



Mapping Tract Data in AFF

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NJ SDC Meeting, June 15, 2016

Many Censuses: 1890-1910

- Nat'l Census
- NY St. Census
- Church Groups

103 239

SCHEDULE I—Free Inhabitants in Springfield in the County of Sherburne State
of Maine enumerated by me, on the 7th day of December 1850. S. B. Loring Ass't Marshal 120

The Name of every Person whose usual place of abode on the first day of June, 1850, was in this family.			SEX AND AGE			PROFESSION, OCCUPATION, OR TRADE of such Male Persons over 15 years of age.		PLACE OF BIRTH, Naming the State, Territory, or Country.		Whether deaf and dumb, blind, insane, idiotic, pauper, or convict.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		George Walton	5	M				Ills				
		Abiel M. Walton	11	D				"				
		Samuel Walton	2	ll				"				
		Keodon Walton	7	ll				"				
1224	1224	Eliza Wood	42	ll		Pailler	800	England				
		Sarah Wood	16	W				"				
		Warwick M. Wood	14	D				Ills				
		A. A. Wood	12	D				"				
		Geo W. Wood	10	ll				"				
		Alphia Wood	7	D				"				
		Ed. W. Wood	5	ll				"				
		W. W. Wood	2	ll				"				
		Sarah Wiley	72	D				NY				
		Warwick Wiley	50	D				"				
		Jane Wrennady	60	D				"				
1225	1225	A. W. Wilmer	34	ll		Carpenter	1000	Pa				
		Martha Whitman	26	D				Eng				
		Mary E. Whitman	6	D				Eng				
1226	1226	Wm. J. Willard	64	ll		Merchant	1200	Pa				
		Elis. Willard	54	D				N.H.				
		W. Starchdole	28	ll		Clerk		England				
		Jane Starchdole	20	D				Ills				
		Robert Tallent	24	ll		Carpenter	200	Eng				
1227	1227	Lea Eastman	48	ll		Miller	5750	Me				
		Anna S. Eastman	8	D				Ills				
		Anna S. Eastman	37	D				Me				
		W. M. Eastman	32	D				"				
		Abby Keifner	22	D				Germany				
		George Eastman	35	ll		Teacher		Me				
		Wm. B. Bondy	29	ll		Merchant		NY				
1228	1228	Abraam Lincoln	40	ll		Att'y at Law		Eng				
		Mary Lincoln	28	D				"				
		Robert Lincoln	7	ll				Ills				
		Catharin Gordon	18	D				Ireland				
1229	1229	L. D. Spdycke	55	ll		Merchant	15000	Pa				
		Geo. Spdycke	10	ll				Ills				
		Charlotta Spdycke	10	D				"				
1230	1230	William Lowry	70	ll		none		Ireland				
		Eliza Lowry	60	D				Pa				

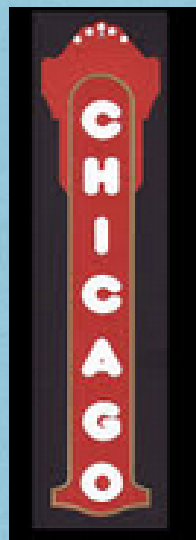
From Sanitary District to Census Tract:

- Dir. Federation of Churches
- Walter Laidlaw
- Devised Plan pre-1910
- C.B. accepted plan.



1910 Census

- NYC: 40-acre “districts”
- 7 Other cities (over 500K) get “tracts”
- Only NYC uses tract data



Census Bureau takes up the cause:

- mid 1920s – Chicago & Cleveland purchased data.
- Howard Whipple Green retrofits Cleveland 1927
- HWG Appointed chairman of Committee on Census Enumeration Areas
- 1930 – 18 Cities tracted



Nationwide Tracting

- 1940, Tract becomes an official 'entity'.
- 1940: 1st time tract Data is free to cities
- Publishes for cities >50,000
- Urban Areas created tract teams.
- Block Numbering Areas?



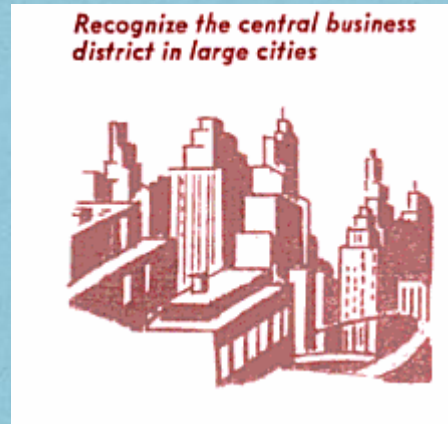
Population Characteristics of Tracts:

- Optimally 4000 people; range between 1200-8000.
- The optimal size for ACS data.
- Tracts are subdivided if population swells.



Geographic Characteristics of Tracts:

- originally created with biz districts in mind
- Do not cross county boundaries
- Do not cross MCD (Town/Twp) lines in NE.
- Do not cross CCD boundaries in SE & W.



Other Characteristics of Tracts:

- follow the built and natural environment
- Wall-to-wall, nationwide regardless of governmental boundaries.
- Temporal

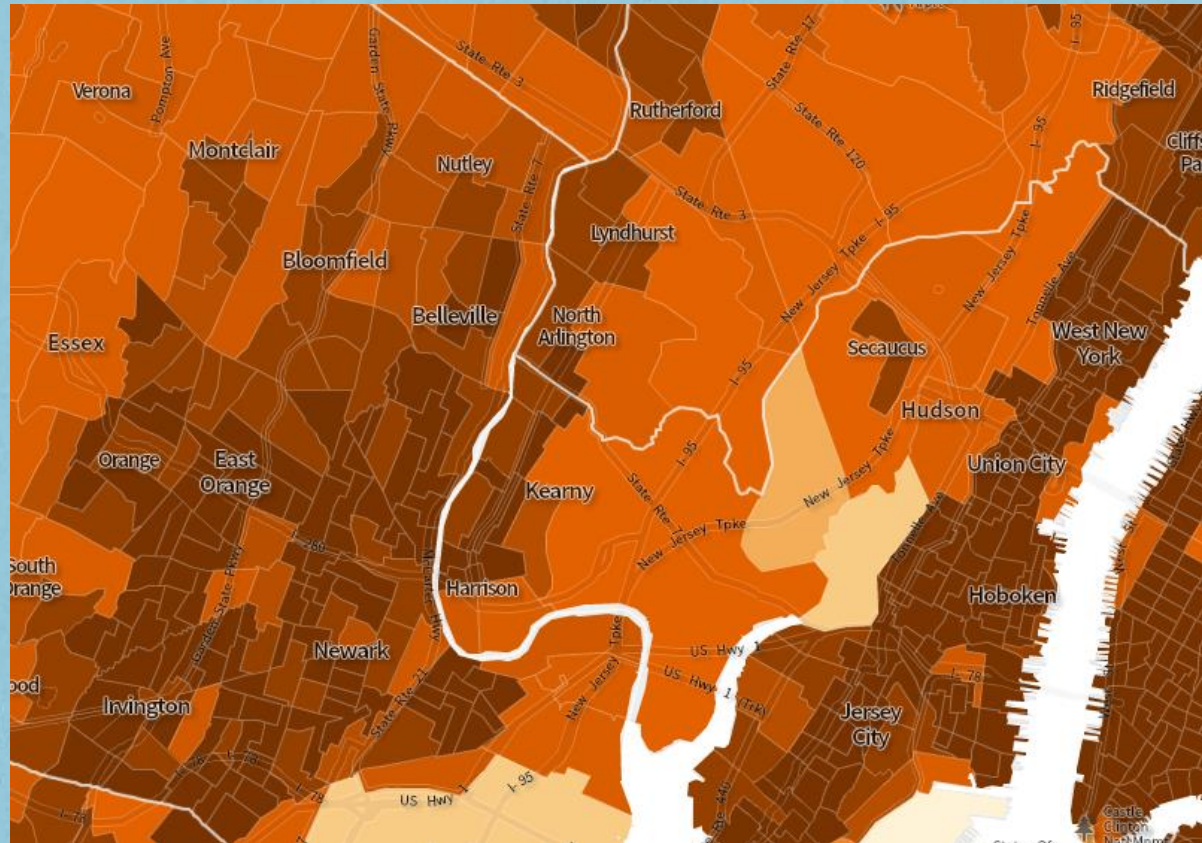


Image from sociaexplorer.org

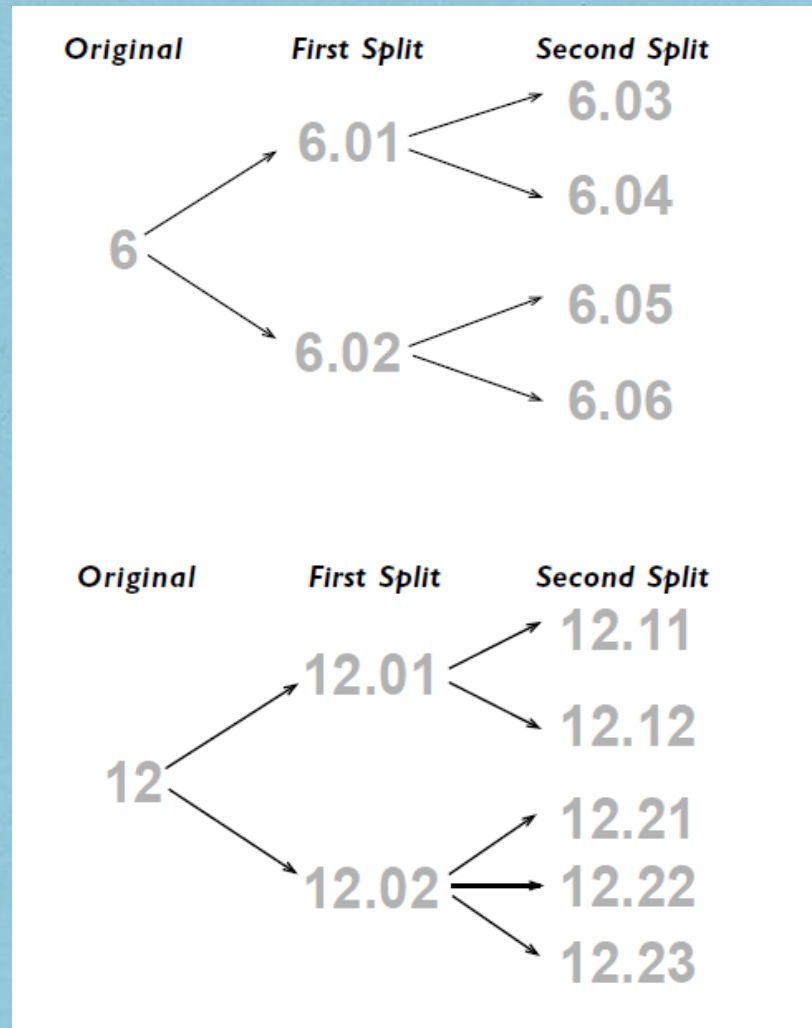
Characteristics of Tracts: numbering scheme.

- Subdivided if population increases, for example: Tract 20.00 becomes 20.01 and 20.02

- Numbers appear differently: 20, 002000 or 0020.00

- Recombining Tracts?

- How often?



Who maintains Census Tracts?

- Partnerships between Census Bureau & Local Government.
- Publicized by Census Bureau
- Once every ten years
- Small adjustments can be made.

BILLING CODE 3510-07-P

DEPARTMENT OF COMMERCE

Bureau of the Census

[Docket Number 070321065-7903-02]

Census Tract Program for the 2010 Decennial Census—Final Criteria

AGENCY: Bureau of the Census, Commerce.

ACTION: Notice of Final Criteria and Program Implementation.

SUMMARY: Census tracts are relatively permanent small-area geographic divisions of a county or statistically equivalent entity¹ defined for the tabulation and presentation of data from the decennial census and selected other statistical programs. Census tracts will also be used to tabulate and publish estimates from the American Community Survey (ACS)² after 2010.

¹ For the Census Bureau's purposes, the term "county" includes parishes in Louisiana; boroughs,

Participant Statistical Areas (PSAP). In addition, to the PSAP also encompasses update of block groups, designated places, and divisions (in selected states).
DATES: This notice's final effective on March 14, 2007.
FOR FURTHER INFORMATION: Geographic Standards and Branch, Geography Division, Census Bureau, via e-mail geo.psap.list@census.gov (301) 763-3056.

SUPPLEMENTARY INFORMATION

I. History of Census Tracts

In 1905, Dr. Walter Leitch introduced the concept of permanent geographic divisions. The concept was widely accepted with the 1910 Census. Baltimore, Philadelphia, and Louisville were the first territories to adopt the concept.

Where can you see your Census tracts?

TIGERWeb:

(http://tigerweb.geo.census.gov/tigerwebmain/tigerweb_main.html)

FEDERAL FINANCIAL INSTITUTIONS EXAMINATION COUNCIL

<https://geomap.ffiec.gov/FFIECGeocMap/GeocodeMap1.aspx>

American Factfinder Tips



-Search by
"Geographies"

American Factfinder Tips

-The 4 main "tabs":

List:

A drop-down method for finding your "area".

Name:

A key word search (The "filter-basket" method).

Address:

Look up a single address & its demographics

Map:

See a map of the area you select

The screenshot shows the 'Select Geographies' window with four tabs: List, Name, Address, and Map. The 'List' tab is selected. The interface includes a search bar at the top, a 'CLOSE X' button, and a section titled 'Select geographies to add to Your Selections'. Below this, there are two radio buttons for 'Select from:' (most requested geographic types and all geographic types), a dropdown menu for 'Select a geographic type:', and a helpful message: 'Didn't find your geographic type? Click the 'all geographic types' radio button above, or try the Name, Address or Map geography search options instead.' Handwritten arrows point from the text descriptions above to the corresponding tabs in the interface.

Select Geographies [CLOSE X]

List Name Address Map

Select geographies to add to Your Selections ?

Select from: most requested geographic types all geographic types

Select a geographic type:
-- select a geographic type --

Didn't find your geographic type? Click the 'all geographic types' radio button above, or try the Name, Address or Map geography search options instead.

2 Next, select **Geographies** (states, counties, cities, towns, etc.)

American Factfinder Tips

Search - Use the options on the left (topics, geographies, ...) to

Your Selections

Search using...

County
New York County, New York ✕

Census Tract
All Census Tracts within New York County, New York ✕

[clear all selections and start a new search](#)

Search using the options below:

Topics
(age, income, year, dataset, ...)

Geographies
(states, counties, places, ...)

Race and Ethnic Groups
(race, ancestry, tribe)

Industry Codes
(NAICS industry, ...)

Select Geographies

List Name Address

Enter a geography name or use the Geography Filter

Your Geography Filters

Search:
"New York County, New York" ✕

[clear all filters](#)

Geography Filter Options

Geographic Type

- County (256)
- City or Town (70)
- Township/Census County
- Division (1,501)

-Get items into your shopping basket!!

References & Further Reading:

Butler, J. 1997. "Protestant Success in the New American City, 1870-1920: The Anxious Secrets of Rev. Walter Laidlaw, Ph.D." in *New Directions in American Religious History*, Ed. Stout, H. & Hart, D.G. Oxford Univ. Press.

Green, H. W. "A Period of Great Growth and Development: 1926-1946" in *Proceedings of the National Geographic Areas Conference*; Issued Sept 1984, U.S. Census Bureau.

Krieger, N. 2006. "A Century of Census Tracts: health & the Body Politic (1906-2006)." *Journal of Urban Health: Bulletin of the New York Academy of Medicine*. V. 83, No. 3.

U.S. Census Bureau, 1966. *Census Tract Manual*.

U.S. Census Bureau, 1947. *Census Tract Manual, 3rd Ed.* [Available at: https://www.census.gov/history/www/programs/geography/tracts_and_block_numbering_areas.html]

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