Census Geographies





Fundamentals of - Census Geographies —

Census Geographic Entity Types

Legal/Administrative Areas

- Existence and boundaries officially prescribed through legal means to manage various programs
- Census Bureau generally accepts boundaries provided by official local entities

Statistical Entities

- Created based on the programmatic and analytical needs of data users for situations when geographic coverage of legal entities is inadequate
- Census Bureau cooperates with local entities to establish standards and boundaries

Census Geographic Entities

Geographic Area	Туре	Number
Nation	Legal	1
Regions	Statistical	4
Divisions	Statistical	9
States and Equivalent	Legal	57
Metropolitan Areas	Statistical	362
Urbanized Areas	Statistical	405
Counties and Equivalent	Legal	3248
County Subdivisions and Places	Mixed	60,228
Census Tracts	Statistical	62,276
Block Groups	Statistical	229,192
Blocks	Statistical	7,017,427
Special-Purpose Entities	Legal/Administrative	404,583

Unique Geographic Entity Codes

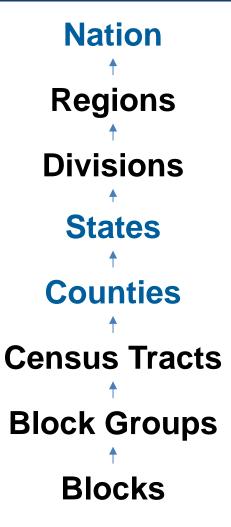
Federal Information Processing Standards (FIPS)

 Issued by the National Institute of Standards and Technology (NIST)

American National Standards Institute Codes (ANSI)

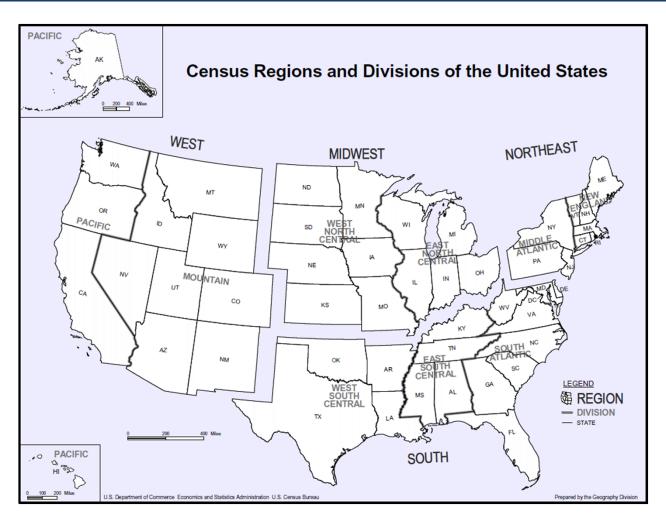
 Issued by the InterNational Committee for Information Technology Standards (INCITS)

Census Geographic Entities



Legal Statistical

Regions and Divisions



States and Equivalents

• Assigned a unique 2-digit code in alphabetical order (Texas = 48)

Statistical Equivalent Entities

- District of Columbia
- Puerto Rico
- American Samoa
- Commonwealth of the Northern Mariana Islands
- Guam
- U.S. Virgin Islands

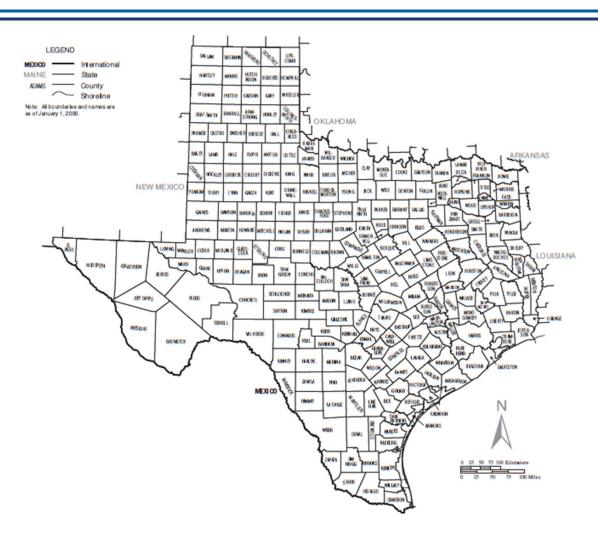
Counties and Equivalents

• Assigned a unique 3-digit code in alphabetical order within each state

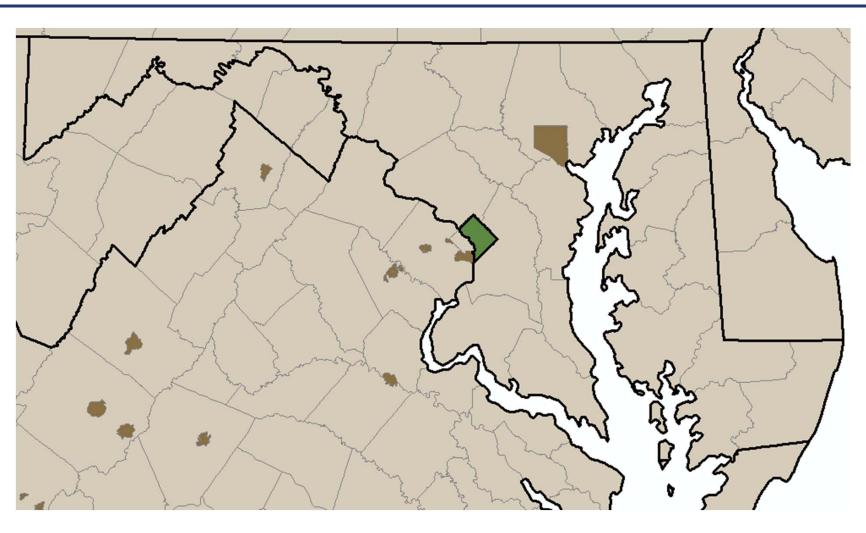
(Harris County = 201)

Geographic Entity	Туре
Counties	48 states
Parishes	Louisiana
Cities, Boroughs, Municipalities, and Census Areas	Alaska
Incorporated Places	MD, MO, NV, VA
District of Columbia and Guam	No subdivisions
Municipios	Puerto Rico
Islands and Districts	American Samoa
Municipalities	Northern Marianas
Islands	U.S. Virgin Islands

Counties in Texas



Counties in Washington, DC Region

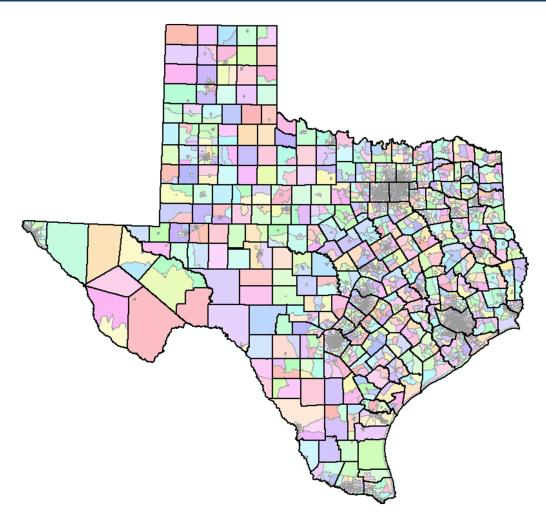


- Small, relatively permanent statistical subdivisions of a county
- Uniquely numbered in each county with a 6-digit numeric code XXXX.XX

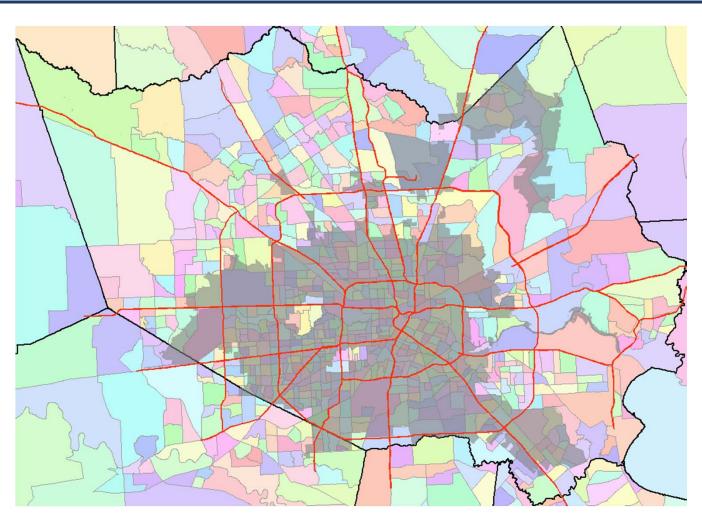
Target Population

- Optimum population = 4,000
- Minimum population = 1,200
- Maximum population = 8,000

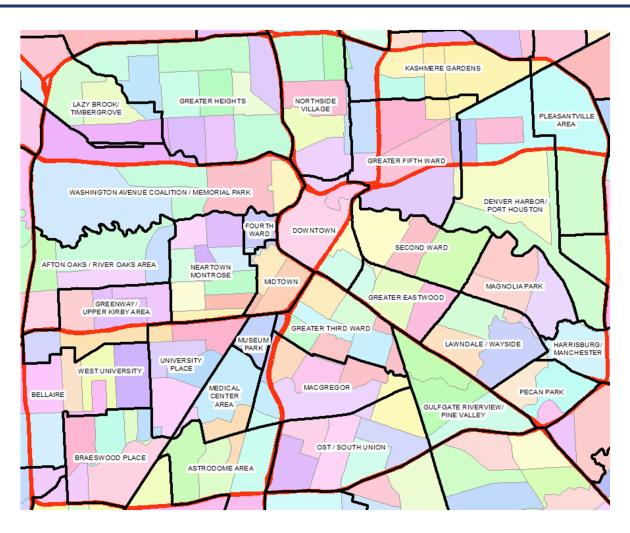
Census Tracts in Texas



Census Tracts in Harris County

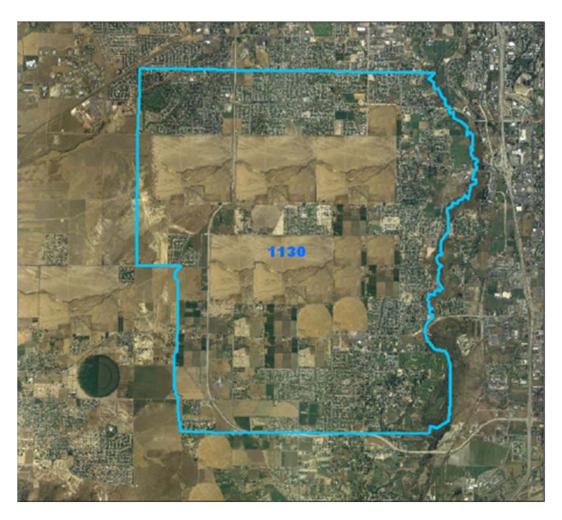


Census Tracts Inside the Loop

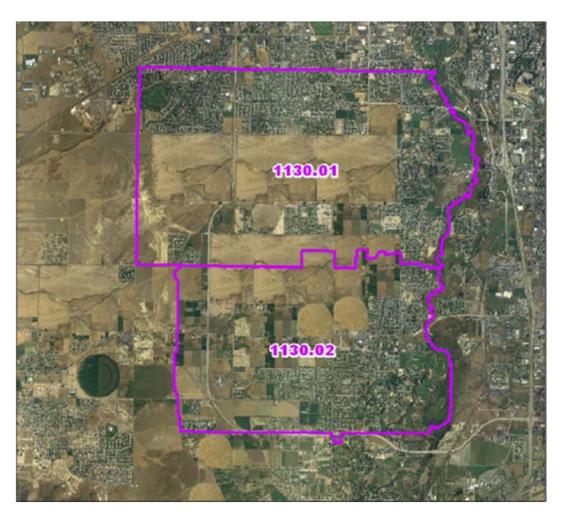


Updating Census Tracts

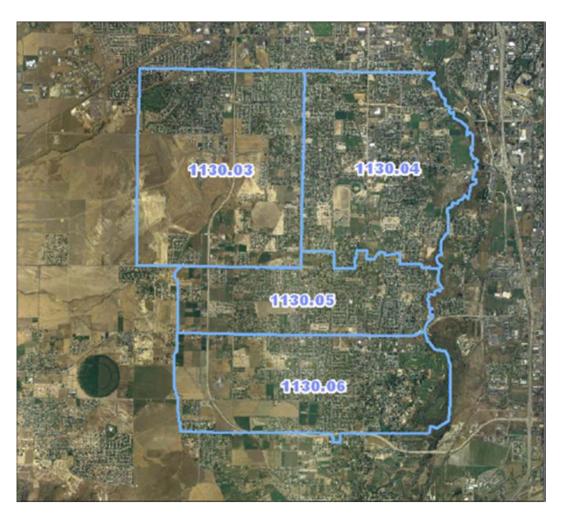
- Updated decennially through the Participant Statistical Areas Program (PSAP)
- Census tracts > 8,000 are split
- Census tracts < 1,200 are merged
- Small boundary revisions allowed as long as a large amount of the population in the tracts is not affected.
- All changes documented in Census Tract Relationship Files so data can be compared between decades.



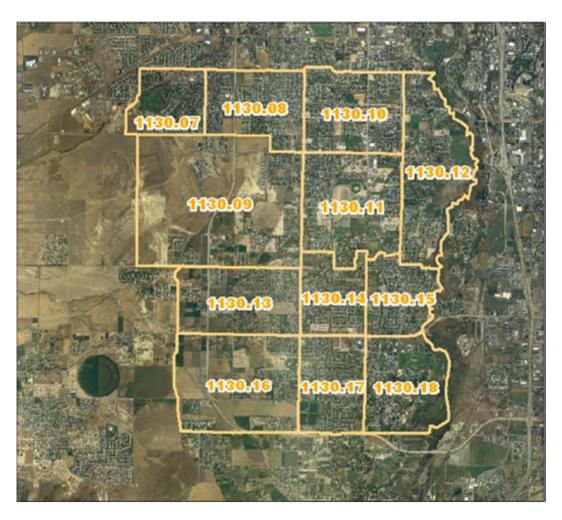
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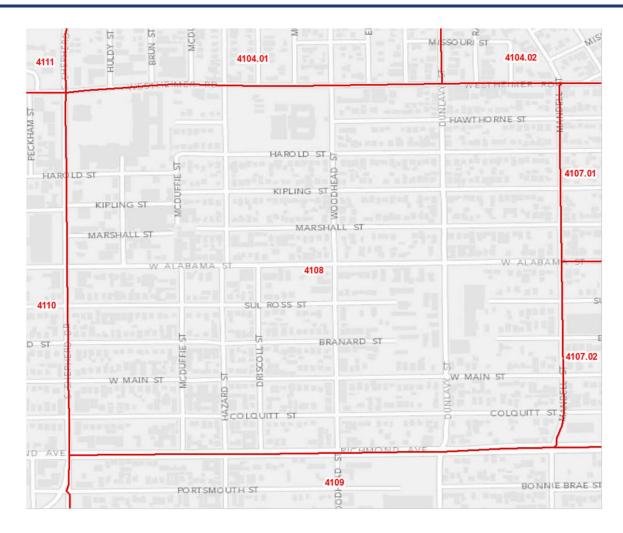


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Montrose Census Tracts



— Census Block Groups —

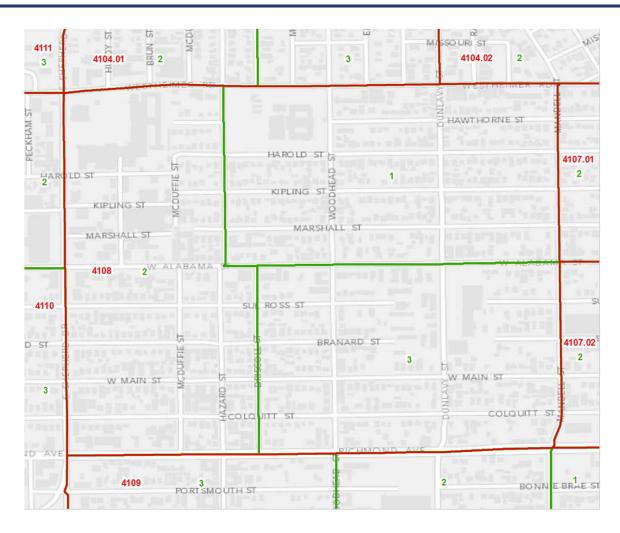
Census Block Groups

- Statistical subdivisions of a census tract
- Uniquely numbered 0-9 in each census tract

Target Population

- Optimum population = 1,500
- Minimum population = 600
- Maximum population = 3,000

Montrose Census Block Groups

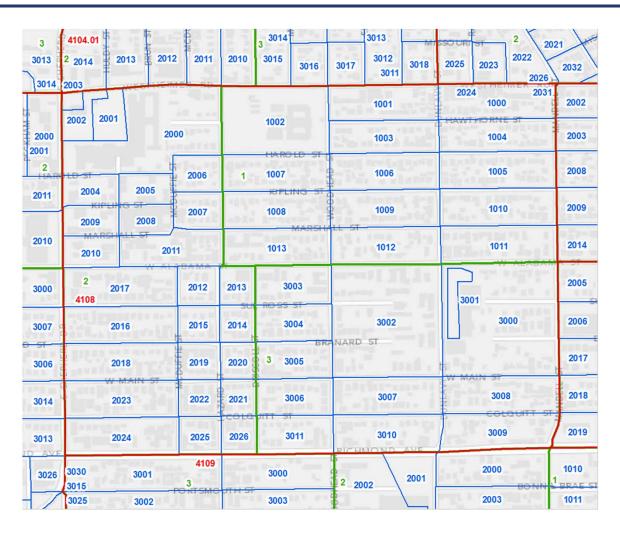


Census Blocks =

Census Blocks

- Smallest statistical subdivision
- Bounded by visible features and non-visible boundaries
- Uniquely numbered 0000-9999 in each census tract
- No population requirements

Montrose Census Blocks



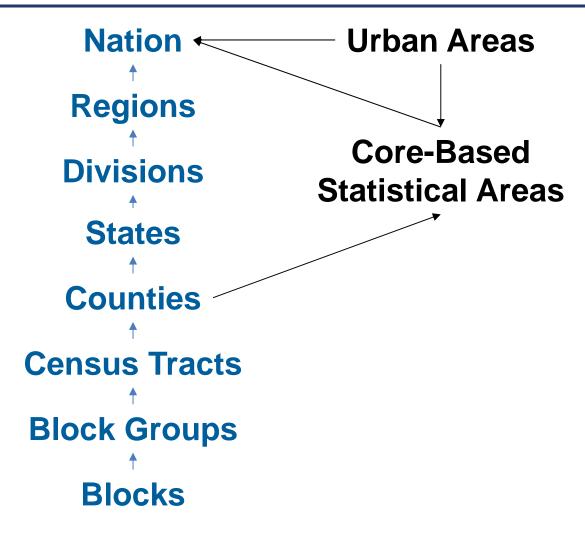
Example FIPS Codes

GEOID 482014106001018

- State 48 = Texas
- County 201 = Harris
- Census Tract 4106.00
- Block Group 1
- Block 1018

Nation Subdivisions —

Census Geographic Entities



Urban Areas (UAs)

Urbanized Areas (UAs)

 Densely developed territory with 50,000 people or more

Urban Clusters

• Densely developed territory with 2,500 to 50,000 people

Titles may contain up to 3 place names

Core Based Statistical Areas

2010 Geographic Entities	Туре
Core Based Statistical Areas (CBSAs)	Administrative
Metropolitan Statistical Areas	Administrative
Micropolitan Statistical Areas	Administrative
Combined Statistical Area (CSAs)	Administrative
Metropolitan Division	Administrative

Historic Geographic Entities	Туре
Primary Metropolitan Statistical Areas (PMSAs)	Administrative
Consolidated Metropolitan Statistical Areas (CMSAs)	Administrative

Core-Based Statistical Areas (CBSAs)

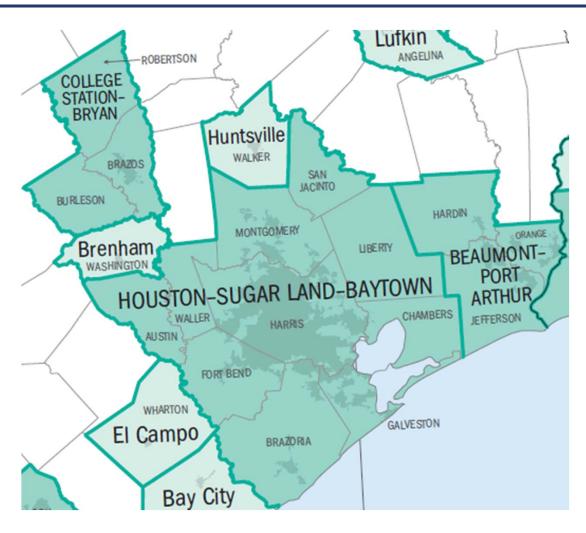
Metropolitan Statistical Area

• Contains at least one UA and > 50,000 people

Micropolitan Statistical Area

• Contains at least one UC and > 10,000 people

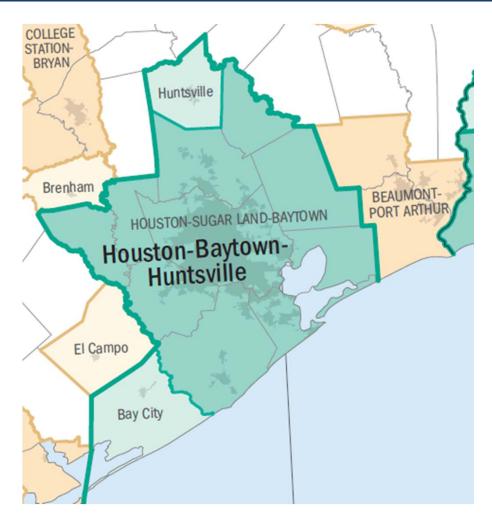
Core-Based Statistical Areas



Combined Statistical Areas (CSAs)

• Two or more adjacent CBSAs with substantial employment interchange

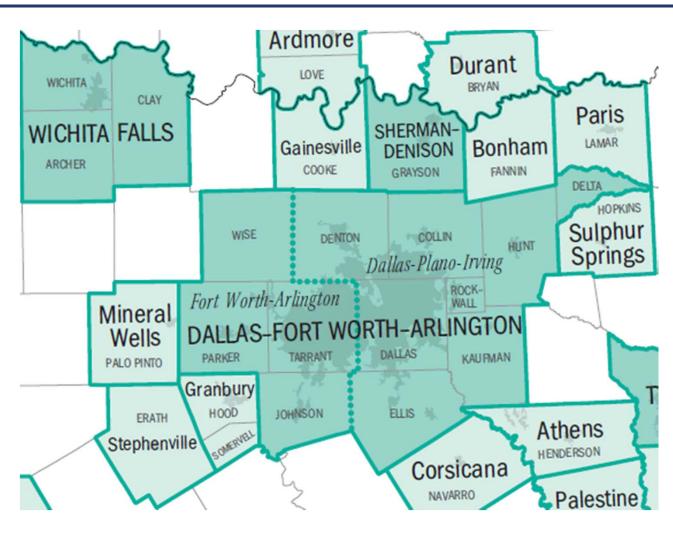
Combined Statistical Areas



Metropolitan Divisions

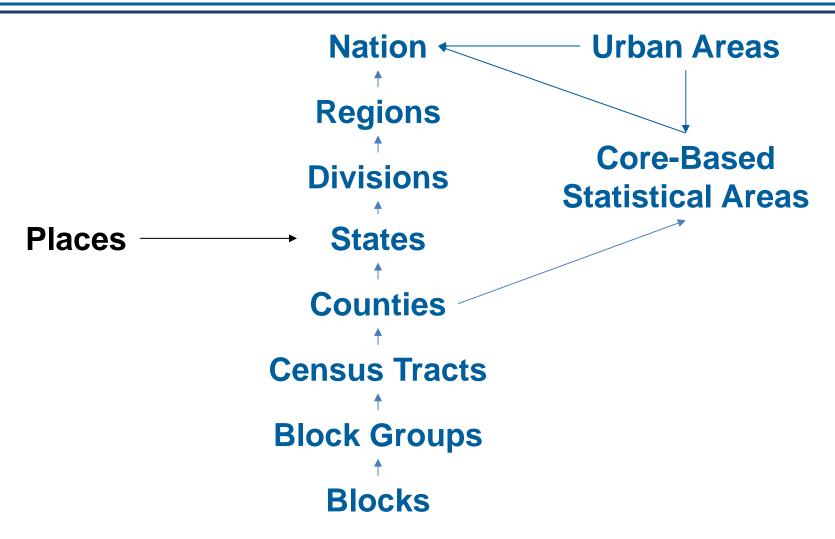
- Subdivisions of metropolitan statistical areas
- Population greater than 2.5 million

Metropolitan Divsions



State Subdivisions =

Census Geographic Entities



Places

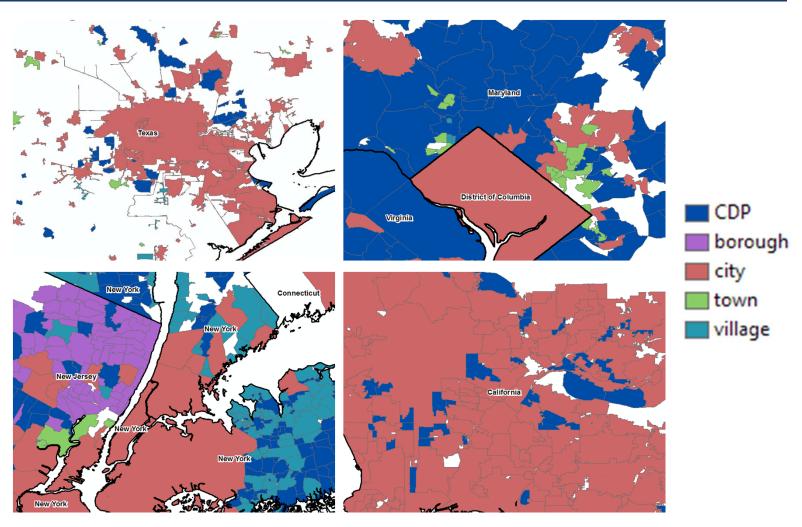
Incorporated Places

- Legally bounded entities established to provide governmental functions for a concentration of people
- Usually city, town, village, or borough

Census Designated Places (CDPs)

- Statistical entities derived by the Census Bureau
- Not legal boundaries
- Usually coincide with visible feature or adjacent legal boundaries

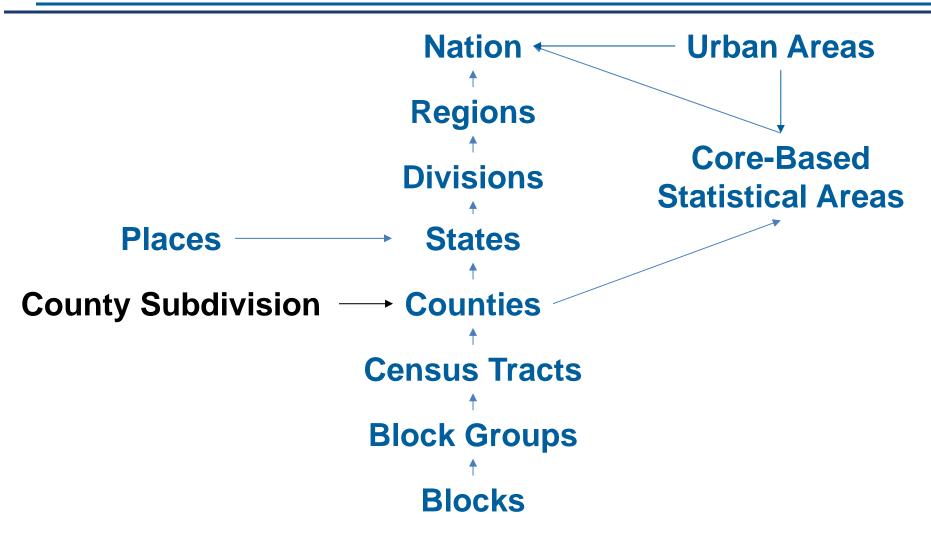
Places



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County Subdivisions —

Census Geographic Entities



County Subdivisions

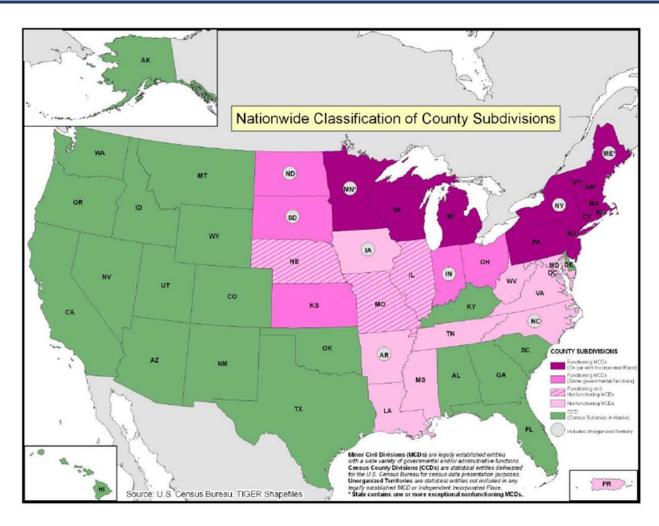
Minor Civil Divisions (MCDs)

- Legally bounded entities
- In 29 states
- May have a formal government with elected officials

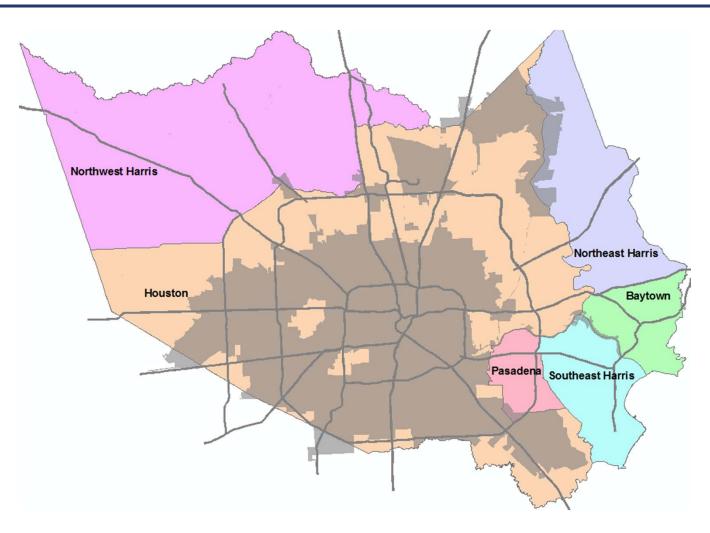
Census County Divisions (CCDs)

- Statistical entities derived by the Census Bureau
- Not legal boundaries

County Subdivision Classification



County Subdivisions in Harris County



— Special-Purpose Entities —

Special-Purpose Entities

Geographic Area	Туре	Number
Congressional Districts	Legal	435
Voting Districts (VTDs)	Legal	148,872
School Districts	Administrative	15,274
Traffic Analysis Zones (TAZs)	Administrative	200,000
ZIP Code Tabulation Areas (ZCTAs)	Administrative	40,000