YYYYB23001083** B23001083 75 years and over:

****^/^YYYYB23001084** B23001084 In labor force:

****^/^YYYYB23001085** B23001085 Employed

****^/^YYYYB23001086** B23001086 Unemployed

****^/^YYYYB23001087** B23001087 Not in labor force

****^/^YYYYB23001088** B23001088 Female:

****^/^YYYYB23001089** B23001089 16 to 19 years:

****^/^YYYYB23001090** B23001090 In labor force:

****^/^YYYYB23001091** B23001091 In Armed Forces

****^/^YYYYB23001092** B23001092 Civilian:

****^/^YYYYB23001093** B23001093 Employed

****^/^YYYYB23001094** B23001094 Unemployed

****^/^YYYYB23001095** B23001095 Not in labor force

****^/^YYYYB23001096** B23001096 20 and 21 years:

****^/^YYYYB23001097** B23001097 In labor force:

****^/^YYYYB23001098** B23001098 In Armed Forces

****^/^YYYYB23001099** B23001099 Civilian:

****^/^YYYYB23001100** B23001100 Employed

****^/^YYYYB23001101** B23001101 Unemployed

****^/^YYYYB23001102** B23001102 Not in labor force

****^/^YYYYB23001103** B23001103 22 to 24 years:

****^/^YYYYB23001104** B23001104 In labor force:

****^/^YYYYB23001105** B23001105 In Armed Forces

****^/^YYYYB23001106** B23001106 Civilian:

****^/^YYYYB23001107** B23001107 Employed

****^/^YYYYB23001108** B23001108 Unemployed

****^/^YYYYB23001109** B23001109 Not in labor force

****^/^YYYYB23001110** B23001110 25 to 29 years:

****^/^YYYYB23001111** B23001111 In labor force:

****^/^YYYYB23001112** B23001112 In Armed Forces

****^/^YYYYB23001113** B23001113 Civilian:

****^/^YYYYB23001114** B23001114 Employed

****^/^YYYYB23001115** B23001115 Unemployed

****^/^YYYYB23001116** B23001116 Not in labor force

****^/^YYYYB23001117** B23001117 30 to 34 years:

****^/^YYYYB23001118** B23001118 In labor force:

****^/^YYYYB23001119** B23001119 In Armed Forces

****^/^YYYYB23001120** B23001120 Civilian:

****^/^YYYYB23001121** B23001121 Employed

****^/^YYYYB23001122** B23001122 Unemployed

****^/^YYYYB23001123** B23001123 Not in labor force

****^/^YYYYB23001124** B23001124 35 to 44 years:

****^/^YYYYB23001125** B23001125 In labor force:

****^/^YYYYB23001126** B23001126 In Armed Forces

****^/^YYYYB23001127** B23001127 Civilian:

****^/^YYYYB23001128** B23001128 Employed

****^/^YYYYB23001129** B23001129 Unemployed

****^/^YYYYB23001130** B23001130 Not in labor force

****^/^YYYYB23001131** B23001131 45 to 54 years:

**^/^YYYYB23001132	B23001132	In labor force:
**^/^YYYYB23001133	B23001133	In Armed Forces
**^/^YYYYB23001134	B23001134	Civilian:
**^/^YYYYB23001135	B23001135	Employed
**^/^YYYYB23001136	B23001136	Unemployed
**^/^YYYYB23001137	B23001137	Not in labor force
**^/^YYYYB23001138	B23001138	55 to 59 years:
**^/^YYYYB23001139	B23001139	In labor force:
**^/^YYYYB23001140	B23001140	In Armed Forces
**^/^YYYYB23001141	B23001141	Civilian:
**^/^YYYYB23001142	B23001142	Employed
**^/^YYYYB23001143	B23001143	Unemployed
**^/^YYYYB23001144	B23001144	Not in labor force
**^/^YYYYB23001145	B23001145	60 and 61 years:
**^/^YYYYB23001146	B23001146	In labor force:
**^/^YYYYB23001147	B23001147	In Armed Forces
**^/^YYYYB23001148	B23001148	Civilian:
**^/^YYYYB23001149	B23001149	Employed
**^/^YYYYB23001150	B23001150	Unemployed
**^/^YYYYB23001151	B23001151	Not in labor force
**^/^YYYYB23001152	B23001152	62 to 64 years:
**^/^YYYYB23001153	B23001153	In labor force:
**^/^YYYYB23001154	B23001154	In Armed Forces
**^/^YYYYB23001155	B23001155	Civilian:
**^/^YYYYB23001156	B23001156	Employed
**^/^YYYYB23001157	B23001157	Unemployed
**^/^YYYYB23001158	B23001158	Not in labor force

**^/^YYYYB23001159	B23001159	65 to 69 years:
**^/^YYYYB23001160	B23001160	In labor force:
**^/^YYYYB23001161	B23001161	Employed
**^/^YYYYB23001162	B23001162	Unemployed
**^/^YYYYB23001163	B23001163	Not in labor force
**^/^YYYYB23001164	B23001164	70 to 74 years:
**^/^YYYYB23001165	B23001165	In labor force:
**^/^YYYYB23001166	B23001166	Employed
**^/^YYYYB23001167	B23001167	Unemployed
**^/^YYYYB23001168	B23001168	Not in labor force
**^/^YYYYB23001169	B23001169	75 years and over:
**^/^YYYYB23001170	B23001170	In labor force:
**^/^YYYYB23001171	B23001171	Employed
**^/^YYYYB23001172	B23001172	Unemployed
**^/^YYYYB23001173	B23001173	Not in labor force

TENURE

Universe: Occupied housing units

**^/^YYYYB25003001	B25003001	Total:
**^/^YYYYB25003002	B25003002	Owner occupied
**^/^YYYYB25003003	B25003003	Renter occupied

RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS

Universe: Population for whom poverty status is determined

**^/^YYYYC17002001	C17002001	Total:
**^/^YYYYC17002002	C17002002	Under .50
**^/^YYYYC17002003	C17002003	.50 to .99

**^/^YYYYC17002004	C17002004	1.00 to 1.24
**^/^YYYYC17002005	C17002005	1.25 to 1.49
**^/^YYYYC17002006	C17002006	1.50 to 1.84
**^/^YYYYC17002007	C17002007	1.85 to 1.99
**^/^YYYYC17002008	C17002008	2.00 and over
		"SEX BY OCCUPATION FOR THE CIVILIAN EMPLOYED POPULATION
		16 YEARS AND OVER"
		Universe: Civilian employed population 16 years and over
**^/^YYYYC24010001	C24010001	Total:
**^/^YYYYC24010002	C24010002	Male:
**^/^YYYYC24010003	C24010003	Management, business, science, and arts occupations:
**^/^YYYYC24010004	C24010004	Management, business, and financial occupations:
**^/^YYYYC24010005	C24010005	Management occupations
**^/^YYYYC24010006	C24010006	Business and financial operations occupations
**^/^YYYYC24010007	C24010007	Computer, engineering, and science occupations:
**^/^YYYYC24010008	C24010008	Computer and mathematical occupations
**^/^YYYYC24010009	C24010009	Architecture and engineering occupations
**^/^YYYYC24010010	C24010010	Life, physical, and social science occupations
**^/^YYYYC24010011	C24010011	Education, legal, community service, arts, and media occupations:
**^/^YYYYC24010012	C24010012	Community and social service occupations
**^/^YYYYC24010013	C24010013	Legal occupations
**^/^YYYYC24010014	C24010014	Education, training, and library occupations
**^/^YYYYC24010015	C24010015	Arts, design, entertainment, sports, and media occupations
**^/^YYYYC24010016	C24010016	Healthcare practitioners and technical occupations:
**^/^YYYYC24010017	C24010017	Health diagnosing and treating practitioners and other technical occupations
**^/^YYYYC24010018	C24010018	Health technologists and technicians

**^/^YYYYC24010019	C24010019	Service occupations:
**^/^YYYYC24010020	C24010020	Healthcare support occupations
**^/^YYYYC24010021	C24010021	Protective service occupations:
**^/^YYYYC24010022	C24010022	"Fire fighting and prevention, and other protective service workers including supervisors"
**^/^YYYYC24010023	C24010023	Law enforcement workers including supervisors
**^/^YYYYC24010024	C24010024	Food preparation and serving related occupations
**^/^YYYYC24010025	C24010025	Building and grounds cleaning and maintenance occupations
**^/^YYYYC24010026	C24010026	Personal care and service occupations
**^/^YYYYC24010027	C24010027	Sales and office occupations:
**^/^YYYYC24010028	C24010028	Sales and related occupations
**^/^YYYYC24010029	C24010029	Office and administrative support occupations
**^/^YYYYC24010030	C24010030	Natural resources, construction, and maintenance occupations:
**^/^YYYYC24010031	C24010031	Farming, fishing, and forestry occupations
**^/^YYYYC24010032	C24010032	Construction and extraction occupations
**^/^YYYYC24010033	C24010033	Installation, maintenance, and repair occupations
**^/^YYYYC24010034	C24010034	Production, transportation, and material moving occupations:
**^/^YYYYC24010035	C24010035	Production occupations
**^/^YYYYC24010036	C24010036	Transportation occupations
**^/^YYYYC24010037	C24010037	Material moving occupations
**^/^YYYYC24010038	C24010038	Female:
**^/^YYYYC24010039	C24010039	Management, business, science, and arts occupations:
**^/^YYYYC24010040	C24010040	Management, business, and financial occupations:
**^/^YYYYC24010041	C24010041	Management occupations
**^/^YYYYC24010042	C24010042	Business and financial operations occupations
**^/^YYYYC24010043	C24010043	Computer, engineering, and science occupations:
**^/^YYYYC24010044	C24010044	Computer and mathematical occupations

**^/^YYYYC24010045	C24010045	Architecture and engineering occupations
**^/^YYYYC24010046	C24010046	Life, physical, and social science occupations
**^/^YYYYC24010047	C24010047	Education, legal, community service, arts, and media occupations:
**^/^YYYYC24010048	C24010048	Community and social service occupations
**^/^YYYYC24010049	C24010049	Legal occupations
**^/^YYYYC24010050	C24010050	Education, training, and library occupations
**^/^YYYYC24010051	C24010051	Arts, design, entertainment, sports, and media occupations
**^/^YYYYC24010052	C24010052	Healthcare practitioners and technical occupations:
**^/^YYYYC24010053	C24010053	Health diagnosing and treating practitioners and other technical occupations
**^/^YYYYC24010054	C24010054	Health technologists and technicians
**^/^YYYYC24010055	C24010055	Service occupations:
**^/^YYYYC24010056	C24010056	Healthcare support occupations
**^/^YYYYC24010057	C24010057	Protective service occupations:
**^/^YYYYC24010058	C24010058	"Fire fighting and prevention, and other protective service workers including supervisors"
**^/^YYYYC24010059	C24010059	Law enforcement workers including supervisors
**^/^YYYYC24010060	C24010060	Food preparation and serving related occupations
**^/^YYYYC24010061	C24010061	Building and grounds cleaning and maintenance occupations
**^/^YYYYC24010062	C24010062	Personal care and service occupations
**^/^YYYYC24010063	C24010063	Sales and office occupations:
**^/^YYYYC24010064	C24010064	Sales and related occupations
**^/^YYYYC24010065	C24010065	Office and administrative support occupations
**^/^YYYYC24010066	C24010066	Natural resources, construction, and maintenance occupations:
**^/^YYYYC24010067	C24010067	Farming, fishing, and forestry occupations
**^/^YYYYC24010068	C24010068	Construction and extraction occupations
**^/^YYYYC24010069	C24010069	Installation, maintenance, and repair occupations
**^/^YYYYC24010070	C24010070	Production, transportation, and material moving occupations:

**^/^YYYYC24010071	C24010071	Production occupations
**^/^YYYYC24010072	C24010072	Transportation occupations
**^/^YYYYC24010073	C24010073	Material moving occupations

APPENDIX B: PROJECTED COORDINATE SYSTEM INFORMATION:

NAD_1983_StatePlane_New_York_Long_Island_FIPS_3104_Feet
WKID: 2263 Authority: EPSG

Projection: Lambert_Conformal_Conic
False_Easting: 984250.0
False_Northing: 0.0
Central_Meridian: -74.0
Standard_Parallel_1: 40.66666666666666
Standard_Parallel_2: 41.03333333333333
Latitude_Of-Origin: 40.16666666666666
Linear Unit: Foot_US (0.3048006096012192)

Geographic Coordinate System: GCS_North_American_1983
Angular Unit: Degree (0.0174532925199433)
Prime Meridian: Greenwich (0.0)
Datum: D_North_American_1983
Spheroid: GRS_1980
Semimajor Axis: 6378137.0
Semiminor Axis: 6356752.314140356
Inverse Flattening: 298.257222101