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Number of Authors per MEDLINE®/PubMed® Citation 2014 April 03

Detailed Indexing Statistics: 1965-20132014 March 17

Citations Added to MEDLINE® by Fiscal Year 2014 March 17

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NLM to Host Symposium, "The National Library of Medicine, 1984-2014: Voyaging to the Future," May 14, 2014 2014 April 16

NLM and Wellcome Library Establish Agreement to Make 150 Years of Biomedical Journals Freely Available Online

2014 April 16

New Exhibition-related Resources: Online Adaptation of "Pick Your Poison," Educational Resources for "From DNA to Beer" 2014 April 03

Most Popular

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Structured Abstracts in MEDLINE: Newly Identified and Mapped Labels Available

2014 MARCH-APRIL No. 397 Issue Completed April 30, 2014

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Updated Route of Administration Subset Available

Updated Route of Administration Subset Available. NLM Tech Bull. 2014 Mar-Apr; (397):b7.

2014 April 17 [posted]

An updated SNOMED CT Route of Administration Subset is now available for download. This Route of Administration Subset is derived from the March 2014 US Edition of SNOMED CT.

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New CMT Subset Available

New CMT Subset Available. NLM Tech Bull. 2014 Mar-Apr;(397):b6.

2014 April 03 [posted]

The Injury Part 3 and Injury Total (Problem List Subsets Parts 1, 2, and 3) Release Files from Convergent Medical Terminology (CMT) are available for download by UMLS licensees.

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New TOXNET Interface Coming in Spring 2014

New TOXNET Interface Coming in Spring 2014. NLM Tech Bull. 2014 Mar-Apr;(397):b5.

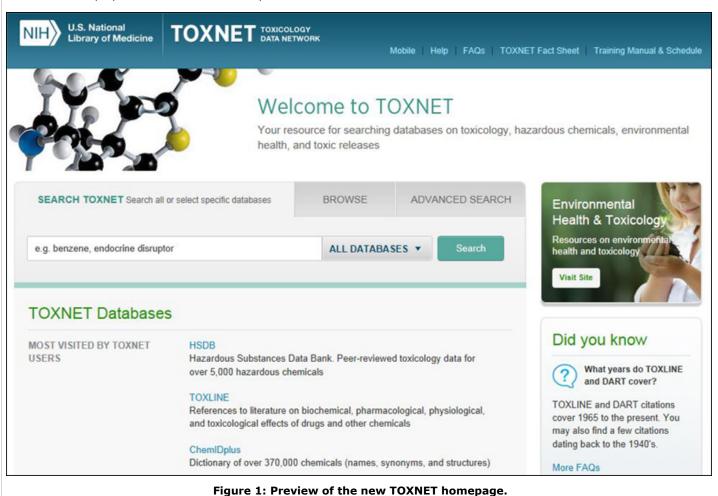
2014 March 28 [posted] 2014 May 21 [Editor's note added] 2014 June 13 [Editor's note added]

[Editor's note added on May 21, 2014: The new TOXNET interface is now available for preview from the TOXNET homepage. We welcome your feedback on the new interface. Please send comments and questions to NLM Customer Service.]

[Editor's note added on June 13, 2014: The new TOXNET interface was implemented on June 12, 2014.]

A new NLM TOXNET interface will be introduced this Spring. It will provide an improved appearance and interactive capabilities as well as a more current look and feel. See Figure 1 for a preview of the new homepage.

The Division of Specialized Information Services is currently wrapping up usability testing on the updated system. We value your feedback and hope you will take the time to explore the new TOXNET on its release.



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Last updated: 13 June 2014 **Permanence level:**Permanent: Stable Content

NLM TOXNET and TOXMAP Now Include TRI 2012 Data

NLM TOXNET and TOXMAP Now Include TRI 2012 Data. NLM Tech Bull. 2014 Mar-Apr; (397):b4.

2014 March 19 [posted]

[Editor's Note: This is a reprint of an announcement published on NLM-Tox-Enviro-Health-L, an e-mail announcement list available from the NLM Division of Specialized Information Services. To subscribe to this list, please see the NLM-TOX-ENVIRO-HEALTH-L Join, Leave, or Change Options page.]

The National Library of Medicine (NLM) TOXNET TRI and TOXMAP now include the TRI 2012 National Analysis data, the most current final TRI data available.

The Toxics Release Inventory (TRI), a resource of the US EPA, is a set of publicly available databases containing information on releases of specific toxic chemicals and their management as waste, as reported annually by US industrial and federal facilities. This inventory was established under the Emergency Planning and Community Right to Know Act (EPCRA) of 1986. TRI's data, beginning with the 1987 reporting year, covers air, water, land, and underground injection releases, as well as transfers to waste sites. In agreement with the Pollution Prevention Act of 1990, source reduction and recycling data is also included in TRI.

21,024 facilities reported to the TRI program in 2012 as required by EPCRA, with almost 80,000 submissions. A complete list of TRI chemicals required to be reported to the EPA can be found at http://www2.epa.gov/toxics-release-inventory-tri-program/tri-listed-chemicals. TOXMAP maps on-site TRI releases and also includes EPA Superfund data.

The Toxicology and Environmental Health Information Program (TEHIP) in the Division of Specialized Information Services (SIS) of the NLM provides access to TRI as part of its TOXNET (TOXicology Data NETwork) databases, which cover toxicology, hazardous chemicals, environmental health and related areas.

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New Research Tool - Drug Information Subject Guide

New Research Tool - Drug Information Subject Guide. NLM Tech Bull. 2014 Mar-Apr; (397): b3.

2014 March 13 [posted]

NLM is pleased to announce the release of a new Drug Information subject guide as part of our Subject Guides on Selected Topics series (see Figure 1). The Drug Information subject guide is based on our most frequently asked questions. Our subject guides offer more resources than are on our Frequently Asked Questions (FAQ) pages.

These guides are starting points for health professionals, researchers, librarians, students, and others. Other published guides in our series provide resources for finding:

- Health statistics,
- · Library statistics, and
- Conference proceedings, abstracts, papers, and posters.

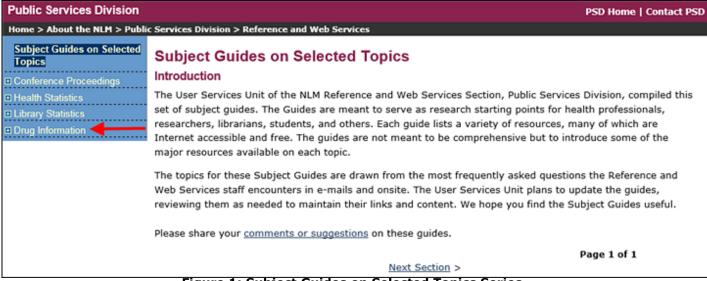


Figure 1: Subject Guides on Selected Topics Series.

A Genetics/Genomics subject guide will be available later this year.

We welcome your feedback on all of our guides. Please send comments, questions, and suggestions to NLM Customer Service.

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New US Edition of SNOMED CT Available: March 2014

New US Edition of SNOMED CT Available: March 2014. NLM Tech Bull. 2014 Mar-Apr; (397):b2.

2014 March 05 [posted]

The release of the US Edition of SNOMED CT® is now available. In addition to 216 new concepts specific to the US, the March US Edition of SNOMED CT also contains all content from the January 2014 International Release of SNOMED CT. The US Edition is the official source of SNOMED CT for use in US healthcare systems.

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Last updated: 05 March 2014
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New US Edition of SNOMED CT Available: March 2014. NLM

Technical Bulletin. 2014 Mar–Apr Page 8 of 21

PubMed Subject Filter Strategies Updated for 2014

PubMed Subject Filter Strategies Updated for 2014. NLM Tech Bull. 2014 Mar-Apr; (397):b1.

2014 March 05 [posted]

PubMed subject filter strategies are reviewed each year to determine if modifications are necessary. Modifications may include revisions due to changes in Medical Subject Heading (MeSH) vocabulary or MEDLINE journals, adding or deleting terms, and changing parts of a strategy to optimize retrieval. The following subset strategies were recently revised:

- Cancer
- Complementary Medicine
- Space Life Sciences
- Systematic Reviews
- Toxicology

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Terrence Sejnowski to Give the 2014 Joseph Leiter NLM/MLA Lecture, June 12, 2014

Terrence Sejnowski to Give the 2014 Joseph Leiter NLM/MLA Lecture, June 12, 2014. NLM Tech Bull. 2014 Mar-Apr; (397):e4.

2014 April 17 [posted]



"The BRAIN Initiative: Connecting the Dots"

Terrence Sejnowski, PhD, will give the 2014 Joseph Leiter NLM/Medical Library Association (MLA) Lecture on Thursday, June 12, 2014, at 1:00 pm (ET) in the Lister Hill Center Auditorium at the National Library of Medicine. The lecture will be recorded and broadcast live on the Web at http://videocast.nih.gov.

Terrence Sejnowski is a pioneer in computational neuroscience and his goal is to understand the principles that link brain to behavior. Sejnowski is interested in the hippocampus, believed to play a major role in learning and memory; and the cerebral cortex, which holds our knowledge of the world and how to interact with it. His laboratory uses both experimental and modeling techniques to study the biophysical properties of synapses and neurons and the population dynamics of large networks of neurons. New computational models and new analytical tools have been developed to understand how the brain represents the world and how new representations are formed through learning algorithms for changing the synaptic strengths of connections between neurons. By studying how the resulting computer simulations can perform operations that resemble the activities of the hippocampus, Sejnowski hopes to gain new knowledge of how the human brain is capable of learning and storing memories. This knowledge ultimately may provide medical specialists with critical clues to combating Alzheimer's disease and other disorders that rob people of the critical ability to remember faces, names, places and events.

Sejnowski is an Investigator with the Howard Hughes Medical Institute and holds the Francis Crick Chair at The Salk Institute for Biological Studies. He is also a Professor of Biology at the University of California, San Diego, where he is co-director of the Institute for Neural Computation and co-director of the Temporal Dynamics of Learning Center. He has published over 400 scientific papers and 12 books, including The Computational Brain, with Patricia Churchland. He is a member of the Institute of Medicine, National Academy of Sciences, and the National Academy of Engineering, one of only 13 living persons to be a member of all 3 national academies. Sejnowski was instrumental in shaping the BRAIN Initiative that was announced from the White House on April 2, 2013, and serves on the Advisory Committee to the Director of NIH for the BRAIN Initiative.

The Joseph Leiter NLM/MLA Lecture was established in 1983 to stimulate intellectual liaison between the MLA and the NLM. Leiter was a major contributor in cancer research at the National Cancer Institute and a leader at NLM as a champion of medical librarians and an informatics pioneer. He served as NLM Associate Director for Library Operations from 1965 to 1983.

Directions to NLM and details about visiting NLM and the NIH campus are available at http://www.nlm.nih.gov/psd/ref/guide/rrdirect.html. Visitors enter the NIH campus through the NIH Gateway Center, the central location for registering and orienting visitors, and must provide one (1) form of identification (a government-issued photo ID — driver's license, passport, green card, etc.). The NIH Gateway Center is accessible from NIH Gateway Drive and is near the exit of the Metro system Medical Center stop (Red Line). All visitors are encouraged to use Metro or other public transportation if at all possible.

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Last updated: 17 April 2014

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MedlinePlus Connect Supports ICD-10-CM Requests

Robison R. MedlinePlus Connect Supports ICD-10-CM Requests. NLM Tech Bull. 2014 Mar-Apr; (397):e3.

2014 April 14 [posted]

The National Library of Medicine is pleased to announce that MedlinePlus Connect now supports ICD-10-CM (International Classification of Diseases, 10th edition, Clinical Modification) queries. Upon receiving a problem code request with an ICD-10-CM code, MedlinePlus Connect returns relevant health information from MedlinePlus, Genetics Home Reference, and other reliable health resources. MedlinePlus Connect will continue to deliver targeted responses to ICD-9-CM and SNOMED CT requests as well.

MedlinePlus Connect is an NLM service for patient portals and electronic health record (EHR) systems to link to patient-friendly and context-relevant information. It responds to code-based requests, and delivers information for patients that relates to a specific diagnosis, medication or lab test. Please refer to previous *NLM Technical Bulletin* articles for more information about MedlinePlus Connect's launch, the addition of lab test response support and a Web service, the integration of Genetics Home Reference content for SNOMED CT requests, and other enhancements.

Please see our documentation pages for information on using ICD-10-CM and other code systems with our Web application or Web service. Also, you can see how MedlinePlus Connect responds to ICD-10-CM codes by using the Web application demonstration page and the Web service demonstration page.

By Rex Robison Reference and Web Services

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NLM @ MLA - 2014

Zipser J. NLM @ MLA - 2014. NLM Tech Bull. 2014 Mar-Apr;(397):e2.

2014 April 07 [posted] 2014 May 22 [Editor's note added]

[Editor's note: Recordings of the NLM Theater Presentations added on May 21, 2014.]

The Annual Meeting of the Medical Library Association (MLA) will be held May 16-21, 2014 at the Hyatt Regency Chicago in Chicago, IL. Attendees are invited to visit the NLM exhibit booth #326 (May 17-20) to meet NLM staff and see NLM Web products and services. The NLM Theater at the booth will feature demonstrations and tutorials on a wide variety of topics.

Mark Your MLA Calendars

Sunday, May 18 (3:30 pm - 4:25 pm) DOCLINE Users Group Meeting

Location: Columbus AB

Tuesday, May 20 (10:30 am - 11:25 am) NLM Update

Location: Grand Ballroom

Speakers:

Dr. Donald A. B. Lindberg, Director Betsy Humphreys, Deputy Director

Joyce Backus, Associate Director for Library Operations

NOTE: With all of the effort to provide real-time updates about NLM products, it has become apparent that the traditional NLM Online Users' Meeting ("Offline with NLM") no longer provides unique information. Therefore, NLM is not hosting a "Sunrise Seminar" Online Users' meeting this year.

NLM Theater Schedule, Booth 326

Recordings of the NLM Theater Presentations are available.

Printer friendly version of the NLM Theater schedule is available.

Sunday, M	lav	18
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Noon	RDA One Year Later
12:30 pm	Using ClinicalTrials.gov to Find Research Results Not Available Elsewhere
1:00 pm	Modernizing History: The New (and much improved) IndexCat Interface
1:30 pm	Still Scanning After All These Years: New Digital Projects from HMD
2:00 pm	NLM Resources Used in Disasters
2:30 pm	Beau-TOX: TOXNET Gets a Facelift
3:00 pm	NLM Resources & Electronic Health Records: MedlinePlusConnect, RxNorm & UMLS
3:30 pm	PubMed Update
4:00 pm	PubMed Commons
4:30 pm	MedlinePlus: Usability, Mobile & Responsive Design

Monday, May 19

10:00 am	PubMed Update
10:30 am	PubMed Health Update

11:00 am My NCBI Update: SciENcv & NIH Public Access

11:30 am	PubMed Commons
1:30 pm	The ACA, Hospital Community Benefit and Needs Assessment: NLM Resources
2:00 pm	Modernizing History: The New (and much improved) IndexCat Interface
2:30 pm	Still Scanning After All These Years: New Digital Projects from HMD
3:00 pm	NLM Resources & Electronic Health Records: MedlinePlusConnect, RxNorm & UMLS
3:30 pm	Beau-TOX: TOXNET Gets a Facelift
4:00 pm	NLM Resources Used in Disasters
4:30 pm	Using ClinicalTrials.gov to Find Research Results Not Available Elsewhere

Tuesday, May 20

10:00 am RDA One Year Later

11:30 am MedlinePlus: Usability, Mobile & Responsive Design

Noon Beau-TOX: TOXNET Gets a Facelift

12:30 pm The ACA, Hospital Community Benefit and Needs Assessment: NLM Resources
1:00 pm NLM Resources & Electronic Health Records: MedlinePlusConnect, RxNorm & UMLS

1:30 pm My NCBI Update: SciENcv & NIH Public Access

2:00 pm PubMed Update

2:30 pm PubMed Health Update

Join us

Please join us at these events! Additional information or changes to this information will be added to this article when they become available.

By Janet Zipser

MEDLARS Management Section

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New Search Interface for the NLM IndexCat Database

DuQuette LA, Smith CN. New Search Interface for the NLM IndexCat. NLM Tech Bull. 2014 Mar-Apr;(397):e1.

2014 March 25 [posted]

NLM is pleased to announce the launch of a new user interface for the IndexCat database. Utilizing the IBM® InfoSphere Data Explorer (DE) software, the new interface offers a faster response time to searches; full record displays in search results; and also record sorting and refinements. NLM also uses DE as the search engine for our main Web site, as well as MedlinePlus, MedlinePlus en Español, the Directory of the History of Medicine Collections search engine, and the History of Medicine Finding Aids Consortium. The DuraSpace Fedora platform will be used for storage of the data.

IndexCat simultaneously searches the digitized version of the printed *Index-Catalogue of the Library of the Surgeon General's Office*; eTK for medieval Latin texts; and eVK2 for medieval English texts; and LocatorPlus. You can link directly to LocatorPlus and, if onsite, can request materials to research in the library.

A post in the NLM Circulating Now blog offers additional information on IndexCat.

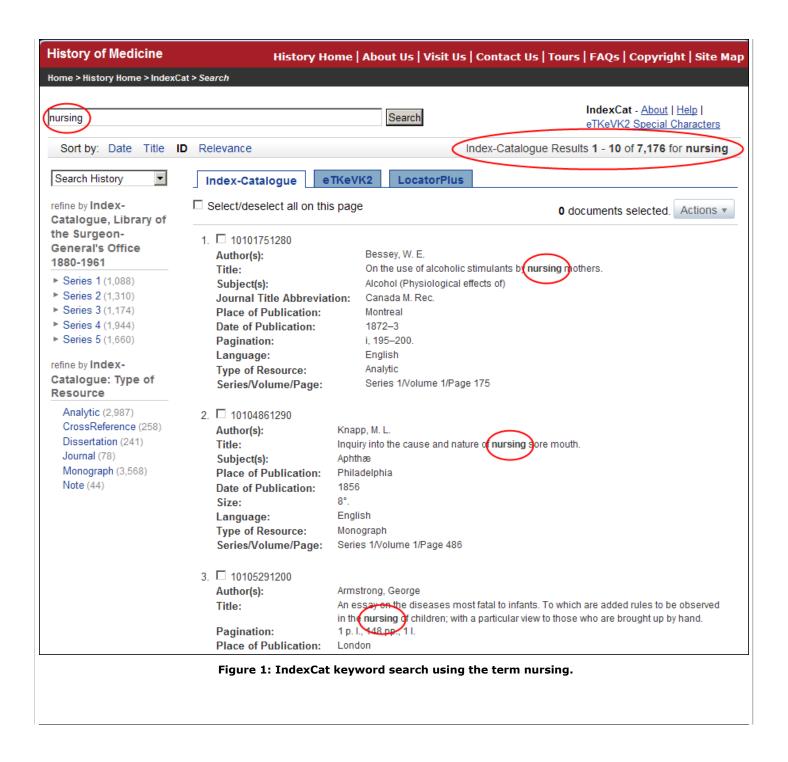
Searching the New IndexCat

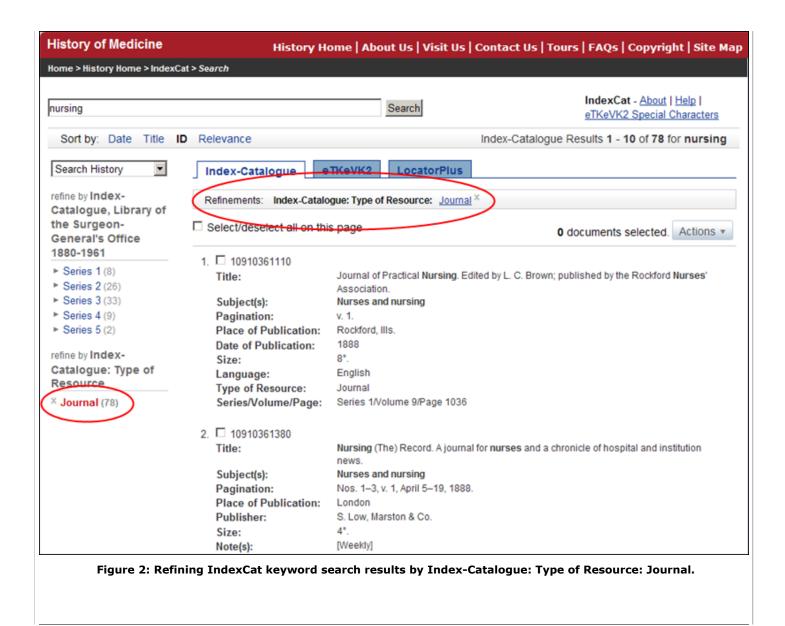
There are a number of new and revised FAQs and Help pages to assist with searching IndexCat.

When you enter a search term, the Index-Catalogue, eTKeVK2, and LocatorPlus tabs are displayed. To see your search results, click on the respective tab.

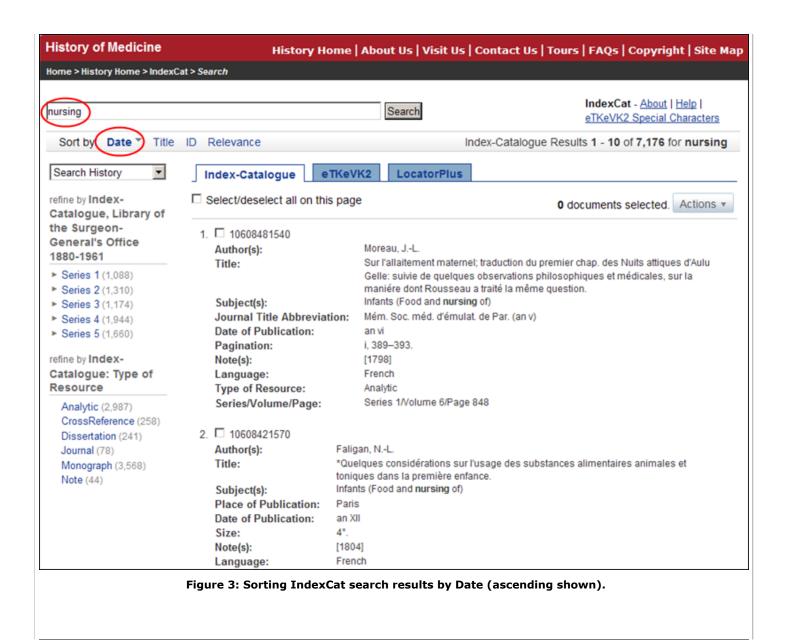
The new IndexCat features include:

- keyword searching for terms anywhere in the bibliographic description (see Figure 1);
- search refinements and sorting options (see Figures 2 and 3);
- combination searching using Boolean AND, OR, or NOT (see Figure 4);
- Phrase searching using double quotes (see Figure 5); and
- final truncation using an asterisk * (see Figure 6 illustrates searching without truncation and Figure 7 for searching with truncation).





New Search Interface for the NLM IndexCat Database. NLM Technical Bulletin. 2014 Mar-Apr



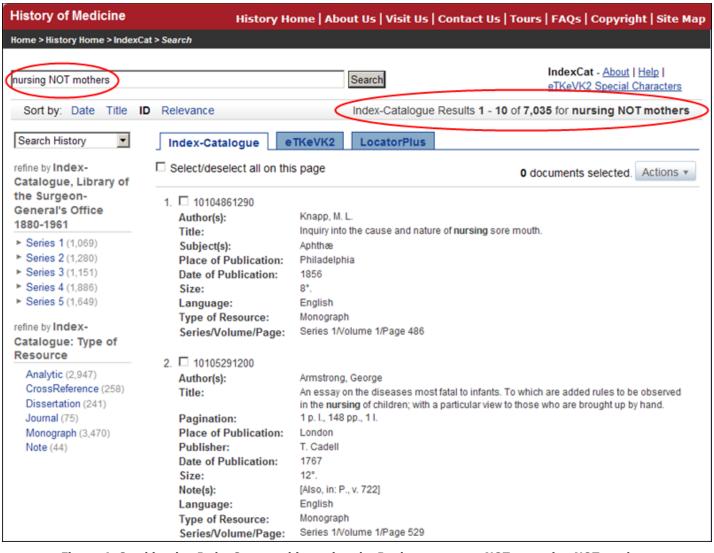
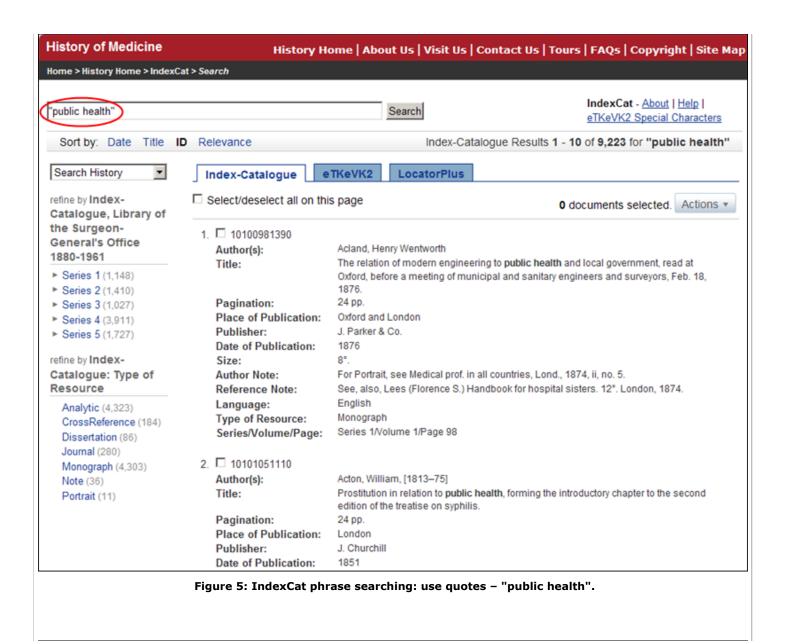


Figure 4: Combination IndexCat searching using the Boolean operator NOT - nursing NOT mothers.



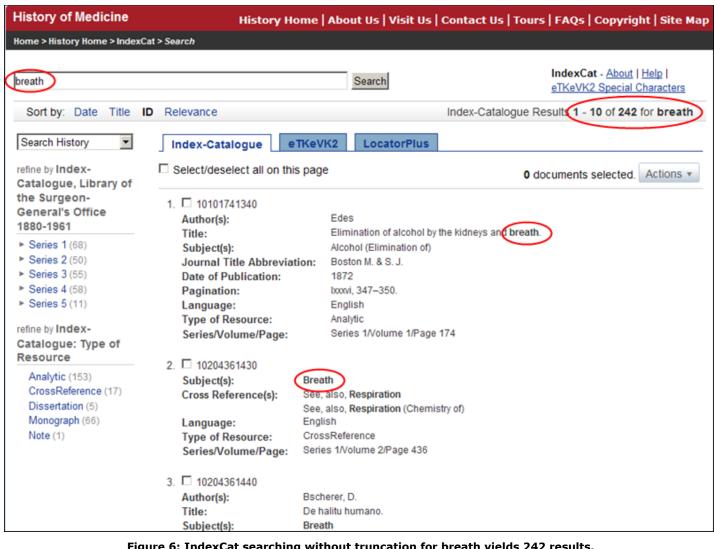
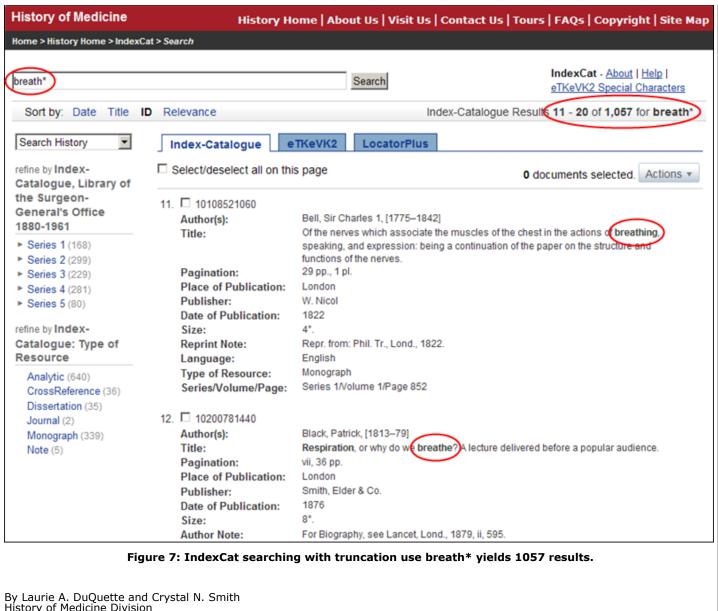


Figure 6: IndexCat searching without truncation for breath yields 242 results.



History of Medicine Division

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