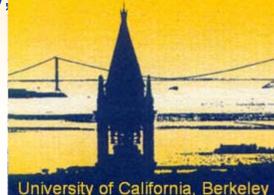
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- Fredric C. Gey
 - UC Data Archive & Technical Assistance.
 - University of California, Berkeley
 - http://ucdata.berkeley.edu/gey.html

• Funding sources

- Institute for Museum and Library Services Grants:
 - Seamless search of textual and numeric databases (1999-2002),
 - Going places in the catalog: Improved Geographic Access (2002-2004),
 - What Where, When and Why– support for the learner (2004-2006),
 - Bringing Lives to Light Biography in Context (2006-2008)
 - Context and Relationships Ireland and Irish Studies, (2007-2010)
 - Colleagues: Michael Buckland, Ray Larson, Kim Carl, Jeanette Zerneke, host of students including Ryan Shaw and Vivien Petras
 - Collaboration with Centre for Digitisation, Queens University,
 - Paul Ell, collaborating Pl



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- Cultural Heritage is usually thought of as the
 - History
 - Art
 - Music
 - Rituals of daily living

which make up the story of a people or a nation, BUT

- Social Statistics also tell a story about a country and culture, for example the
- USA as a "melting pot" of different cultures

Social Statistics as Cultural Heritage North America as a "Melting Pot"



- The USA (and, if you include Canada and Mexico) North America has a rich statistical history of immigration (not to mention the racial oppression of its native peoples) from 1500 until 1800
 - Spain (into the south [Mexico, Florida] and west [New Mexico, California]
 - France (into Quebec, Louisiana and later Mexico)
 - Netherlands (New Amsterdam later New York)
 - England (Canada, the original USA colonies)

Social Statistics as Cultural Heritage USA Immigration 1830-1910



- After 1800 until 1930, from
 - Ireland
 - Germany
 - Norway & Sweden
 - Italy
 - Russia and Eastern Europe
- After 1950 from
 - East Asia (China, Japan [mostly into Hawaii], Korea , Philippines)
 - Southeast Ásia (primarily Vietnam, but also Laos)
 - South Asia (mainly India)
- More recently from
 - Mexico and Central America into the USA
 - Middle East (Iran, Iraq, Israel)

Social Statistics as Cultural Heritage USA Immigration 1830-1910¹



- Immigration from Germany between 1850 and 1930 approximately five million Germans came to the USA
 - One million between 1881 and 1885
- Immigration from Ireland during the same period of time (1850-1930) four and one half million Irish left Ireland for the USA –
 - The Irish Potato Famine 1845-1852 alone drove one million Irish to leave.

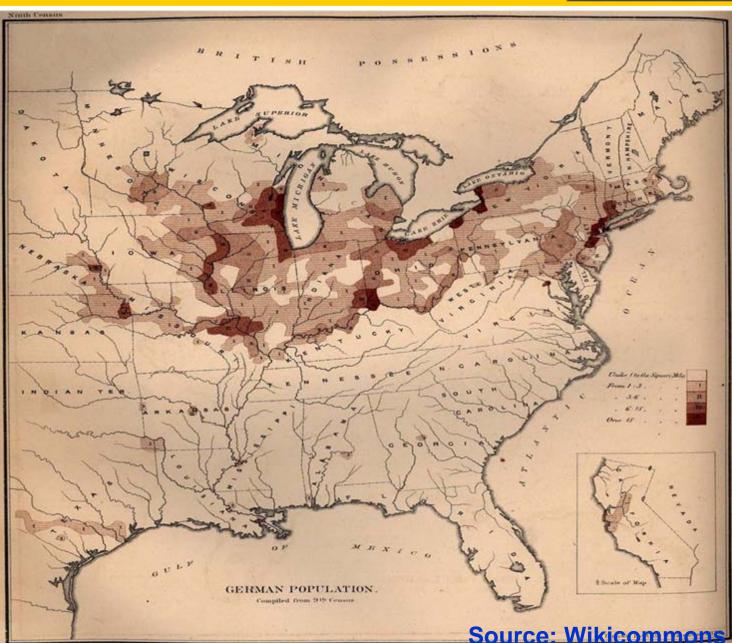
1 Source: Wikipedia: http://en.wikipedia.org/wiki/History_of_immigration_to_the_United_States


Social Statistics as Cultural Heritage German Immigration to USA

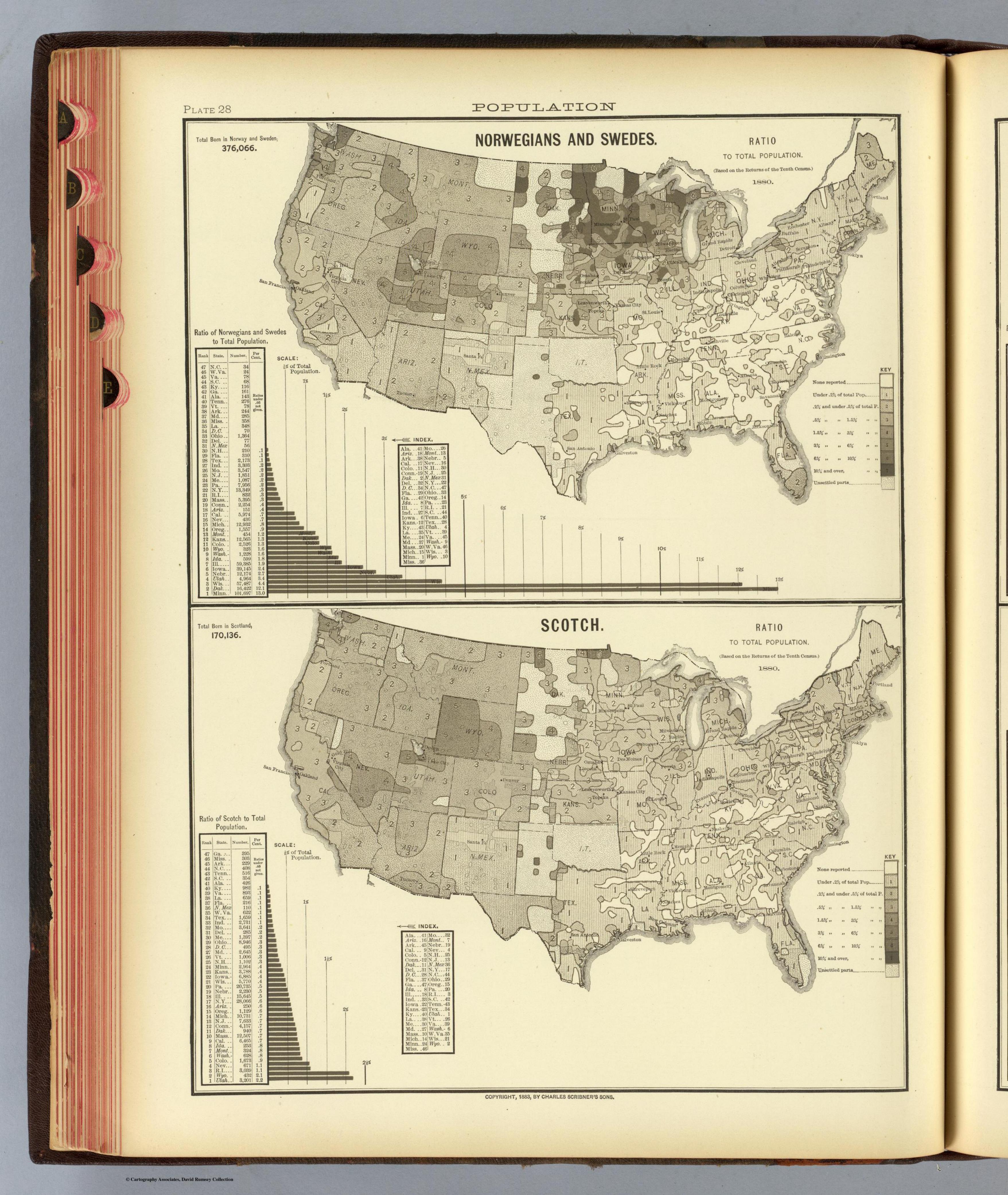


- German population density in 1872
- German immigrants settled mostly in cities (New York, Chicago, Cincinnati, Kansas City, Milwaukee)
- Prior to 9/11, the greatest disaster in NYC was the death of 1,021 people of German descent on a ferry which caught fire on June 15, 1904

Social Statistics as Cultural Heritage – IASSIST 2







Context and Relationships: Ireland and Irish Studies (Goals) (2007-2010 NEH/IMLS Grant)

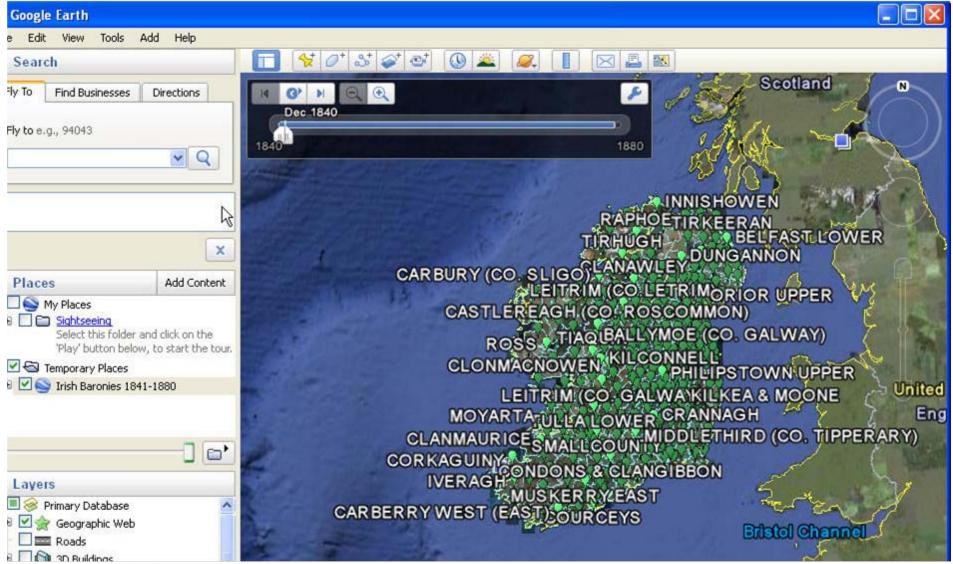


- Enable automatic and manual editorial markup of scanned scholarly materials for personal names and geography
- Recognition of place/person names in middle English and Gaelic
- Combine historical statistics with external search of documents by geographic commonality

Ireland and Irish Studies: Our new approach Utilize the capabilities of Google Earth



• Obtain historic Irish sub-county boundary files (Baronies and Poor Law Union)

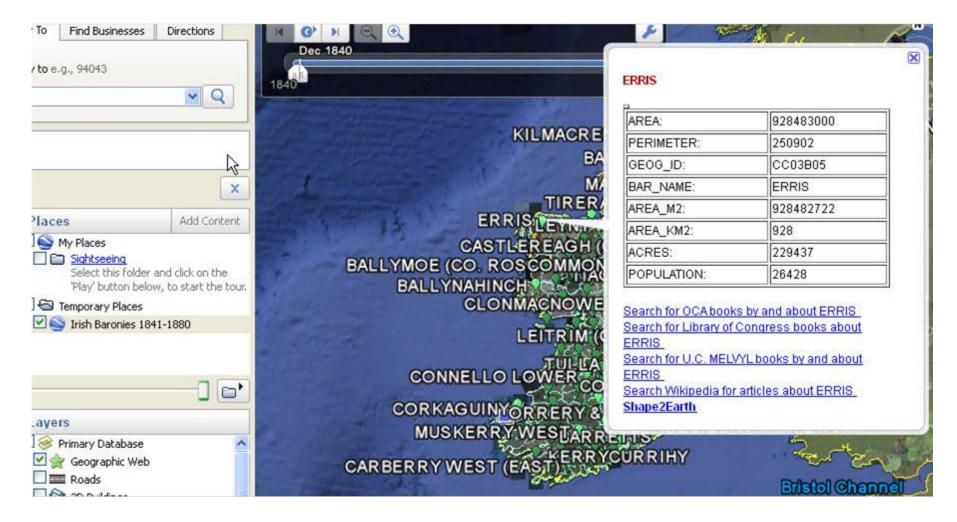


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Ireland and Irish Studies: Our new approach Utilize the capabilities of Google Earth (2)



• Utilize the KML markup language to integrate statistical data display with scholarly search and browsing by time and place



Ireland and Irish Studies: Google Earth (3) Search links added to statistical data display

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search	View (previous 20) (next 20) (20 50 100 250 500)
ERRIS	
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interaction	Erris is a barony in northwestern County Mayo in Irelan Belmullet . While officially most of Erris is a Gaeltacht
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for ERRIS (all pages starting with "ERRIS" | all pages that link to "ERRIS") an: ERIS age without search results but with all search options, use Special:5 mation about searching Wikipedia, see Wikipedia:Searching. rch there are more options at Wikimedia Commons search. MediaWiki search 💌 v results 1 - 20 of 89 20) (next 20) (20 | 50 | 100 | 250 | 500) arony in northwestern County Mayo in Ireland . The main town is While officially most of Erris is a Gaeltacht ...

From Wikipedia, the free encyclopedia

Not to be confused with Eris.



This article does not cite any references or sources. Please help improve this article by adding citations to reliable sources. Unverifiable material may be challenged and removed. (November 2007)

Erris is a barony in northwestern County Mayo in Ireland. The main town is Belmullet. While officially most of Erris is a Gaeltacht area, in reality Irish is spoken in isolated pockets only.

So The discovery of the Corrib gas field close to Erris, and its subsequent development, has led to the Corrib gas controversy.







- M Buckland and L Lancaster 2004, "Combining Place, Time, and Topic" *D-Lib Magazine*, May 2004, Volume 10 Number 5 <u>http://www.dlib.org/dlib/may04/buckland/05buckland.html</u>
- M Buckland, A Chen, F Gey & R Larson, 2006. "Search Across Different Media: Numeric Data Sets and Text Files." *Information Technology and Libraries*. December 2006, pp 181-189.
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- F Gey, R Shaw, R Larson, M Buckland, B Pateman and D Melia, "Marking Up Cultural Materials for Time and Geography," in *Proceedings of the Workshop on Information Access to Cultural Heritage*, Aarhus, Denmark, Sept 28, 2008.
- F Gey, R Shaw, R Larson, B Pateman, "Biography as events in time and space", Proceedings of ACM GIS Conference, Irvine, California, Nov 4-7, 2008
- Emma Goldman papers (<u>http://sunsite.berkeley.edu/Goldman/</u>)
- <u>http://www.ucc.ie:8080/cocoon/doi/locus</u> (onomasticon)





Biography project

http://ecai.org/imls2006/

Irish project

http://ecai.org/neh2007/