



HATHITRUST

A Shared Digital Repository

HathiTrust and Collective Stewardship at Scale

Washington Research Library Council

March 10, 2015

Mike Furlough

Executive Director, HathiTrust

Mission

To contribute to research, scholarship, and the common good by collaboratively collecting, organizing, preserving, communicating, and sharing the record of human knowledge.

...building comprehensive collections and infrastructure co-owned and managed by partners.

...infrastructure for digital content of value to scholars and researchers

...enabling access by users with print disabilities.

...supporting research with the collections.

...stimulating shared collection storage strategies among libraries.



Timeline: Highlights

- Google Library Project announced (2004)
- Launch (2008)
- TRAC certification (2011)
- Constitutional convention (2011)
- 10 million volumes (2012)
- New governance established (2012)
- Current bylaws and fee structure (2013)
- 13 million volumes (2014)



Today's Conversation

- HathiTrust Today
 - Collections
 - Organization
 - Current Initiatives
 - Short term plans
- HathiTrust Tomorrow
 - How has the world changed?
 - How should we change it?



Collections



Preservation with Access

- Preservation
 - TRAC-certified
 - Long-term commitments on digital content facilitate planning, decision-making
- Discovery
 - Bibliographic and full-text search of all materials
 - Mechanisms for local loading of records
- Access and Use
 - Full text search (all users)
 - Public domain and open access works (all users)
 - Print on demand (all users, selected works)
 - Collections and APIs (all users)
 - Lawful uses of in-copyright works (members)



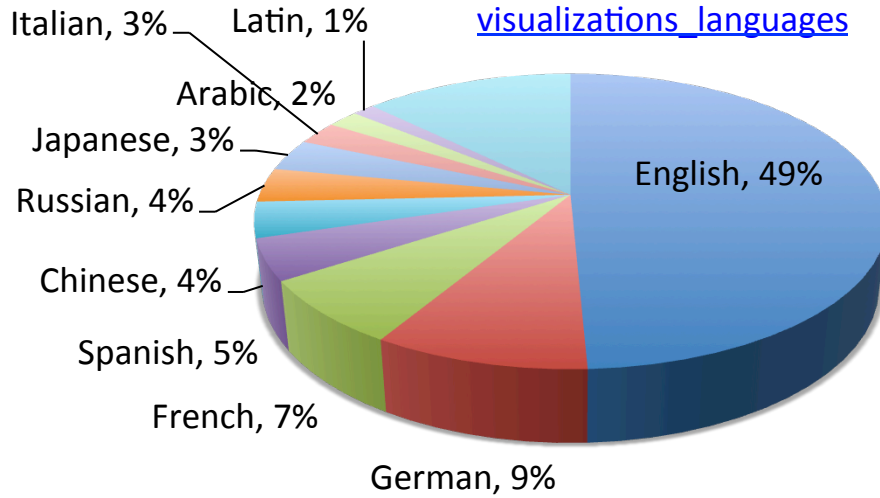
HathiTrust in 2015

- 13.2 million total items
 - 6.7 million book titles
 - 352,000 serial titles
 - 604,000 US federal government documents
 - 4.98 million items open (public domain & CC-licenses)
 - A handful of images and thimbleful of audio files

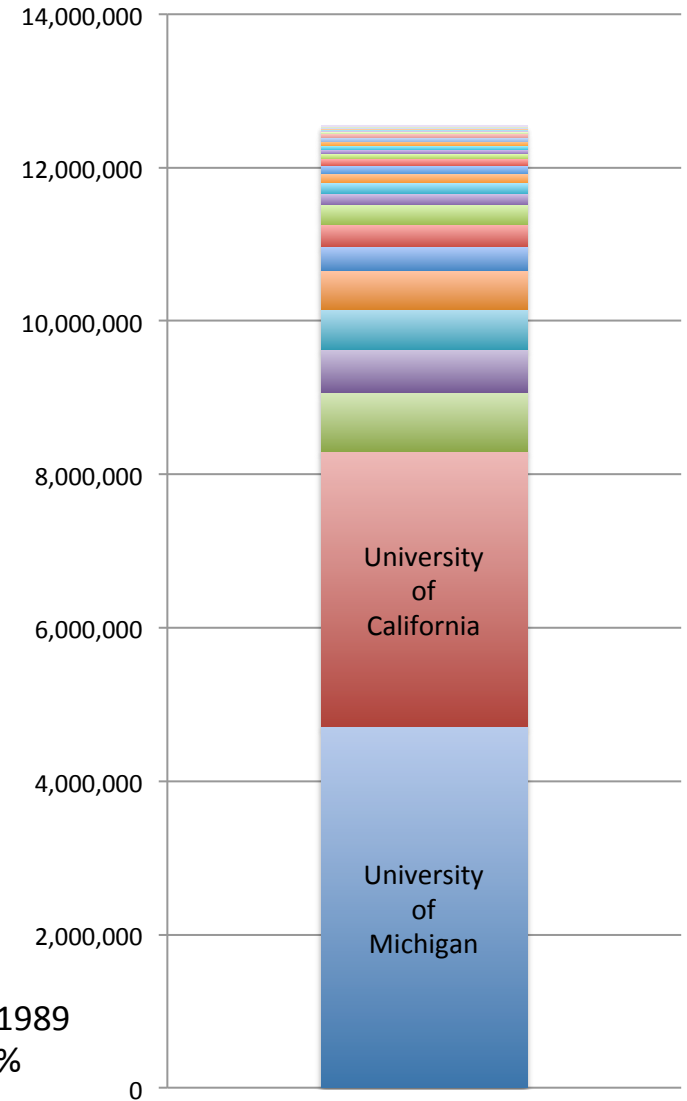
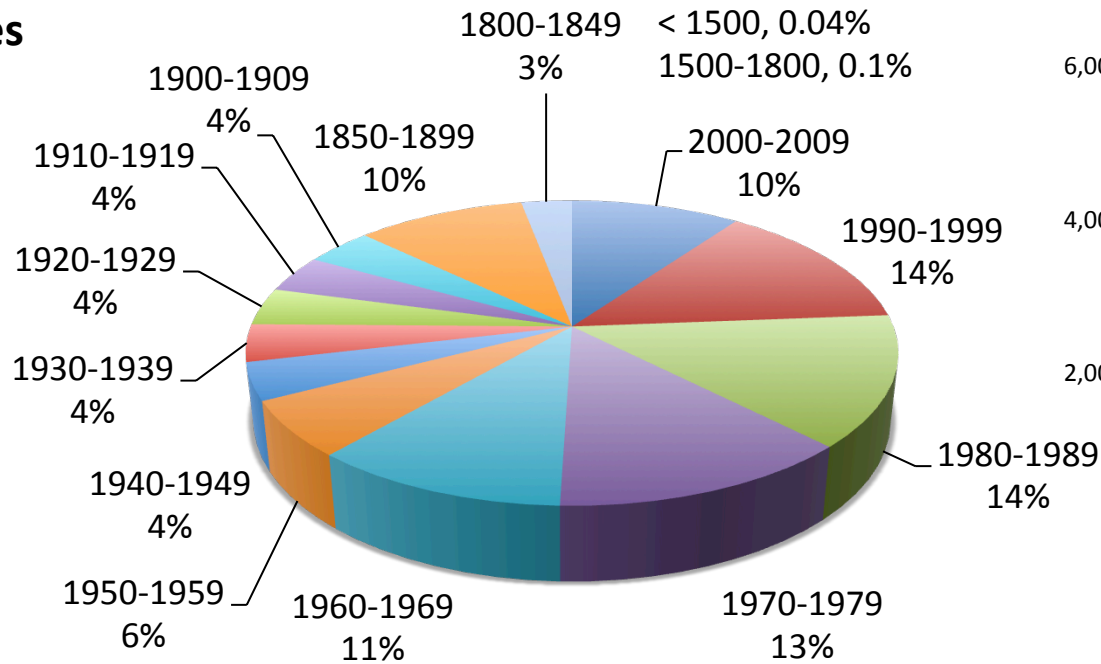


Top 10 Languages

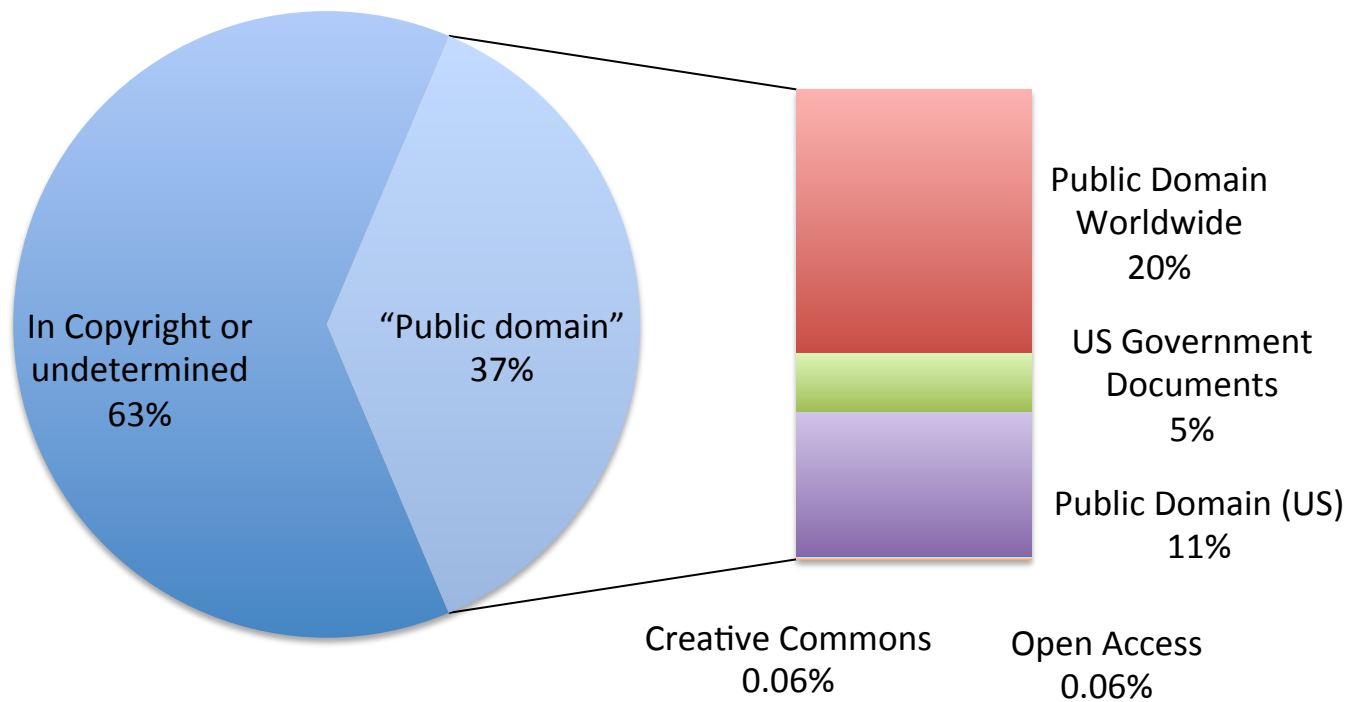
http://www.hathitrust.org/visualizations_languages



Dates



Copyright Distribution



Type of work	Searchable (bibliographic and full-text)	Viewable*	Full-PDF download	Print on Demand	Print disabilities*	Preservation uses (Section 108)*
Public domain worldwide	Worldwide	Worldwide	Partners only if 3 rd -party restrictions, if not, worldwide.	Worldwide	Worldwide	N/A
Public domain (US) – Non-US works published between 1873 and 1923.	Worldwide	When accessed from within the United States	Partners in the US if 3 rd party restrictions, if not, anyone in the US	Available within the United States	Partners in the US; partners worldwide where laws permit	N/A
Works that rights holders have opened access to in HathiTrust	Worldwide	Worldwide	Worldwide (if digitized by Google, full-PDF only available if opened with CC license)	Worldwide with permission	Worldwide	N/A
Works that are in-copyright or of undetermined status	Worldwide	Not available	Not available	Not available	Partners in the US; partners worldwide where laws permit	Partners in the US; partner worldwide where laws permit

* Note: Access to in-copyright works is subject to conditions listed in HathiTrust's policies on [Access and Use](#).



Access: Lawful uses of in-copyright works

- Sensitive to multiple legal regimes
 - Full-text search (everyone everywhere)
 - Access to users who have print disabilities (through member proxy in US, and where law permits)**
 - Access works that are damaged or missing and also out of print and unavailable (members in US only)

**Terms and conditions at

http://www.hathitrust.org/access_use#ic-access



Collective Action: Copyright Review

- Copyright Review Management System
 - Systematic manual review of copyright registrations to determine status of portions of the HathiTrust Collection
 - CRMS US: Published in US, 1923-1963
 - 318,887 reviewed / 168,248 PD (~53%)
 - CRMS-World: Published in UK (1874-1944), Canada, Australia (1894-1964)
 - 175,681 reviewed / 92,919 PD-world 9 (~53%)

Supported generously by IMLS





What happened to the Library Catalog?

[Tell us what you think of the Library Catalog](#)

[Login](#)
[Feedback](#)

[Advanced Search](#) | [Classic Search](#) | [Course Reserves](#) | [E-Reserves](#) | [Search History](#)

Showing 1 - 20 of 33 Results for **nella larsen quicksand**

Sort

Quicksand
by Larsen, Nella Published 1928
HathiTrust eResources (public domain)
Get it online

Add to favorites



Passing novels in the Harlem Renaissance : identity politics and textual strategies /
by Gallego Durán, María del Mar Published c2003
Call Number: 810.9 G135p
Location: Oak Street Facility [request only]
• Available
University of Illinois at Urbana-Champaign

Add to favorites



"The changing same" : black women's literature, criticism, and theory /
by McDowell, Deborah E. Published c1995
Call Number: PS374.N4 M37 1995
Location: Literatures & Languages
• Not Available
University of Illinois at Urbana-Champaign

Add to favorites

Results for

Library: "University of Illinois at Urbana-Champaign" [[show all Libraries](#)]

Narrow Your Search

Format

Book (33)

Electronic (2)

Location

Main Stacks

Literatures and Languages

Oak Street Facility

Undergraduate

History, Philosophy and Newspaper

[more...](#)

Author

Larsen, Nella (7)

Ahad, Badia Sahar (1)

Ahlin, Lena (1)

Berg, Allison (1)

Calverton, V. F. (1)

[more...](#)




Topic

African American authors (16)




Historical criticism (16)

2,594 results sorted by [relevance](#) Add results beyond your library's collection

Database Recommendations
 MLA International Bibliography - PSU00762

online **Quicksand, by Nella Larsen** 
 by [Larsen, Nella](#)
 1928 
 eBook: [Full Text Online](#)

online **Quicksand (For Nella Larsen)** 
 by [Anderson, Kathy Elaine](#)
 Callaloo, 02/1979, Issue 5 
 Journal Article: [Full Text Online](#)

online **Narrating the Gaze in Nella Larsen's Quicksand** 
 by [Baggett, Marybeth Davis](#)
 The Griot, 2012, Volume 31, Issue 2 
 ... **Quicksand** tells the story of one woman's search for acceptance and approval. That woman, Helga Crane, searches in five different locations over the course...
 Journal Article: [Full Text Online](#)

Read Online Cite Email

Quicksand, by Nella Larsen

by Larsen, Nella
Source: [HathiTrust \(Public Domain within US only\)](#)
Date : 1928
Language: English
Copyright: We have determined this item to be in the public domain according to US copyright law through information in the bibliographic record and/or US copyright renewal records. The digital version is available for all educational uses worldwide. Please contact HathiTrust staff at hathitrust-help@umich.edu with any questions about this item.

REFINE YOUR SEARCH

- ✓ Any
- Full Text Online
- Scholarly & Peer-Review
- Peer-Review
- Library Catalog

CONTENT TYPE

- ✓ Any
- Book / eBook
- Journal Article
- Dissertation
- Book Review
- Reference
- More...

DISCIPLINE

- ✓ Any
- languages & lite...
- history & archae...
- women's studies
- social sciences
- anthropology
- More...

Home About Collections Help Feedback

[« Back to catalog record](#)

About this Book

Quicksand, by Nella Larsen. .
Larsen, Nella.

[View full catalog record](#)

Copyright: [Public Domain, Google-digitized.](#)

Get this Book

[Find in a library](#)
[Download this page \(PDF\)](#)
[Download whole book \(PDF\)](#)
Partner login required

Add to Collection

[Login](#) to make your personal collections permanent


Select Collection

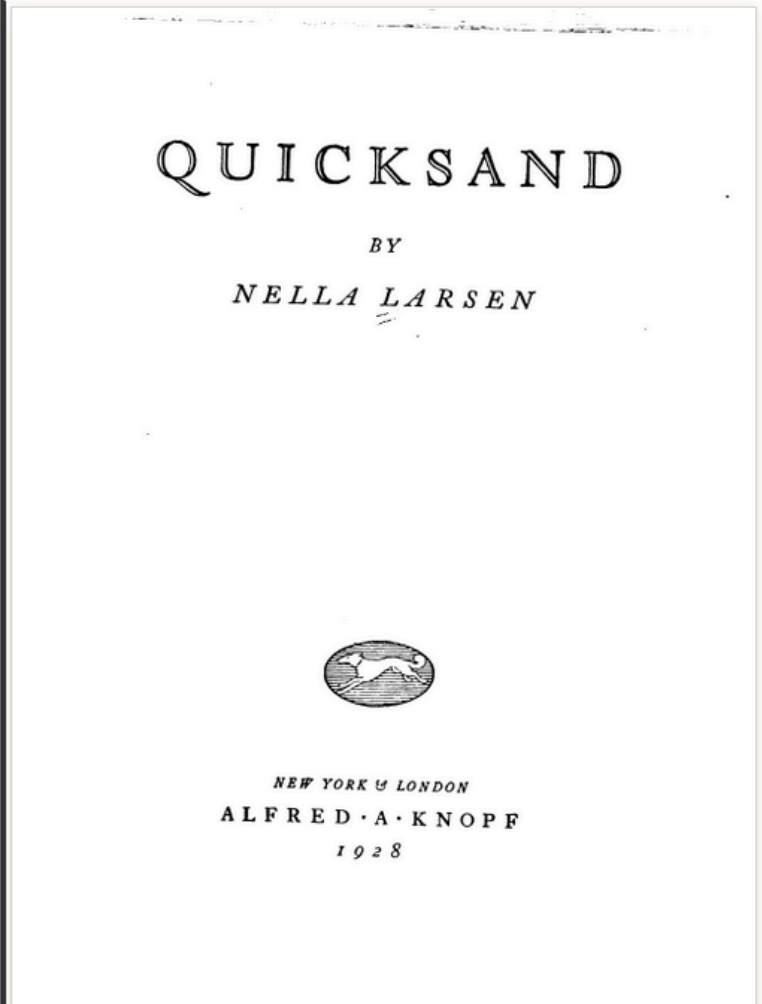
Add

Share

Permanent link to this book
<http://hdl.handle.net/2027/mdc>

Link to this page
<http://hdl.handle.net/2027/mdc>


Navigation:  Jump to Go Search in this text Find



QUICKSAND

BY

NELLA LARSEN



NEW YORK & LONDON

ALFRED · A · KNOPF

1928



Similar Items

[Passing /](#)

By: Larsen, Nella.
Published: (2000)

[Quicksand.](#)

By: Larsen, Nella.
Published: (1928)

[Quicksand ; and. Passing /](#)

By: Larsen, Nella.
Published: (1986)

[Quicksand.](#)

By: Larsen, Nella.
Published: (1969)

[The complete fiction of Nella Larsen /](#)

By: Larsen, Nella.
Published: (2001)

[Passing strangers.](#)

By: Riesenber, Felix, 1879-1939.
Published: (1932)

[Passing by.](#)

By: Baring, Maurice, 1874-1945.
Published: (1928)

[Napoleon passes](#)

[← Back to Search Results](#)

[← Previous record](#) Showing record 5 of 9 [Next record →](#)

[Cite this](#)

[Export to Endnote](#)



Passing, / by Nella Larsen.

Main Author: [Larsen, Nella.](#)

Language(s): English

Published: New York, A. A. Knopf, 1929.

Physical Description: 6 p. L., 3-215, [1] p., 1 L. ; 20 cm.

Locate a Print Version: [Find in a library](#)

Viewability:

[Limited \(search only\)](#)

(original from University of Michigan)



FULL-TEXT

CATALOG

Search words about the items

All Fields



[Advanced catalog search](#) | [Search tips](#)

Full view only

[« Back to page](#)

About this Book

Passing, / by Nella Larsen. .
Larsen, Nella.

[View full catalog record](#)

Copyright: [Protected by copyright law.](#)

Get this Book

[Find in a library](#)

Add to Collection

This item is not in any of your collections

Select Collection

Add

Share

Permanent link to this book

<http://hdl.handle.net/2027/miun.a>

[◀ Go to the beginning of the book](#)

Search in this text

Find

i Full view is not available for this item due to copyright © restrictions. Page numbers with matches are displayed without text snippets due to these restrictions.

Showing 1 - 2 of 2 Results for **idlewild**

p.34 - 1 matching term

p.35 - 1 matching term

Showing 1 - 2 of 2 Results for **idlewild**



FULL-TEXT

CATALOG

passing nella larsen

All Fields



[Advanced catalog search](#) | [Search tips](#)

Full view only

[« Back to catalog record](#)

About this Book

Passing, / by Nella Larsen. .
Larsen, Nella.

[View full catalog record](#)

Copyright: [Protected by copyright law.](#)

Get this Book

[Find in a library](#)

Add to Collection

This item is not in any of your collections

Select Collection

Add

Share

Permanent link to this book

<http://hdl.handle.net/2027/miun.a>

This item is **not available online** (🔒 Limited - search only) due to copyright restrictions. [Learn More »](#)

You can:

Search inside the text

idlewild

Search

to find the frequency and page number of specific words and phrases. This can be especially useful to help you decide if the book is worth buying, checking out from a library, etc.

Example:

- p.62 - **1 matching term**
- p.137 - **5 matching terms**
- p.139 - **2 matching terms**
- p.145 - **1 matching term**
- p.152 - **1 matching term**
- p.154 - **1 matching term**

or [Find in a library](#)

Top Ten Titles January 2015

1. The Human Figure, by John H. Vanderpoel
2. Quicksand, by Nella Larsen.
3. Godey's Magazine, v.40-41, 1850.
4. Pennsylvania German pioneers: A Publication of the Original Lists of Arrivals in the Port of Philadelphia from 1727 to 1808, by Ralph Beaver Strassburger.
5. The Book of a Hundred Hands, by George Brant Bridgman.
6. Indian boyhood, by Charles A. Eastman.
7. Roster of the Confederate soldiers of Georgia, 1861-1865, v.2.
8. Solid mensuration, by Willis F. Kern and James R. Bland.
9. The Five Laws of Library Science, by S. R. Ranganathan.
10. Roster of the Confederate soldiers of Georgia, 1861-1865, v.1.



Shared Stewardship



HathiTrust Members

Allegheny College
American University of Beirut
Arizona State University
Baylor University
Boston College
Boston University
Brandeis University
Brown University
Carnegie Mellon University
Case Western Reserve
Colby College
Columbia University
Cornell University
Dartmouth College
Duke University
Emory University
Florida State University
Getty Research Institute
Georgetown University
Georgia Tech
Harvard University Library
Indiana University
Iowa State University
Johns Hopkins University
Kansas State University
Lafayette College
Library of Congress
Massachusetts Institute of Technology
McGill University
Michigan State University
Montana State University
Mount Holyoke College
New York Public Library
New York University
North Carolina Central University

North Carolina State University
Northeastern University
Northwestern University
Oklahoma State University
The Ohio State University
The Pennsylvania State University
Princeton University
Purdue University
Rutgers University
Stanford University
State University System of Florida
Syracuse University
Temple University
Texas A&M University
Texas Tech University
Tufts University
Universidad Complutense de Madrid
University of Alabama
University of Alberta
University of Arizona
University of British Columbia
University of Calgary
University of California
Berkeley
Davis
Irvine
Los Angeles
Merced
Riverside
San Diego
San Francisco
Santa Barbara
Santa Cruz
California Digital Library
The University of Chicago
University of Connecticut

University of Delaware
University of Houston
University of Illinois
University of Illinois at Chicago
The University of Iowa
University of Kansas
University of Maine
University of Maryland
University of Massachusetts, Amherst
University of Miami
University of Michigan
University of Minnesota
University of Missouri
University of Nebraska-Lincoln
University of New Mexico
The University of North Carolina at Chapel Hill
University of Notre Dame
University of Oklahoma
University of Pennsylvania
University of Pittsburgh
University of Queensland
University of Tennessee, Knoxville
University of Texas
University of Utah
University of Vermont
University of Virginia
University of Washington
University of Wisconsin-Madison
Utah State University
Vanderbilt University
Virginia Tech
Wake Forest University
Washington University
Yale University Library

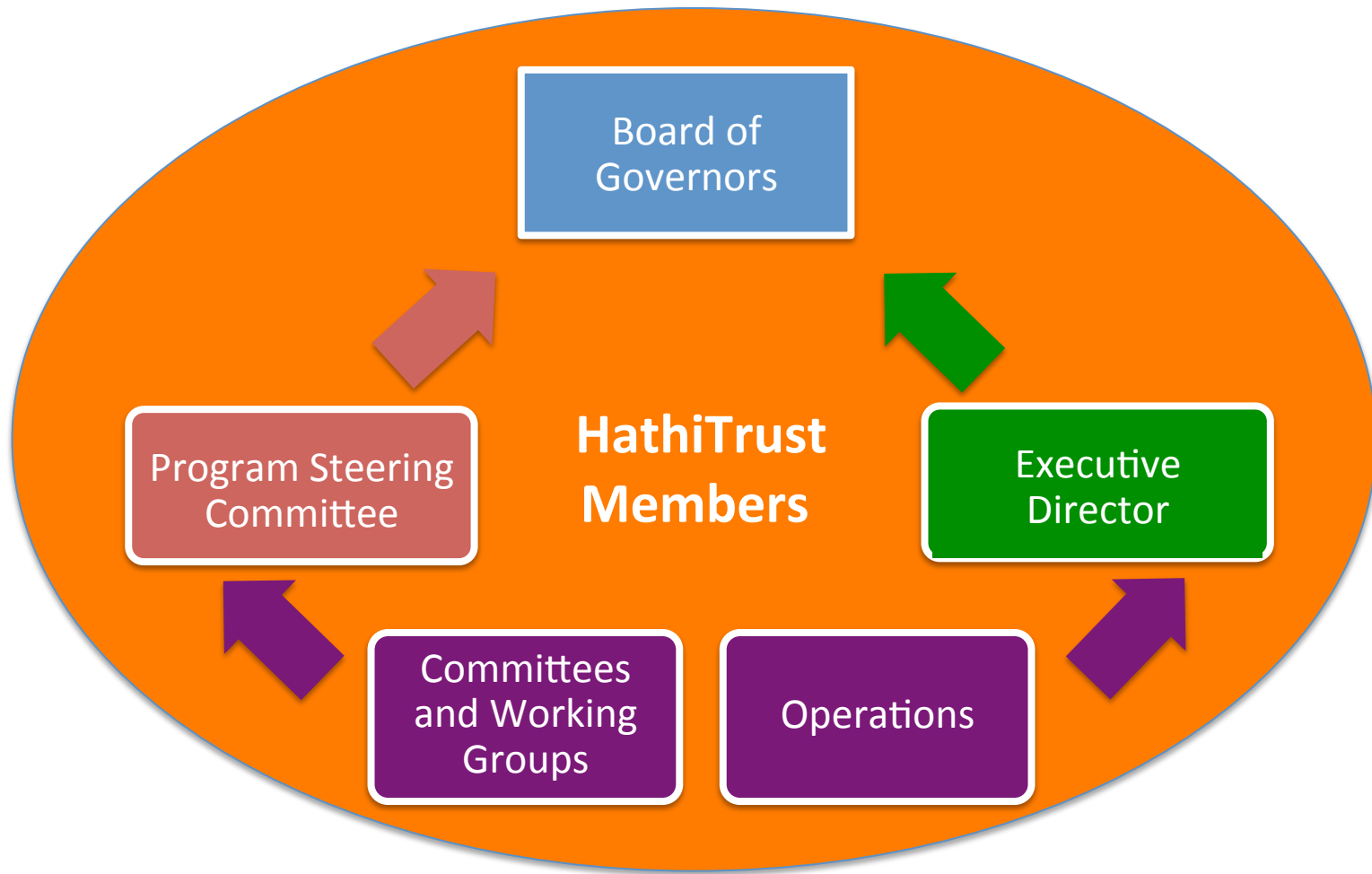


Cooperative Work

- Draw upon knowledge across institutions
- Distributed Functions and Services
 - Preservation repository and access services
 - University of Michigan
 - Mirror site: Indiana University
 - Metadata management services
 - California Digital Library
 - HathiTrust Research Center
 - Indiana University and University of Illinois



Governance



Committees and Working Groups

- Program Steering Committee
- Collections Committee
- Zephyr Advisory Group
- User Support Working Group

- Rights and Access Working Group
- Government Documents Initiative Planning and Advisory Group
- Print Monographs Archive Planning Task Force

- On Hiatus
 - Communications
 - User Experience



Requirements

- Non-profit libraries or non-profit institutions with libraries
- Partnership agreement
- Print holdings information
- Shibboleth

http://www.hathitrust.org/eligibility_agreements

http://www.hathitrust.org/partnership_checklist



Checklist

1. Partnership contract (Required)
2. Print holdings information (Required)
3. Member Representative (Required)
4. Shibboleth (Required to receive authenticated partner services)
5. Primary contact (Required)
6. Press release
7. Institutional description
8. Outages contact
9. Communications contact
10. Google Analytics contact (optional)
11. Institutional IP addresses - We are using IP ranges to partner name in HathiTrust interface



Financial Model

All partners share in operations and infrastructure costs for **public domain** volumes:

$$(Public\ Domain * Cost\ per\ volume * X) / Total\ Members$$

Share in operations and infrastructure costs for **in copyright** volumes based on holdings:

For a given in-copyright volume:
 $(Cost\ per\ volume * X) / Holding\ Members$

Cost per volume = ~\$0.167**

X = 1.5 (multiplier for programmatic funds)**

**2015 cost per volume and multiplier values



HathiTrust overall benefits to libraries

- Digital Curation
 - Drive costs down
 - Reduce “bibliographic indeterminacy”
 - Make meaningful decisions about formats and quality
 - Increase discoverability, use
 - Consolidate development talent
 - Improve strength of archiving
- Print Curation
 - Means to associate our print holdings
 - Coordinated record-keeping
- Subsidiary benefits
 - Quantify problems
 - Collective attention to solving shared problems
 - Understanding relationship between collective and local



Current Initiatives



Shared Print Monographs Archive

- Ballot Initiative passed at the 2011 HT Constitutional Convention (Con-Con)
 - “To develop a print monographs archive corresponding to volumes represented within the HathiTrust”
- Focus
 - Ensure preservation of print and digital collections
 - Catalyze national/continental collective management of collections



Why A Shared Print Archive Program

- Creation of the digital corpus provides significant overlap with research collections
- Significant need and desire to reduce costs of collection management and associated footprint
- Many regional efforts, but limited national/international coordination
- Strengthens preservation commitments
 - Connects both print and digital preservation



Task Force proposal...

- Defines the character of the repository as...
 - A collection that mirrors HT's monographic holdings, is distributed and "light"
 - A repository that is governed, managed, and supported by the HT as a whole, not a subset of members
 - A repository that is relatively lightweight and focused on lowering barriers for early participation



Task Force proposal...

- Defines the national role of the repository as...
 - Providing leadership in the area of monographic, print retention.
 - Supporting the development of the technical infrastructure necessary to disclose commitments and discover content.
 - Providing services to members that support their efforts to make local collection management decisions



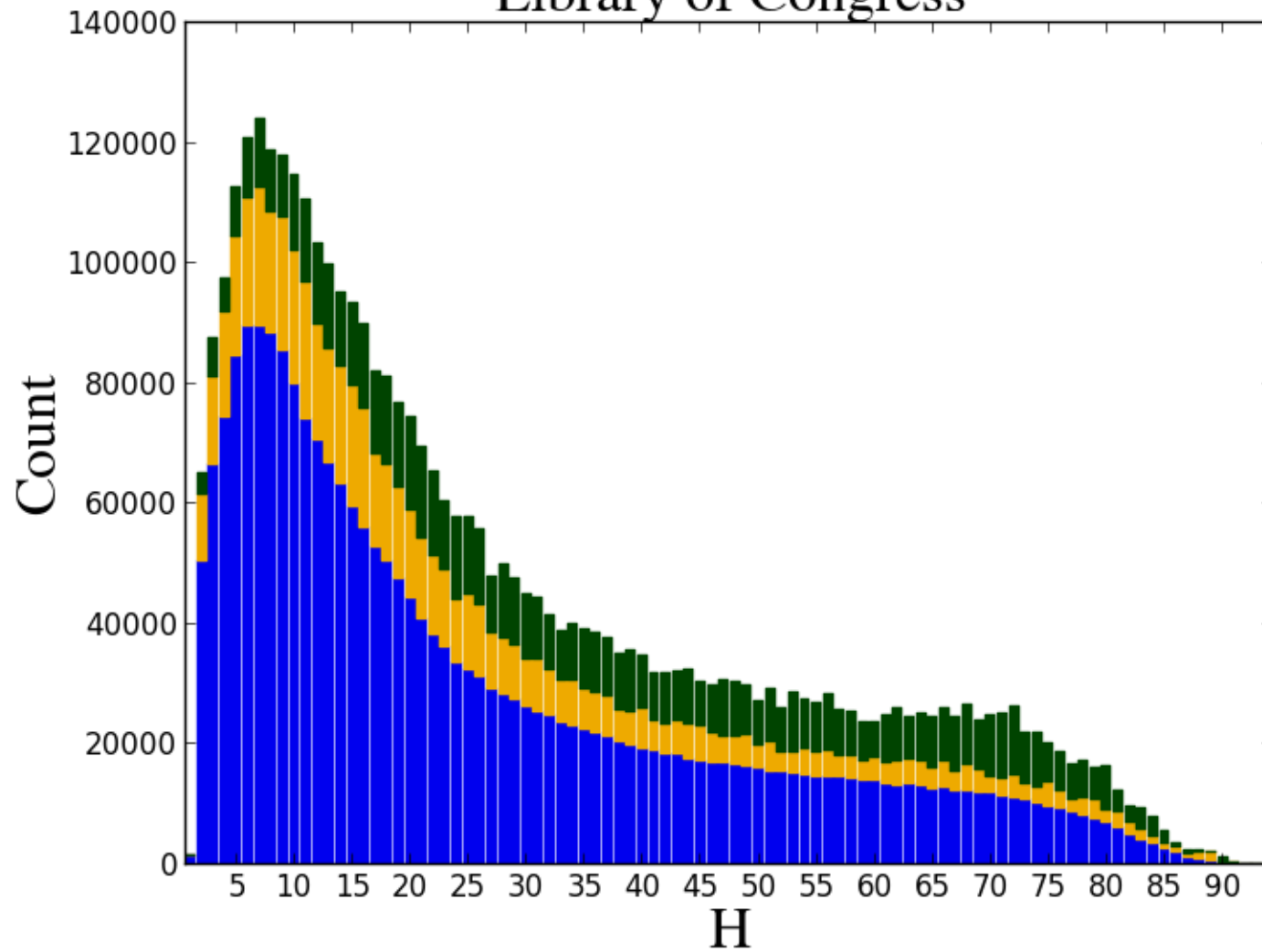
Selected WRLC Collection Overlap

University	Holdings provided	Unique OCLC #	HathiTrust Match %	OCLC # Match	HathiTrust Match (vols)	Matched Public Domain	Matched In Copyright
Howard	682,620	633,907	51.10%	326,537	757,852	24.04%	75.96%
GWU	961,506	831,939	45.84%	408,834	999,566	22.93%	77.07%
Georgetown	1,293,235	1,292,190	40.00%	516,830	1,153,606	21.25%	78.75%

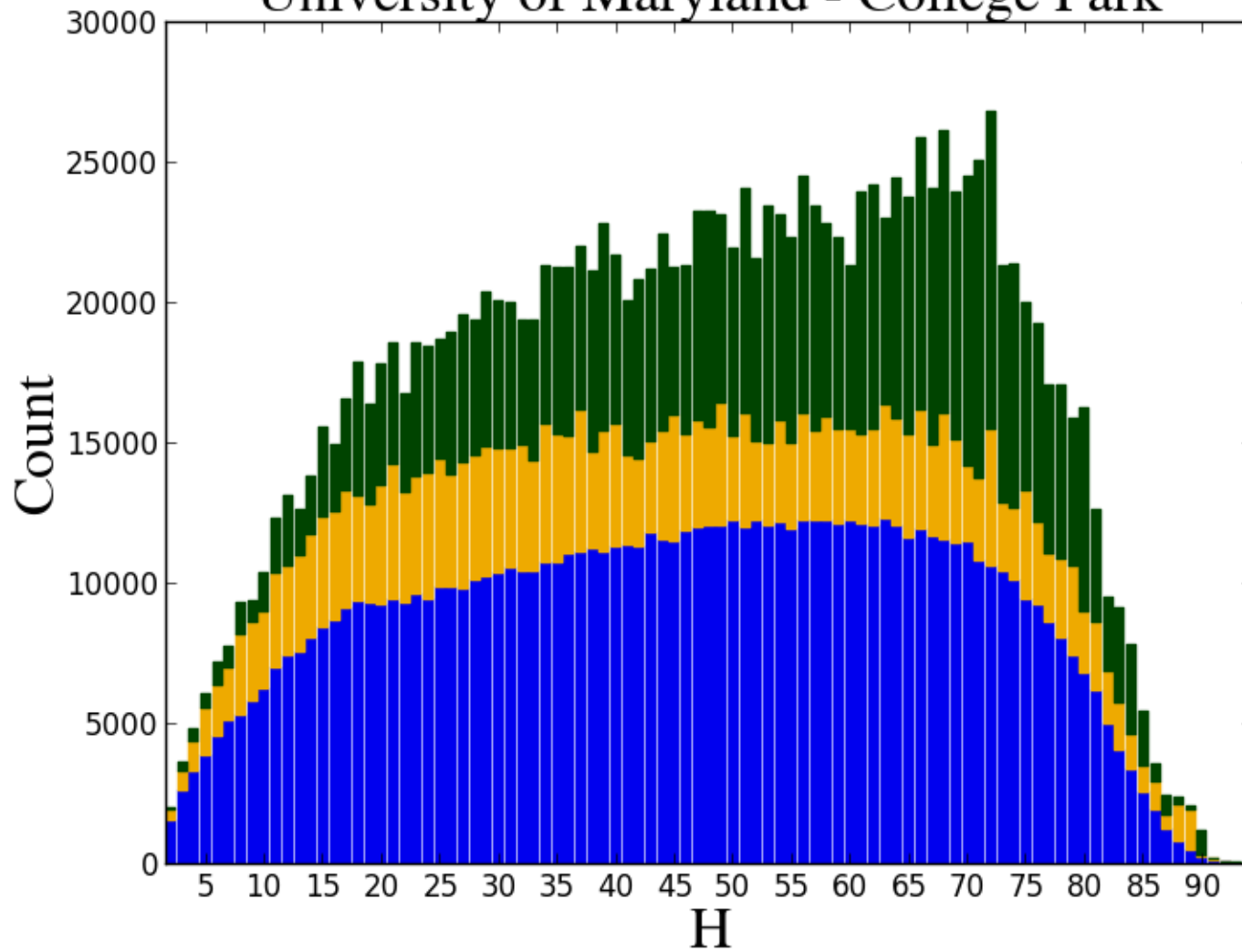
Data is based on most recently provided holdings data, which may not be current.



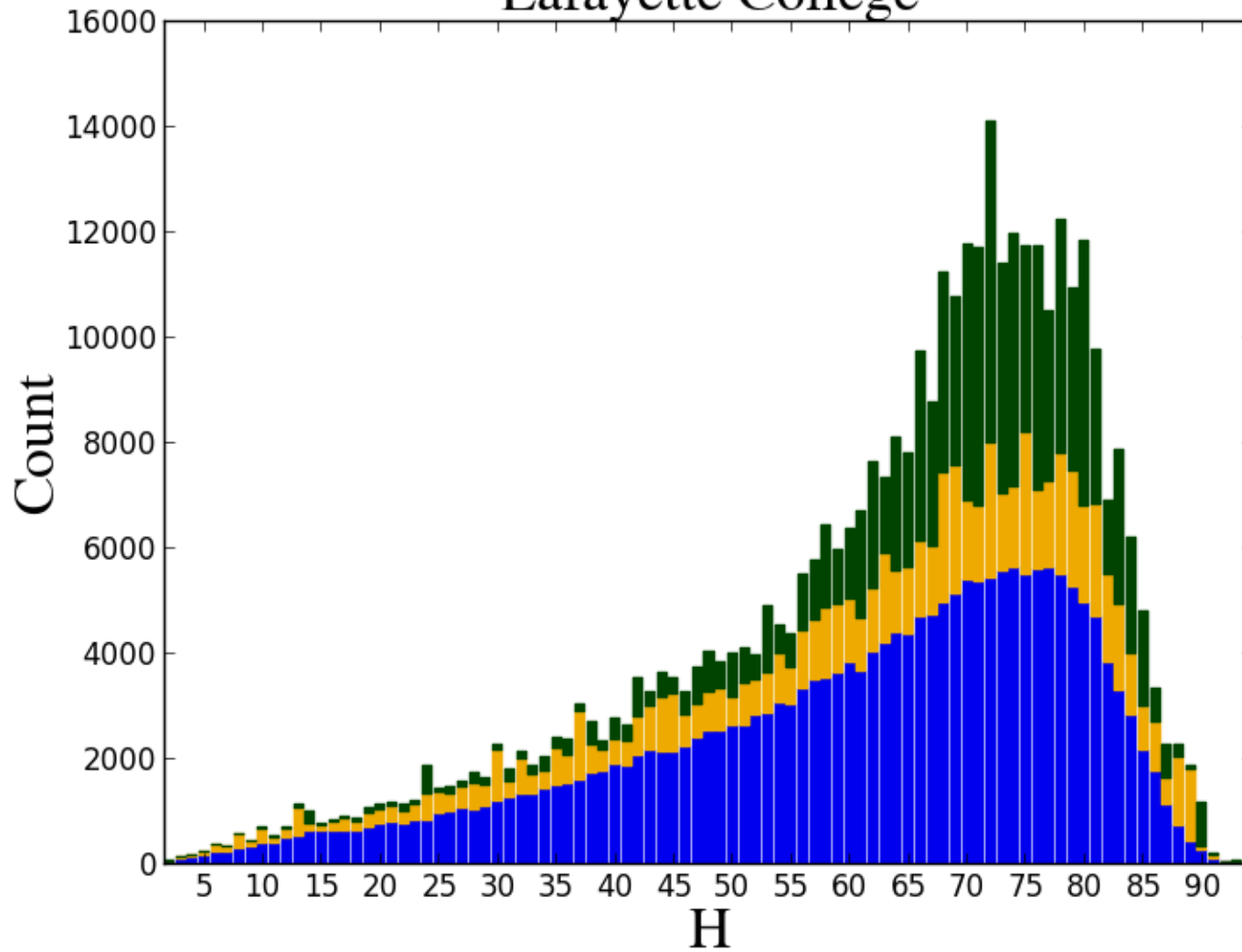
Library of Congress



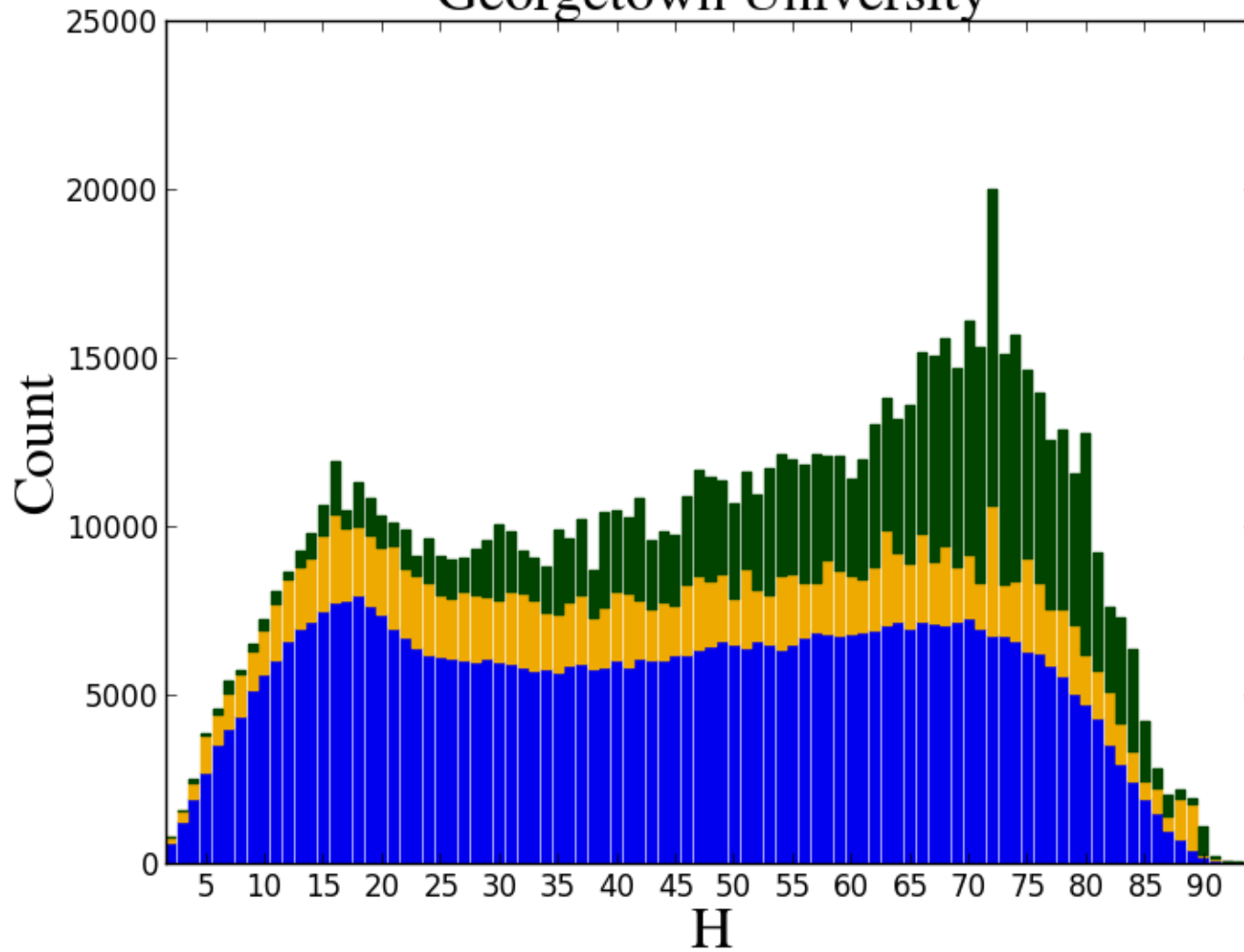
University of Maryland - College Park



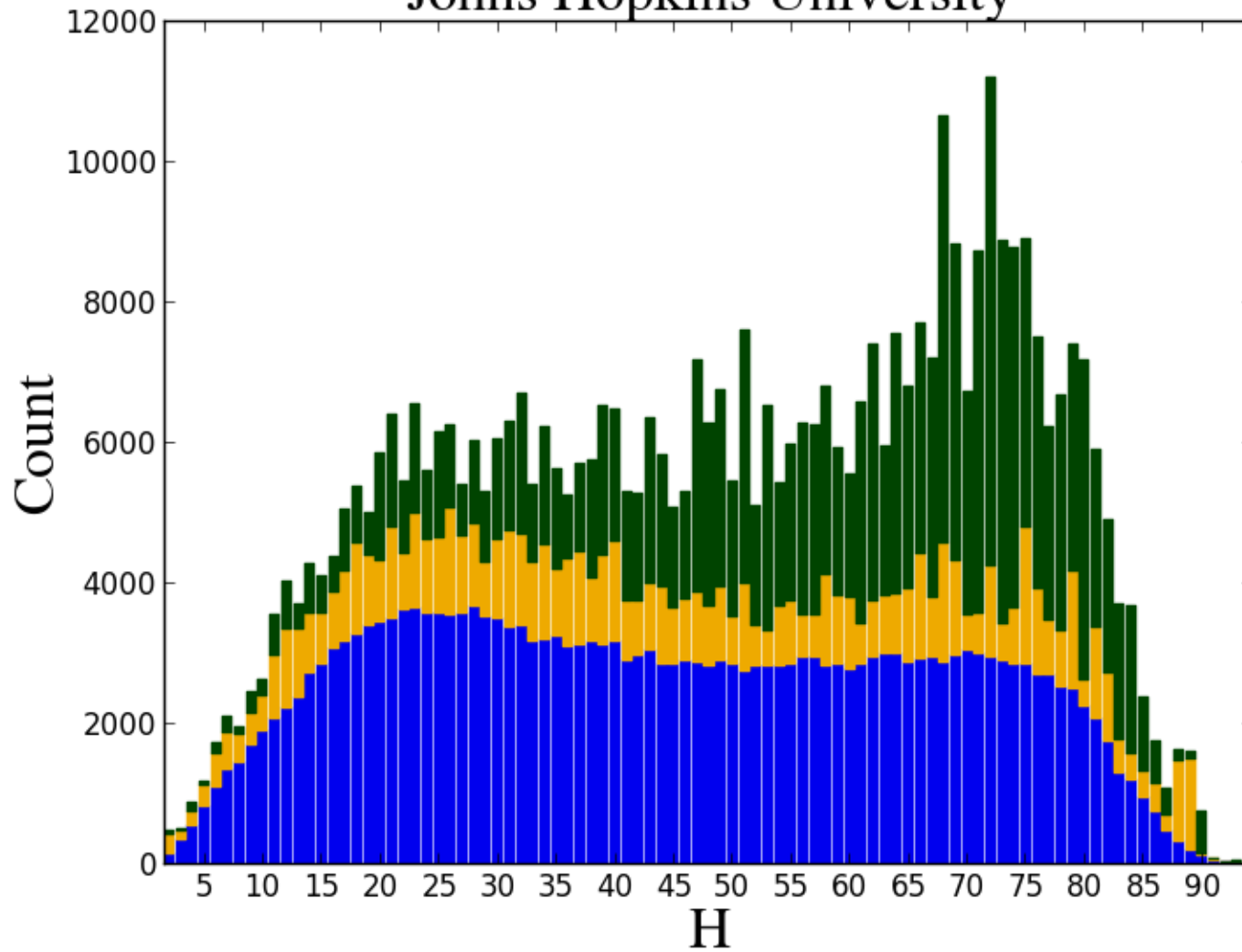
Lafayette College



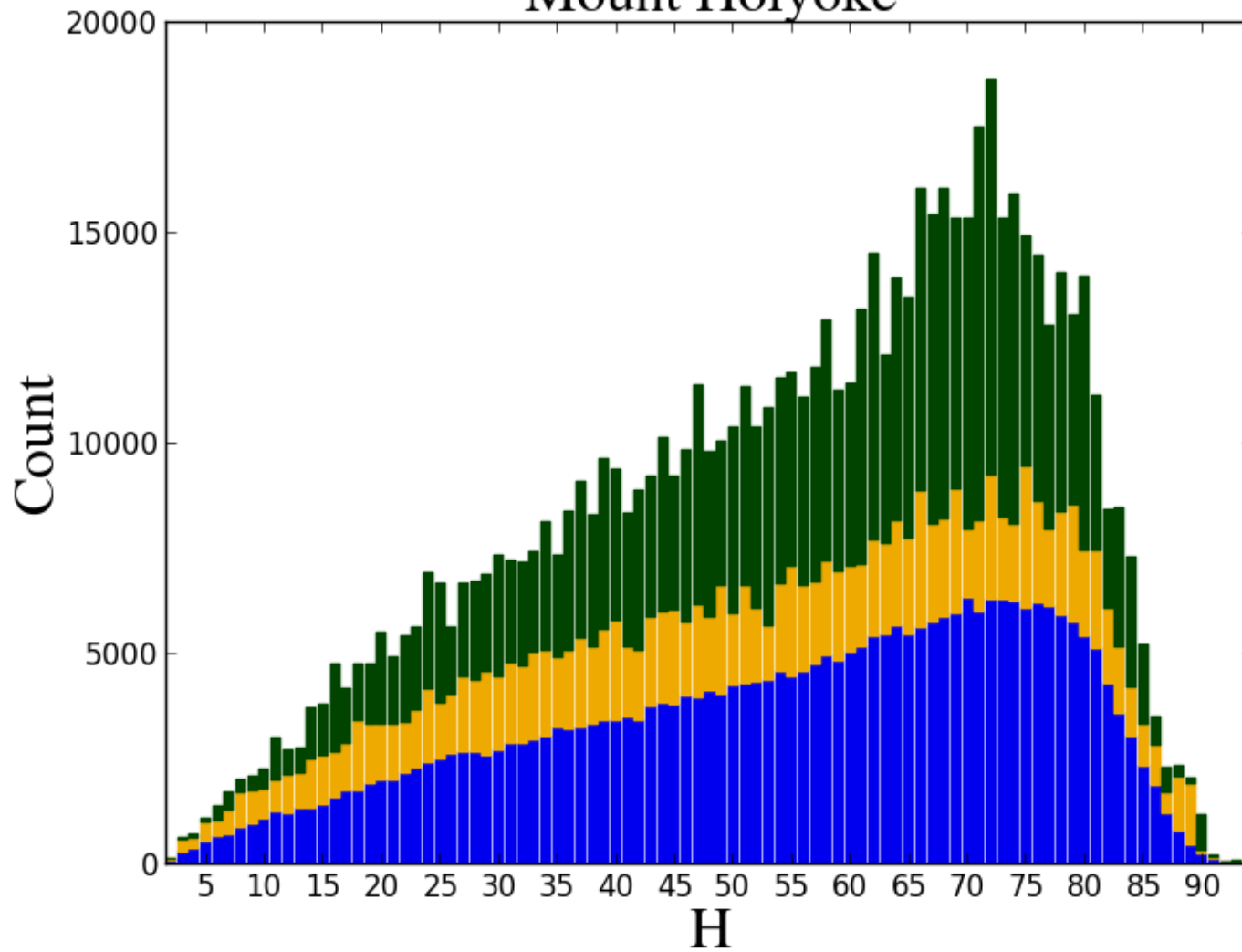
Georgetown University



Johns Hopkins University



Mount Holyoke

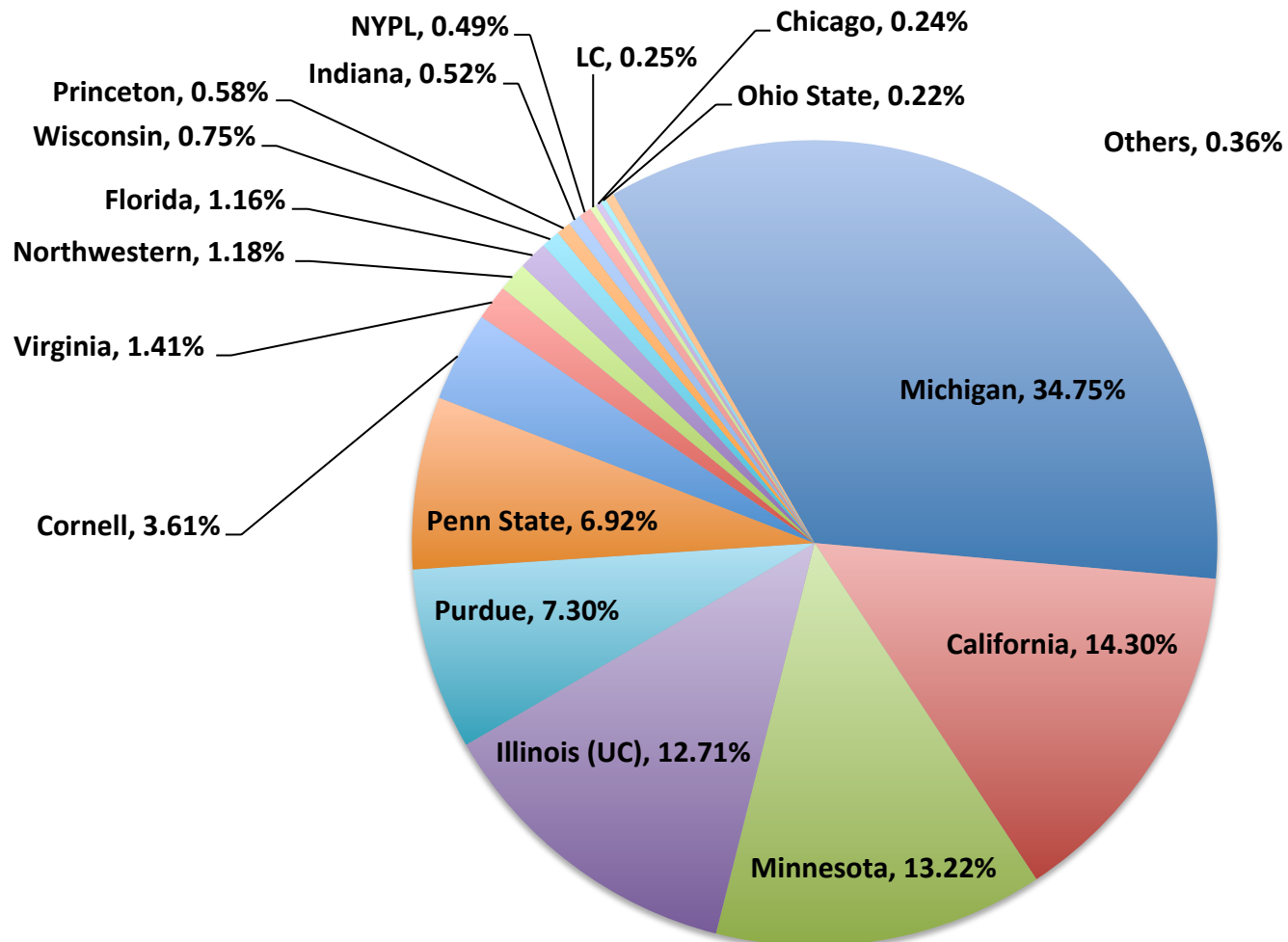


Government Documents Initiative

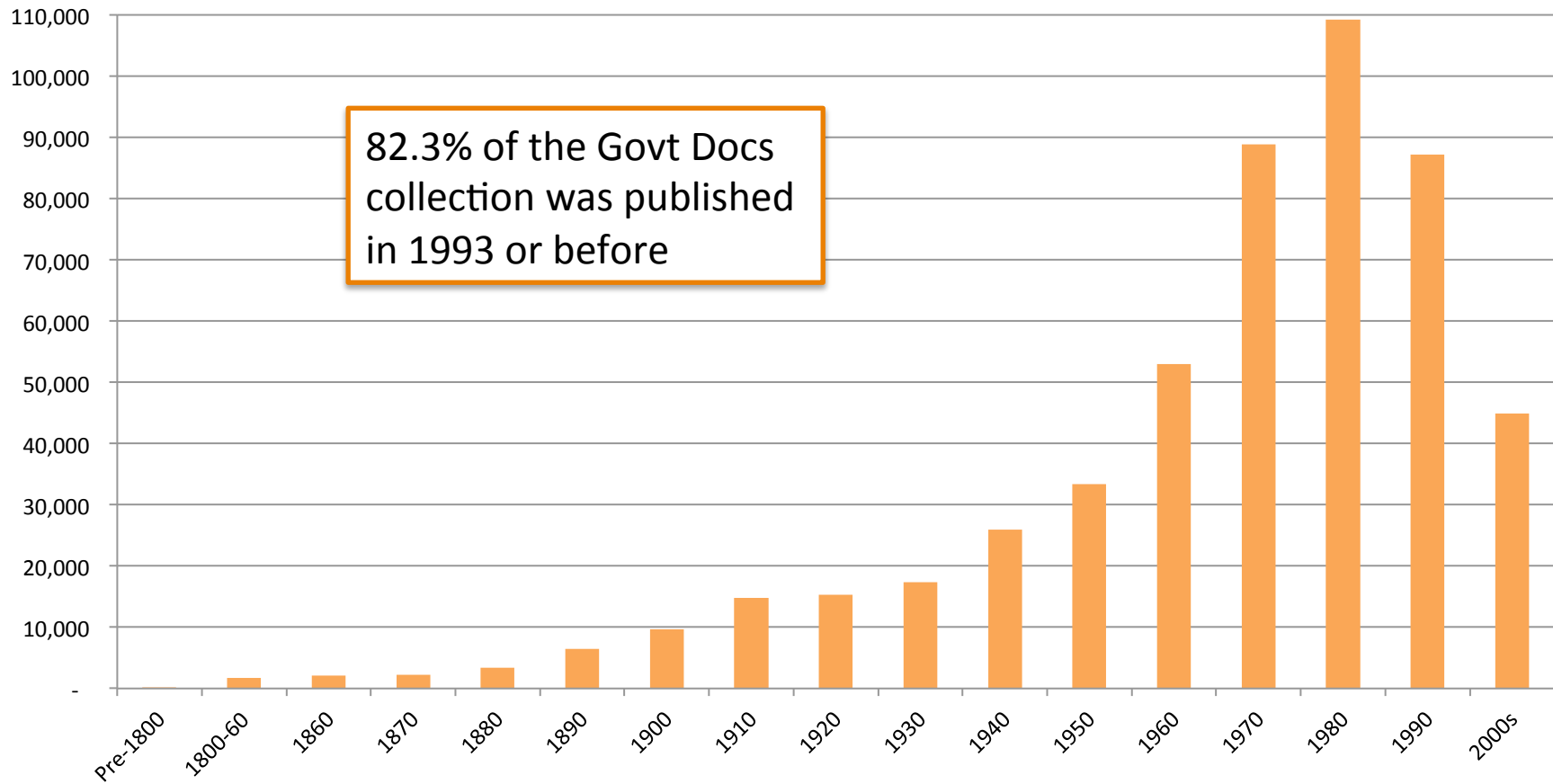
- Ballot Initiative: provide “expanded coverage & enhanced access to U.S. Government Documents.”
- Activities:
 - Developing a registry of US Federal Government Documents
 - Locate materials for inclusion in the collections
 - Improve search and discovery



US Gov't Publications by Source Library



US Gov't Publications by Date



The Registry

- Goal: “....include metadata for the comprehensive corpus of U.S. federal documents. This will include materials produced at U.S. government expense, in all formats, at the item level, from 1789 to the present.”
- Why?
 - Limited knowledge of this corpus.
 - Collection gap analysis
 - Digitization sourcing



Near/Intermediate Term Activity

- Bibliographic and collections analysis
 - Registry and holdings work
- Focus first on known and cataloged materials
 - Prioritize print, post-1976 materials
 - Identify collections for inclusion (and get them)
 - Digitize where needed
- Publicize the efforts
 - Within the library community
 - To the general public



Computational Access Initiatives

- HathiTrust distributes public domain datasets
- HathiTrust Research Center
 - Developed collaboratively by Indiana University and University of Illinois; launched July 2011
 - Funding from the Sloan Foundation, Andrew W. Mellon Foundation, and NEH Office of Digital Humanities.
 - Partially Funded by HathiTrust (2014-2018)





RESEARCH CENTER

Goals for the Research Center

- Research arm of HathiTrust
- Provide a persistent and sustainable structure to enable original and cutting edge research.
 - Leverage data storage and computational infrastructure at Indiana & Illinois
 - Stimulate community development of new functionality and tools
 - Use tools to enable discoveries that would not be possible without the HTRC
- Enable scholars to fully utilize content of HathiTrust Library while preventing intellectual property misuse within U.S. copyright law.
 - Provision secure computational and data environment for scholars to perform research using HathiTrust Digital LibraryIndiana University and University of Illinois



HTRC DataCapsule: Secure Access

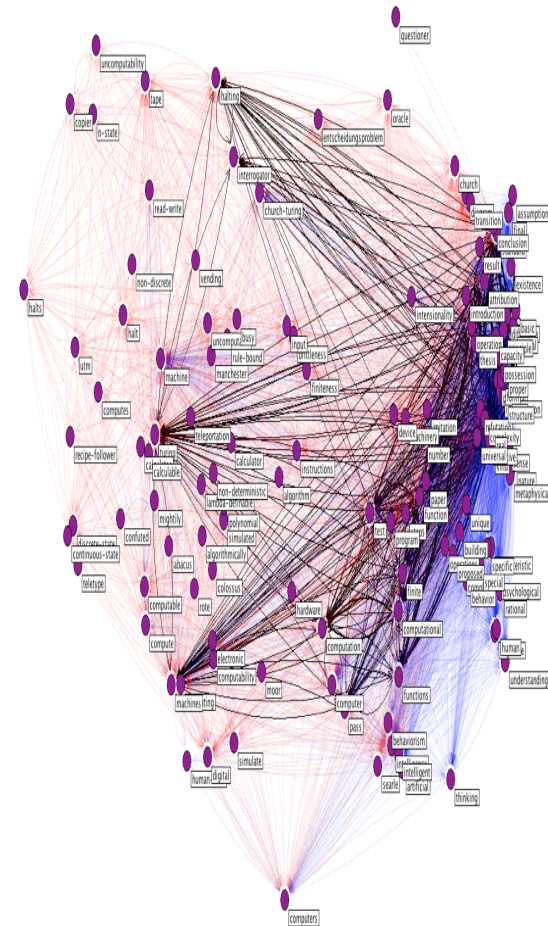
Run all the demo codes there by clicking on "Cell" -> "Run All"

```
In [1]: # importing necessary libraries #  
from vsm.corpus import Corpus  
from vsm.model.ldacgsmulti import LdaCgsMulti as LDA  
from vsm.viewer.ldagibbsviewer import LDAGibbsViewer  
  
In [3]: # Uploading a saved Corpus object.  
plain_dir = '/home/demouser/demo/vsm/'  
c = Corpus.load(plain_dir + 'uc2.ark+=13960=t5w66bs1h-nltk-freq3.npz')  
Loading corpus from /home/demouser/demo/vsm/uc2.ark+=13960=t5w66bs1h-nltk-freq3.npz  
  
In [7]: # Building an LDA model #  
# LDA model takes a Corpus object,  
# context type (what we want to consider as documents),  
# and number of topics, K.  
lda = LDA(c, 'page', K=20)  
  
In [8]: # Training an LDA model #  
# number of iterations and number of processors (with  
# the multi-processing model) could be specified.  
lda.train(itr=20, n_proc=5)  
Iteration 0: log prob=-1147.156238  
Iteration 1: log prob=-243161.382092  
Iteration 0: log prob=-1147.156238  
Iteration 1: log prob=-243161.382092
```



Scholarly Commons User Support Services

- Develop training materials
- Educational workshops
- Tool and workset support
- Collaborate with librarians and DH centers at HT institutions
- Assist researchers in HTRC text data mining research projects
- Collaboration: University Libraries, Illinois and Indiana



Advanced Collaborative Support Awards

- **Detecting Literary Plagiarisms: The Case of Oliver Goldsmith.** Douglas Duhaime. University of Notre Dame: *....developing tools for detecting plagiarisms...to detect the literary thefts of Goldsmith.*
- **Taxonomizing the Texts: Towards Cultural-Scale Models of Full Text.** Colin Allen, Jaimie Murdock. Indiana University Bloomington. *...a cultural-scale investigation and topic modeling....random sampling to select collections according to the Library of Congress Subject Headings (LCSH).*
- **The Trace of Theory.** Geoffrey Rockwell, Laura Mandell, Stefan Sinclair, Matthew Wilkens, Susan Brown. University of Alberta, Texas A&M University, University of Notre Dame. *...aim to subset theoretical subsets from the HT public corpus and apply large-scale topic modeling... develop tools and computational methods for tracking the concept of "theory".*
- **Dr. Michelle Alexopolous,** University of Toronto...tracking technology diffusion through time using the HT corpus.



HTRC UnCamp

- MAR 30-31, 2015, Ann Arbor, MI
 - Workshops, speakers, demonstrations

- Keynotes

Michelle Alexopoulos, Professor, University of Toronto
March 30, 2015, 8:45 to 9:45 am

Erez Lieberman Aiden, Assistant Professor, Baylor College
of Medicine
March 31, 2015, 11:00 am to 12:00 pm

http://www.hathitrust.org/htrc_uncamp2015



Some Thoughts on the Present and Future



How are we positioned?

- Our mission, collection, and the repository operations are all strong.
- Our brand reputation is outstanding.
- Our work is solidly supported by the law.
- We have expanded access in unprecedented ways.
- The partnership provides a solid base for action.
- We have very important programs underway.



Drivers to Set Immediate Repository Priorities

- Improved user experience
 - Backlog of requested/vetted enhancements
 - Regular upgrades, problem fixes, etc
- Supports current initiatives
 - Registry project
 - GPO partnership
 - Research Center data transfers
- Positions us to improve service for users with Print Disabilities
 - Two factor authentication
- Positions us to expand service portfolio and the universe of what we collect.
 - Support for additional text formats, e.g., PDF, Epub, TEI.



Some Pending Issues

- Metadata policy and strategy
- Quality metrics and assessment
- Additional content-types (non-text)?
- Methods to solicit and evaluate proposals for development
- Analytics services
- Translating HTRC research into operations.



What needs thought?

- Strategy, mission, and role in the future
 - (Inter)National digital infrastructure
 - Public policy
 - Membership growth
 - Collections program
 - Services portfolio
- Organizational
 - Engagement with researchers and libraries
 - Enabling more participation in plans and action
 - Standing on our own



Assumptions

- Our actions must align with the mission, goals, and purpose across our partnership.
- A few additional assumptions
 - We should pursue complementarity and cooperation, not competition and duplication.
 - Scale will continue to drive our strategies
 - Potential partners are not just other libraries and library organizations, but also readers, authors, publishers.



How to find out more

- About: <http://www.hathitrust.org/about>
- Resources: <http://www.hathitrust.org/resources>
- Twitter: <http://twitter.com/hathitrust>
- Facebook: <http://www.facebook.com/hathitrust>
- Monthly newsletter:
 - <http://www.hathitrust.org/updates>
 - RSS http://www.hathitrust.org/updates_rss
- Contact us: feedback@issues.hathitrust.org
- Blogs: <http://www.hathitrust.org/blogs>
 - Large-scale Search
 - Perspectives from HathiTrust



Thank you!

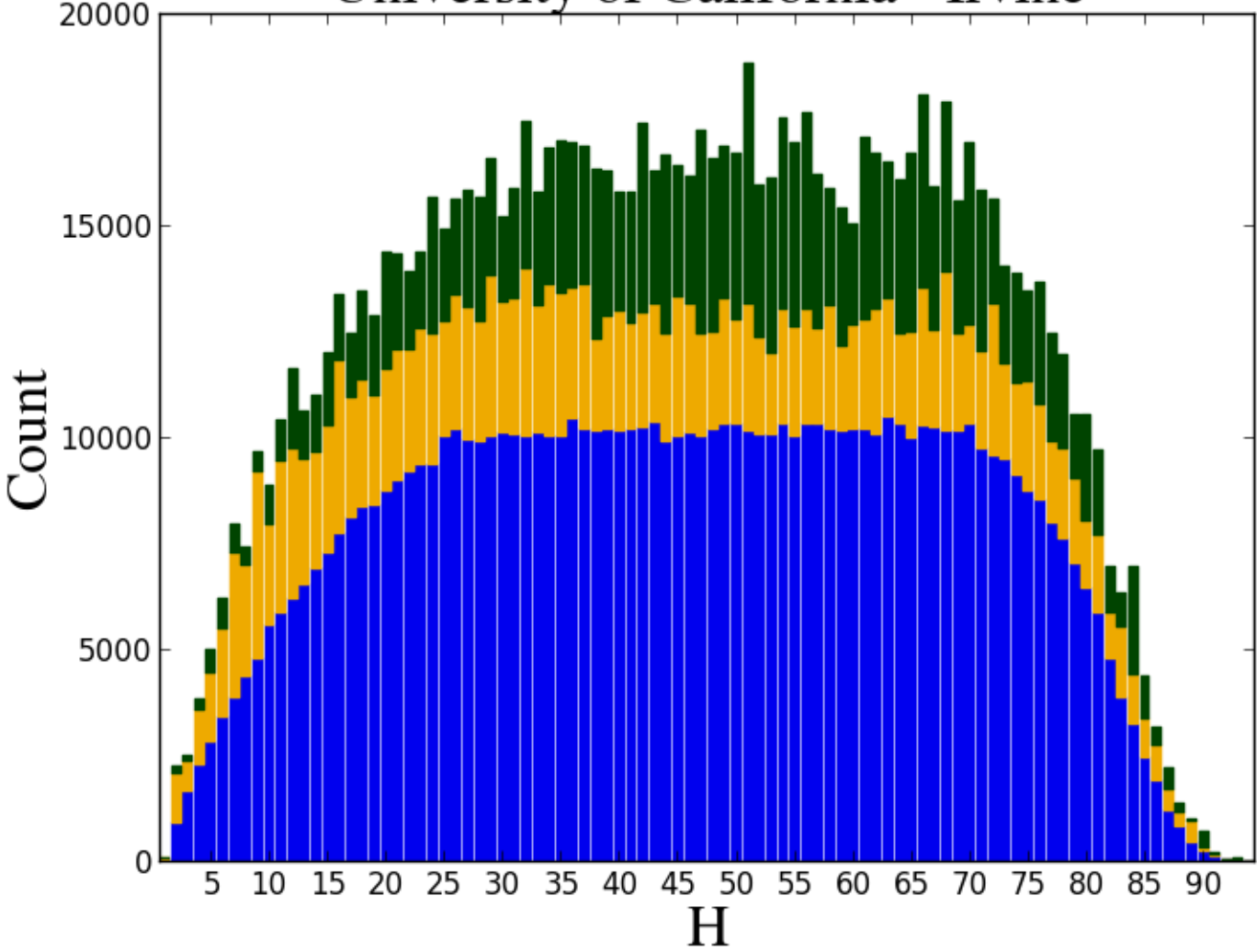
furlough@hathitrust.org
@MikeFurlough



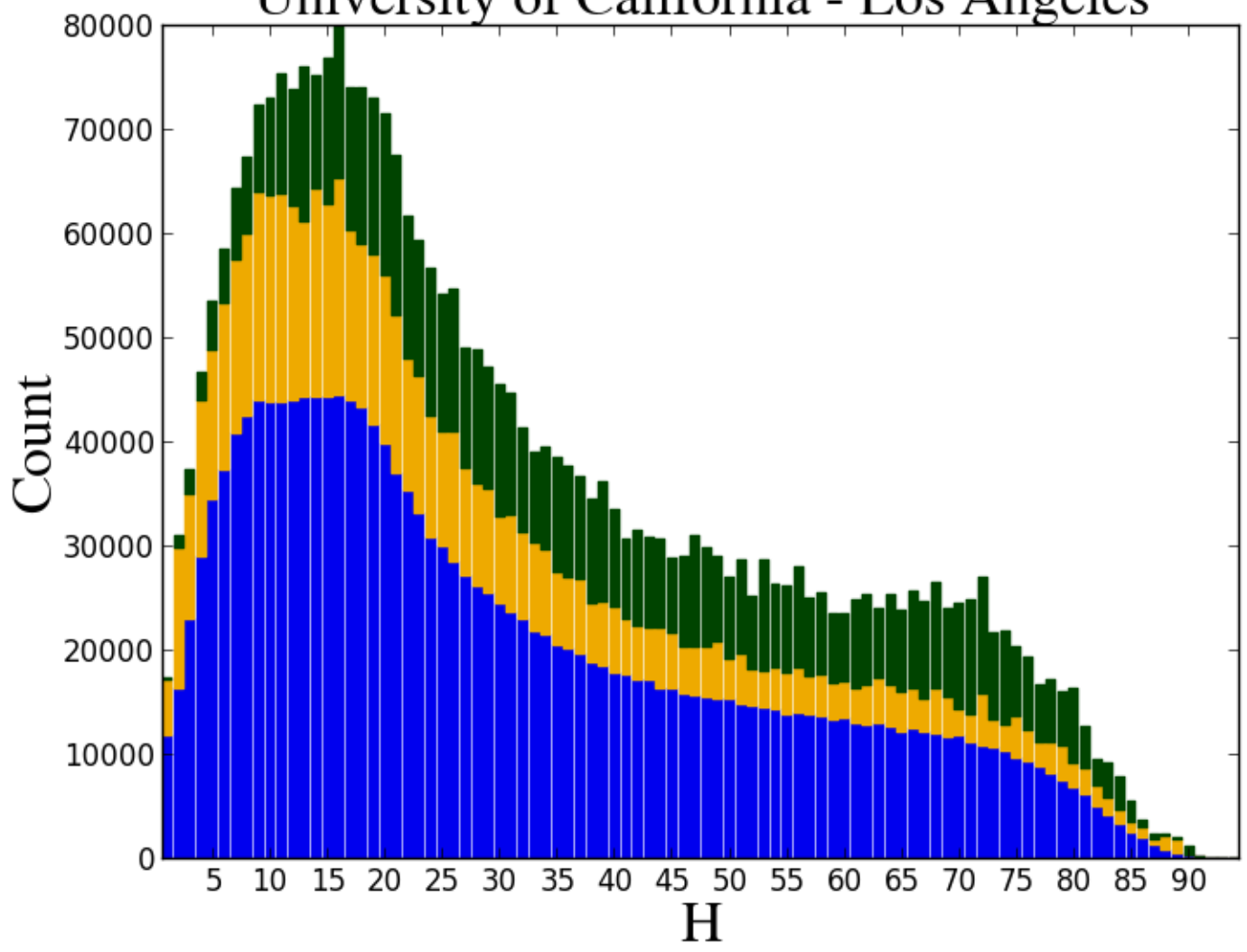
Partnership



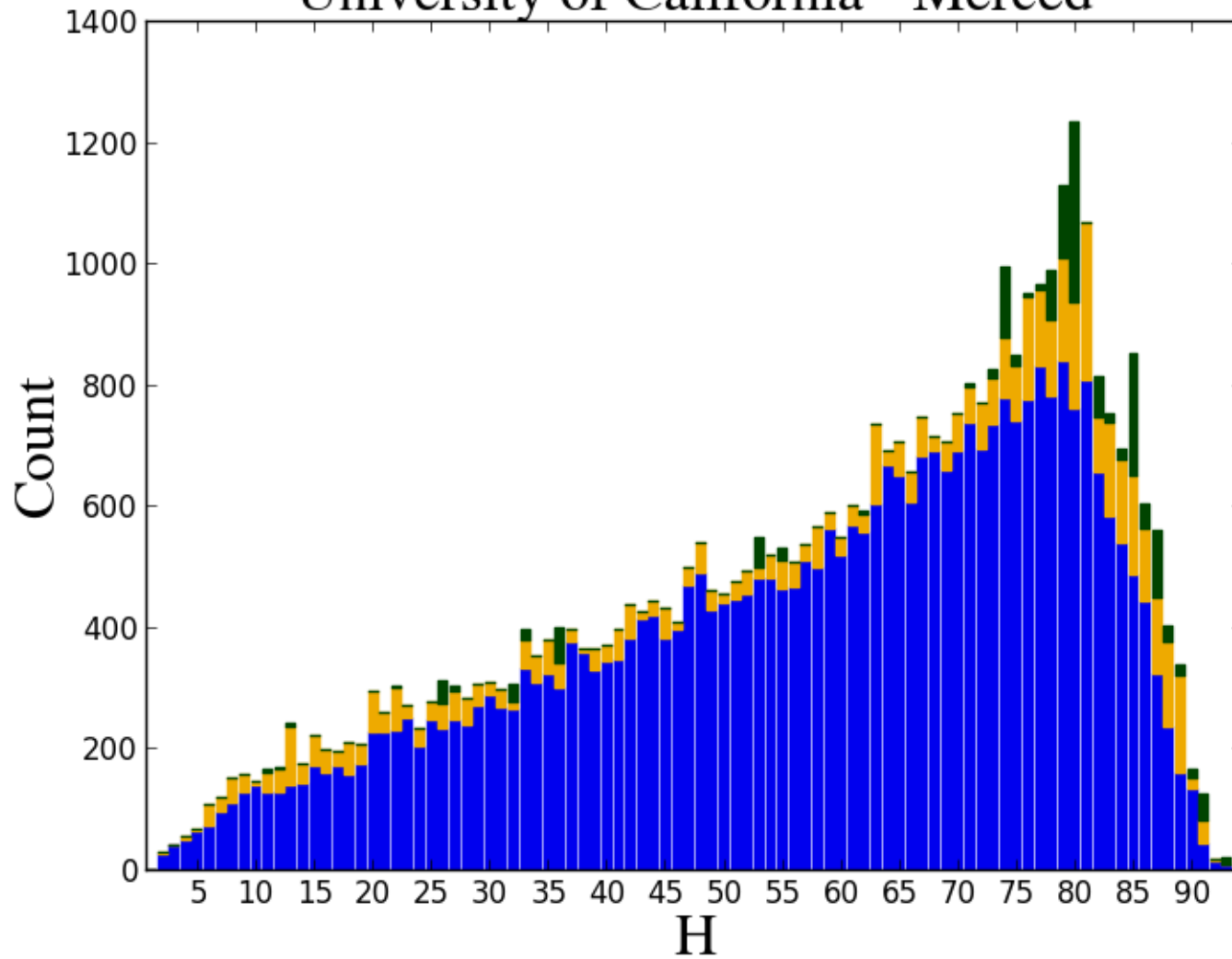
University of California - Irvine



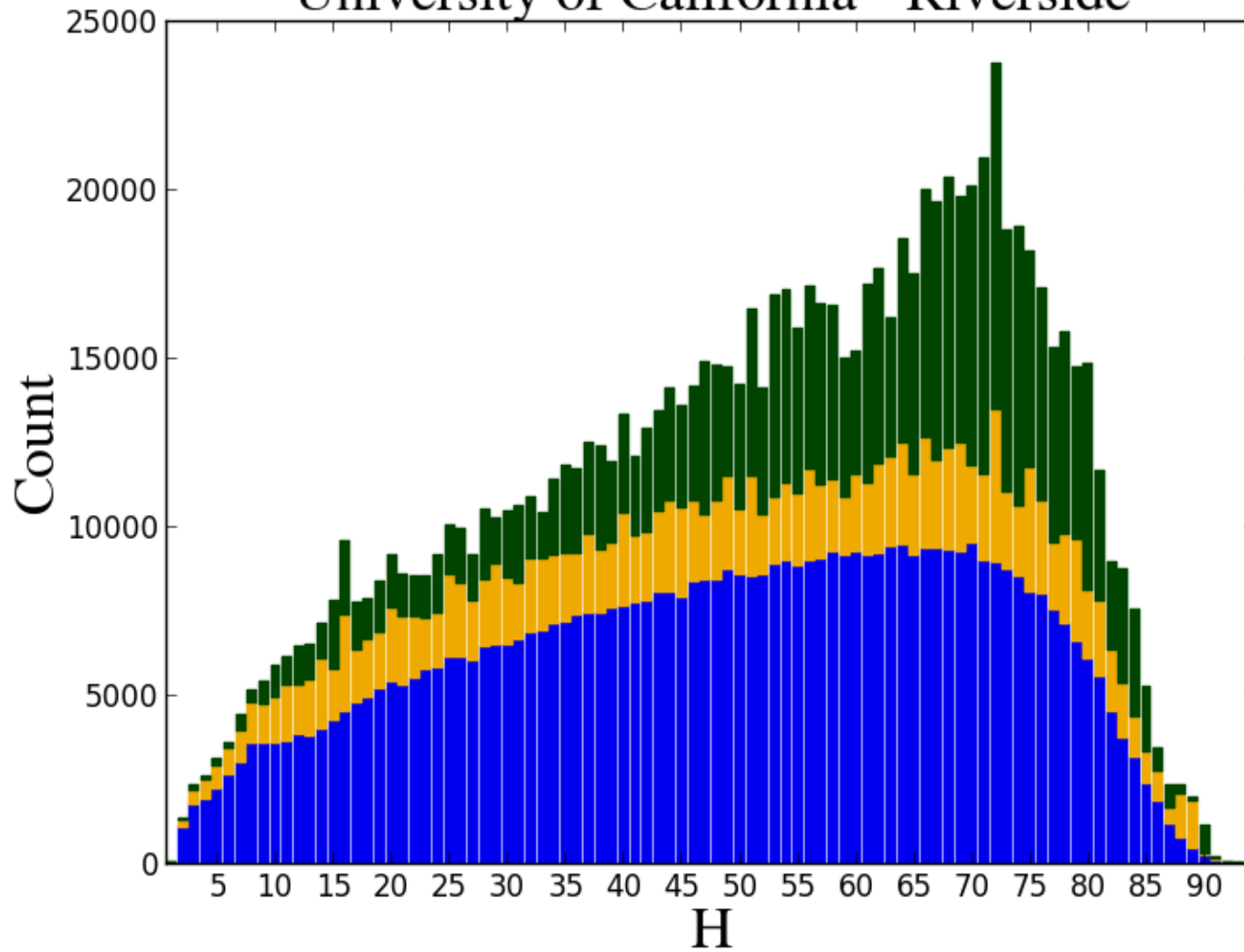
University of California - Los Angeles



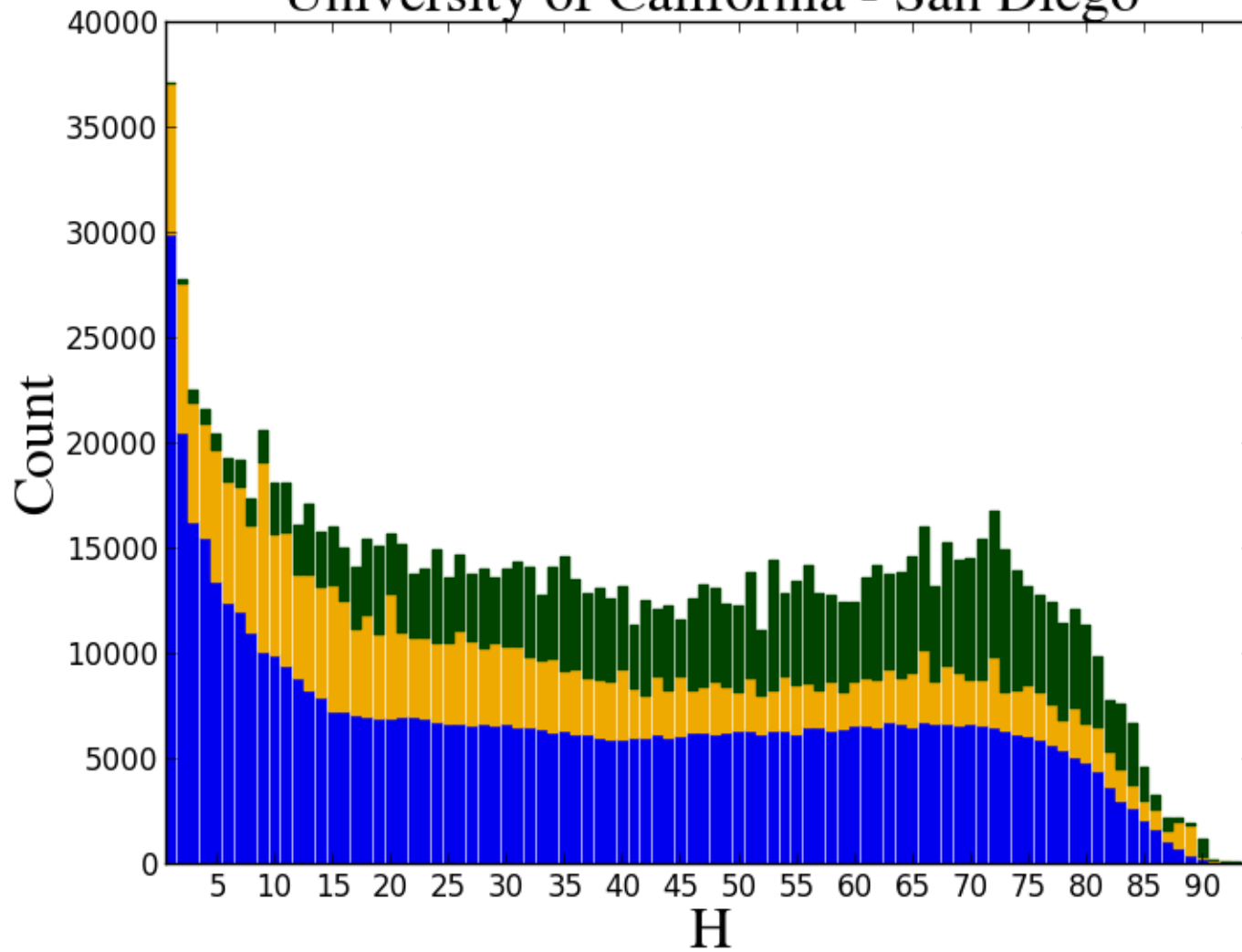
University of California - Merced



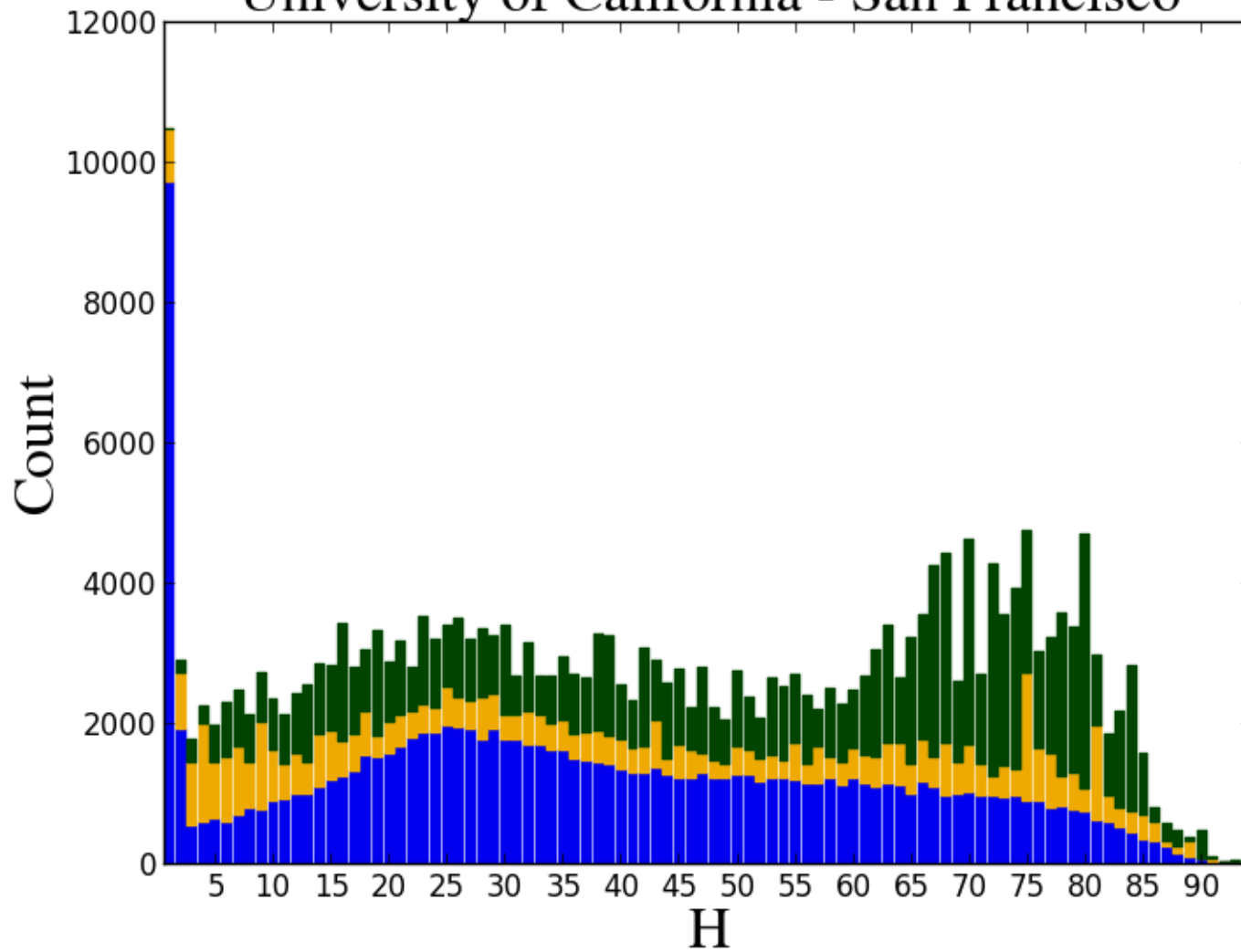
University of California - Riverside



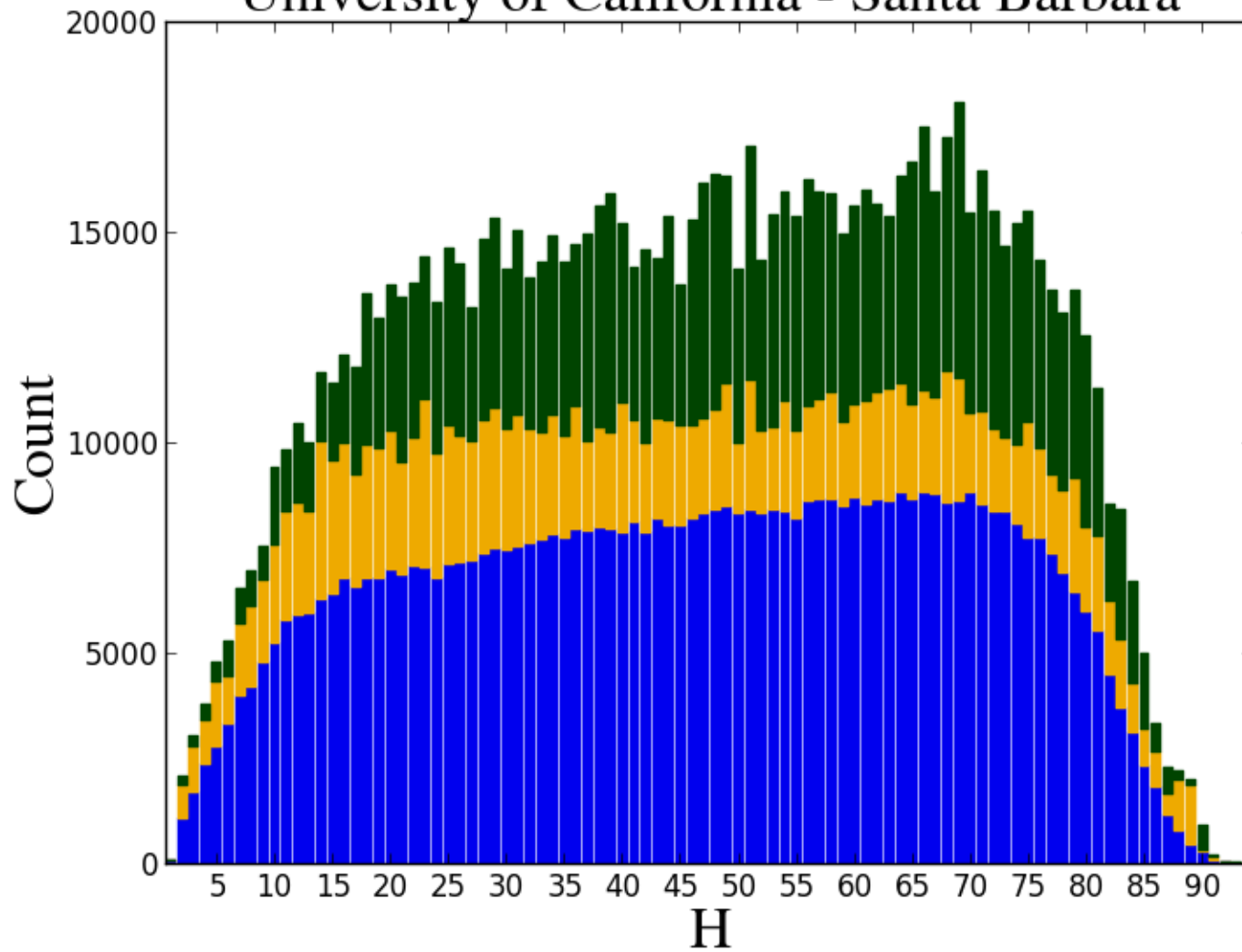
University of California - San Diego



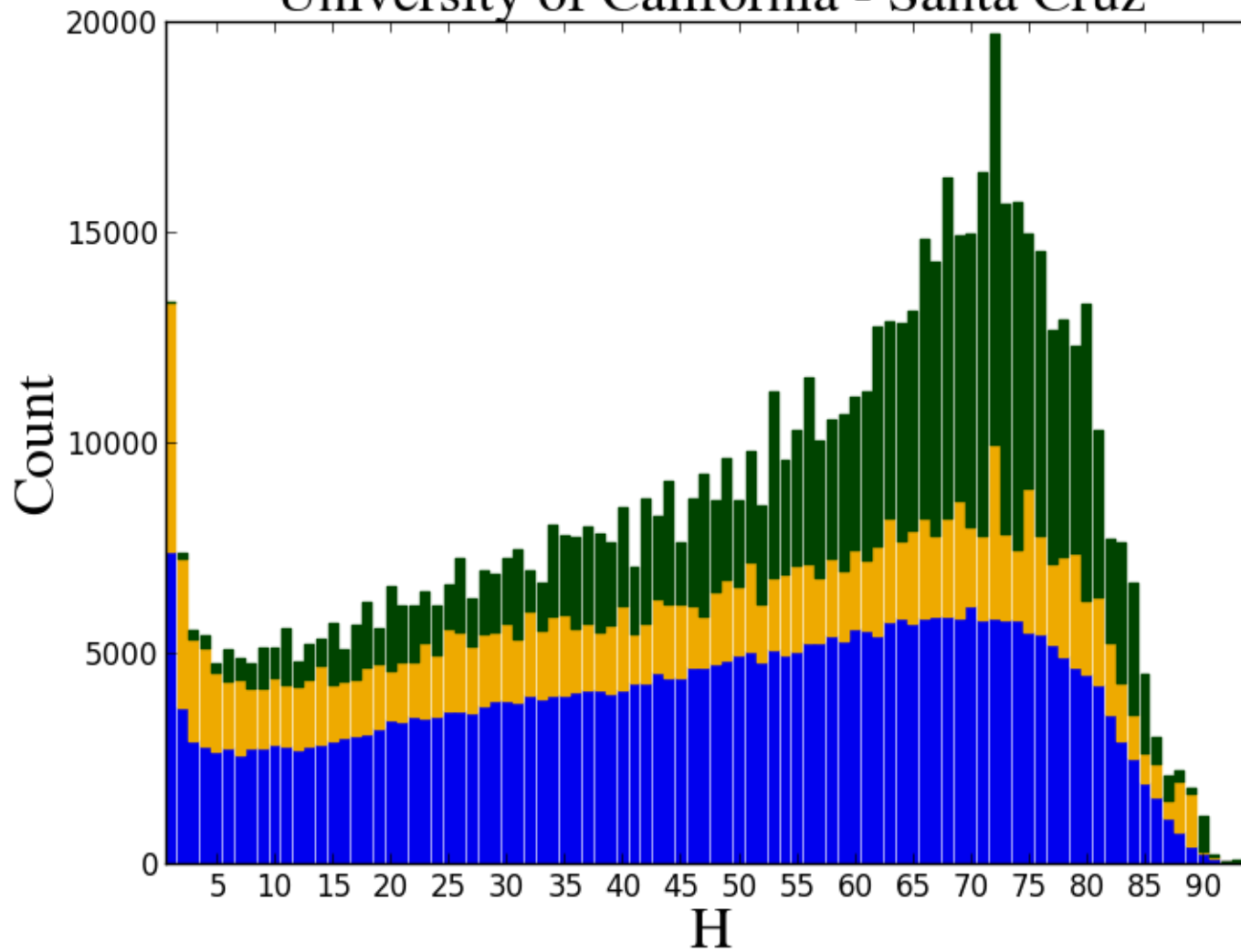
University of California - San Francisco



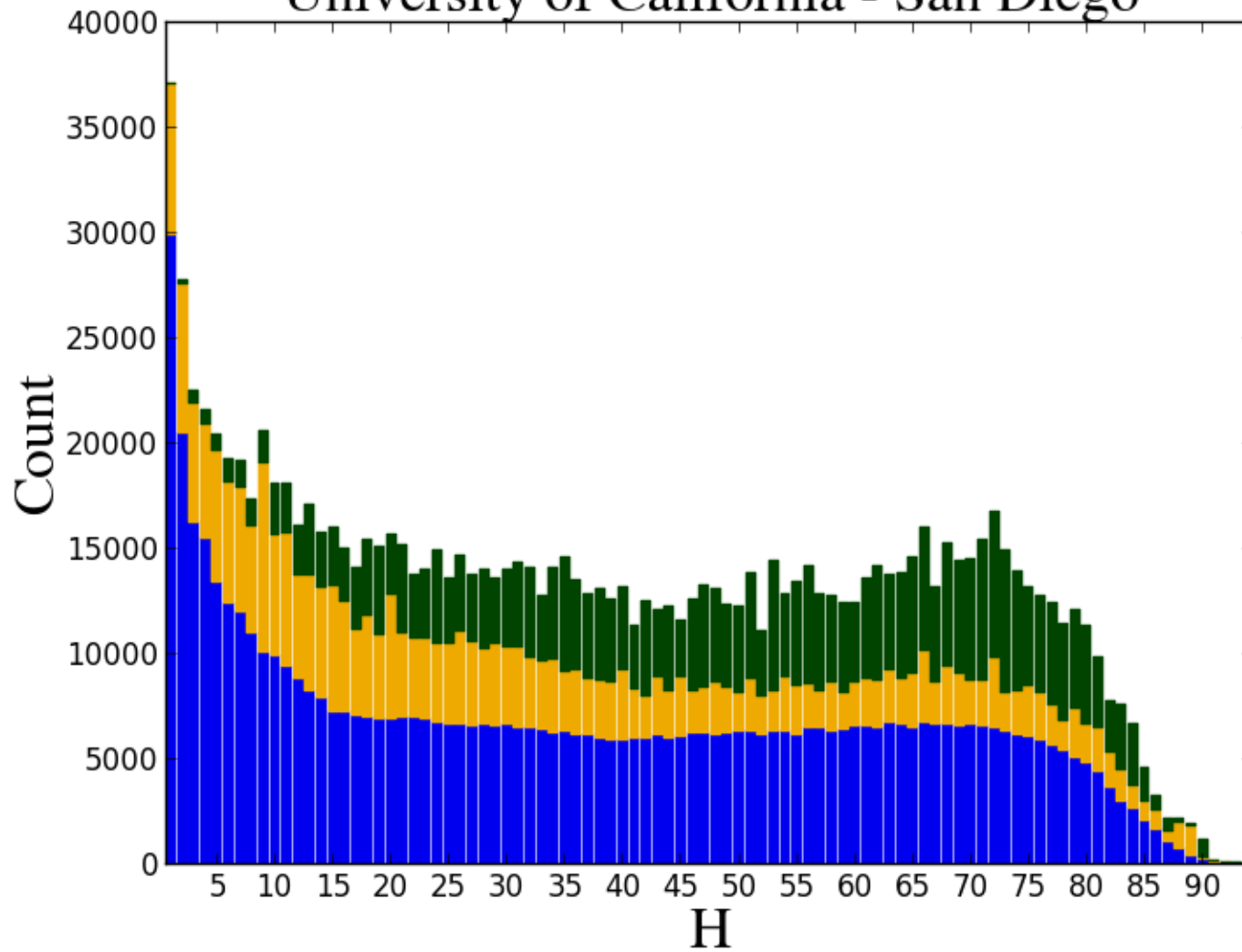
University of California - Santa Barbara



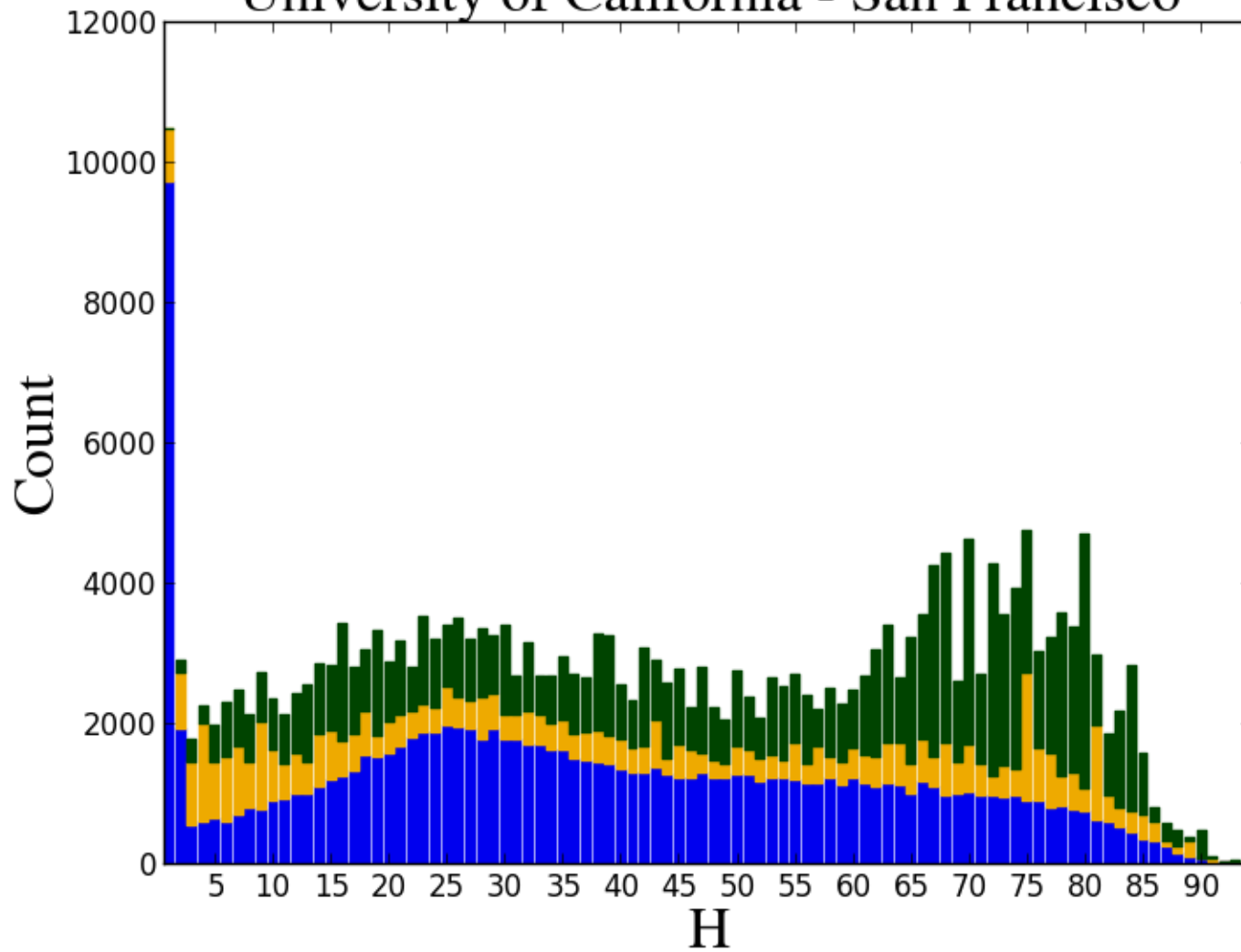
University of California - Santa Cruz



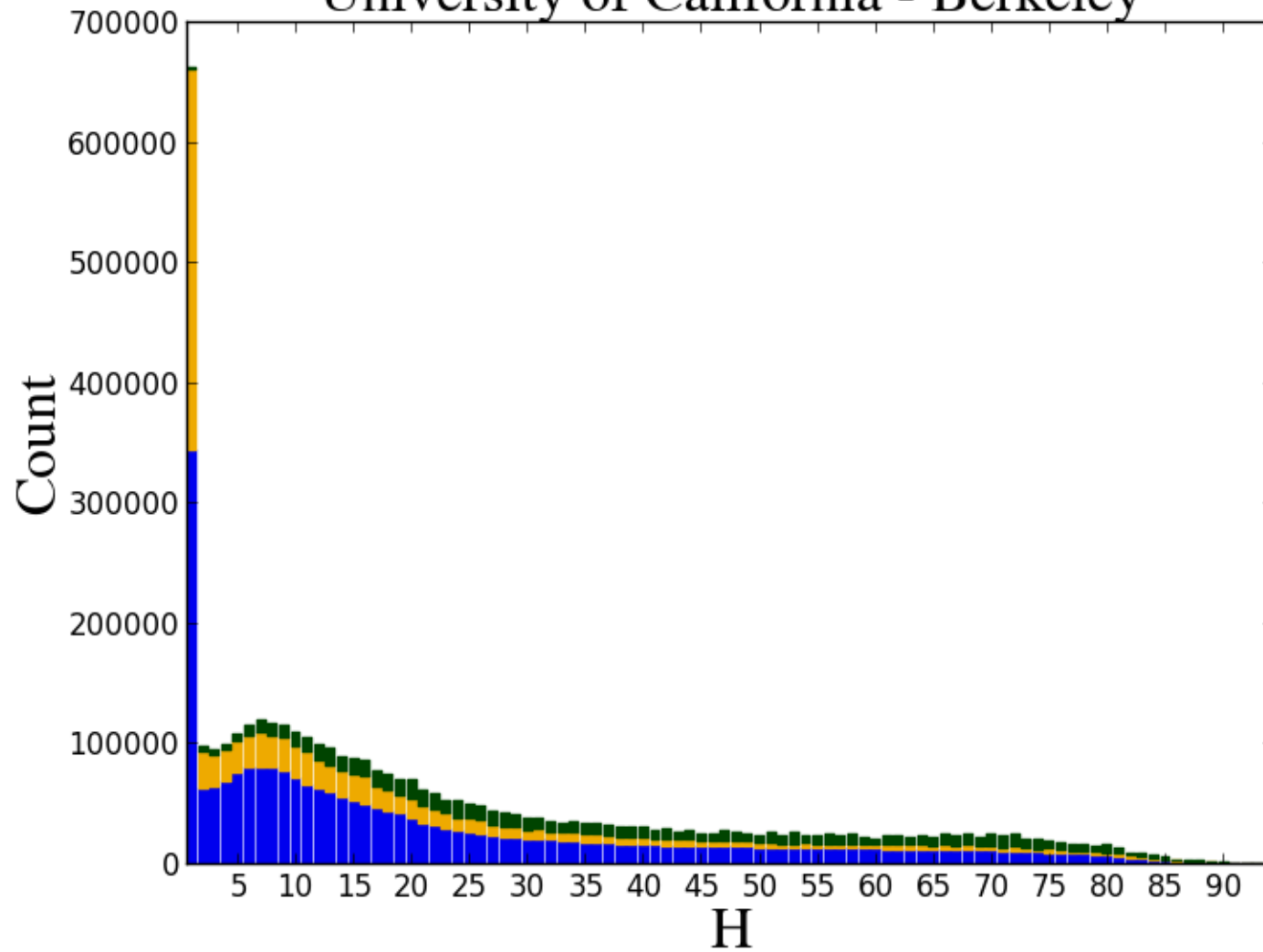
University of California - San Diego



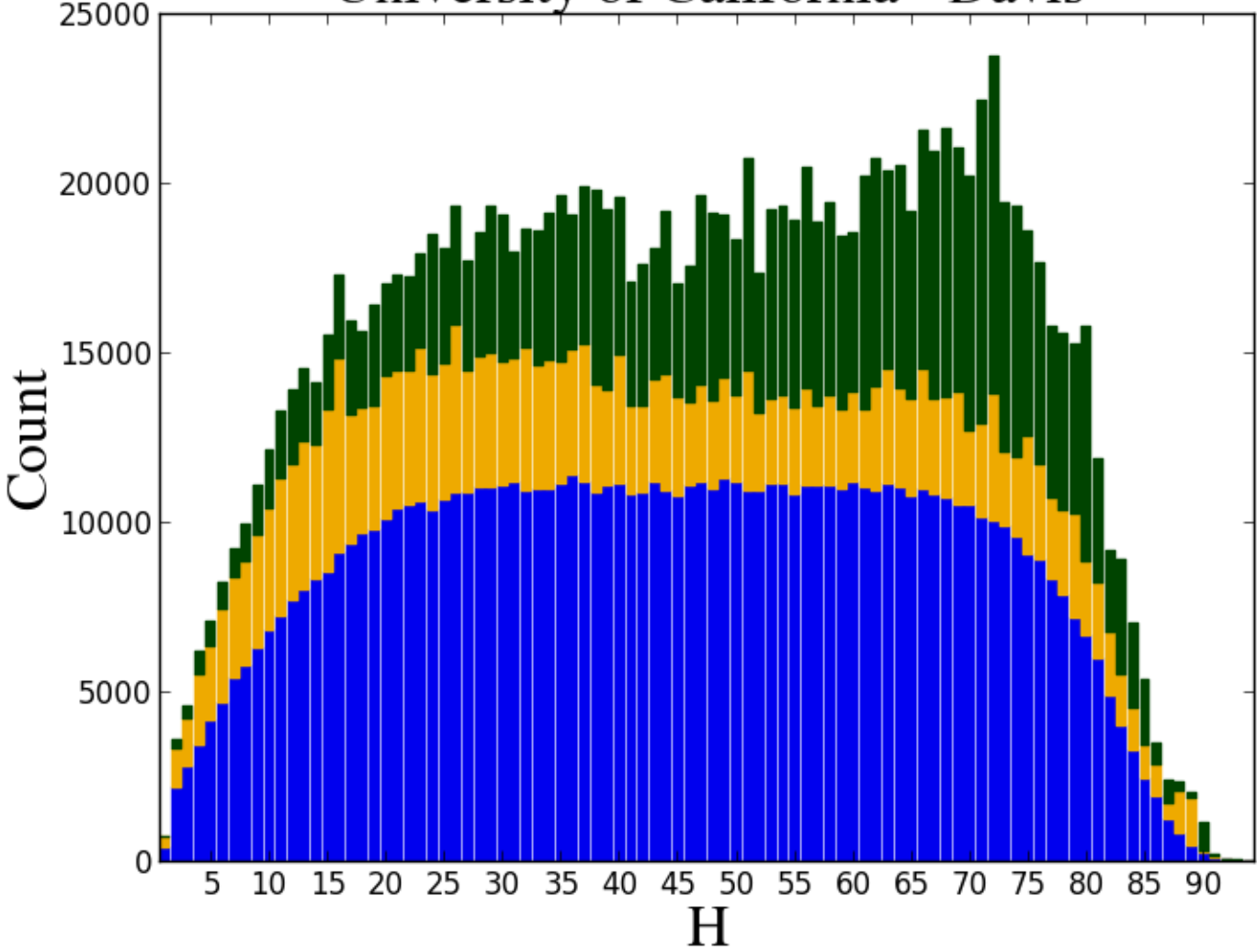
University of California - San Francisco



University of California - Berkeley



University of California - Davis



UC Collection Overlap (by titles)

	Submitted	In Hathi	Percent
single-part monographs	9,766,951	3,332,926	34.1%
multi-part monographs	985,087	467,318	47.4%
serials	349,422	89,545	25.6%
TOTAL	11,101,460	3,889,789	35.0%

