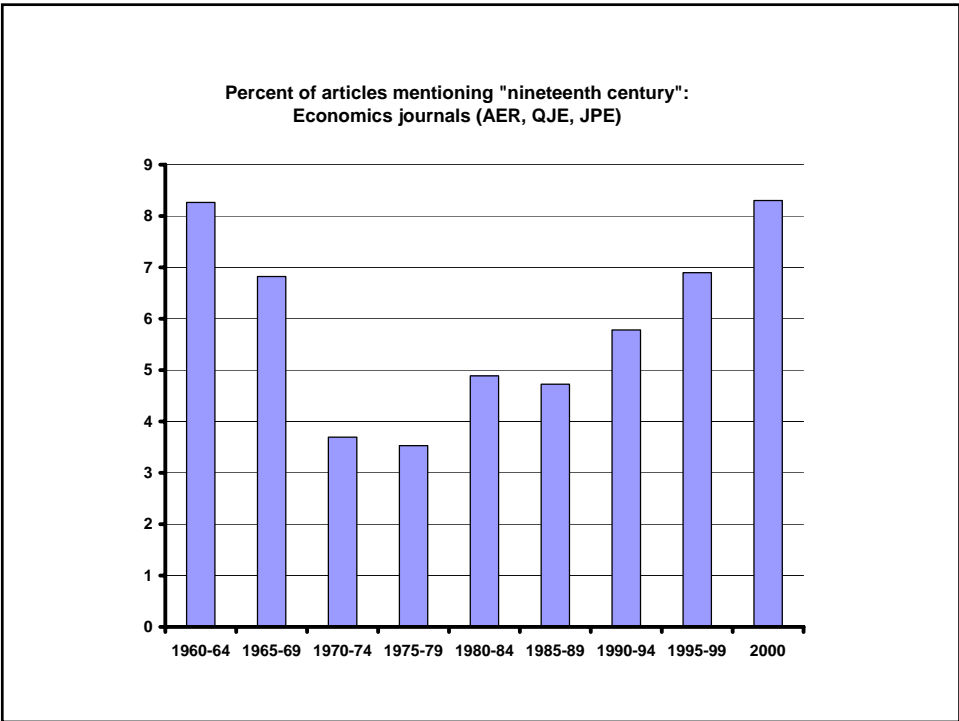
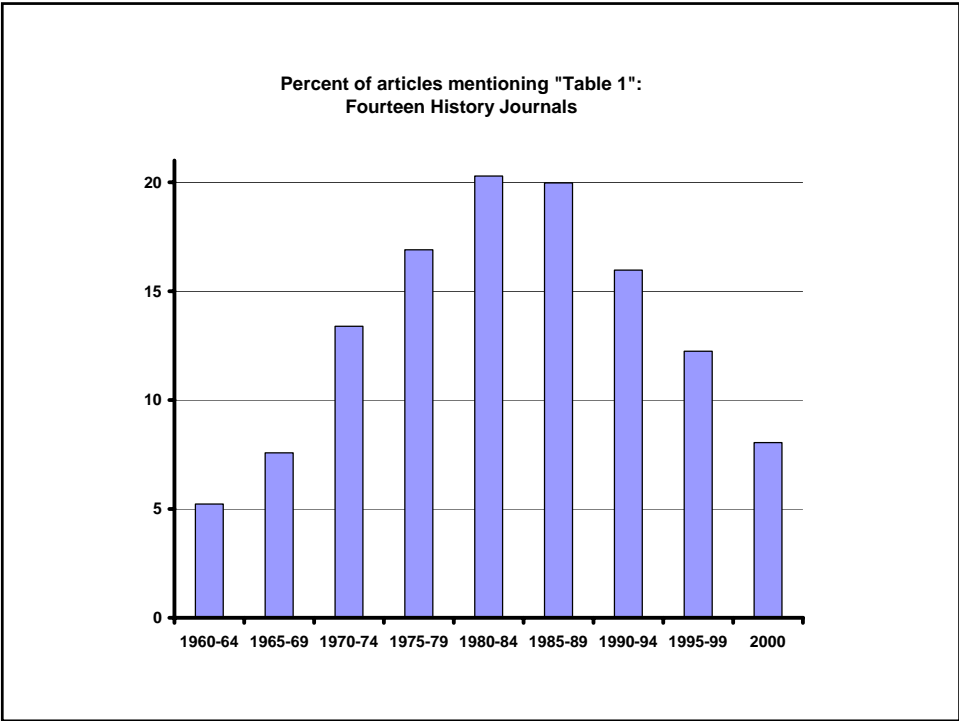


## Week 7 Sources and Methods

1. Quantitative Sources for History
2. Aggregate Data

### 1. Quantitative Historical Data Sources

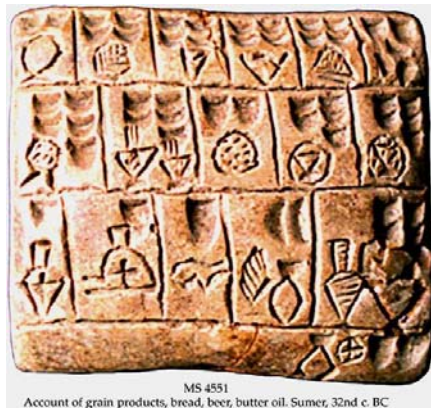
- Words
- Commercial records
- Legal Records
- Institutional records
- Surveys
- Government records
- Genealogies and similar sources
- Church records



## Analyzing Words

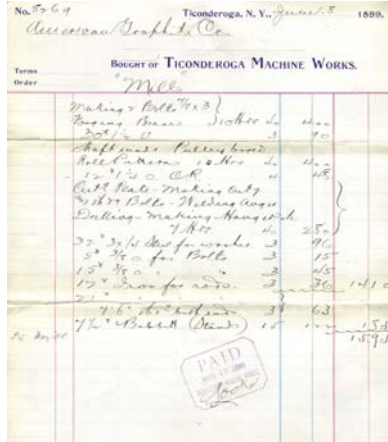
- Unit of analysis
- Explosion of potential source material
- Content analysis
  - <http://academic.csuohio.edu/kneuendorf/content/resources/TOC.htm>
  - Not just counting word frequencies

## Commercial Records



MS 4551  
Account of grain products, bread, beer, butter oil. Sumer, 32nd c. BC

# Commercial Records



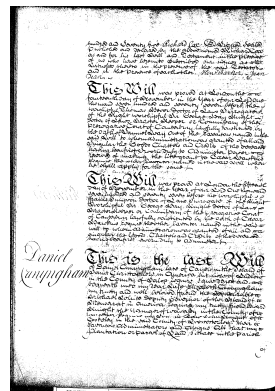
Receipts

Payroll

# Legal Records

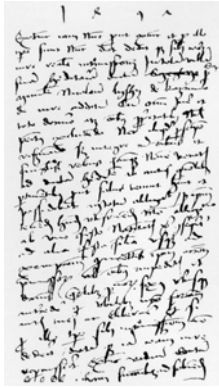


18<sup>th</sup> c. Probate Inventories

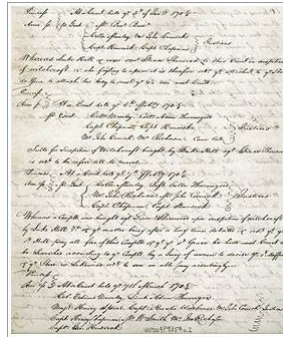


Medieval Wills

## Trial Transcripts

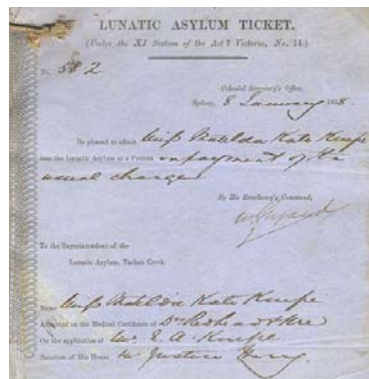


15<sup>th</sup> c. Croatia

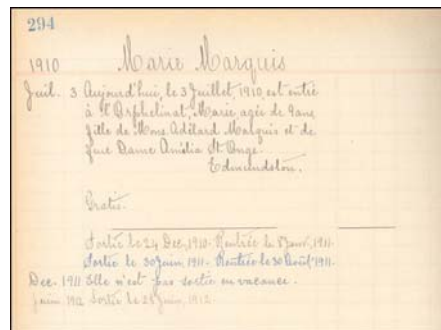


18<sup>th</sup> c. Virginia

## Institutional Records



Australian Lunatic Asylum  
Admissions Register



Canadian Orphanage Daily log

## Issues with Commercial/Legal/Institutional Records

- Representativeness issues
  - Survival
- Few well-documented clean datasets generally available—usually DIY
- Essential for history of the organizations (e.g. business history, legal history, asylum history)

## Survey Data

Carroll Wright



- Early labor force surveys (1896, 1916, state surveys)
- Public opinion surveys (beginning in 1930s)
- Modern academic/government surveys of social/demographic behavior, health, and income begin in late 1950s

## Government Records

The image shows a page from a handwritten record book, likely a ledger or a register. The page is filled with names and numbers arranged in columns. The names are written in cursive, and the numbers are written in a simple, legible hand. The page is numbered '12' in the top right corner and '398' on the right side. The names listed include:

Name	1	2	3	4	5	6	7	8	9	10
Daniel Harrison	1	X								
John Wirt Sen	2		2							
John Gregory Jr	X									
John A. White										
Matthew Lee	2									
Richard Gregory	3									
Stephen Callahan	2									
Benjamin Bennett	1									
John Smith	1									
William Smith	1									
Thomas Smith	1									
William Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									
John Smith	2									

## Government Records

- Administrative (military, tax)
  - Available from ancient times
  - Usually non-representative
  - Often have little demographic information
- Statistical
  - Vital Statistics: Births, Deaths, Marriages
  - Censuses and Surveys
  - Both sources begin in the early-to-mid nineteenth century in most NW European countries

## Genealogies and Biographical Data

- Peerage/aristocratic records
  - Widely available in Asia, Europe
  - Nonrepresentative
  - Scrubbed of illegitimate descendants
- Genealogies
  - Potential fertility and class selection biases
- Biographical dictionaries
  - Legislators
  - College Students

*the kept in the family - E.S.S.*  
THE *7. volumes*  
**PEERAGE OF IRELAND:**  
OR,  
A GENEALOGICAL HISTORY  
OF THE  
**PRESENT NOBILITY**  
OF THAT  
**KINGDOM.**

WITH ENGRAVINGS OF THEIR PATERNAL COATS OF ARMS.

Collected from Public Records, authentic Manuscripts, approved Historians,  
well-attested Pedigrees, and personal Information.

By JOHN LODGE, Esq.

Deputy Keeper of the Records in Birmingham Tower, Deputy Clerk and  
Keeper of the Rolls, and Deputy Register of the Court of Prerogative.

REVISED, ENLARGED AND CONTINUED TO THE PRESENT TIME;

By MERVYN ARCHDALL, A. M.

SECTOR OF SLAWE IN THE DIOCESE OF MEATH, MEMBER OF THE ROYAL  
IRISH ACADEMY, AND AUTHOR OF THE MONASTICON HIBERNICUM.



Bafil, who succeeded, was Sheriff of the county of Rutland in 1605, and of Warwickshire in 1611; and marrying Elizabeth<sup>1</sup>, fourth and youngest daughter of Sir Walter Aston of Tixhall, in the county of Stafford, Knt. had issue three sons, and a daughter Dorothy, married to Sir Henry Arden of Cardworth, in Warwickshire, Knt. who left her a widow in 1616, and she dying in 1625, left one son Robert, who died unmarried at Oxford 22 August, 1643, and four daughters, Elizabeth, Judith, Dorothy, and Anne.—The sons of Bafil were, Sir William, created Earl of Denbigh; Sir Roger, on whom his father settled the manor of Barnakell, and other lands, in the county of Warwick, which had been given by Edward Aglionby, 8 May, 32 Eliz. to Michael Fielding, his father's brother, and his heirs, where he became seated, and died 30 December, 1643, leaving issue by Elizabeth, daughter of Sir Thomas Neale, of the county of Southampton, Knt. three sons and six daughters, viz. Bafil, his successor; George,

## GENEALOGY

---

STROBRIDGE

MORRISON OR MORISON

STRAWBRIDGE

---

BY

MRS. MARY STILES (PAUL) GUILD

1891

---

JOHN PICKENS<sup>3</sup>, son of MARGARET STROBRIDGE (6), was b. Oct. 10, 1765, in Middleborough (West Parish, now Lakeville), Mass.; m. May 23, 1788, JOANNA (or Anna as it appears in Middleborough Records) CLARK, who d. at Wilton, Me., to which place or vicinity, nearly all of her children, excepting Joanna, removed.

CHILDREN.

- 151\* i. RHODA<sup>4</sup>, b. Nov. 7, 1788; m. JOHN McCULLY.  
 152\* ii. JOHN, b. Feb. 4, 1790; m. MARY ANN RANDALL.  
 153\* iii. JOANNA, b. Oct. 13, 1791; m. CALEB TINKHAM.  
 154 iv. LEONARD, b. Oct. 3, 1793; m. VASHTI RANDALL, sister to his brother John's wife.  
 155 v. DAVID.  
 156 vi. EDITH, b. 1797; d. Feb. 2, 1798, æ. 9 mos.  
 157 vii. ELISHA, m. Widow HATHAWAY. Their son Elisha lives (1891) with a son in Worcester, Mass.  
 158\* viii. EDITH, m. ESEK RANDALL.

LIEUT. GEORGE PICKENS<sup>3</sup>, son of MARGARET STROBRIDGE (6), was b. Apr. 18, 1767, in Middleborough (West Parish, now Lakeville), Mass.; d. Apr. 2, 1849; m. (1), Jan. 23, 1794, his cousin POLLY, dau. of John and Ruth (Cushing) PICKENS; d. Aug. 19, 1805, æ. 37; m. (2), Nov. 27, 1806, ABIGAIL, dau. of Jonathan HARVEY, who d. July 13, 1839, æ. 69. An old account book once owned by Lieut. George Pickens, and dating back to 1728, is owned by his grandson, James P. Pierce of Lakeville.

CHILDREN BY FIRST MARRIAGE.

- 159\* i. LUCY<sup>4</sup>, b. June 10, 1795; m. SILAS KING (167).

## BIOGRAPHICAL SKETCHES

OF THE

## GRADUATES OF YALE COLLEGE

WITH

### Annals of the College History

VOL. IV.

JULY, 1778—JUNE, 1792

BY

FRANKLIN BOWDITCH DEXTER, LITT.D.

Franklin Bowditch Dexter,  
*Biographical Sketches of the Graduates of Yale College*

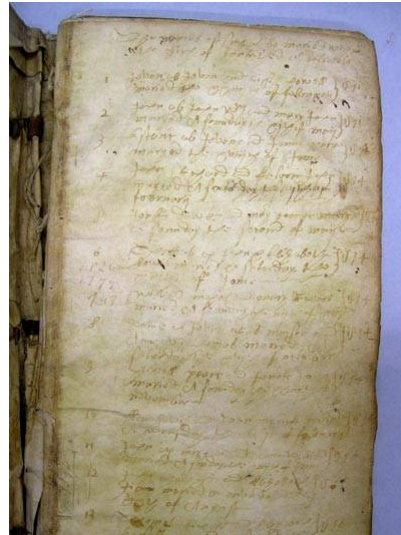
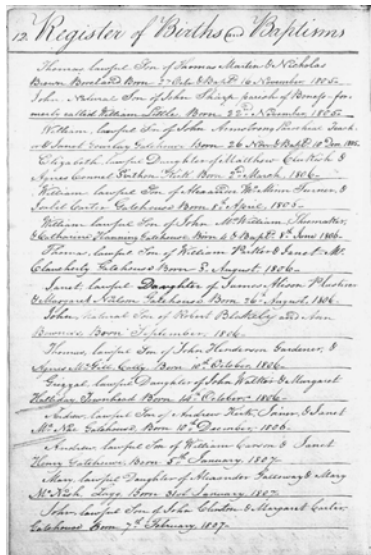
THOMAS BULL, the eldest child of Thomas Bull, a merchant of Hartford, Connecticut, and grandson of Captain Caleb and Martha (Cadwell) Bull, was born in Hartford on November 9, 1787. His mother was Ruth, daughter of Moses and Sarah (Howard) Butler, of East Hartford. His eldest sister married Richard E. Goodwin, of the next class.

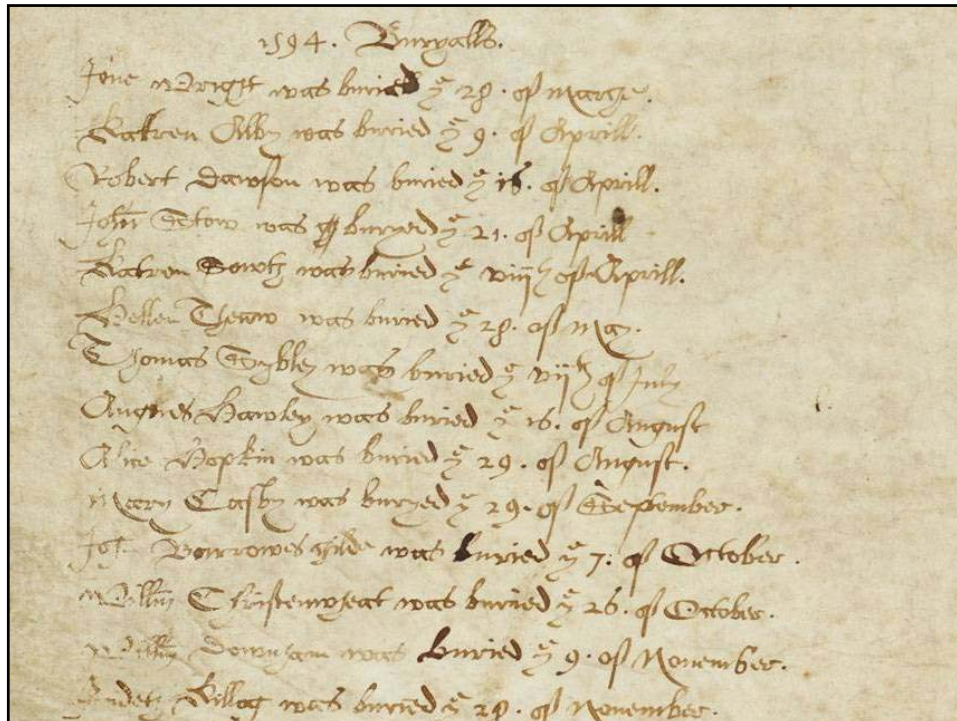
He was occupied after graduation in his father's store until he came of age, in November, 1808, when he sought his fortune in the Western Reserve of Ohio.

About 1824 he became Secretary of the Manhattan Insurance Company in New York, and he continued for many years to be engaged in the insurance business in that city, with his residence in Brooklyn, where he died on April 1, 1850, aged 62½ years.

He married Sarah Parsons Clark, the second daughter of Russell Clark, Junior, and Content (Ward) Clark, of New Haven, who was born in June, 1786, and survived him.

## Church Records





## Church Records

- Main source for preindustrial demographic analysis
  - Aggregate analysis
  - Family reconstitution

## 2. Aggregate Data and Microdata


### Microdata

- every record represents a separate person
- all of their individual characteristics are recorded
- users must manipulate the data themselves

### Aggregate data

- a table of deaths from the Bills of Mortality, 1664
- an occupation table from a published census volume from the library

*The Diseases and Casualties this Week.*

	Impothence	8
	Infans	22
	Kingevil	4
	Lethargy	1
	Livergrown	1
	Meagcome	1
	Pallie	1
	Plague	4237
	Purples	2
	Quinsie	5
	Rickets	23
	Riting of the Lights	18
	Rupture	1
	Scurvy	3
	Shingles	1
	Spotted Feaver	166
	Stilborn	4
	Stone	2
	Stopping of the stomach	17
	Strangury	3
	Suddenly	2
	Surfeit	74
	Teeth	111
	Thrush	6
	Tiffick	9
	Ulcer	1
	Vomiting	10
	Winde	4
	Wormes	20
A Bostive	4	
Aged	45	
Bleeding	1	
Broke her legge	1	
Broke her scull by a fall in the street at St. Mary VVool church	1	
Childbed	28	
Chrifomes	9	
Consumption	126	
Convulsion	89	
Cough	1	
Dropne	53	
Feaver	348	
Flox and Small-pox	11	
Flux	1	
Frighted	2	
Gowt	1	
Grief	3	
Gripping in the Guts	79	
Head-mould-rot	1	
Jaundies	7	
Christned	Males 90	Buried
	Females 81	Males 2777
	In all 171	Females 2791
		In all 5568
		Plague 4237
	Increased in the Burials this Week	249
	Parishes clear of the Plague	27
	Parishes Infected	103

*The Assize of Bread set forth by Order of the Lord Mayor and Courts of Aldermen,  
A penny Wheaten Loaf to contain Nine Ounces and a half, and three  
half-penny White Loaves the like weight.*

TABLE XLII.—ATTENDING SCHOOL IN THE UNITED STATES DURING THE YEAR, AS SHOWN IN THE  
SCHEDULE OF POPULATION.

STATES AND TERRITORIES.	WHITES.			FREE COLORED.			N
	Males.	Females.	Total.	Males.	Females.	Total.	
Maine.....	97,443	88,498	185,941	144	137	281	
New Hampshire.....	45,764	42,384	88,148	41	32	73	
Vermont.....	47,997	44,155	92,152	58	32	90	
Massachusetts.....	112,210	108,571	220,781	729	713	1,442	
Rhode Island.....	14,782	13,577	28,359	204	247	451	
Connecticut.....	42,457	39,976	82,433	639	575	1,214	
New York.....	336,692	331,372	668,064	2,840	2,607	5,447	
New Jersey.....	48,965	41,210	90,175	1,243	1,083	2,326	
Pennsylvania.....	263,451	234,660	498,111	3,385	3,114	6,499	
Delaware.....	7,632	6,584	14,216	92	95	187	
Maryland.....	32,214	28,223	60,437	886	730	1,616	
District of Columbia.....	3,137	2,896	6,033	232	235	467	
Virginia.....	59,294	50,507	109,801	37	27	64	
North Carolina.....	64,727	45,854	110,581	113	104	217	
South Carolina.....	21,738	18,555	40,293	54	26	80	
Georgia.....	42,365	34,650	77,015	1	.....	1	
Florida.....	2,545	2,201	4,746	29	37	66	
Alabama.....	34,125	28,653	62,778	33	35	68	
Mississippi.....	26,002	22,801	48,803	.....	590	1,219	
Louisiana.....	16,993	15,935	32,928	.....	.....	.....	
Texas.....	10,570	8,799	19,369	11	9	20	
Arkansas.....	19,918	10,422	30,340	6	5	11	
Tennessee.....	78,943	67,187	146,130	49	39	88	
Kentucky.....	69,783	61,134	130,917	128	160	288	
Missouri.....	51,146	44,009	95,155	23	17	40	
Illinois.....	97,245	84,724	181,969	162	161	323	
Indiana.....	119,496	100,538	220,034	484	443	927	
Ohio.....	270,254	242,624	512,878	1,321	1,210	2,531	
Michigan.....	55,546	50,208	105,754	166	161	327	
Wisconsin.....	29,099	27,258	56,357	32	35	67	
Iowa.....	18,677	16,779	35,456	12	5	17	
California.....	800	192	992	1	.....	1	
TERRITORIES.							
Minnesota.....	105	102	207	.....	2	2	
New Mexico.....	331	165	496	.....	.....	.....	
Oregon.....	1,016	859	1,875	.....	.....	.....	
Utah.....	1,113	922	2,035	.....	.....	.....	
Total.....	2,146,432	1,916,614	4,063,046	13,864	12,807	26,671	

[Historical Statistics of the United States](#)

[Historical Census Browser](#)



# NHGIS

National Historical Geographic Information System

search

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Home Shape Finder Data Finder Extract History Contact Us
Site Map Accessibility

<ul style="list-style-type: none"> <li>Home</li> <li>Project Information</li> <li>Mapping Data</li> <li>Statistical Data</li> <li>Documentation</li> <li>Research</li> <li>Contact Us</li> </ul>	<h2 style="margin: 0;">Welcome to NHGIS</h2> <p>The National Historical Geographic Information System (NHGIS) provides, free of charge, aggregate census data and GIS-compatible boundary files for the United States between 1790 and 2000. NHGIS offers the following options to obtain data:</p> <ul style="list-style-type: none"> <li>▪ The <a href="#">NHGIS Shape Finder</a> provides access to <a href="#">boundary files</a> for mapping data in a <a href="#">GIS software package</a>.</li> <li>▪ The <a href="#">NHGIS Data Finder</a> provides access to <a href="#">aggregate census data</a>.</li> <li>▪ <a href="#">Social Explorer</a> allows online mapping of NHGIS data</li> </ul> <p>Funding for the NHGIS provided by the <a href="#">National Science Foundation</a>.</p>	<p>news</p> <p><a href="#">NHGIS Updates</a> 2007-03-19</p> <p><a href="#">More news...</a></p>
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replay

## Social Explorer Census Reference 1940 to 2000

Median household income map

<h3 style="margin: 0;">Solutions and Products</h3> <p><b>About Social Explorer</b></p> <p>Social Explorer provides easy access to demographic information about the United States, from 1940 to 2000. To get started, select "Maps" or "Reports". <a href="#">read more</a></p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  <p>Maps <small>social explorer</small></p> </div> <div style="text-align: center;">  <p>Reports <small>social explorer</small></p> </div> </div> <p><b>Versions</b></p> <p><b>Public Edition</b></p> <p>We provide a free version of Social Explorer to general public. You may access it simply by going to our maps or reports section. There you will find thousands of maps and hundreds of reports with thousands of</p>	<h3 style="margin: 0;">News &amp; Announcements</h3> <div style="margin-bottom: 10px;">  <p><b>Updated Website</b> Significant upgrades made to the website. We hope you enjoy our new look and feel. <a href="#">read more</a></p> </div> <div style="margin-bottom: 10px;">  <p><b>Reporting and Data Download System Beta Released</b> Social Explorer to beta test a new reporting and data download system that will give users much greater flexibility in accessing demographic data.</p> </div> <div>  <p><b>Religion Data</b> Social Explorer partners with The Association of Religion Data Archives (ARDA) to deliver maps and reports</p> </div>	<h3 style="margin: 0;">Subscription Info.</h3> <p>Social Explorer offers a census reference solution that has never been possible before. <a href="#">read more</a></p> <ul style="list-style-type: none"> <li> Prices</li> <li> Free trial</li> <li><a href="#">Subscribe Now!</a></li> </ul> <hr/> <h3 style="margin: 0;">Help</h3> <p>Visit our animated training guides!</p> <ul style="list-style-type: none"> <li><a href="#">Maps Training Guide</a></li> <li><a href="#">Reports Training Guide</a></li> </ul>
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NYC 1910 - % Black



NYC 1920 - % Black





NYC 1930 - % Black



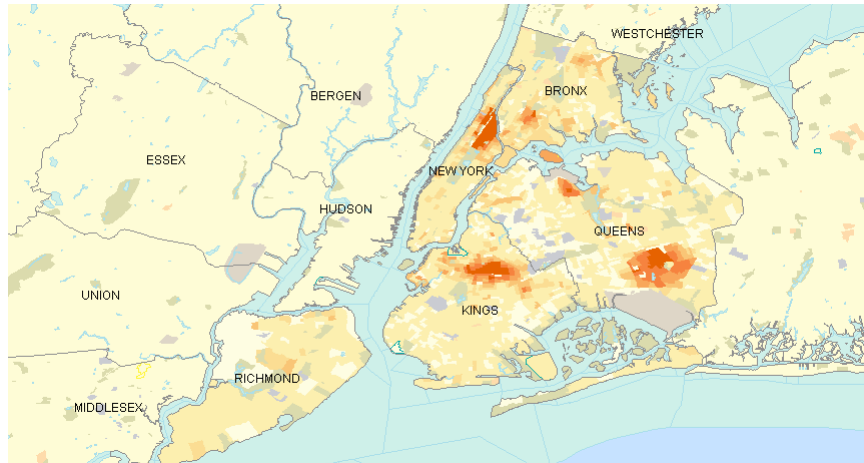
NYC 1940 - % Black



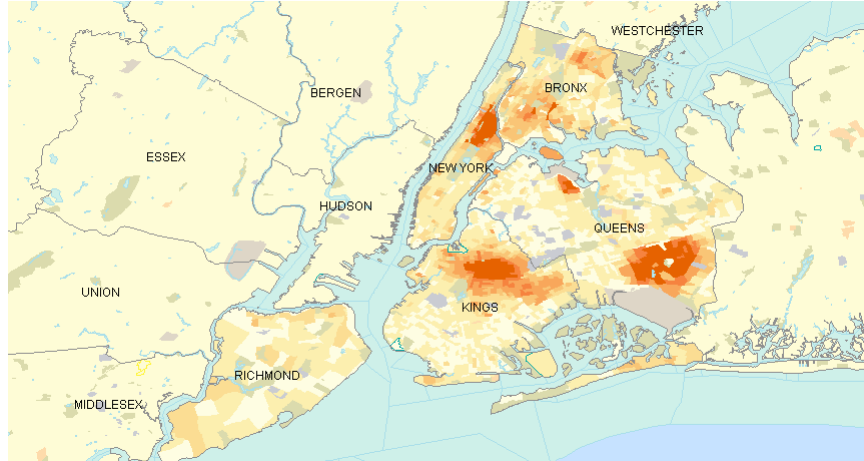
NYC 1950 - % Black



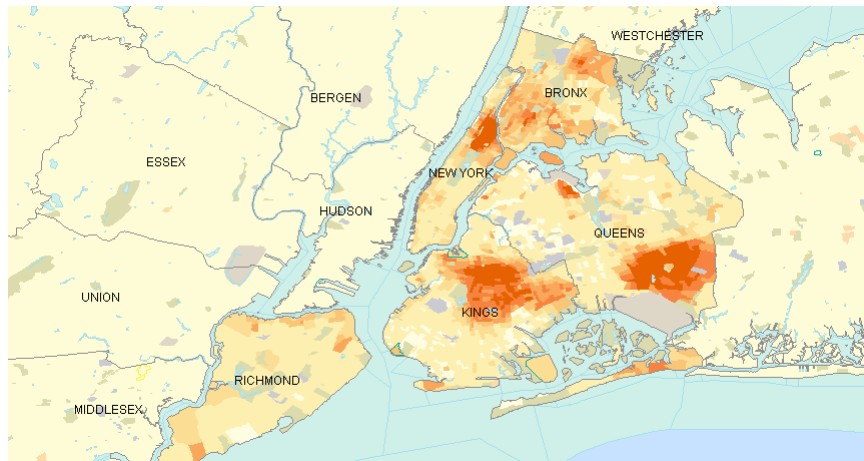
NYC 1960 - % Black



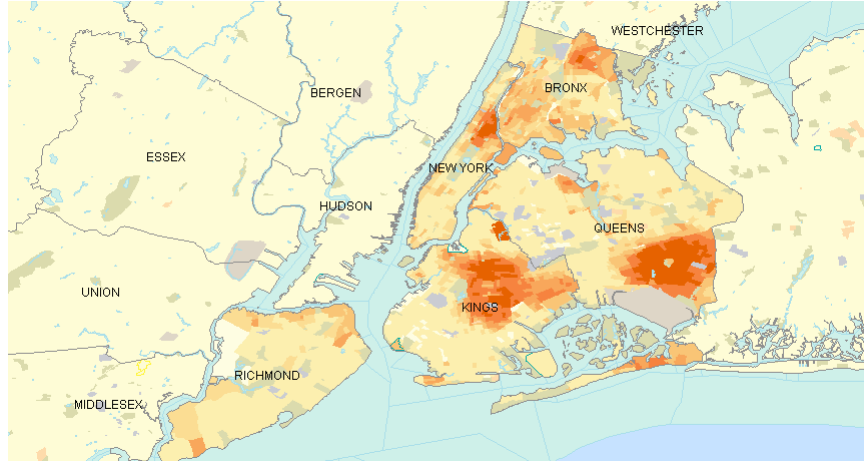
NYC 1970 - % Black



NYC 1980 - % Black



NYC 1990 - % Black



NYC 2000 - % Black

