

# The State of the Art in Citation-based Searching: Google Scholar & Beyond

## CONTENT ISSUES

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Dr. Peter Jacso, Professor

Department of Information and Computer Sciences  
University of Hawaii, USA

# The Basics

Why citation based searching ?

Thesaurus based searching is very limited

- It was nice in the 1960s
- Many outdated and simply poor thesauri
- Few are implemented online
- Even fewer are well implemented
- Few end-users would bother to browse the thesaurus



Dynamic Search: SPORTDiscus :

Browse Thesaurus

Enter Subject Term 

select		Related Terms	Type of Term	Records
all	none			
<input type="checkbox"/>		<a href="#">BALKAN REGION</a>		2
<input type="checkbox"/>		<a href="#">INDONESIA</a>	Broader	257
<input type="checkbox"/>		<a href="#">INDONESIE</a>	Broader	127
<input type="checkbox"/>		<a href="#">ALBANIA</a>	Narrower	31
<input type="checkbox"/>		<a href="#">BOSNIA-HERZEGOVINA</a>	Narrower	33
<input type="checkbox"/>		<a href="#">BULGARIA</a>	Narrower	1025
<input type="checkbox"/>		<a href="#">CROATIA</a>	Narrower	336
<input type="checkbox"/>		<a href="#">GREECE</a>	Narrower	2736
<input type="checkbox"/>		<a href="#">MACEDONIA</a>	Narrower	28
<input type="checkbox"/>		<a href="#">MONTENEGRO</a>	Narrower	12
<input type="checkbox"/>		<a href="#">RUMANIA</a>	Narrower	660
<input type="checkbox"/>		<a href="#">SERBIA</a>	Narrower	79
<input type="checkbox"/>		<a href="#">YUGOSLAVIA</a>	Narrower	939

Weird  
Broader term  
(Indonesia)  
for Balkan  
Region

# Basketball as contact sport taekwondo, karate anyone?

## Thesaurus for contact sport

Database: SPORTDiscus

Select	Subject Heading	Hits	Explode	Scope
	[Back up in List]			
<input type="checkbox"/>	<a href="#">consumer</a>	323	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">consumer education</a>	43	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">consumer product safety commission</a>	6	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">contact lenses</a>	137	<input type="checkbox"/>	
<input checked="" type="checkbox"/>	<b>contact sport</b>	273	<input type="checkbox"/>	
	[Narrower Terms]			
<input type="checkbox"/>	<a href="#">basket-ball</a>	0	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">basketball</a>	18346	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">boxe</a>	167	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">boxing</a>	3533	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">football</a>	18417	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">hockey</a>	8777	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">judo</a>	2438	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">wrestling</a>	3908	<input type="checkbox"/>	
	<a href="#">contagious disease</a>			
<input type="checkbox"/>	<a href="#">container</a>	14	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">conte, f.</a>	1	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">conteneur</a>	0	<input type="checkbox"/>	
<input type="checkbox"/>	<a href="#">content analysis</a>	513	<input type="checkbox"/>	

# Students have no attitude?

corporal	punishment (03)	home	student (04)
	pupil (04)	married	student (04)
foreign	pupil (04)	non-enrolled	student (04)
	pupil attitude (21) *	postgraduate	student (04)
	pupil behaviour (24)	undergraduate	student (04)
	pupil equipment (08)	working	student (04)
	pupil integration (27)		student behaviour (24)
	<i>pupil mobility</i>		student demonstration (24)
	USE student mobility (29)		student exchange (27)

# Good controlled vocabulary

<b>MeSH Heading</b>	Battered Women
<b>Tree Number</b>	<a href="#">M01.975.155</a>
<b>Annotation</b>	prefer <a href="#">SPOUSE ABUSE</a> for battering of wives; check tags <a href="#">HUMAN</a> & <a href="#">FEMALE</a>
<b>Scope Note</b>	Women who are physically and mentally abused over an extended period, usually by a husband or other dominant male figure. Characteristics of the battered woman syndrome are helplessness, constant fear, and a perceived inability to escape. (From American Heritage Dictionary of the English Language, 3d ed)
<b>Entry Term</b>	Abused Women
<b>Entry Term</b>	Women, Abused
<b>Entry Term</b>	Women, Battered
<b>Entry Term</b>	Abused Woman
<b>Entry Term</b>	Battered Woman
<b>Entry Term</b>	Woman, Abused
<b>Entry Term</b>	Woman, Battered
<b>See Also</b>	<a href="#">Spouse Abuse</a>
<b>Allowable Qualifiers</b>	<a href="#">CL</a> <a href="#">ED</a> <a href="#">HI</a> <a href="#">LJ</a> <a href="#">PX</a> <a href="#">SN</a>
<b>History Note</b>	95
<b>Unique ID</b>	D018585

# PAIS thesaurus abuse on Dialog

DialogWeb  
Guided Search new search favorites

Dynamic Search: PAIS International :

Browse Thesaurus ?

No related terms found. Please enter another term.

Enter Subject Term  browse

DialogWeb  
Guided Search new search favorites

Dynamic Search: PAIS International :

Browse Thesaurus ?

No related terms found. Please enter another term.

Enter Subject Term  browse

DialogWeb  
Guided Search new search favorites settings order cost

Dynamic Search: PAIS International :

Browse Thesaurus ?

Enter Subject Term  browse

<small>select</small> all none	Related Terms	Type of Term	Records	<input type="button" value="cancel"/>
<input type="checkbox"/>	ABUSE		3811	
<input type="checkbox"/>	CHILD ABUSE	Used For	688	
<input type="checkbox"/>	CRUELTY TO THE AGED	Used For	74	
<input type="checkbox"/>	WIFE BEATING	Used For	238	

# Much out-dated PAIS thesaurus on Dialog, current on CSA

## Dialog Response

Ref	Items	Type	RT	Index-term
R1	0		1	*BATTERED WIVES
R2	238	U	9	WIFE BEATING

© 2003 The Dialog Corporation

Ref	Items	Type	RT	Index-term
R1	238		9	*WIFE BEATING
R2	3272	F	3	ABUSE
R3	49	R	4	ASSAULT AND BATTERY
R4	0	F	1	BATTERED WIVES
R5	0	F	1	CONJUGAL VIOLENCE
R6	457	R	5	FAMILY VIOLENCE
R7	112	R	6	HUSBAND AND WIFE
R8	225	R	9	WIVES
R9	13065	R	24	WOMEN
R10	0	R	5	WOMEN - CRIMES AGAINST



[to Search](#) | [Click on Term to Display Thesaurus](#)

Wife beating

**Use Instead**

























[Spousal abuse](#)

**Previous Term:** [Wiesel, Elie](#)

**Next Term:** [Wijetunga, Dingiri Banda](#)



# Ovid's most informative thesaurus display

Select	Subject Heading	Hits	Explode	Focus	Scope Note
+	Anatomy (Non MeSH)				
+	Organisms (Non MeSH)				
+	Diseases (Non MeSH)				
+	Chemicals and Drugs (Non MeSH)				
+	Analytical, Diagnostic and Therapeutic Techniques and Equipment (Non MeSH)				
+	Psychiatry and Psychology (Non MeSH)				
+	Biological Sciences (Non MeSH)				
+	Physical Science (Non MeSH)				
-	Anthropology, Education, Sociology and Social Phenomena (Non MeSH)				
-	<input type="checkbox"/> Social Sciences	2835	<input type="checkbox"/>	<input type="checkbox"/>	
+	<input type="checkbox"/> Anthropology	1331	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Cost of Illness	5332	<input type="checkbox"/>	<input type="checkbox"/>	
-	<input type="checkbox"/> Criminology	580	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Crime	7538	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Abortion, Criminal	1453	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Fraud	4763	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/> Homicide	8433	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/> Sex Offenses	2891	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Theft	886	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Violence	13271	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Domestic Violence	1886	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/> Child Abuse	10867	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/> Elder Abuse	889	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/> Spouse Abuse	2278	<input type="checkbox"/>	<input type="checkbox"/>	

# Not even that could help in multi database searching

#	Search History	Results	Display
1	spouse abuse.sh. EMBASE <1980 to 2003 Week 26> (0) ERIC <1966 to May 2003> (0) <a href="#">MEDLINE &lt;1966 to June Week 3 2003&gt;</a> (2277) PAIS International <1972 to May 2003> (0) PsycINFO <1974 to June Week 1 2003> (0)	2277	<a href="#">Display</a> <a href="#">No Details</a>
2	wife abuse.sh. <a href="#">EMBASE &lt;1980 to 2003 Week 26&gt;</a> (5) ERIC <1966 to May 2003> (0) MEDLINE <1966 to June Week 3 2003> (0) PAIS International <1972 to May 2003> (0) PsycINFO <1974 to June Week 1 2003> (0)	5	<a href="#">Display</a> <a href="#">No Details</a>
3	spousal abuse.sh. EMBASE <1980 to 2003 Week 26> (0) ERIC <1966 to May 2003> (0) MEDLINE <1966 to June Week 3 2003> (0) <a href="#">PAIS International &lt;1972 to May 2003&gt;</a> (47) PsycINFO <1974 to June Week 1 2003> (0)	47	<a href="#">Display</a> <a href="#">No Details</a>
4	partner abuse.sh. EMBASE <1980 to 2003 Week 26> (0) ERIC <1966 to May 2003> (0) MEDLINE <1966 to June Week 3 2003> (0) PAIS International <1972 to May 2003> (0) <a href="#">PsycINFO &lt;1974 to June Week 1 2003&gt;</a> (1950)	1950	<a href="#">Display</a> <a href="#">No Details</a>
5	battered women.sh. EMBASE <1980 to 2003 Week 26> (0) <a href="#">ERIC &lt;1966 to May 2003&gt;</a> (484) <a href="#">MEDLINE &lt;1966 to June Week 3 2003&gt;</a> (578) PAIS International <1972 to May 2003> (0) PsycINFO <1974 to June Week 1 2003> (0)	1062	<a href="#">Display</a> <a href="#">No Details</a>

Preferred descriptors are sooo different in different databases

Author Title Journal Search Fields Tools Combine Limit Basic Change Database Logoff

#	Search History	Results	Display
1	spouse abuse.sh. <a href="#">Criminal Justice Abstracts &lt;1968 to March 2003&gt;</a> (50) Dissertation Abstracts <1861 to June 2003> (0) Health Periodicals Database <1976 to 1997 Week 21> (0) <a href="#">Sociological Abstracts &lt;1963 to June 2003&gt;</a> (921) Wilson Readers Guide Abstracts <1983 to May 2003> (0) <a href="#">No Details</a>	971	<a href="#">Display</a>
2	spousal abuse.sh. Criminal Justice Abstracts <1968 to March 2003> (0) Dissertation Abstracts <1861 to June 2003> (0) Health Periodicals Database <1976 to 1997 Week 21> (0) Sociological Abstracts <1963 to June 2003> (0) Wilson Readers Guide Abstracts <1983 to May 2003> (0) <a href="#">No Details</a>	0	-
3	partner abuse.sh. Criminal Justice Abstracts <1968 to March 2003> (0) Dissertation Abstracts <1861 to June 2003> (0) Health Periodicals Database <1976 to 1997 Week 21> (0) <a href="#">Sociological Abstracts &lt;1963 to June 2003&gt;</a> (37) Wilson Readers Guide Abstracts <1983 to May 2003> (0) <a href="#">No Details</a>	37	<a href="#">Display</a>
4	battered women.sh. <a href="#">Criminal Justice Abstracts &lt;1968 to March 2003&gt;</a> (3) Dissertation Abstracts <1861 to June 2003> (0) Health Periodicals Database <1976 to 1997 Week 21> (0) <a href="#">Sociological Abstracts &lt;1963 to June 2003&gt;</a> (1286) Wilson Readers Guide Abstracts <1983 to May 2003> (0) <a href="#">No Details</a>	1289	<a href="#">Display</a>

# Free-text (uncontrolled-text) searching

- It's free and pure heaven, or is it?
- Searching of title and abstract is good
- Searching of full-text is even mo' better
- Think what you are missing using free text searching
- Search behaviour of pupils vs Search behavior of students
- Search formulation vs query formulation
- Citation indexing, indexes, indices
- Citation analysis, analyses, analyzing, analysing citations

Results for: *TX analysing* [Add this search to folder](#) |  [D](#)

Find:  in   
not  in   
and  in   
in

[Refine Search](#)

[Search History / Alerts](#)

[Results](#)

1 - 10 of **6008** Pages: [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)

**Narrow Results by Subject:**

[LEARNING](#)

[SOCIAL psychology](#)

[NONFICTION](#)

1. [Qualitative study of Chinese widows' social care in hospice settings.](#)  
W.; Ho, Samuel M. Y.; Tse, Doris Karen F. K. Palliative Medicine, chart; DOI: 10.1191/0269216306  
[PDF Full Text](#) (200K)

# Do you search British or American English?

Results for: *TX analyzing* [Add this search to folder](#) |  [D](#)

Find:  in   
not  in   
and  in   
in

[Refine Search](#)

[Search History / Alerts](#)

[Results](#)

1 - 10 of 19541 Pages: [1](#) [2](#) [3](#) [4](#) [5](#) [Next](#)

**Narrow Results by Subject:**

[UNITED States](#)

[STUDENTS](#)

1. [Face perception: a cross-cultural study.](#)  
Ruiz-Soler, Marc. Journal of Experimental Psychology: Applied, Vol. 70 Issue 4, p. 213-221 (2014); DOI: 10.1037/xap0000000  
(AN 21359200)

[find it](#)

# Why is citation based searching superior?

Implies topical relatedness (except for research methodology related generic works, introductory textbooks)

Far less dependent on

- matching free vocabulary of user & document
- appropriate assignment of descriptors by human indexer
- appropriate choice of descriptors by users
- changing descriptors within a single database
- variant preferred descriptor and lead-in terms across databases

Citations are micro units of thought (Garfield)

Subject headings and descriptors are assigned to the macro level for books, articles, conference papers

# The Citation Chain & Network

- Following the trains of thoughts of authors
- References cited by paper X
- References citing paper X
- The cited papers of the ones cited by and citing paper X
- Hard work in the print world – clicking back and forth on the Web

# The Citation Chain & Network

- Links are the high-tech equivalents of references
- How to know which links (references) are best for you
- Novel clues from the initial search results
- Number of references (reference count)
- “Times cited by” scores (citedness count)
- Ambiguity of the term “citation count”



# The birth of an idea

*Science*, Vol:122, No:3159, p.108-111, July 15, 1955

**Citation Indexes for Science:**

*A New Dimension in Documentation through Association*

Eugene Garfield, Ph.D.

Eugene Garfield



# Eugene Garfield has been telling this since 1955 doing this since the '60s



**GARFIELD E**

[CITATION INDEXES FOR SCIENCE - NEW DIMENSION IN DOCUMENTATION THROUGH ASSOCIATION OF IDEAS](#)

SCIENCE 122 (3159): 108-111 1955

Times Cited: [248](#)

[→ LINKS](#)

**Garfield E**

[How can impact factors be improved?](#)

BRITISH MEDICAL JOURNAL 313 (7054): 411-413 AUG 17 1996

Times Cited: [136](#)

[→ LINKS](#)

[VIEW FULL TEXT](#)

**GARFIELD E**

[CITATION INDEXING FOR STUDYING SCIENCE](#)

NATURE 227 (5259): 669& 1970

Times Cited: [130](#)

[→ LINKS](#)

[VIEW FULL TEXT](#)

**GARFIELD E**

[SCIENCE CITATION INDEX-NEW DIMENSION IN INDEXING - UNIQUE APPROACH UNDERLIES VERSATILE BIBLIOGRAPHIC SYSTEMS FOR COMMUNICATING + EVALUATING INFORMATION](#)

SCIENCE 144 (361): 649& 1964

Times Cited: [102](#)

[→ LINKS](#)

**GARFIELD E, SHER IH**

[NEW FACTORS IN EVALUATION OF SCIENTIFIC LITERATURE THROUGH CITATION INDEXING](#)

AMERICAN DOCUMENTATION 14 (3): 195& 1963

Times Cited: [69](#)

# Few online services and publishers treat cited references well or very well

Web of Science®

SCOPUS

CSA ILLUMINA

ISI Web of Knowledge<sup>SM</sup>

EBSCO  
HOST

SCIENCE @ DIRECT

AR

acm PORTAL  
THE ACM DIGITAL LIBRARY

Blackwell  
Synergy

# Most open access citation databases treat cited refs very well – **but not GS**



partially  
open  
access



# Multi-disciplinary – discipline-focused

- WoS and Scopus largest multidisciplinary databases
- HWP science, med + social science + humanities
- Google Scholar – it is free, and ..... ?
- Microsoft Live Academic Search – no citation counts

# Discipline - oriented databases

- PubMed Central – medicine + related
- arXiv - physics and some related
- NASA/ADS – astrophysics and some related
- PsycINFO– psychology
- ACM DL – computer science
- CiteSeer – computer science
- RePEC and its derivatives – economics
- SMEAL – business

# The effectiveness of citation based searching

- Combination of database content & software capabilities
- PsycINFO as perfect test subject
- Same content with different software capabilities
- The good, the bad and the ugly, and the “does not get it”

# The effectiveness of citation based searching

- What a difference the software can make anyhow? (shrug and fret)
- **What a difference the software can make !**  
(exclaim)

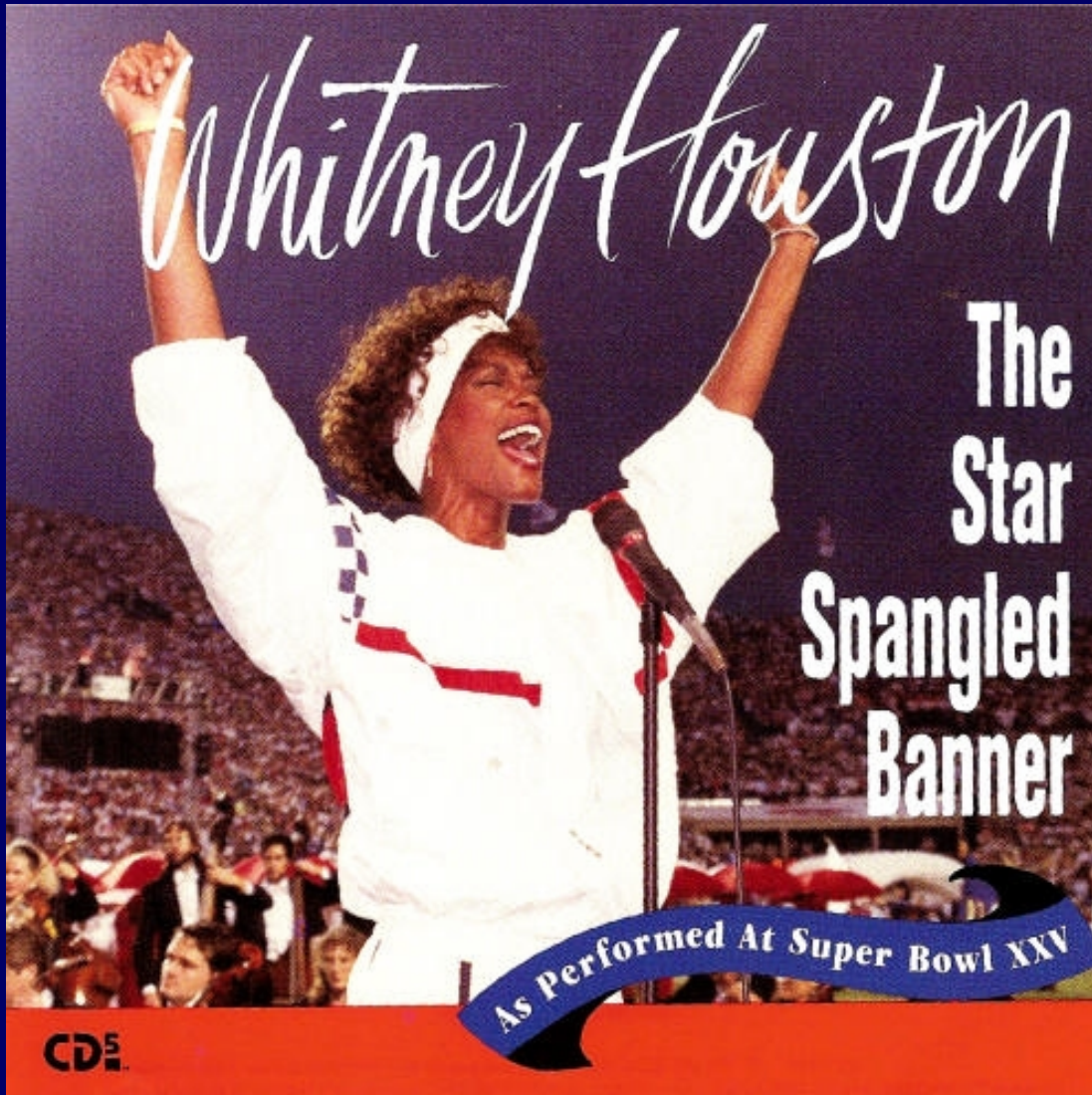


# Citation

collecting,  
parsing,  
indexing,  
matching,

browsing,  
searching,  
sorting,  
ranking  
outputting  
linking

# Same tunes, same lyrics, but...



## Oh Say, Can't You Sing: Celebs Who Tortured the National Anthem

From Rosanne to Jimi Hendrix, 'The Star Spangled Banner' Sometimes Gets Mangled



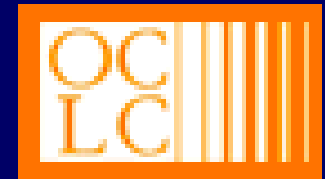
# PsycINFO variations



~~ISI Web of Knowledge<sup>SM</sup>~~



PsycINFO



# Why evaluate and compare databases?

Same reasons as for evaluating and comparing

- Cars, Homes, Vacation Plans, Investments
- Smart spending of big money
- Professional pride (and expectations)
- Need for objective information
- Need for subjective information (your perspective)

## Why compare and evaluate citation-related content and software features -

- Citations as value added data elements are new (except for ISI databases)
- Citations have unique formats, no standard authority control tools
- Citations are mismanaged in many databases
- Citations have great values as author-selected topical “descriptors” & instant bibliographies
- Yes, some citations are irrelevant, manipulative, but ...

## - Why compare and evaluate citation-related content and software features

- Citations can become instant links, or at least search queries for Web-wide search engines, mega-databases, publishers' archives
- Comprehensive set of citations can multiply the value of a single good record by a factor of 10-12
- Records with hot-linked cited references trigger further research
- Long live DOI linking

# The purpose of database comparison

- We did it with print reference sources for a long time
- Content AND Software
- Practical and financial implications
- Thermometers, pulse-meters, blood pressure meters are not enough
- X-Ray, blood tests, DNA tests, MRI
- Quantitative and qualitative aspects
- Quantifiable, measurable vs. philosophical-ideal
- Can't do it in your lunch break
- Going beyond PR-talk of database publishers

# Database content measures

- Size
- Dimensions
- Subject emphases (at journal vs. article level)
- Composition
- Source type coverage
- Journal base
- Consistency/substance of coverage
- The special aspects of cited references as data elements



# Content Measures

- Database size **vs** citation enhanced segment size
- Database dimensions **vs** citation enhanced segment' s dimension
- Subject scope discipline focused **vs** multidisciplinary
- Source type coverage (articles, books, dissertations)
- Journal base with and without cited refs
- Consistency of coverage & citation enhancement
- The hosting environment (context)

# Database size

- Guinness Book of World Records mentality
- Big**est**, Great**est**, Larg**est**, Green**est**
- Fast**est**, Strong**est**, Lean**est**, Mean**est**
- Where is quality? Which is the “best**est**” for **you**?
- Aeroflot – the biggest airline .... and (one of) the worst before glasnost

# Testing the size of WoS

TS=(testing size)

DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;

Timespan=1945-2007

ISI Web of Knowledge<sup>SM</sup> Web of Science   Signe

Select database(s) and timespan:  ▲

**Citation Databases:**

- Science Citation Index Expanded**  
(SCI-EXPANDED)--1945-present
- Social Sciences Citation Index**  
(SSCI)--1956-present
- Arts & Humanities Citation Index**  
(A&HCI)--1975-present

**Chemistry Databases:**

- Current Chemical Reactions**  
(CCR-EXPANDED)--1985-present  
*(includes Institut National de la Propriete Industrielle structure data back to 1840)*
- Index Chemicus (IC)**--1993-present

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME, and then press SEARCH. [View our General Search tutorial](#)

The search will be added to the search history. [[>> View your search history/combine sets](#)]

**TOPIC:**  Enter one or more abstracts.  
*Example: oil spill\* AND "Nc13,703 documents matched your query of the 37,810,824 in the data limits you testing size selected.*

**13,703 results found (Set # 1)** Go to Page:  of 1,371

Records 1 -- 10       ...

# Scopus 5 factor model

**SCOPUS** Peter Jacso is logged in [Logout](#)

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Quick Search

**Scopus: 17** [Web \(0\)](#) [Patents \(0\)](#)

Your query: **TITLE(personality structure five-factor model)** [Edit](#) [Save](#) [Save as Alert](#) [RSS](#) [Search History](#)

Alternative spelling is: [TITLE\(personality structure five-factor model\)](#)

**Refine Results** [Open](#)

**Results: 17** Search within results

[Output](#) [Citation tracker](#) [Add to list](#) Select:  All  Page 1 to 17

	Document (sort by relevance)	Author(s)	Date	Source Title	Cited By
1. <input type="checkbox"/>	<b>Gender invariance of the five-factor model of personality among adolescents: A mean and covariance structure analysis approach</b> <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a> <a href="#">Show Abstract</a>	<a href="#">Gomez, R.</a>	2006	<i>Personality and Individual Differences</i> 41 (4), pp. 755-765	0
2. <input type="checkbox"/>	<b>Predicting workplace delinquency and integrity with the HEXACO and Five-factor models of personality structure</b> <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a> <a href="#">Show Abstract</a>	<a href="#">Lee, K., Ashton, M.C., De Vries, R.E.</a>	2005	<i>Human Performance</i> 18 (2), pp. 179-197	<a href="#">6</a>
3. <input type="checkbox"/>	<b>Psychopathy, Machiavellianism, and Narcissism in the Five-Factor Model and the HEXACO model of personality</b>	<a href="#">Lee, K., Ashton, M.C.</a>	2005	<i>Personality and Individual Differences</i> 38 (7),	<a href="#">6</a>

# Scopus 5 factor model

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Quick Search  [Go](#)

**Scopus: 17** [Web \(0\)](#) [Patents \(0\)](#)

Your query: TITLE(**personality structure five-factor model**) [Edit](#) [Save](#) [Save as Alert](#) [RSS](#) [Search History](#)

Alternative spelling is: [TITLE\(personality structure five-factor model\)](#)

**Refine Results** [Open](#)

**Results: 17** Search within results  [Go](#)

[Output](#) [Citation tracker](#) [Add to list](#) Select:  All  Page 1 to 17

	Document (sort by relevance)	Author(s)	Date	Source Title	Cited By
1. <input type="checkbox"/>	<b>Personality structure: emergence of the five-factor model</b> <a href="#">RefWorks</a> <a href="#">Abstract + Refs</a>	<a href="#">Digman, J.M.</a>	1990	<i>Annual Review of Psychology</i> 41 (1), pp. 417-440	<b>918</b>
2. <input type="checkbox"/>	<b>Relating the Tellegen and five-factor models of personality structure.</b> <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a> <a href="#">Show Abstract</a>	<a href="#">Church, A.T.</a>	1994	<i>Journal of personality and social psychology</i> 67 (5), pp. 898-909	<b>60</b>
3. <input type="checkbox"/>	<b>A five-factor versus six-factor model of personality structure</b> <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a> <a href="#">Show Abstract</a>	<a href="#">Jackson, D.N., Paunonen, S.V., Fraboni, M., Goffin, R.D.</a>	1996	<i>Personality and Individual Differences</i> 20 (1), pp. 33-45	<b>40</b>

# Scopus 5 factor model

**SCOPUS** Peter Jacso is logged in [Logout](#)

[Search](#) [Sources](#) [My Alerts](#) [My List](#) [My Profile](#) [Help](#) [Scopus Labs](#)

Quick Search  [Go](#)

**Scopus: 918** [Web \(32\)](#) [Patents \(0\)](#)

**918 Documents that cite:** [Search History](#)

[Digman J.M.](#)  
**Personality structure: emergence of the five-factor model**  
(1990) *Annual Review of Psychology*, 41 (1), pp. 417-440.  
[Abstract + Refs](#) [RSS](#)

**Refine Results** [Open](#)

**Results: 918** Search within results  [Go](#)

[Output](#) [Citation tracker](#) [Add to list](#) Select:  All  Page 1 to 20

	Document (sort by relevance)	Author(s)	Date	Source Title	Cite
1. <input type="checkbox"/>	<b>Using personality traits to select customer-oriented logistics personnel</b> <a href="#">Abstract + Refs</a> <a href="#">Show Abstract</a>	<a href="#">Periatt, J.A.</a> , <a href="#">Chakrabarty, S.</a> , <a href="#">Lemay, S.A.</a>	2007	<i>Transportation Journal</i> 46 (1), pp. 22-37	
2. <input type="checkbox"/>	<b>VCR: Virtual community recommender using the technology acceptance model and the user's needs type</b> <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a> <a href="#">Show Abstract</a>	<a href="#">Lee, H.-Y.</a> , <a href="#">Ahn, H.</a> , <a href="#">Han, I.</a>	2007	<i>Expert Systems with Applications</i> 33 (4), pp. 984-995	

# Scopus 5 factor model

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[Annual Review of Psychology](#)  
Volume 41, Issue 1, 1990, Pages 417-440



[Basic Format](#) [Extended Format](#)

ISSN: 00664308  
CODEN: ARPSA  
Document Type: Article  
Source Type: Journal  
[RefWorks](#)

[1st Author SCIFUS](#)

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**Personality structure: emergence of the five-factor model**

[Digman, J.M.](#)  

Department of Psychology, University of Hawaii at Manoa, Honolulu, HI 96822, United States

**Abstract**

[No abstract available]

**Language of Original Document**

English

**Cited By since 1996**

This article has been cited **918 times** in Scopus:  
(Showing the 2 most recent)

[. Periatt, J.A. , Chakrabarty, S. , Lemay, S.A.](#)  
Using personality traits to select customer-oriented logistics personnel (2007) *Transportation Journal*  
[Abstract + Refs](#)

[. Lee, H.-Y. , Ahn, H. , Han, I.](#)  
VCR: Virtual community recommender using the technology acceptance model and the user's needs type

# Google Scholar 5 factor model + low-IQ clustering

Google Scholar BETA [Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)   [Advanced Scholar Search](#) [Scholar Preferences](#) [Scholar Help](#)

**Scholar** All articles - [Recent articles](#) Results 1 - 34 of 34 for allintitle: Personality structure five-factor model

All Results

- J Digman
- F Ostendorf
- D Jackson
- M Botwin
- S Paunonen

[Personality Structure: Emergence of the Five-Factor Model](#) - all 3 versions »  
JM Digman - Annual Review of Psychology, 1990 - med.annualreviews.org  
... Analysis the Minnesota Multiphasic Personality Inventory (MMPI ... that the model assumed simple structure, something that the five-factor model simply does ...  
[Cited by 951](#) - [Related Articles](#) - [Web Search](#)




[A five-factor versus six-factor model of personality structure](#) - all 2 versions »  
DN Jackson, SV Paunonen, M Fraboni, RD Goffin - Personality and Individual Differences, 1996 - ingentaconnect.com  
... A five-factor versus six-factor model of personality structure. Authors: Jackson DN 1 ; Paunonen SV; Fraboni M.; Goffin RD. Source ...  
[Cited by 31](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Personality structure: a culture-specific examination of the five-factor model](#)  
L NARAYANAN, S MENON, EL LEVINE - Journal of personality assessment, 1995 - cat.inist.fr  
Personality structure: a culture-specific examination of the five-factor model.  
L NARAYANAN, S MENON, EL LEVINE Journal of personality ...  
[Cited by 13](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Structure of act-report data: Is the five-factor model of personality recaptured](#) - all 2 versions »  
MD Botwin, DM Buss - Journal of Personality and Social Psychology, 1989 - homepage.psy.utexas.edu  
... Different investigations, most based on trait-rating data, have been converging on a five-factor model of personality structure (Digman & Inouye, 1986; Digman ...  
[Cited by 24](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)



# Link from GS 5 factor model to PASCAL db

Commander / Order   

**Titre du document / Document title**  
Personality structure : emergence of the five-factor model

**Auteur(s) / Author(s)**  
DIGMAN J. M. <sup>(1)</sup>;

**Affiliation(s) du ou des auteurs / Author(s) Affiliation(s)**  
<sup>(1)</sup> Univ. Hawaii, dep. psychology, Honolulu HI 96822, ETATS-UNIS

**Résumé / Abstract**  
L'auteur discute un modèle à cinq facteurs de la personnalité qu'il confronte à d'autres systèmes de la personnalité et dont les corrélats des dimensions sont analysés ainsi que les problèmes méthodologiques

**Revue / Journal Title**  
Annual review of psychology (Annu. rev. psychol.) ISSN 0066-4308 CODEN ARPSAC

**Source / Source**  
1990, vol. 41, pp. 417-440 (5 p.)

**Langue / Language**  
Anglais

**Editeur / Publisher**  
Annual Reviews, Palo Alto, CA, ETATS-UNIS (1950) (Revue)

**Mots-clés anglais / English Keywords**  
Models ; Factor analysis ; Personality ; Structure ; Extraversion introversion ; Hostility ; Neurotism ; Stability ; Emotionality ; Theory ; Methodology ; Critical study ; Case history ; Human ;

**Mots-clés français / French Keywords**  
Modèle ; Analyse factorielle ; Personnalité ; Structure ; Extraversion introversion ; Hostilité ; Névrotisme ; Stabilité ; Emotion émotivité ; Théorie ; Méthodologie ; Etude critique ; Historique ; Homme ; Intellect ; Droiture ;

002a26g04 ;

**Mots-clés espagnols / Spanish Keywords**  
Modelo ; Análisis factorial ; Personalidad ; Estructura ; Extraversión introversión ; Hostilidad ; Neurotismo ; Estabilidad ; Emoción emotividad ; Teoría ; Metodología ; Estudio crítico ; Histórica ;

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First Page Image  
**Annual Review of Psychology**  
Vol. 41: 417-440 (Volume publication date January 1990)  
(doi:10.1146/annurev.ps.41.020190.002221)

**Personality Structure: Emergence of the Five-Factor Model**

J M Digman

In lieu of an abstract, this is the article's first page. See the link to the full PDF below.

 Annual Reviews  
[www.annualreviews.org/aronline](http://www.annualreviews.org/aronline)




*Annu. Rev. Psychol. 1990. 41:417-40*  
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**PERSONALITY STRUCTURE:  
EMERGENCE OF THE FIVE-FACTOR  
MODEL**

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# WoS Personality structure 5 factor model

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 Web of Science<sup>®</sup>

 WELCOME  HELP  GENERAL SEARCH  CITED REF SEARCH  STRUCTURE SEARCH  SEARCH HISTORY

## Full Record

Record 1 of 1


**Title:** PERSONALITY STRUCTURE - EMERGENCE OF THE 5-FACTOR MODEL

**Author(s):** [DIGMAN JM](#)

**Source:** ANNUAL REVIEW OF PSYCHOLOGY 41: 417-440 1990

**Document Type:** Review

**Language:** English

**Cited References:** 125 **Times Cited:** 1206  

**Addresses:** DIGMAN JM (reprint author), UNIV HAWAII MANOA, DEPT PSYCHOL, HONOLULU, HI 96822 USA

**Publisher:** ANNUAL REVIEWS INC, 4139 EL CAMINO WAY, PO BOX 10139, PALO ALTO, CA 94303-0139

**Subject Category:** Psychology; Psychology, Multidisciplinary

**IDS Number:** CL907

**ISSN:** 0066-4308

# WoS Personality structure 5 factor model

ISI Web of Knowledge<sup>SM</sup> Web of Science

**Cited References**

[PERSONALITY](#)

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The following documents are bibliographic references

References 1 -- 30

Clear the checkbox to the left of

selected Records, or click

- ALLPORT GW  
PSYCHOL MONOGRAPHS 47
- AMELANG M  
Z DIFFERENTIELLE DIA 3 :
- BANKS C  
BRIT J PSYCHOL STATI 1 :
- BAUMGARTEN F  
BEITRAGE CHARAKTER P 1
- BEM SL  
BEM SEX ROLE INVENTO :
- BIRENBAUM M  
[ON THE LOCATION OF THE MULTIVARIATE BEHAVIORA](#)
- BLOCK J  
[EYSENCKS AND PSYCHOTI](#)  
JOURNAL OF ABNORMAL PS
- BLOCK J  
J PERS SOC PSYCHOL 50 :
- BLOCK J  
LIVES TIME : 1971
- BLOCK J  
Q SORT METHOD PERSON :
- BOND MH  
[UNIVERSALITY AND DISTINCTIVENESS IN DIMENSIONS OF JAPANESE PERSON PERCEPTION](#)  
JOURNAL OF CROSS-CULTURAL PSYCHOLOGY 6 : 346 1975
- BORGATTA EF

- BLOCK J  
Q SORT METHOD PERSON : 1961
- BOND MH  
[UNIVERSALITY AND DISTINCTIVENESS IN DIMENSIONS OF JAPANESE PERSON PERCEPTION](#)  
JOURNAL OF CROSS-CULTURAL PSYCHOLOGY 6 : 346 1975
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JOURNAL OF RESEARCH IN PERSONALITY 22 : 337 1988
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JOURNAL OF PERSONALITY 48 : 379 1980
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[WHY NOT MEASURE THAT TRAIT - ALTERNATIVE CRITERIA FOR IDENTIFYING IMPORTANT DISPOSITIONS](#)  
JOURNAL OF PERSONALITY AND SOCIAL PSYCHOLOGY 48 : 934 1985
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ADV EXPT SOCIAL PSYC 12 : 3 1979
- CARSON RC  
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ANNUAL REVIEW OF PSYCHOLOGY 40 : 227 1989

# WoS Personality structure 5 factor model

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## Citing Articles--Summary

[PERSONALITY STRUCTURE - EMERGENCE OF THE 5-FACTOR MODEL](#)  
DIGMAN JM  
**ANNUAL REVIEW OF PSYCHOLOGY**  
41: 417-440 1990

These documents in the database cite the above record:

**Refine your results**  
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**1,206 results found** Go to Page:   
Records 1 -- 10

Use the checkboxes to select records for output. See the sidebar for options.

- 1. Chapman BP  
[Bandwidth and fidelity on the NEO-Five Factor Inventory: Replicability and reliability of Saucier's \(1998\) item cluster subcomponents](#)  
JOURNAL OF PERSONALITY ASSESSMENT 88 (2): 220-234  
APR 2007  
Times Cited: 0
- 2. Allemand M, Zimprich D, Hertzog C  
[Cross-sectional age differences and longitudinal age changes of personality in middle adulthood and old age](#)  
JOURNAL OF PERSONALITY 75 (2): 323-358 APR 2007  
Times Cited: 0

# Database size – How **big** is it? \*

as of May, 2007

WoS 1945 – May, 2007	38.1 million records
entire Dialog ISI subset	33.3 million records
WoS 1980 – May, 2007	28.4 million records

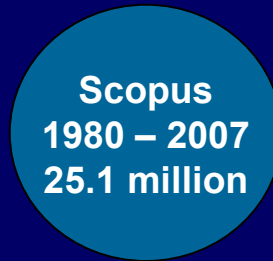
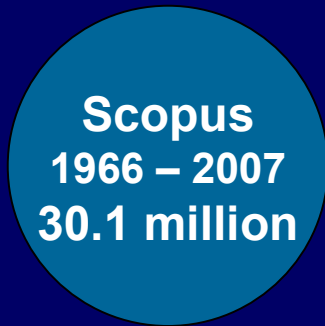
Scopus 1966 – May, 2007	30.1 million records
Scopus 1980 – May, 2007	25.1 million records

Google Scholar (GS) maybe 10-12 million records, but it plays fast and loose in reporting its hit counts and citedness counts & mixes champagne and cheap wine

\* versus how it is big (later)

Scopus is not licensed by subset

# Database Size as of May 15, 2007



ADS  
5.4 million



HWP  
4.3 million



PsycINFO  
2.4 million



CiteSeer  
0.8 million



PMC  
0.97 million



arXiv  
0.4 million



EconPapers  
0.47 million



ACM  
0.2 mill DL  
1 mill AG

# Testing the size of WoS

TS=(testing size)

DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;

Timespan=1945-2007

ISI Web of Knowledge<sup>SM</sup> Web of Science   Signe

Select database(s) and timespan:

▲

Citation Databases:

**i** Science Citation Index Expanded

(SCI-EXPANDED)--1945-present

**i** Social Sciences Citation Index

(SSCI)--1956-present

**i** Arts & Humanities Citation Index

(A&HCI)--1975-present

Chemistry Databases:

**i** Current Chemical Reactions

(CCR-EXPANDED)--1985-present

*(includes Institut National de la Propriete Industrielle structure data back to 1840)*

**i** Index Chemicus (IC)--1993-present

Latest  (updated

May 09, 2007)

Year

From  to

(default is

all years)

Enter terms or phrases separated by the operators AND, OR, NOT, or SAME, and then press SEARCH.

The search will be added to the search history. [[>> View your search history/combine sets](#)]

[View our General Search tutorial](#)

**TOPIC:** **i** Enter one or more abstracts.

*Example:* oil spill\* AND "N testing size

**13,703 results found (Set #1)**

Records 1 -- 10

Go to Page:  of 1,371

⏪ ⏩ [ 1 | 2 ... ] ⏪ ⏩

13,703 documents matched your query of the 37,810,824 in the data limits you selected.



# Testing the size of WoS

TS=(testing size)

DocType=All document types; Language=All languages; Database=SCI-EXPANDED;  
Timespan=1945-2007

12,967 documents matched your query of the 30,747,154 in the data limits you selected.

TS=(testing size)

DocType=All document types; Language=All languages; Database=SSCI; Timespan=1945-2007

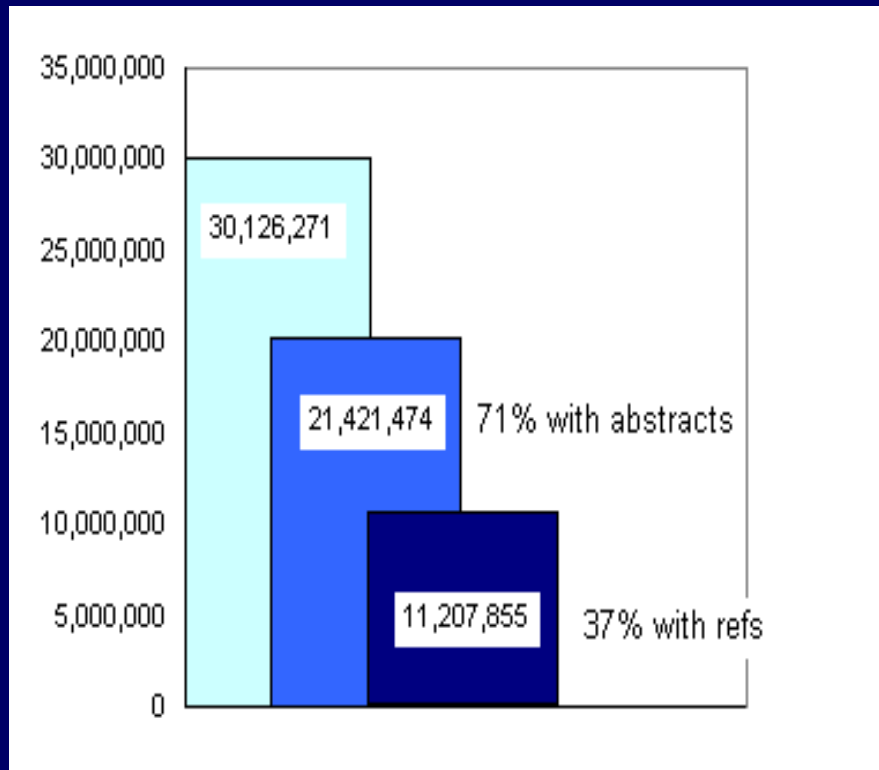
1,382 documents matched your query of the 5,383,212 in the data limits you selected.

TS=(testing size)

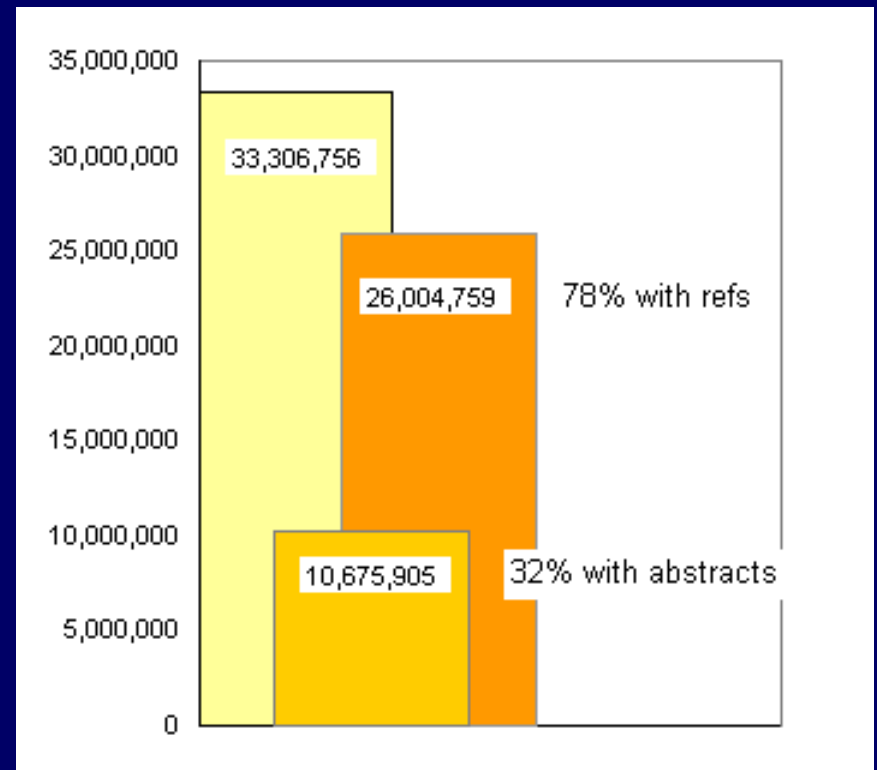
DocType=All document types; Language=All languages; Database=A&HCI; Timespan=1945-2007

14 documents matched your query of the 3,474,790 in the data limits you selected.

# Scopus – WoS (Dialog/ISI subset) overall

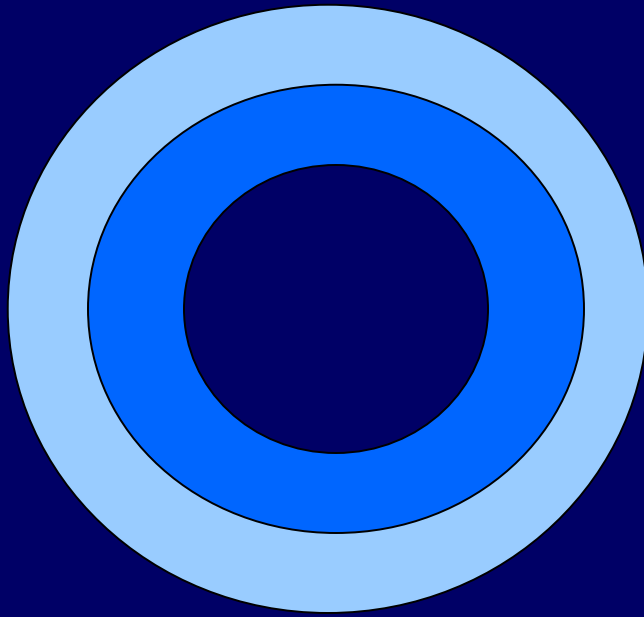


**Scopus entire database  
1900- May, 2007**



**WoS has 4.77 million records  
not available in Dialog ISI files**

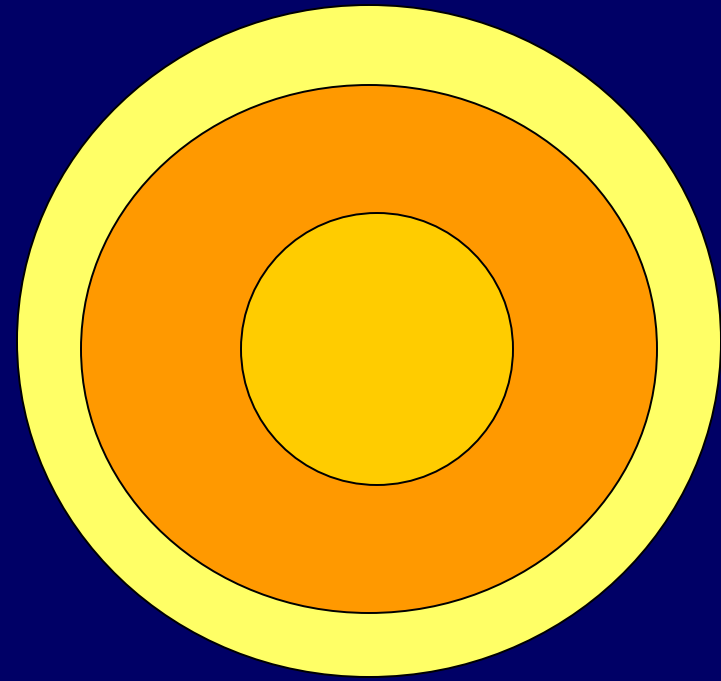
# Scopus vs. WoS (Dialog/ISI subset) as of May, 2007



All records  
30,126,271

with abstracts  
21,421,474

with refs  
11,207,855



All records  
33,306,756

with abstracts  
10,675,905

with refs  
26,004,754

# Total number of estimated cited references

## Scopus

230 - 240 million references

## WoS (Dialog/ISI subset)

520 - 530 million references

## WoS entire database (guesstimate)

650 - 670 million references

## PsycINFO

23-24 million references (600,000 recs)

# Measuring the size

Entire database



The screenshot displays the CSA Illumina search interface. At the top left is the CSA logo, followed by the word 'ILLUMINA' in a large, blue, serif font. Below this, a blue link reads 'Now available - interactive data sets at your command'. A navigation bar contains five buttons: 'Logout' (text link), 'Quick Search' (blue), 'Advanced Search' (green), 'Search Tools' (purple), and 'Browse' (orange). Below the navigation bar, a green bar shows 'Results' on the left and 'Edit Search' on the right. The main content area shows '2253186 results found for: \* in Multiple Databases' with a green plus sign. Below this, two summary boxes are visible: 'Published Works 2253186' and 'Web Sites 65748'. The numbers 2253186 and 65748 are highlighted with yellow boxes.

CSA ILLUMINA  
[Now available - interactive data sets at your command](#)

[Logout](#) Quick Search Advanced Search Search Tools Browse

Results [Edit Search](#)

2253186 results found for: \* in Multiple Databases +

Published Works 2253186 Web Sites [65748](#)

# Records with cited refs

Entire database

The screenshot displays the CSA ILLUMINA search interface. At the top left is the CSA logo, followed by the text 'ILLUMINA' and the tagline 'Now available - interactive data sets at your command'. Below this are navigation buttons: 'Logout', 'Quick Search', 'Advanced Search', 'Search Tools', and 'Browse'. The 'Advanced Search' button is highlighted in green. Below the navigation bar, the word 'Results' is displayed on the left, and 'Edit Search' is on the right. The main search result line shows '445011 results found for RE=\* in Multiple Databases +', with both '445011' and 'RE=\*' highlighted by yellow boxes. Below this line are two summary boxes: 'Published Works 445011' and 'Web Sites 0'.

CSA ILLUMINA  
Now available - interactive data sets at your command

[Logout](#) Quick Search Advanced Search Search Tools Browse

Results [Edit Search](#)

445011 results found for RE=\* in Multiple Databases +

Published Works 445011 Web Sites 0

# Records with abstract

Entire database

**CSA ILLUMINA**  
Now available - interactive data sets at your command

[Logout](#) [Quick Search](#) [Advanced Search](#) [Search Tools](#) [Browse](#)

Results [Edit Search](#)

**1999438** results found for: AB=\* in Multiple Databases [+](#)

Published Works 1999438    Web Sites [1](#)

All Publication Types 1999438	Journals <a href="#">1702562</a>	Peer-Reviewed Journals <a href="#">1473056</a>	Conferences <a href="#">73906</a>	Books <a href="#">59624</a>
----------------------------------	-------------------------------------	---	--------------------------------------	--------------------------------

All Publication Types 1999438	<a href="#">&lt; More</a>	Books <a href="#">59624</a>	Chapters/Essays <a href="#">158434</a>	Book Reviews <a href="#">6734</a>	Dissertations <a href="#">72084</a>
----------------------------------	---------------------------	--------------------------------	---	--------------------------------------	-------------------------------------

## Publication years with cited references

- Comprehensively starting 2001 (with the exceptions listed above)
- Retrospectively for earlier years as available

### Distribution by publication year (as of July 2006)

<b>533,983</b>			<b>21,179,214</b>		
YEAR	RECORDS	CITED REFERENCES	YEAR	RECORDS	CITED
2006	52,147	2,015,109	1962	1,066	13,006
2005	95,033	3,927,588	1961	641	8,291
2004	88,247	3,623,282	1960	847	11,151
2003	78,940	3,311,008	1959	1,144	19,185
2002	69,274	2,891,211	1958	401	5,098
2001	51,994	2,227,769	1957	657	7,099
2000	15,606	764,172	1956	638	7,858
1999	12,572	488,712	1955	739	8,760
1998	2,331	117,941	1954	689	9,485
1997	2,635	136,196	1953	587	7,155
1996	2,469	121,265	1952	429	5,175
1995	1,864	87,872	1951	404	4,874
1994	1,657	82,786	1950	373	5,316
1993	1,843	89,852	1949	341	4,280
1992	1,841	84,705	1948	267	5,044
1991	1,729	73,271	1947	226	4,172
1990	2,661	64,901	1946	222	3,950
1989	1,720	64,841	1945	206	4,221
1988	1,407	49,430	1944	246	4,102
1987	957	34,914	1943	306	5,096
1986	36	1,577	1942	265	4,648



## Search History

### Database Details

Set	Term Searched	Items
S1	RT='CITED REFERENCES'	457835
S2	S1/2007	0
S3	S1/2006	21830
S4	S1/2005	80363
S5	S1/2004	74483
S6	S1/2003	71511
S7	S1/2002	60099
S8	S1/2001	57466
S9	S1/2000	21764
S10	S1/1999	22
S11	S1/1998	7
S12	S1/1997	41
S13	S1/1996	2470



# How could we “guesstimate” Google Scholar’s size?



Google Scholar BETA

"the"

**Scholar** Results 1 - 100 of about **775,000,000** for "the"



Google Scholar BETA

"a"

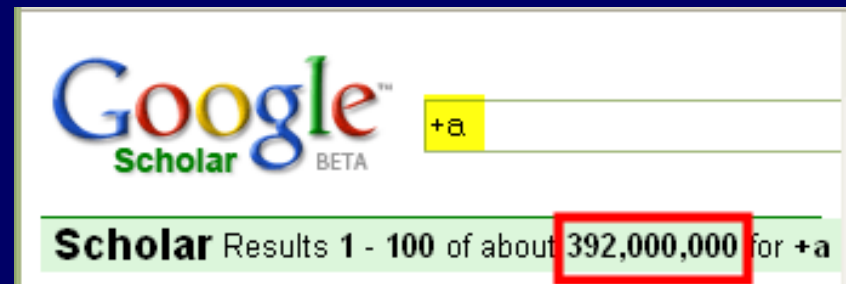
**Scholar** Results 1 - 100 of about **392,000,000** for "a"



Google Scholar BETA

+the

**Scholar** Results 1 - 100 of about **775,000,000** for +the



Google Scholar BETA

+a

**Scholar** Results 1 - 100 of about **392,000,000** for +a



Google Scholar BETA

+the OR +a

**Scholar** Results 1 - 100 of about **7,220,000** for +the OR +a

# Very unorthodox Boolean operation



Google Scholar BETA

asia


Scholar Results 1 - 100 of about 946,000 for asia



Google Scholar BETA

asian

Scholar Results 1 - 100 of about 1,260,000 for asian



Google Scholar BETA

asia OR asian

Scholar Results 1 - 100 of about 1,020,000 for [asia](#) OR [asian](#)

# More records for shorter time span – the Google Scholar logic

 [Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

1456 - 2007

[All articles](#) [Recent articles](#) Results 1 - 100 of about **292,000**. (0.13 seconds)

 [Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

1966 - 2007

[All articles](#) [Recent articles](#) Results 1 - 100 of about **303,000**. (0.19 seconds)

 [Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

1996 - 2007

[All articles](#) [Recent articles](#) Results 1 - 100 of about **351,000**. (0.52 seconds)

 [Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

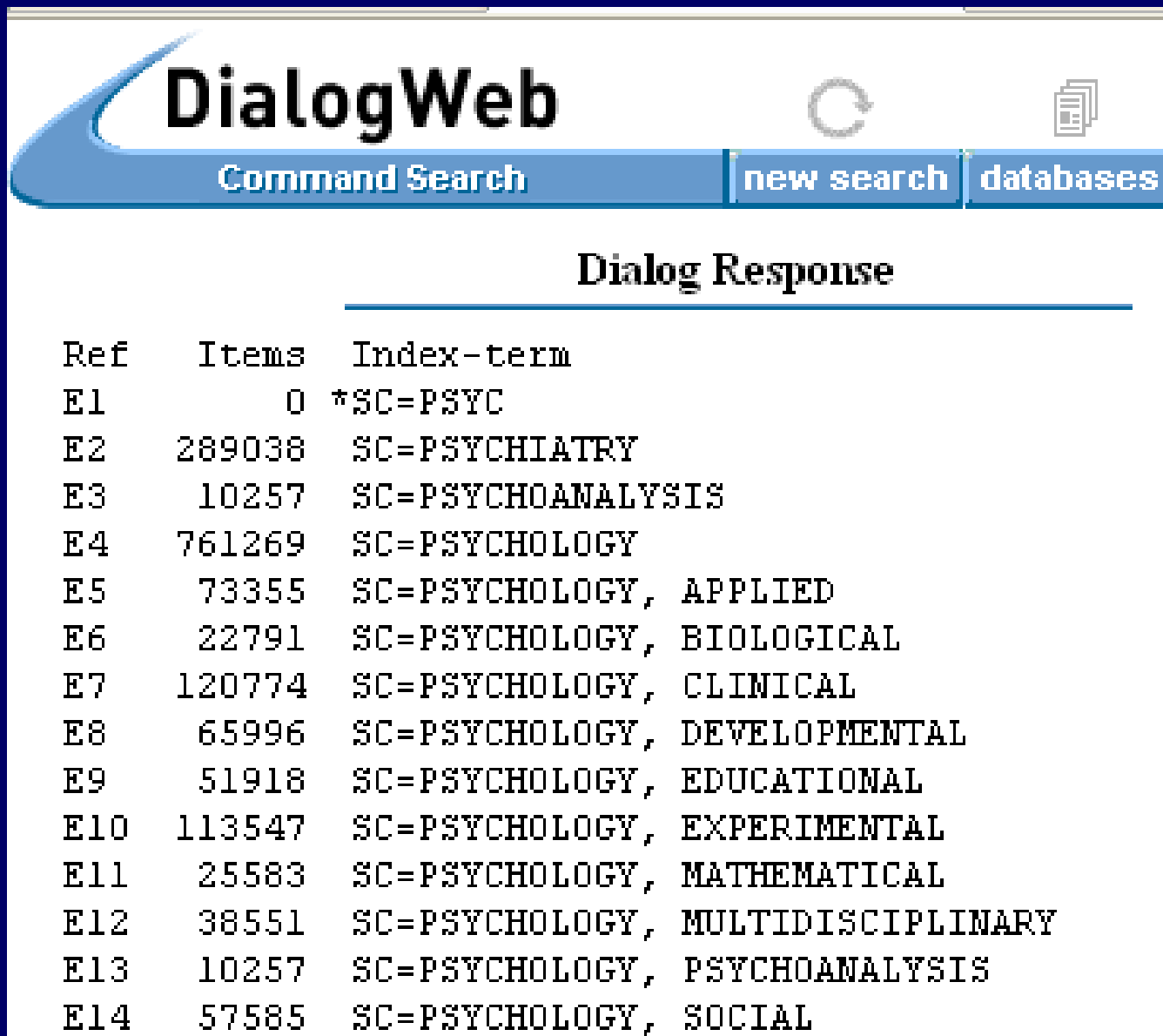
2006 - 2007

[All articles](#) [Recent articles](#) Results 1 - 100 of about **822,000**. (0.20 seconds)

# Unscholarly Google Scholar

- These are just the obvious signs of the cognitive dysfunctions of GS – more about others later
- We should not waste more time trying to discover other well-hidden content features of GS

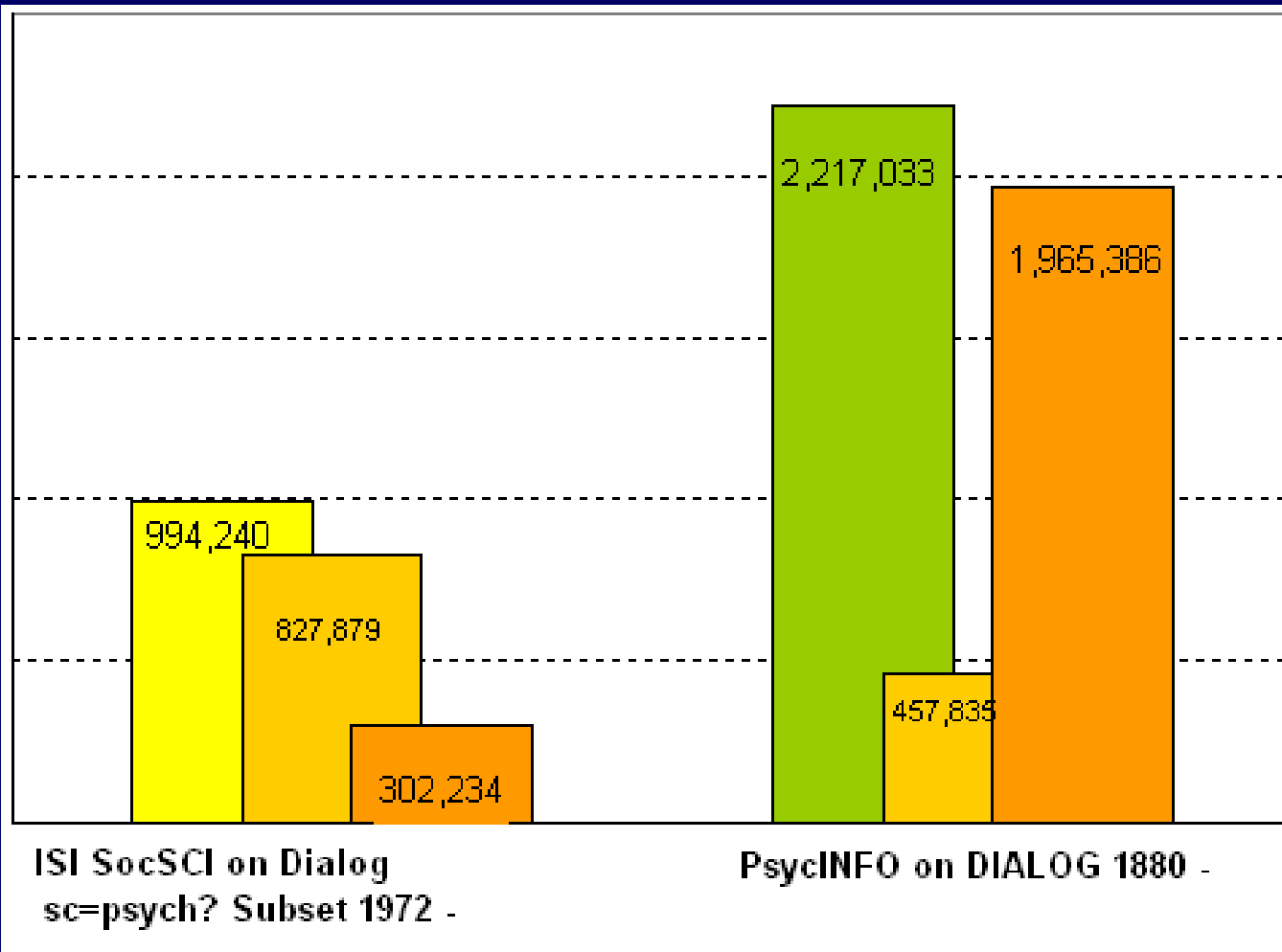
# Topical subset in multidisciplinary databases



The screenshot shows the DialogWeb interface. At the top, there is a navigation bar with the DialogWeb logo, a refresh icon, and a document icon. Below the logo is a blue bar with the text 'Command Search', 'new search', and 'databases'. The main content area is titled 'Dialog Response' and contains a table of search results.

Ref	Items	Index-term
E1	0	*SC=PSYC
E2	289038	SC=PSYCHIATRY
E3	10257	SC=PSYCHOANALYSIS
E4	761269	SC=PSYCHOLOGY
E5	73355	SC=PSYCHOLOGY, APPLIED
E6	22791	SC=PSYCHOLOGY, BIOLOGICAL
E7	120774	SC=PSYCHOLOGY, CLINICAL
E8	65996	SC=PSYCHOLOGY, DEVELOPMENTAL
E9	51918	SC=PSYCHOLOGY, EDUCATIONAL
E10	113547	SC=PSYCHOLOGY, EXPERIMENTAL
E11	25583	SC=PSYCHOLOGY, MATHEMATICAL
E12	38551	SC=PSYCHOLOGY, MULTIDISCIPLINARY
E13	10257	SC=PSYCHOLOGY, PSYCHOANALYSIS
E14	57585	SC=PSYCHOLOGY, SOCIAL

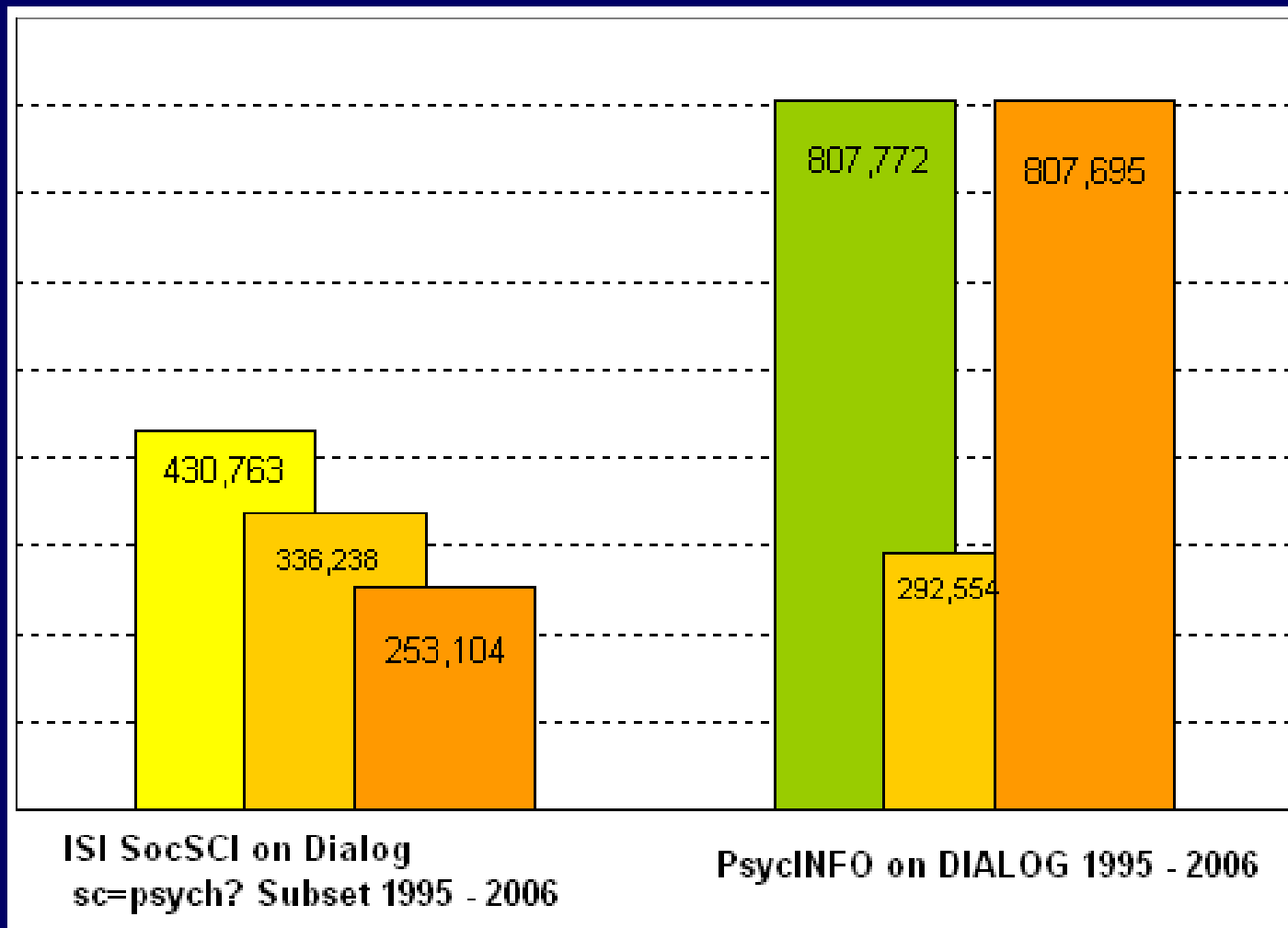
# Topical subset in multidisciplinary databases as of 2006 (increased by about 20% by May, 2007)



total records  
with cited refs  
with abs



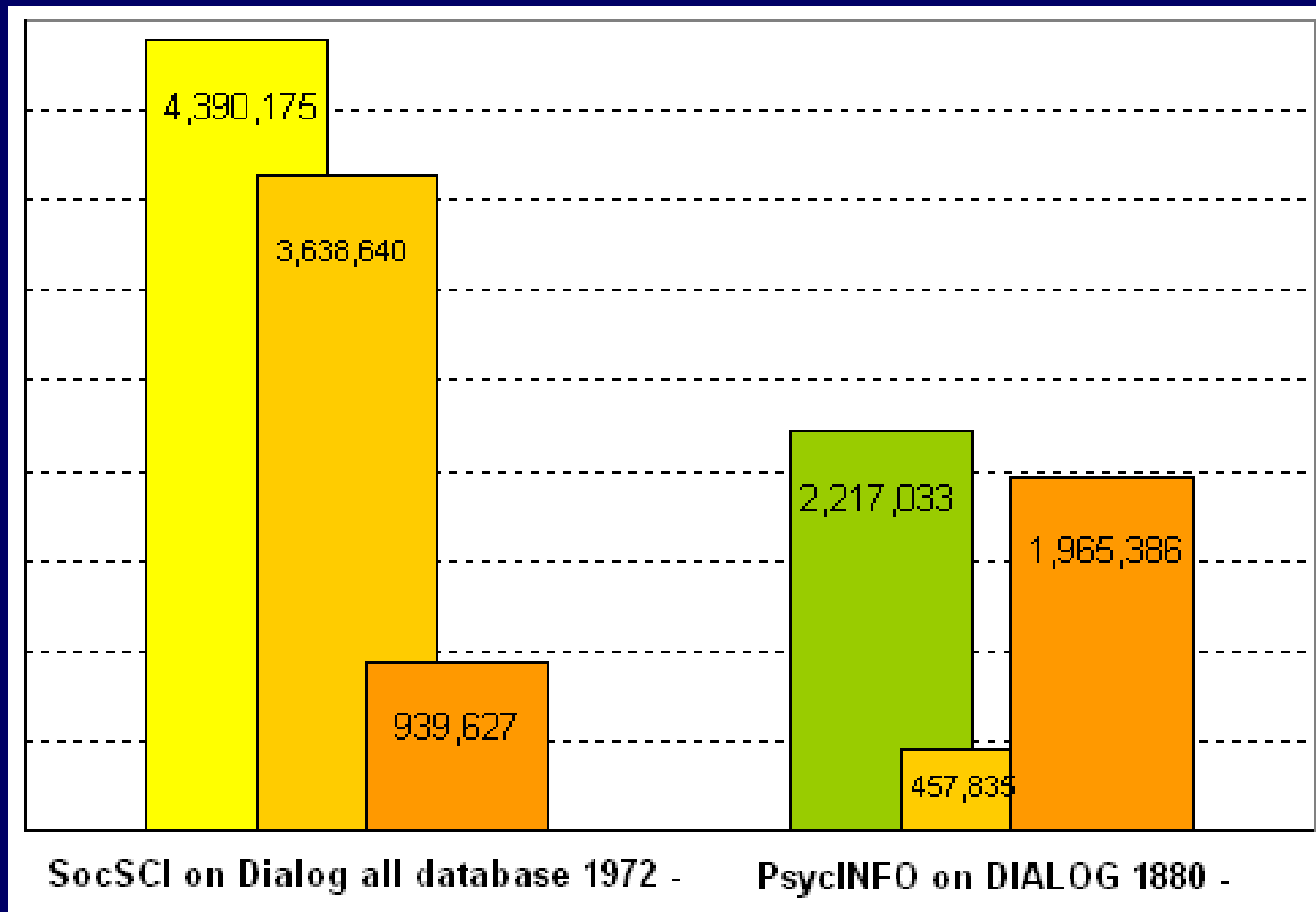
# Topical subset in multidisciplinary databases 1995-2006 **PRAGA**



total records  
with cited refs  
with abs



# Importance of the whole multidisciplinary databases for citing papers from other disciplines



total records  
with cited refs  
with abs



# Size of the whole vs. the part

Comprehensive citation enhancement  
from a given time

- Citations only for some document types
- Partial, selective citation enhancement  
before a given time
- What layers are compared

# Database dimensions – **How** is it big?

- Absolute database size is not everything
- Biggest is not always the “best(**est**)”
- **How** is Database A bigger than Database B
- In what shape and form?
- How is the “body” of the database built
- Different disciplines - different preferences
- Presence of cited refs since when?

# Bigger horizontally (wider) vs. vertically (taller)



Akebono

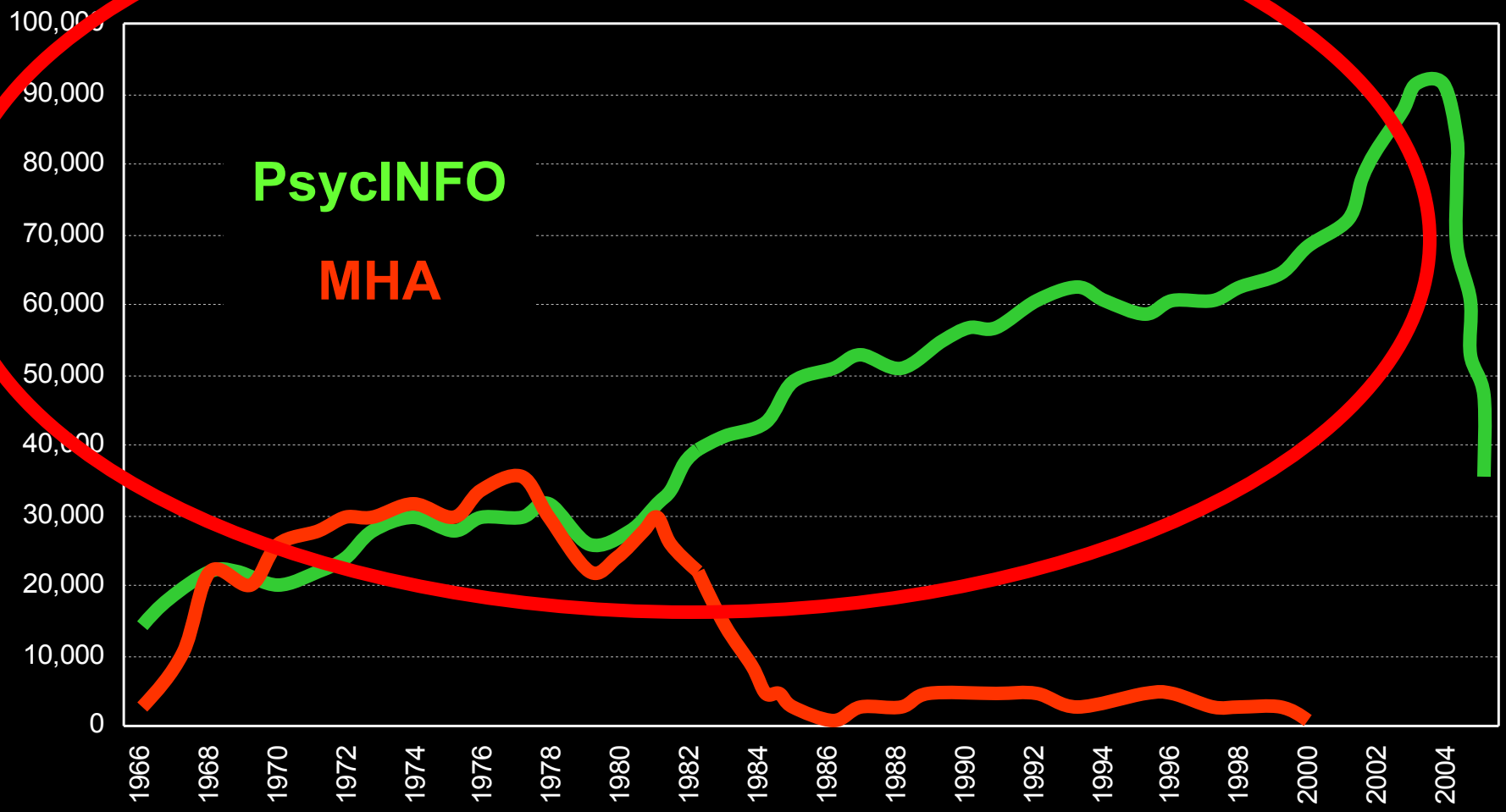


Yao Ming

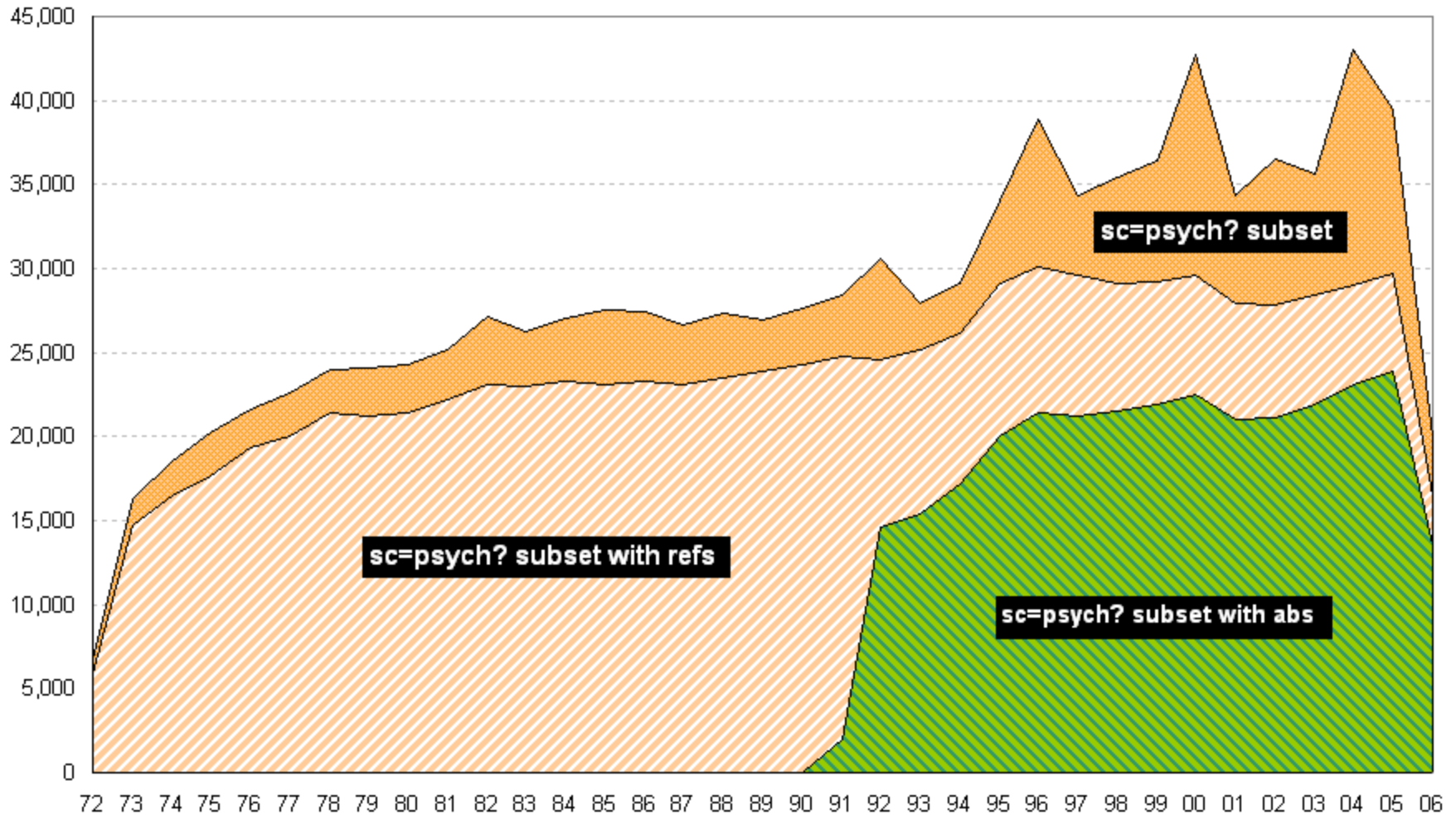


Thai boxer

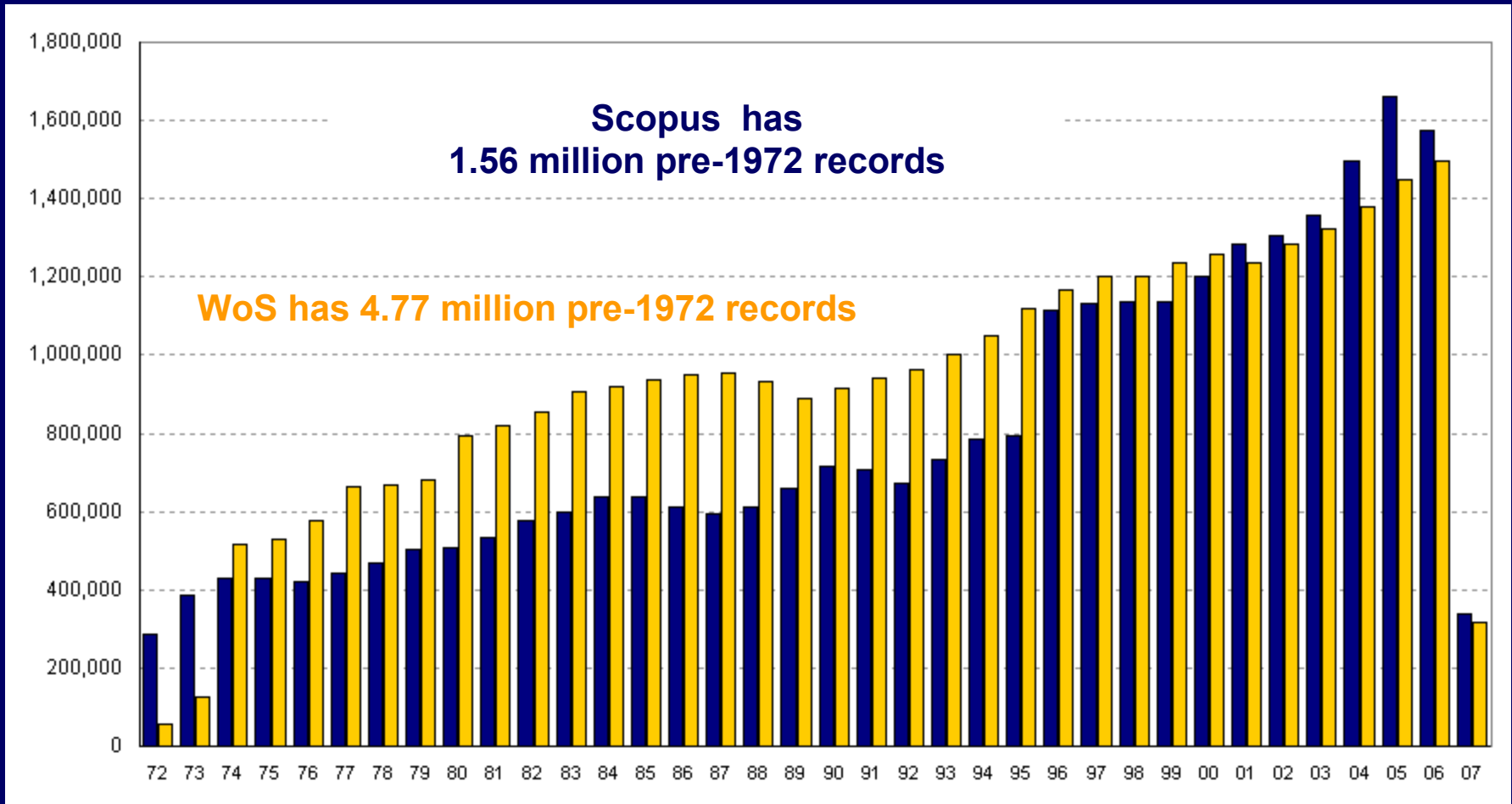
# The fate of two databases (as of Sept 2005) **PRAGA**



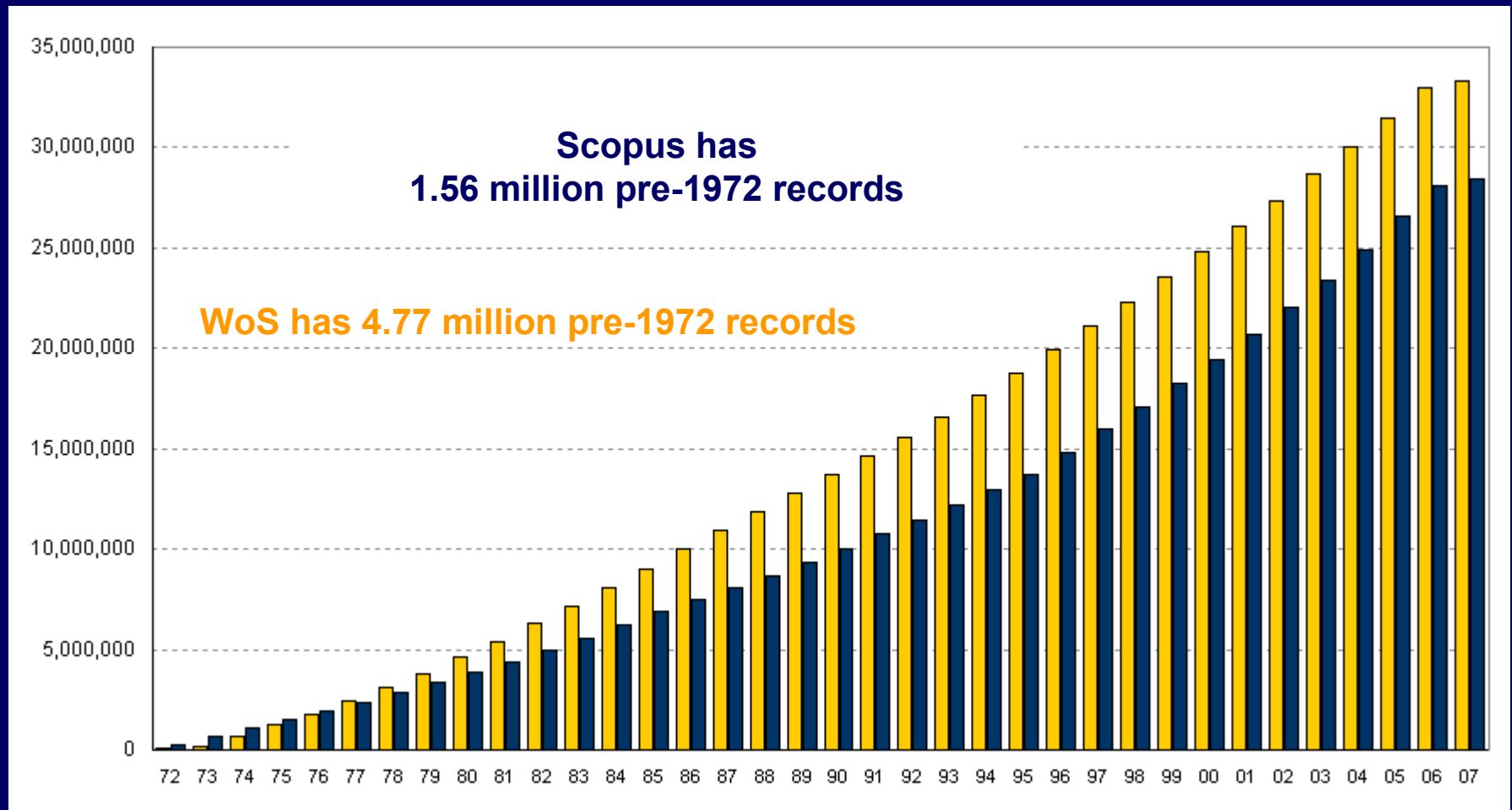
# ISI SocSCI psychology/psychiatry subset



# Scopus & WoS 1972 – May, 2007



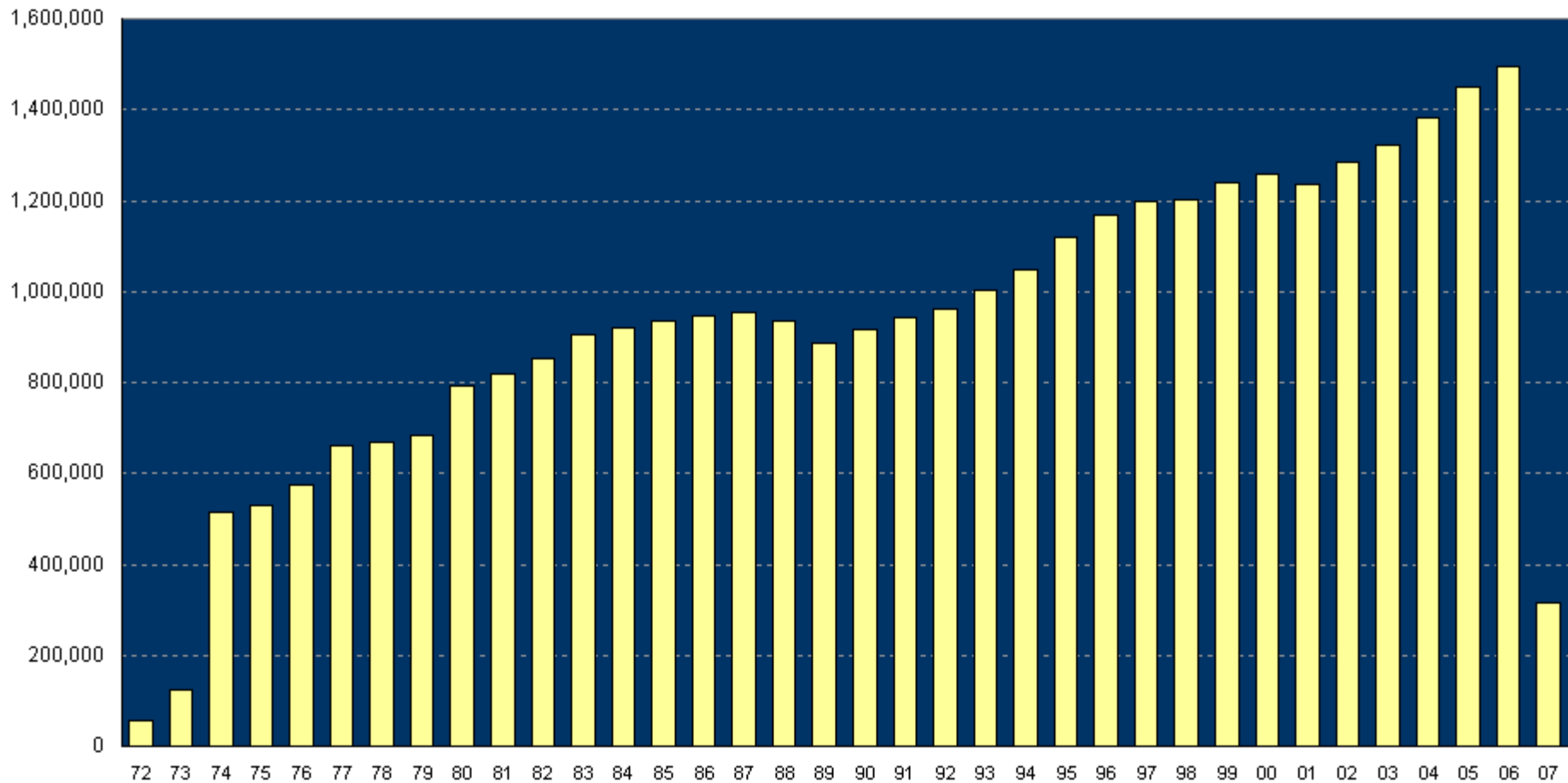
# Scopus & WoS cumulative 1972 - May, 2007



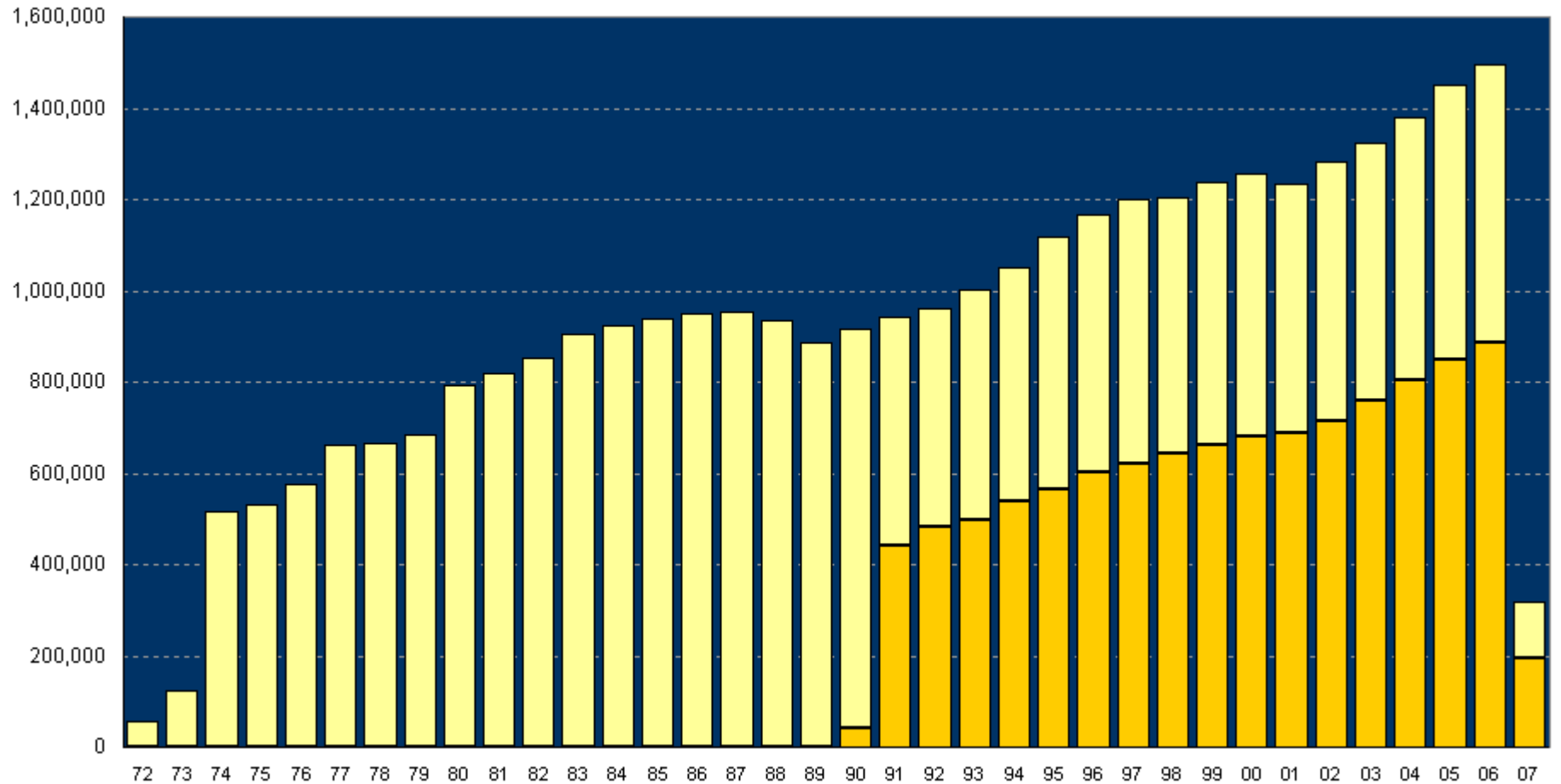


**WoS**

# WoS 1972 - May, 2007 yearly additions

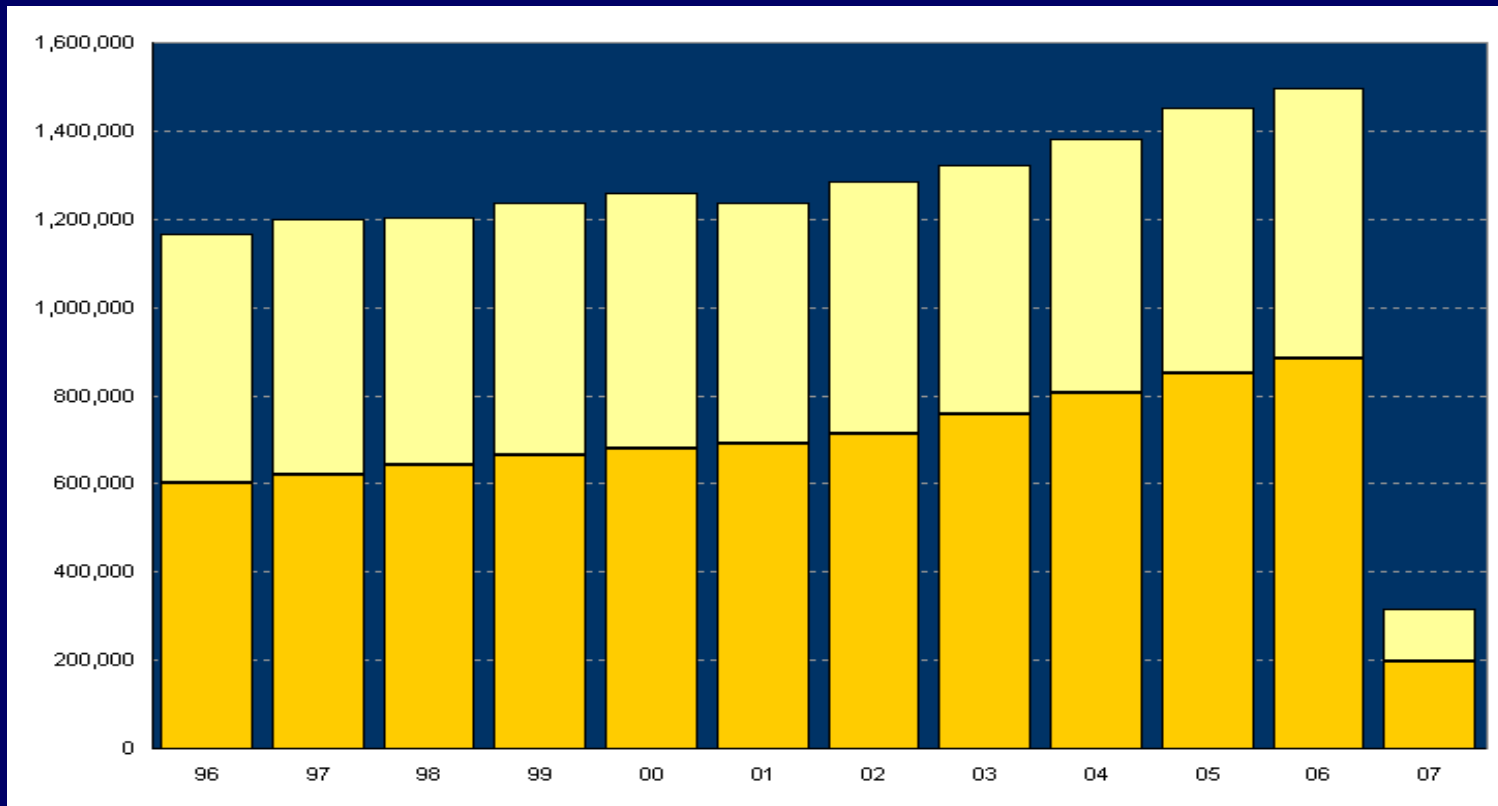


# WoS with abs 1972 – May, 2007



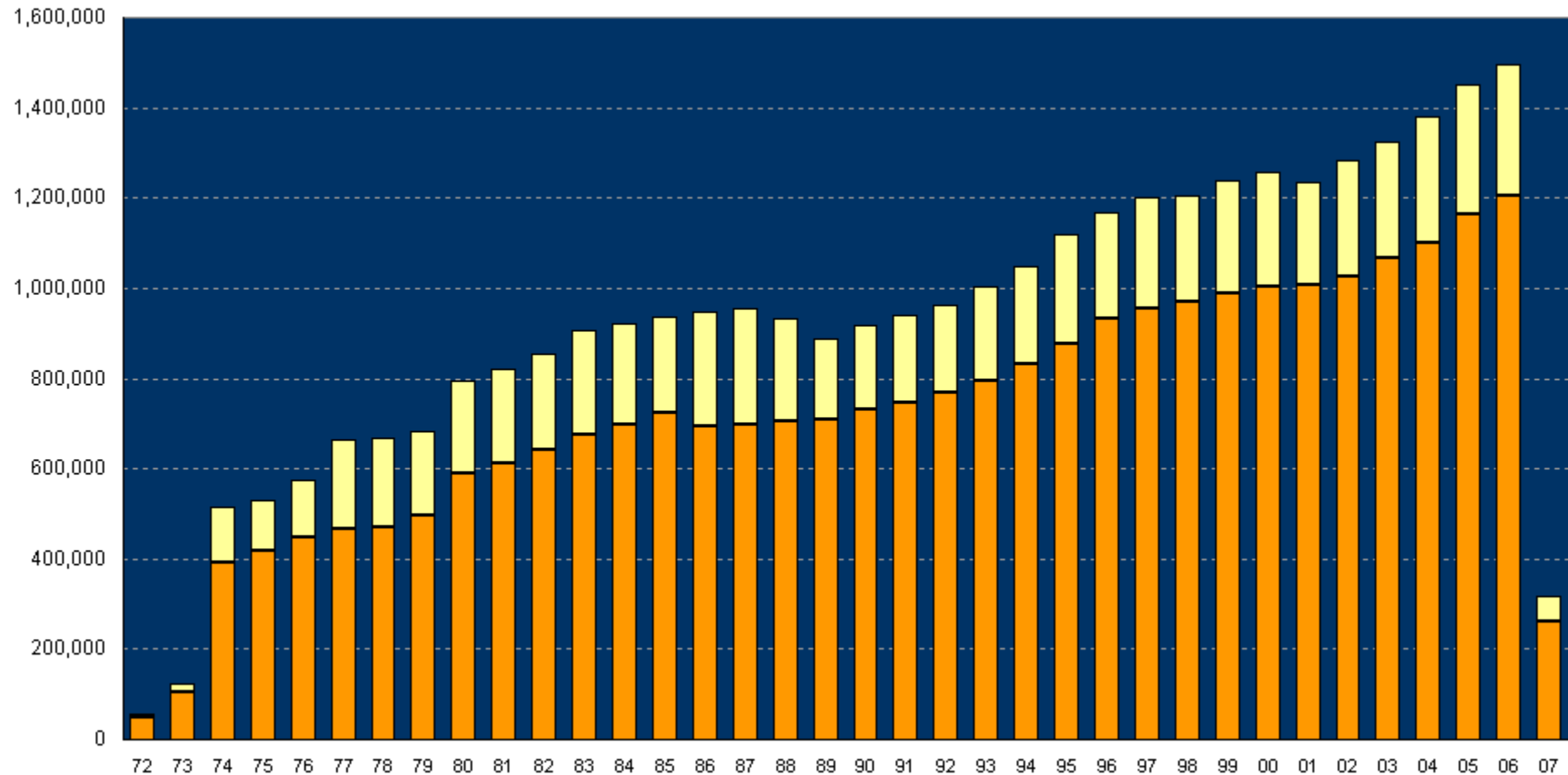
# WoS with abs

## 1996 – May, 2007 yearly additions

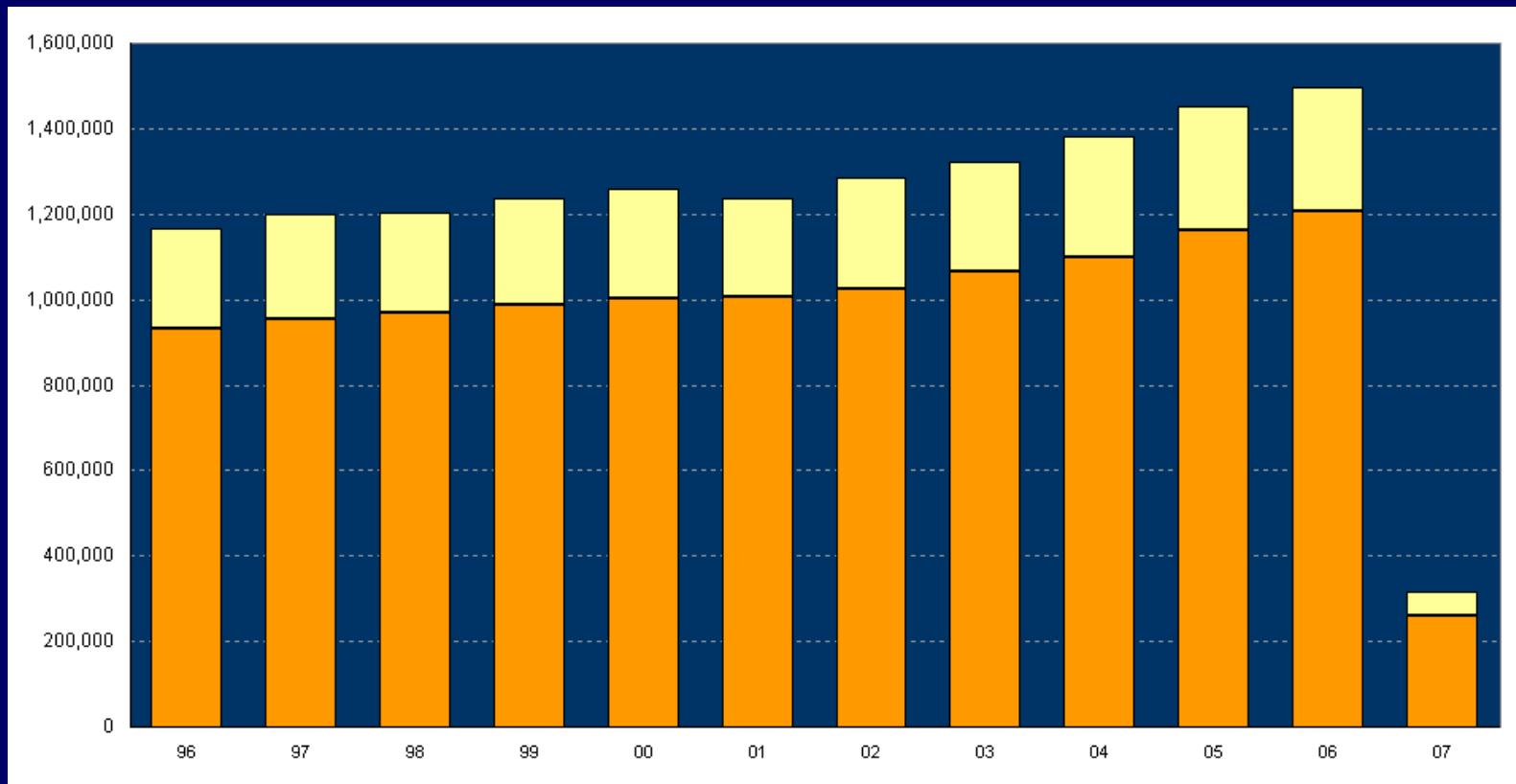


# WoS with refs

# WoS with refs 1972 – May, 2007



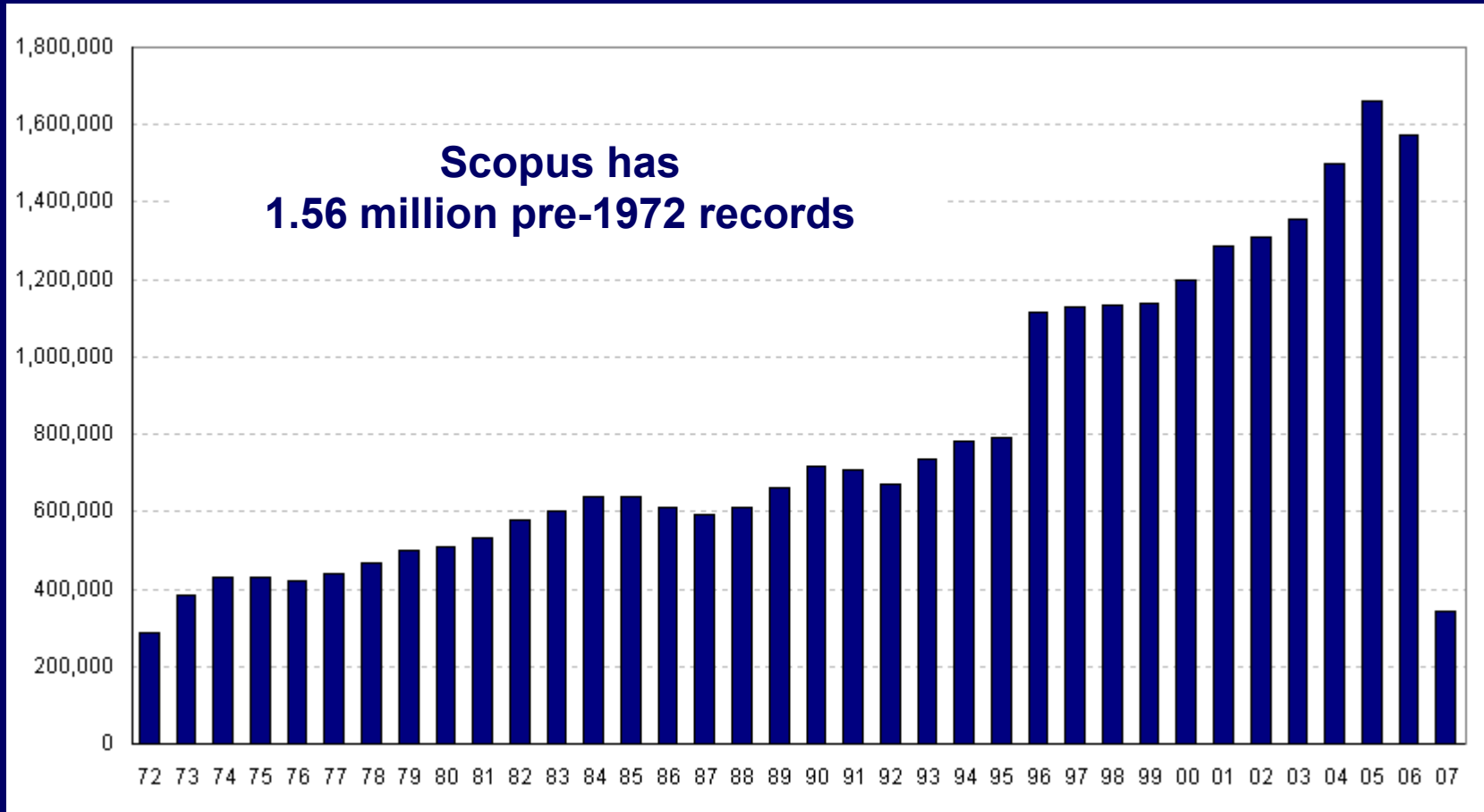
# WoS with refs 1996 – May, 2007



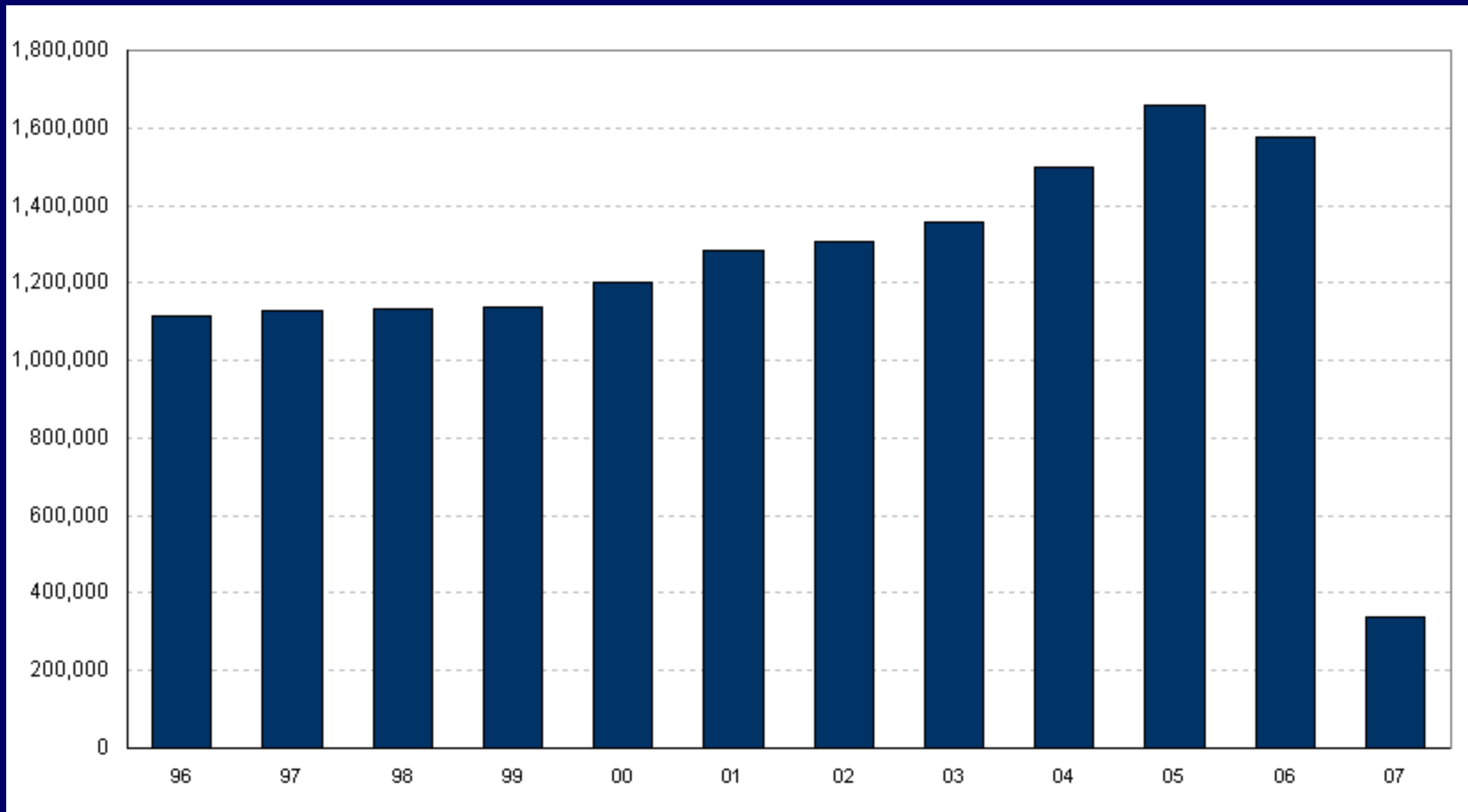
# Scopus



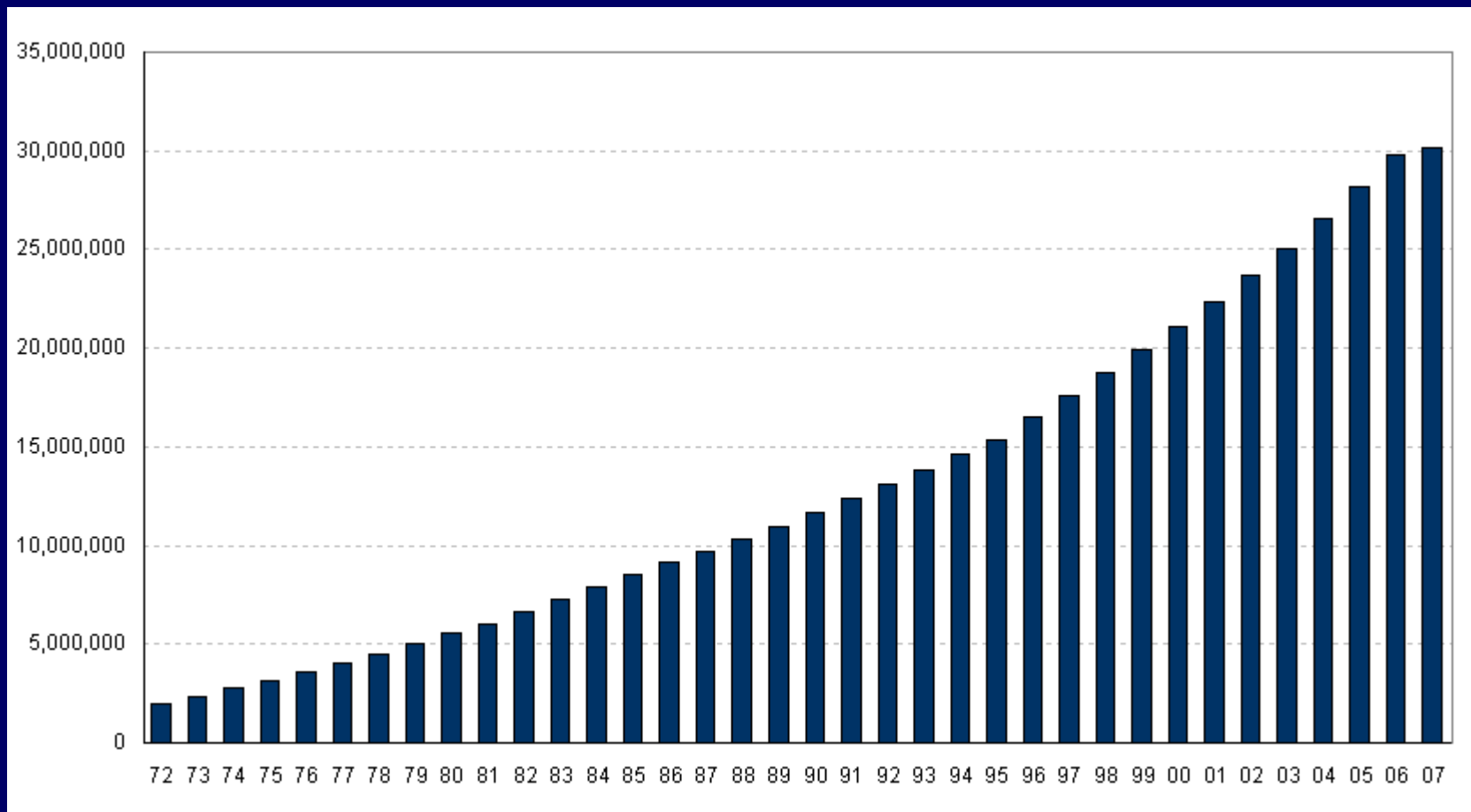
# Scopus 1972 – May, 2007



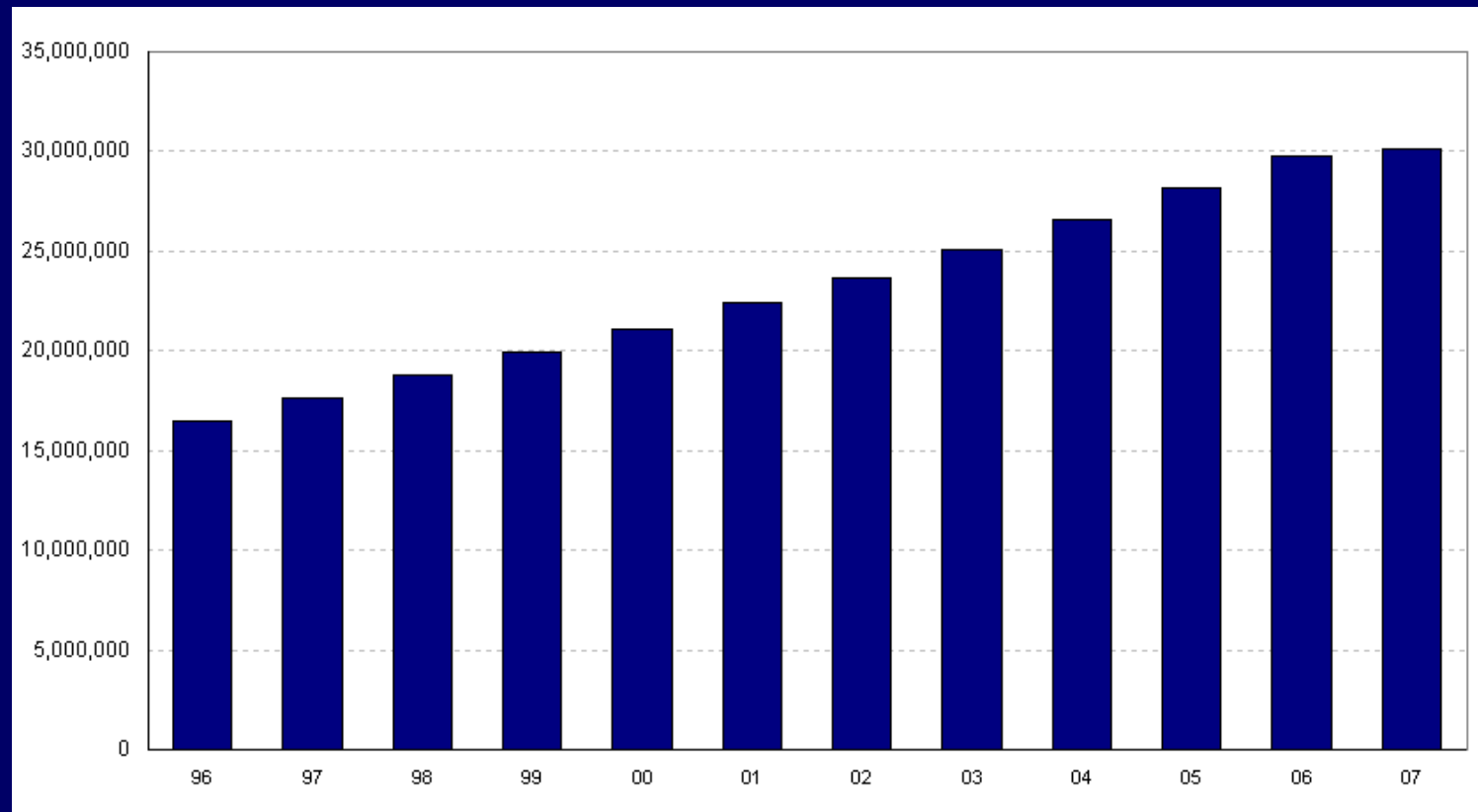
# Scopus 1996 – May, 2007 yearly additions



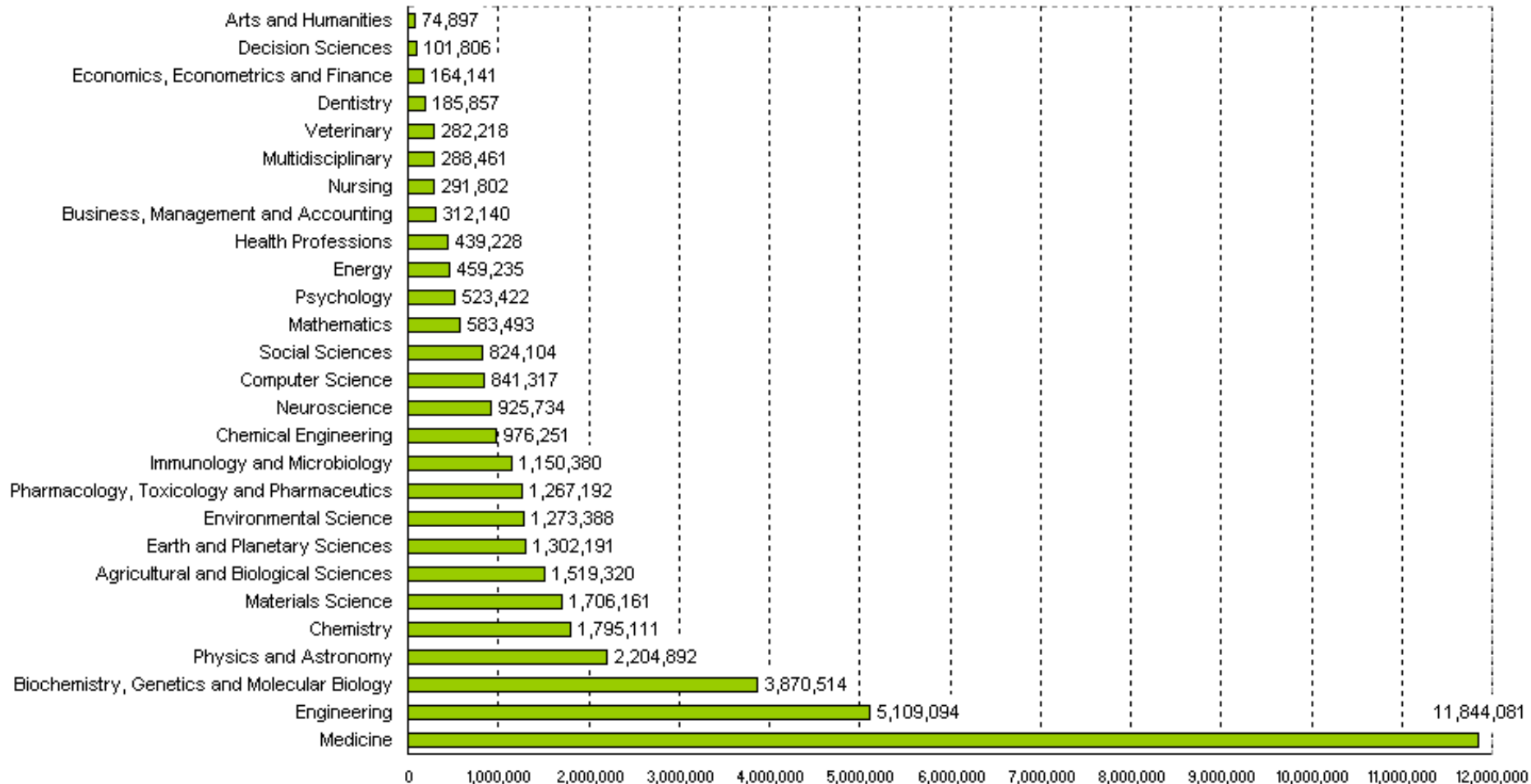
# Scopus cumulative 1972 – May, 2007



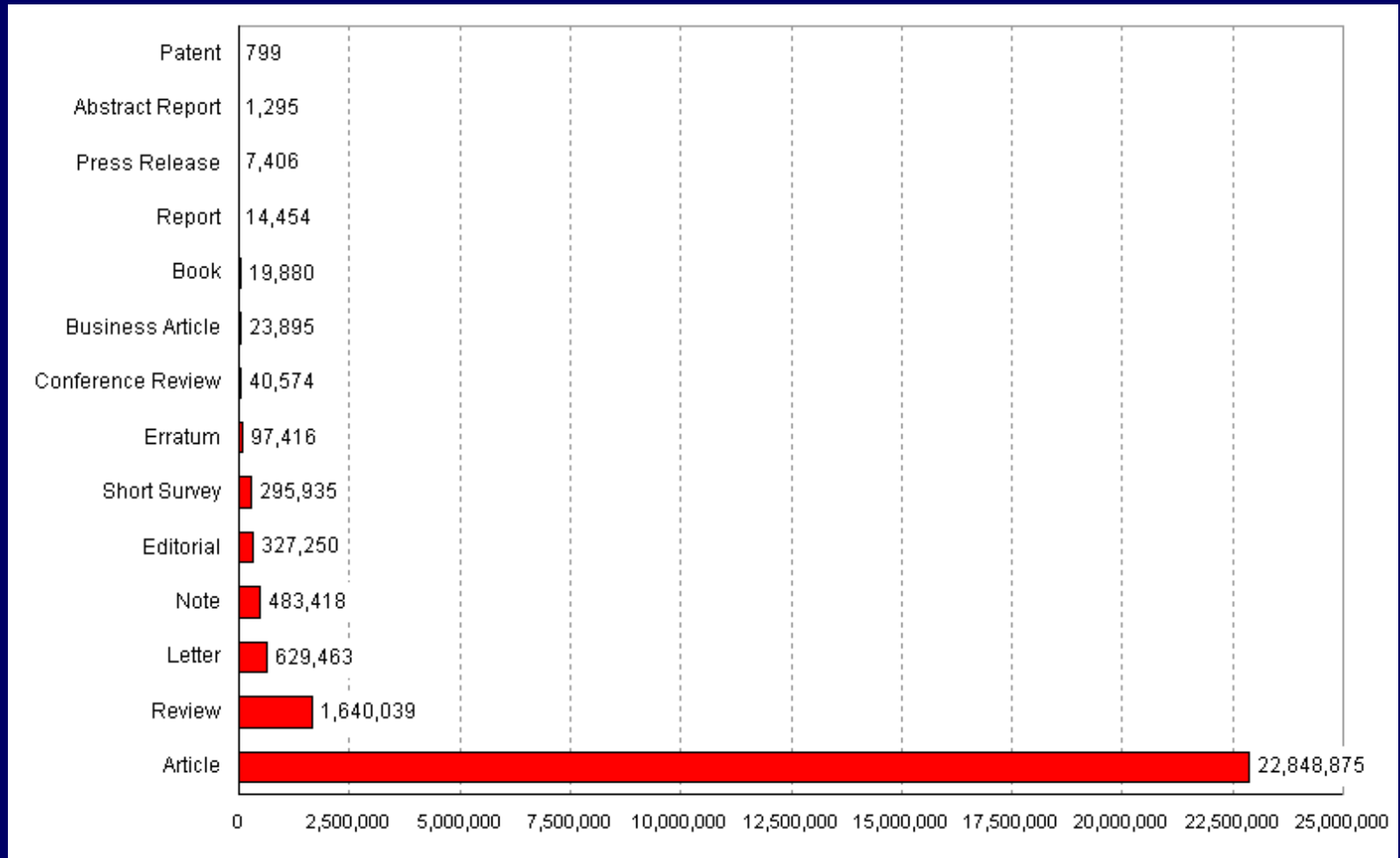
# Scopus cumulative 1996 – May, 2007



# Scopus all - subject as of May, 2007

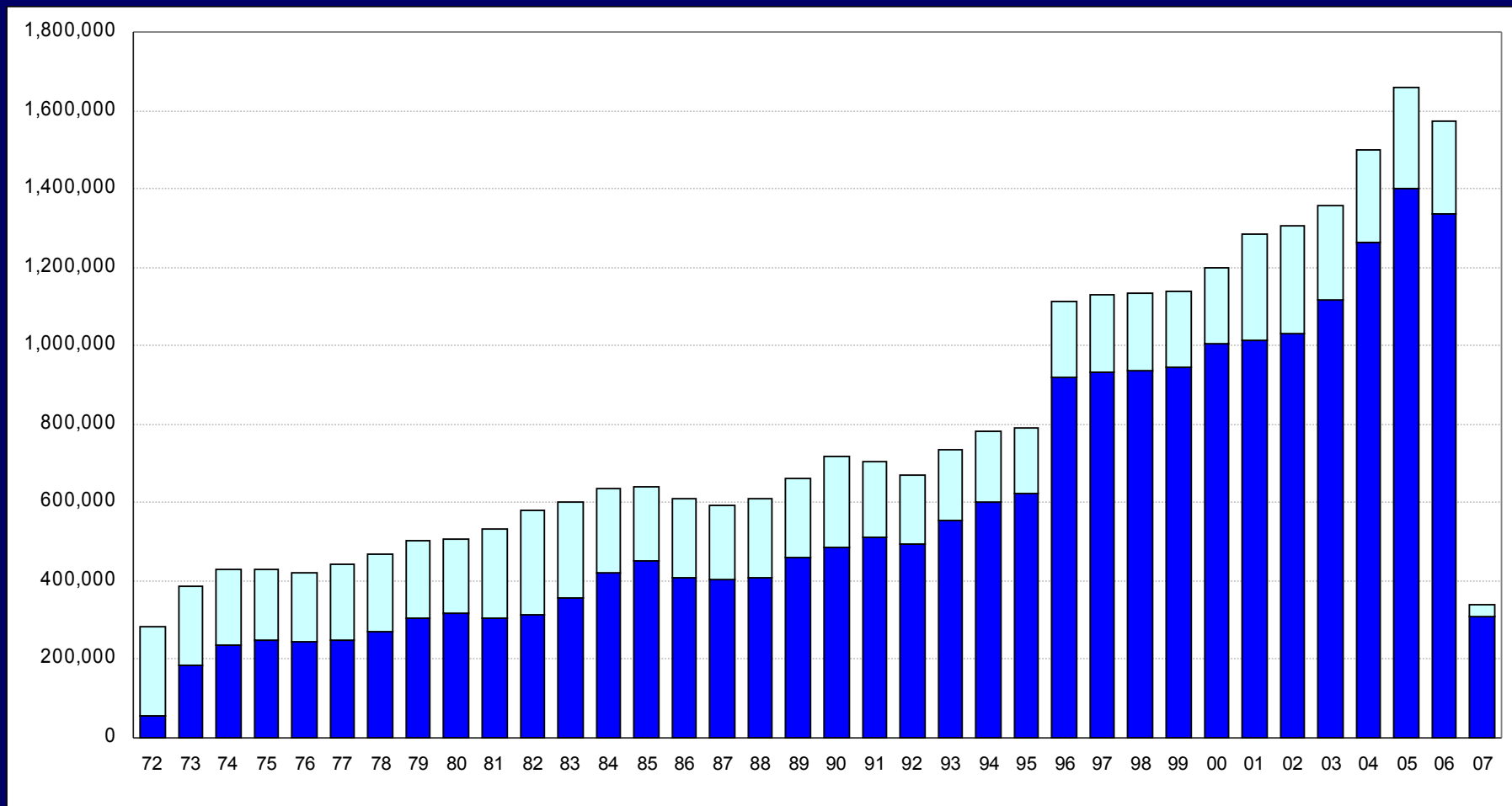


# Scopus all – doc type as of May, 2007



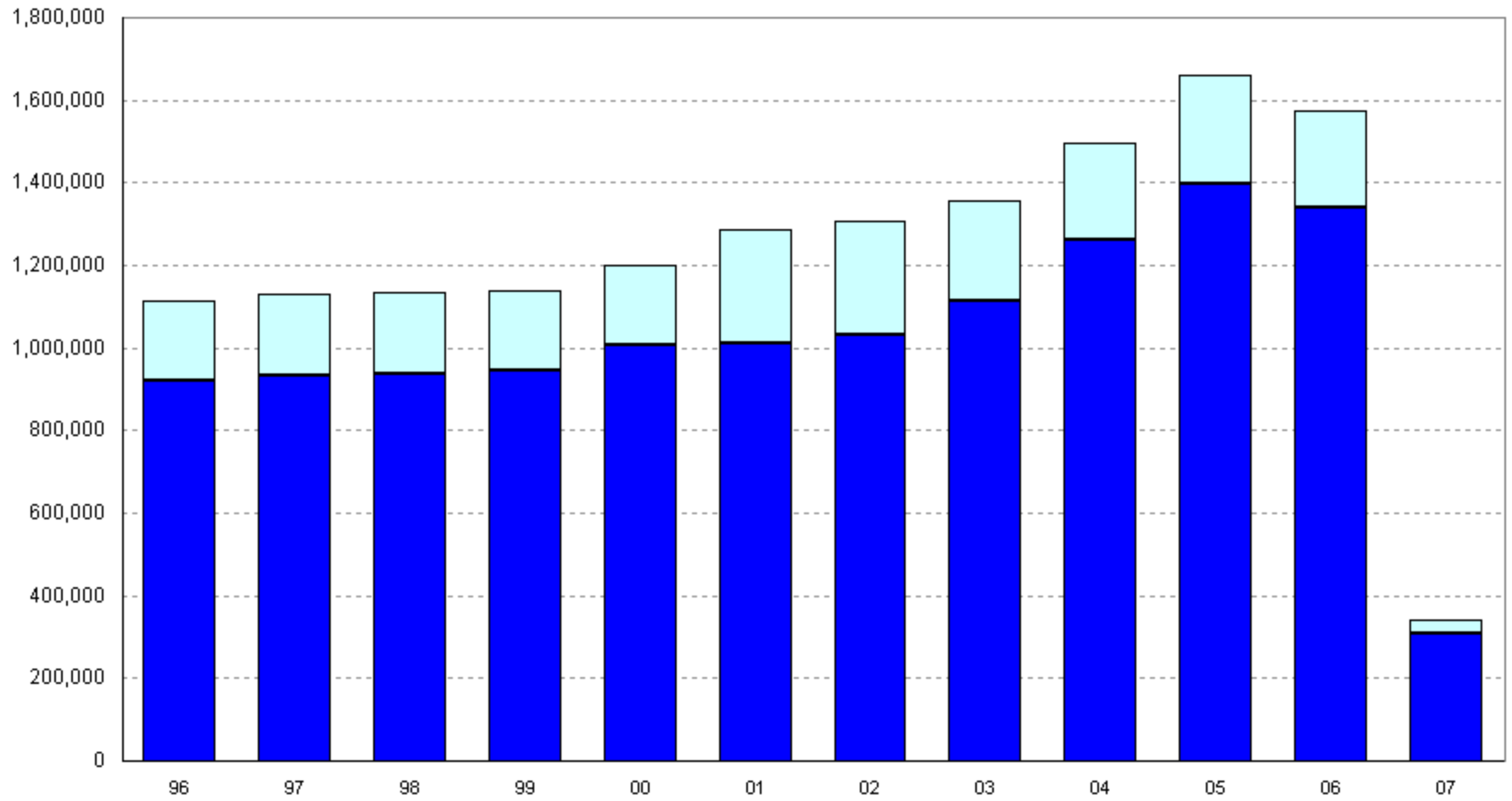
# Scopus with abs

# Scopus with abs 1972 – May, 2007

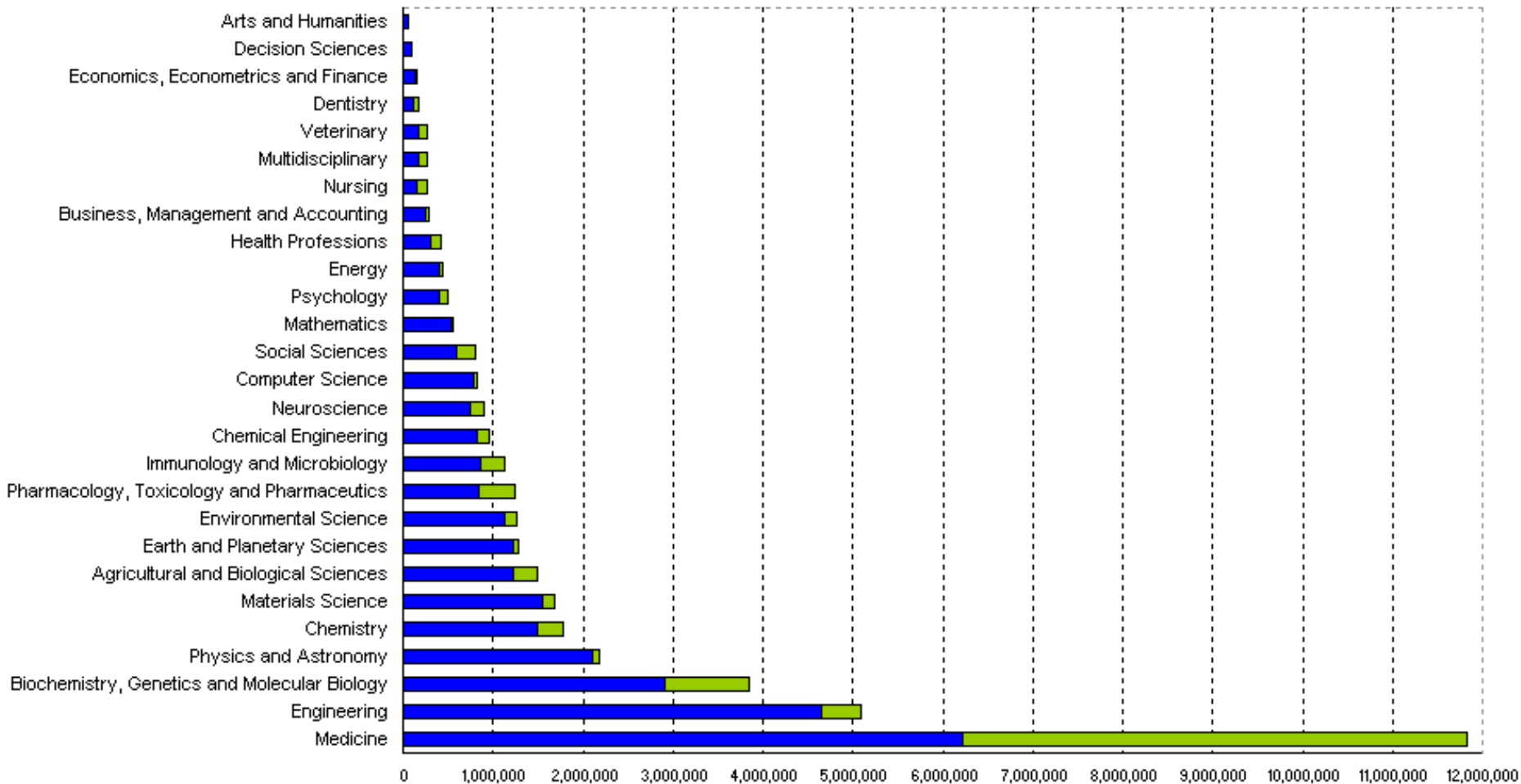




# Scopus with abs 1996 – May, 2007

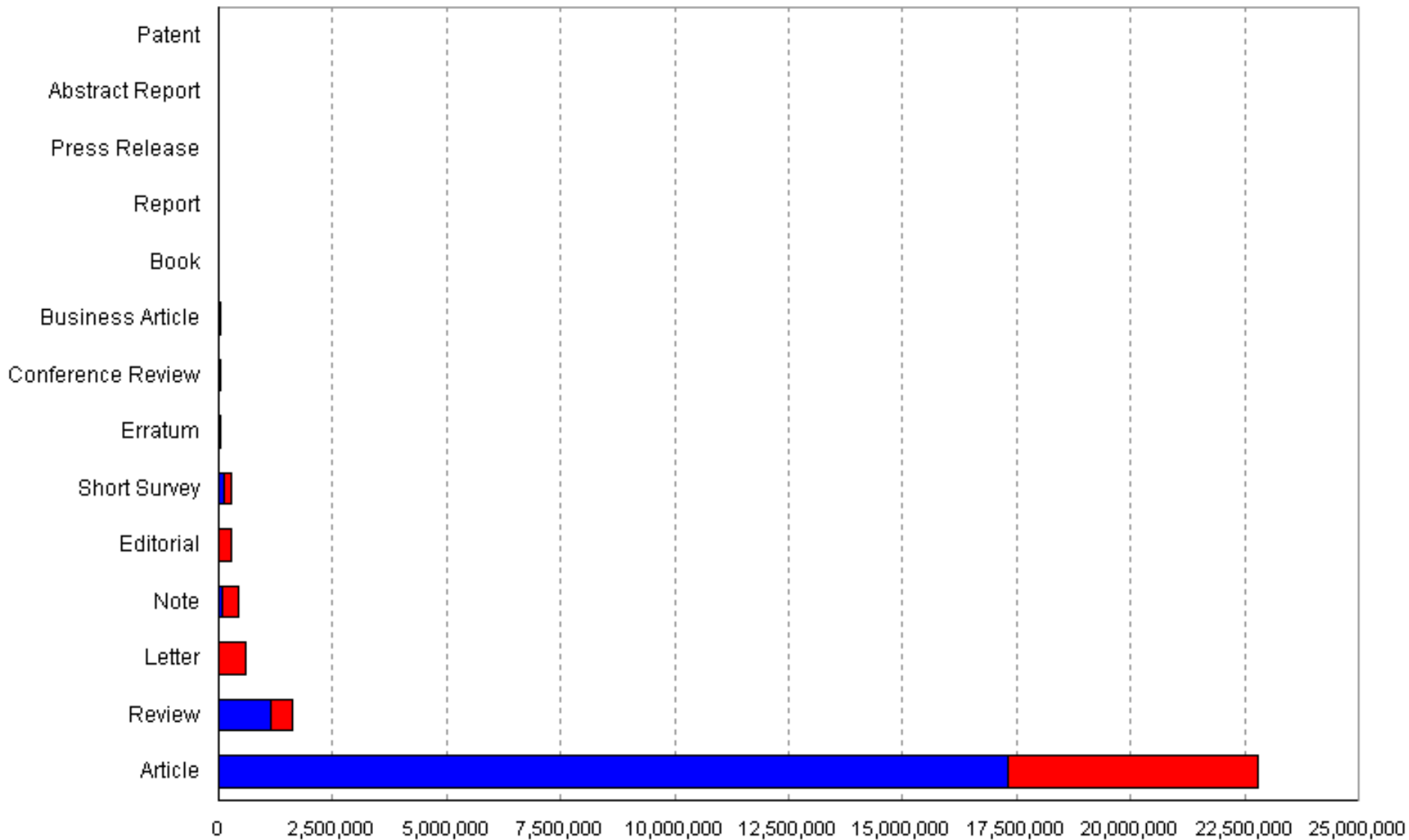


# Scopus with abs – subject



1.3 subject categories are assigned/record

# Scopus with abs – doc type

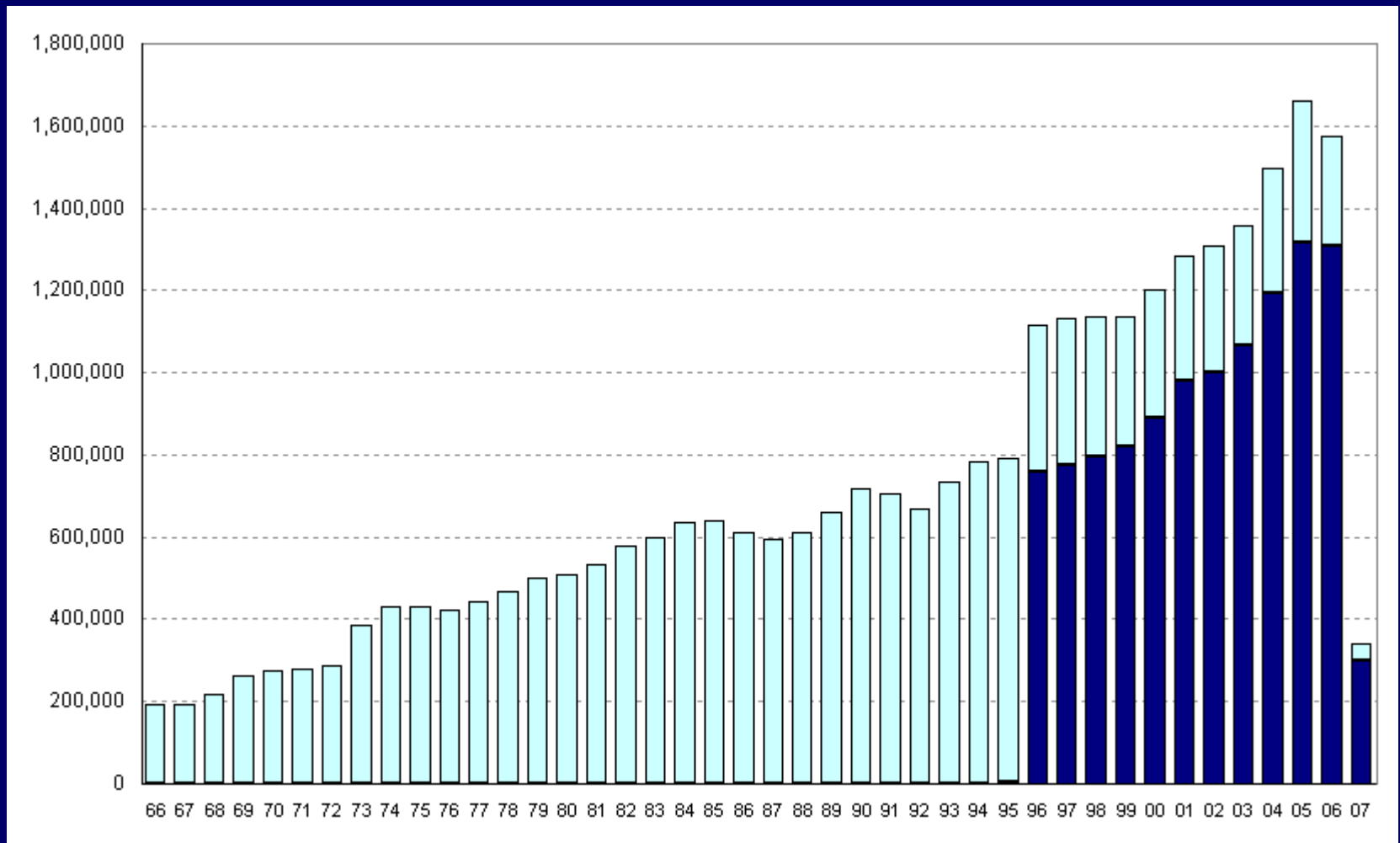


**30, 229,563 all records - 87% has doc type**

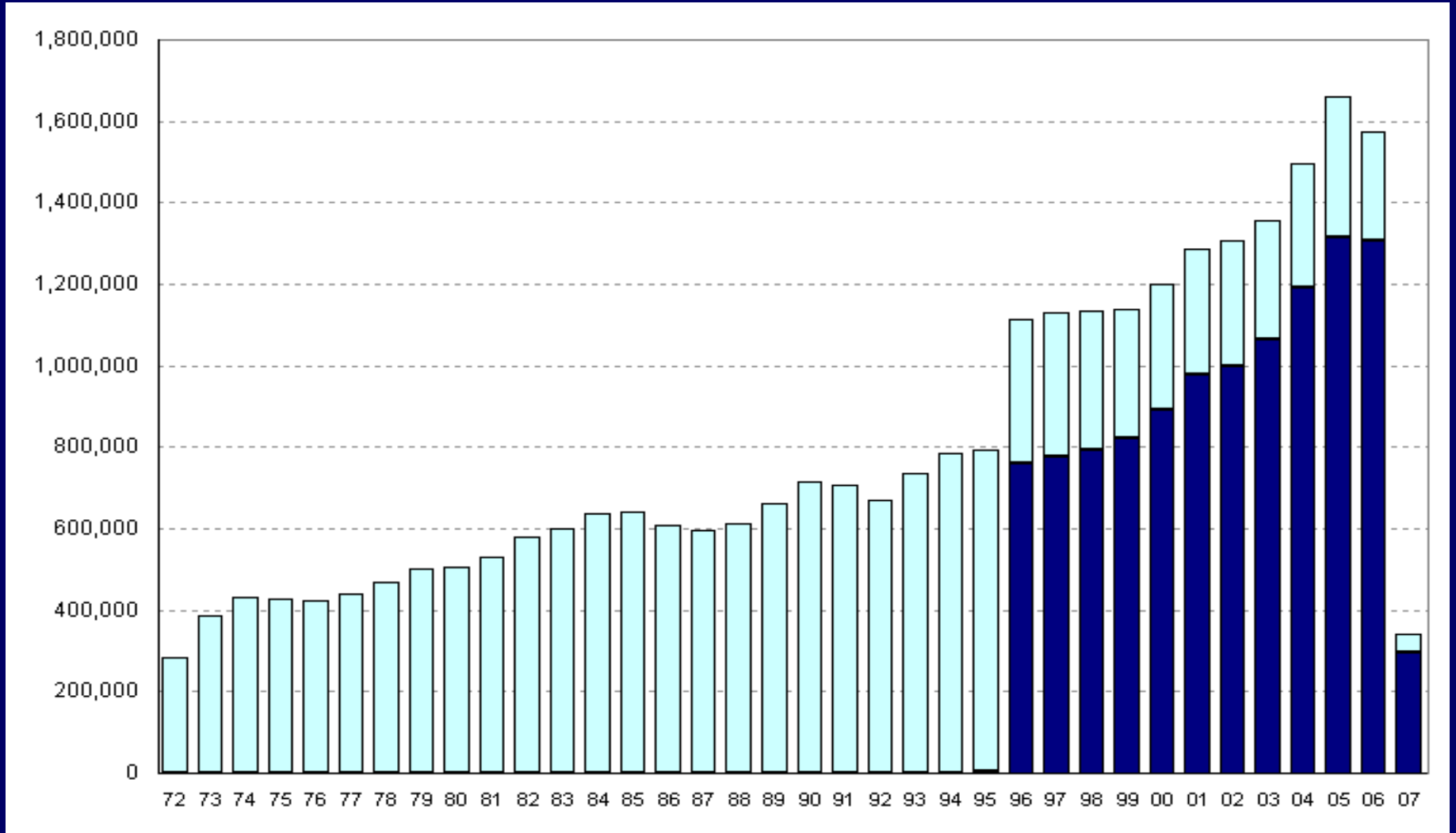
**26,130,699 records with dt – 18,724,703 has abs 71%**

# Scopus with refs

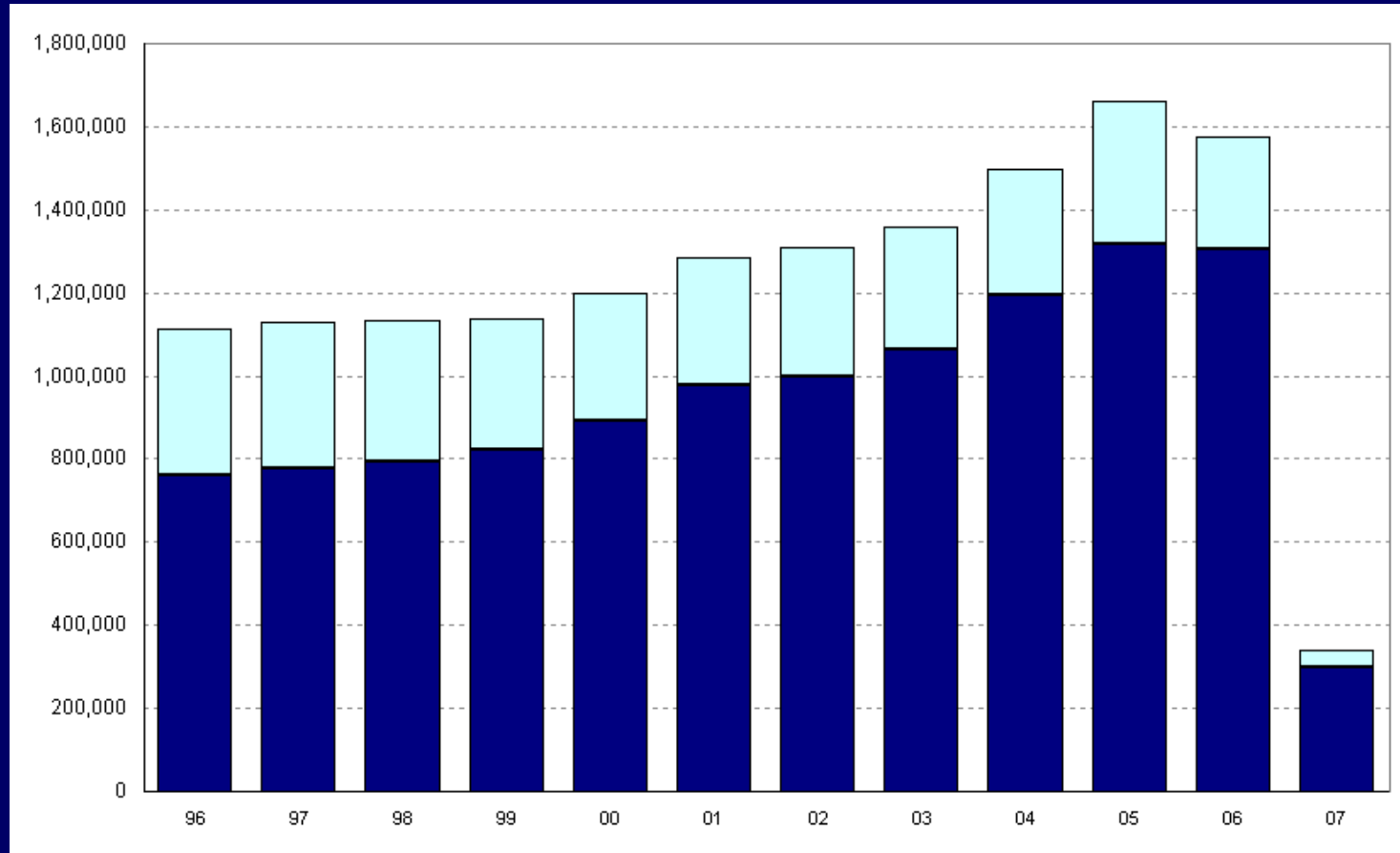
# Scopus with refs 1966 – May, 2007



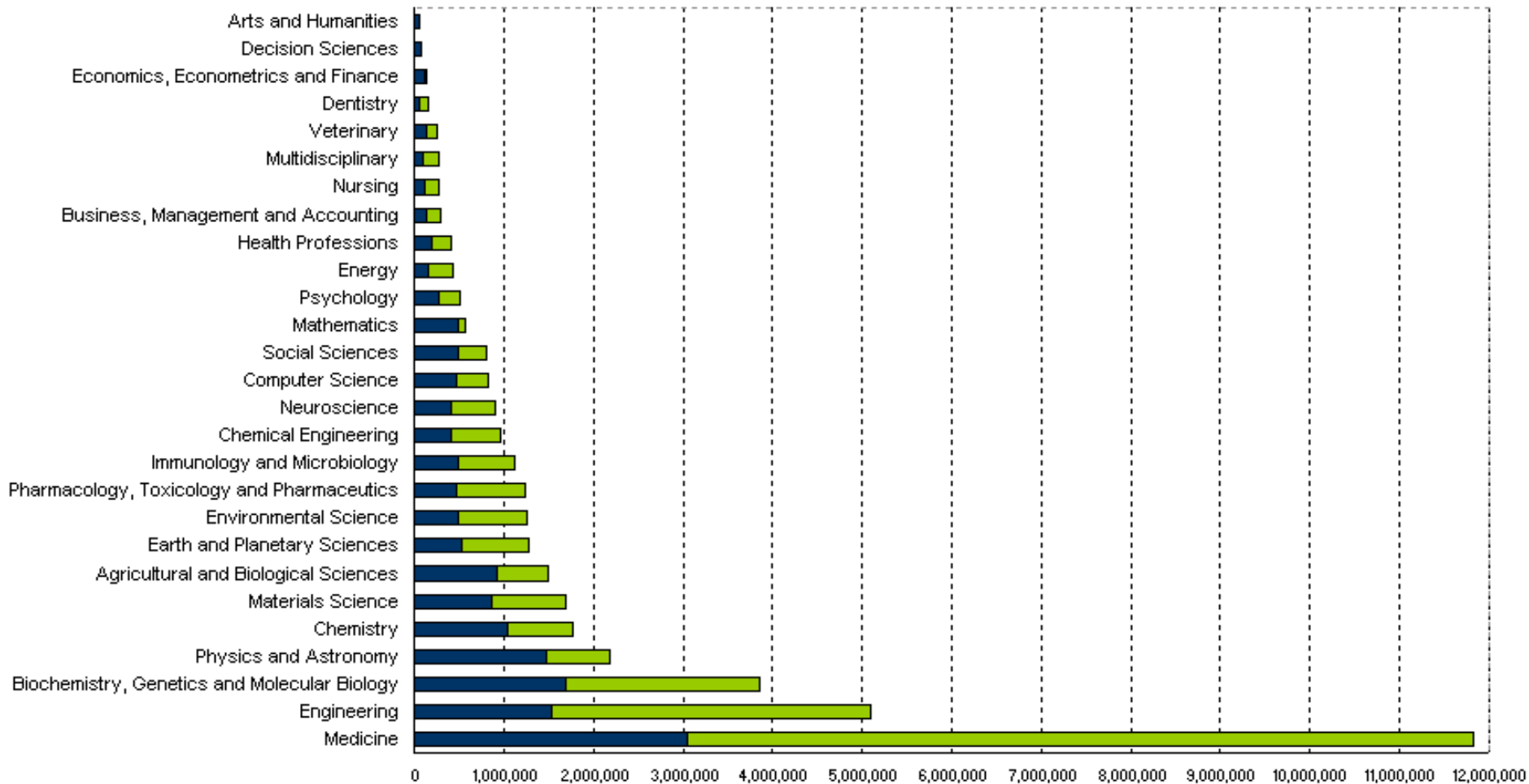
# Scopus with refs 1972 – May, 2007



# Scopus with refs 1996 – May, 2007

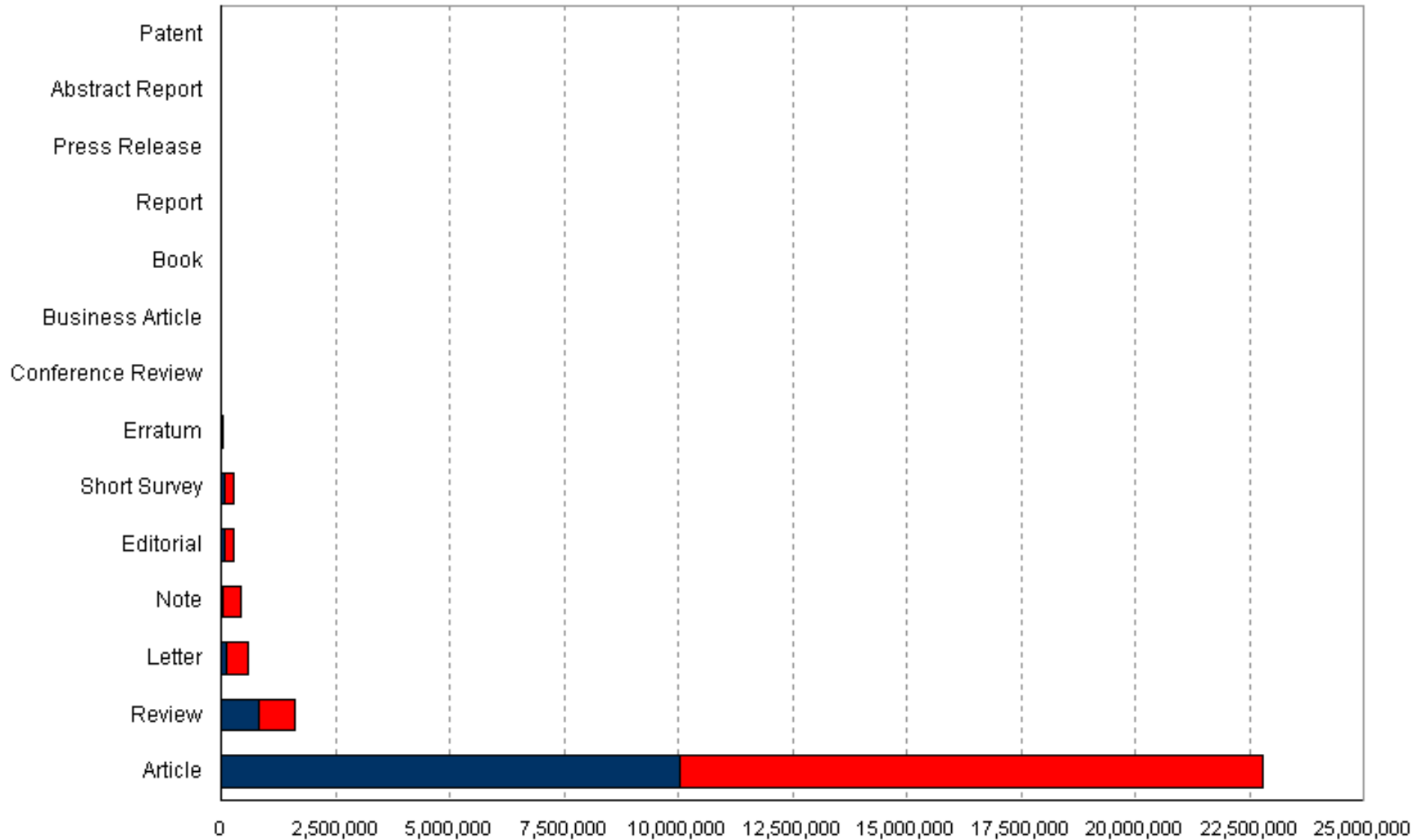


# Scopus with refs – **subject** as of May, 2007

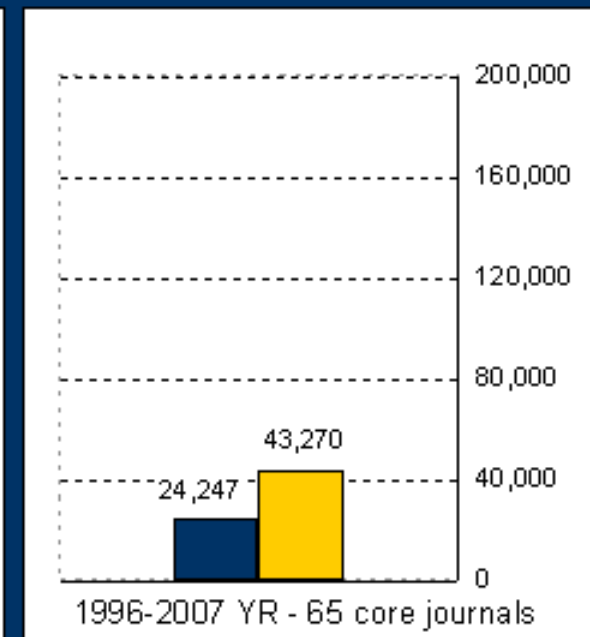
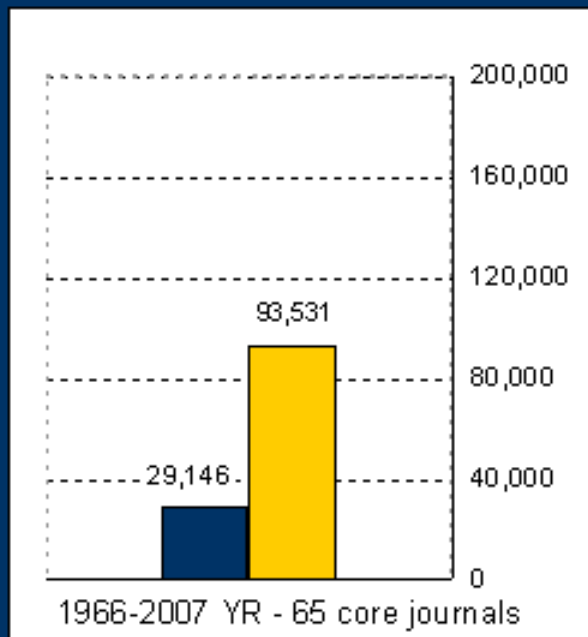
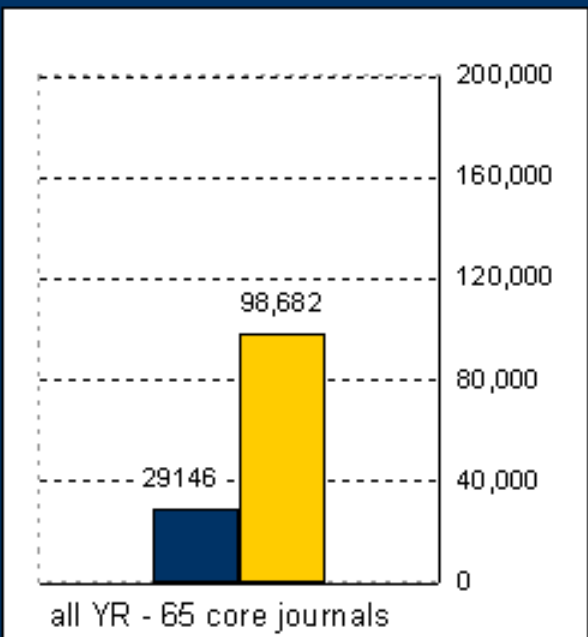
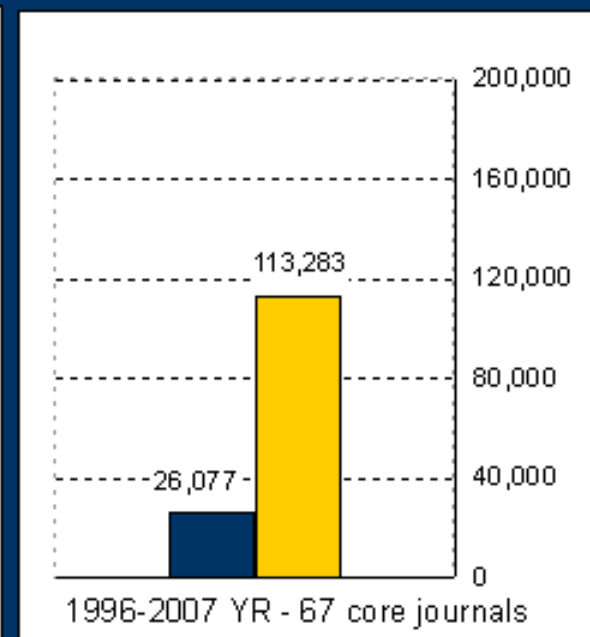
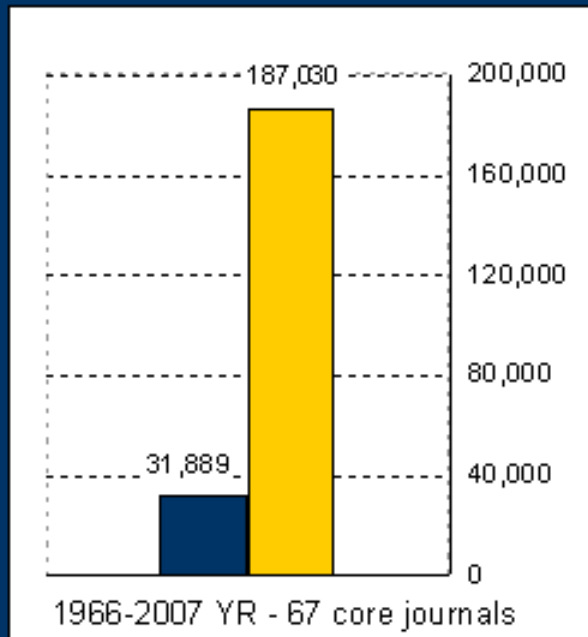
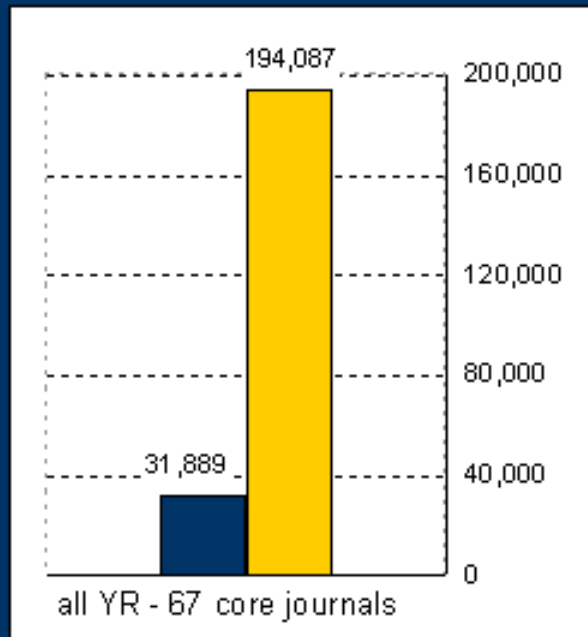




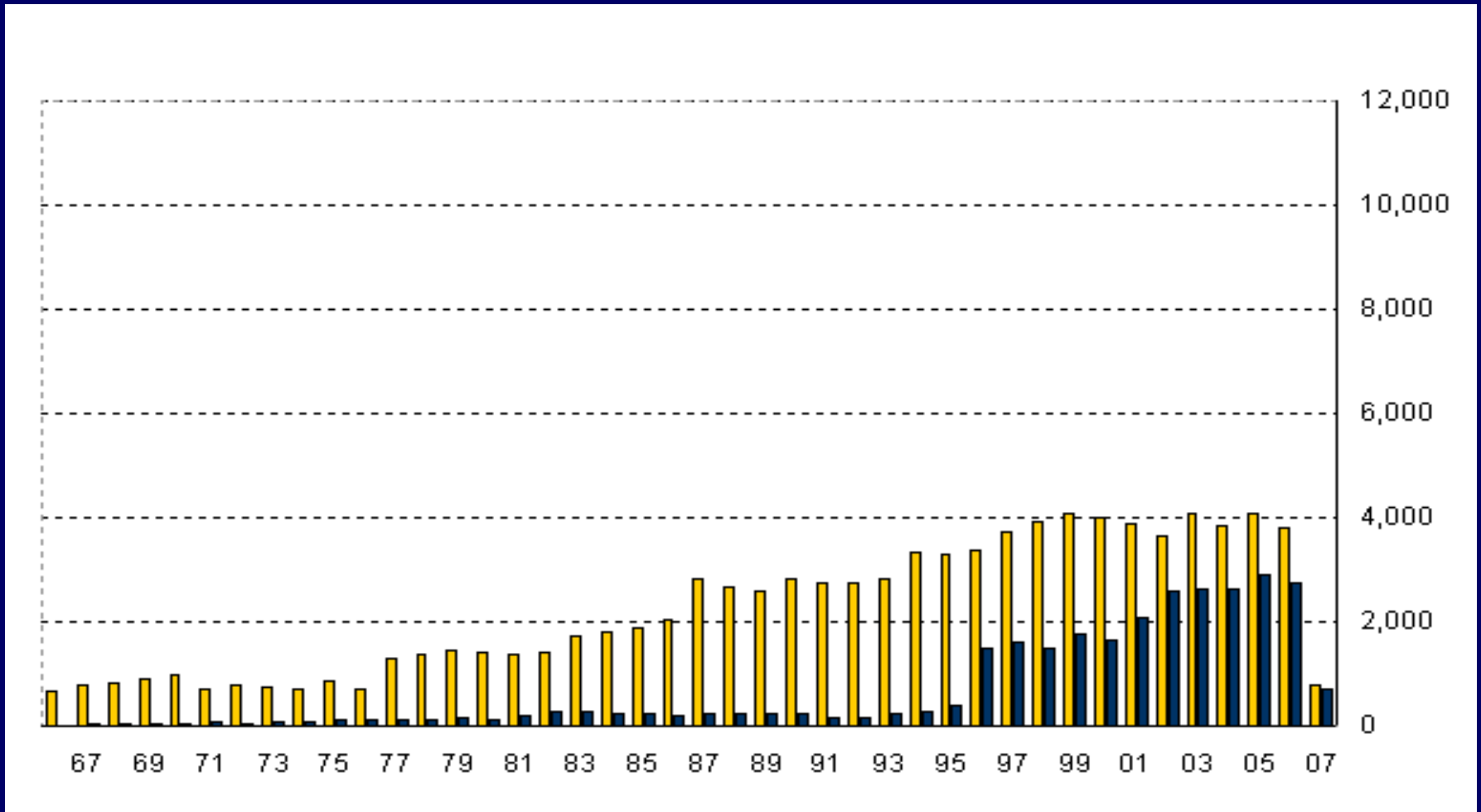
# Scopus with refs – doc type as of May, 2007



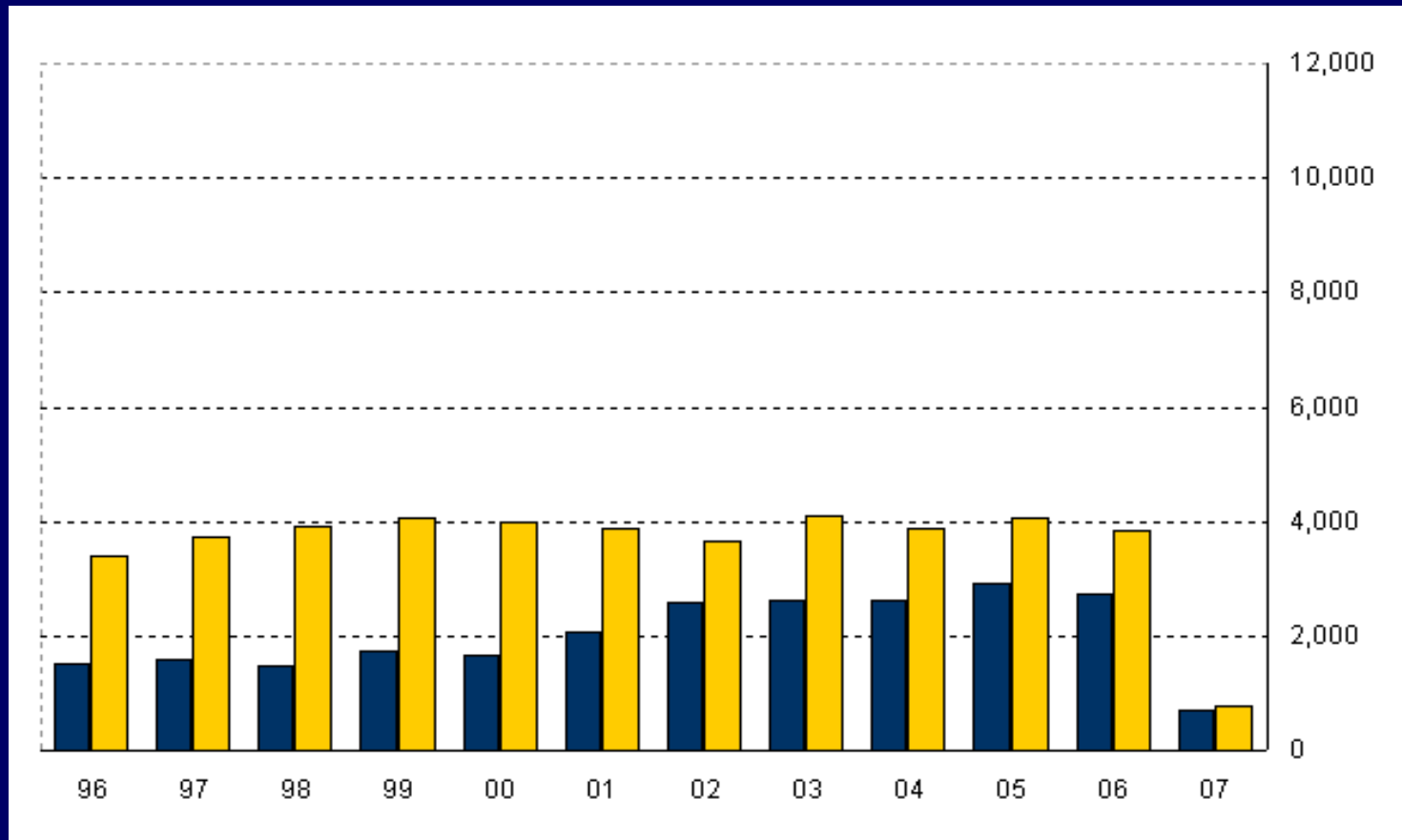
# LIS core journals



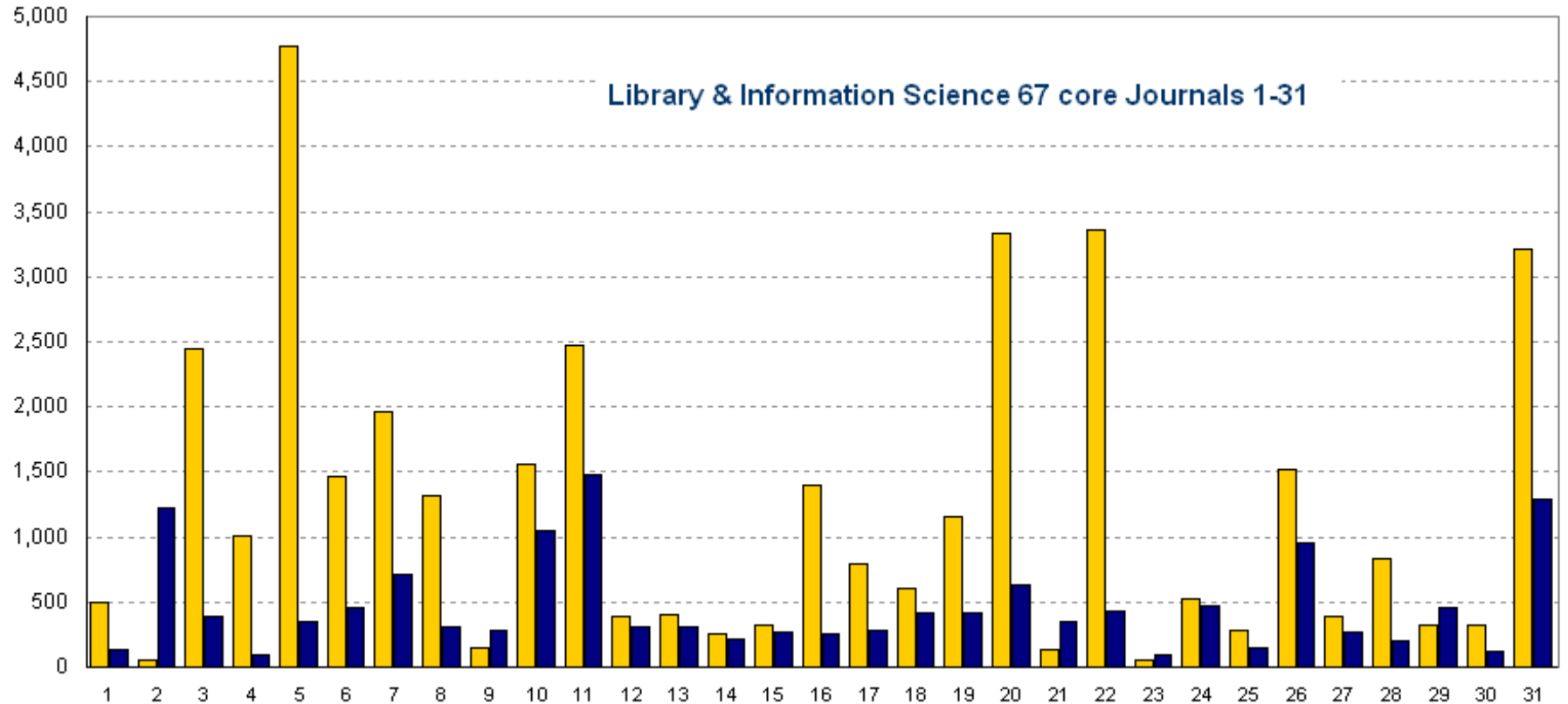
# 67 & 65 core journals 1966 - 2007



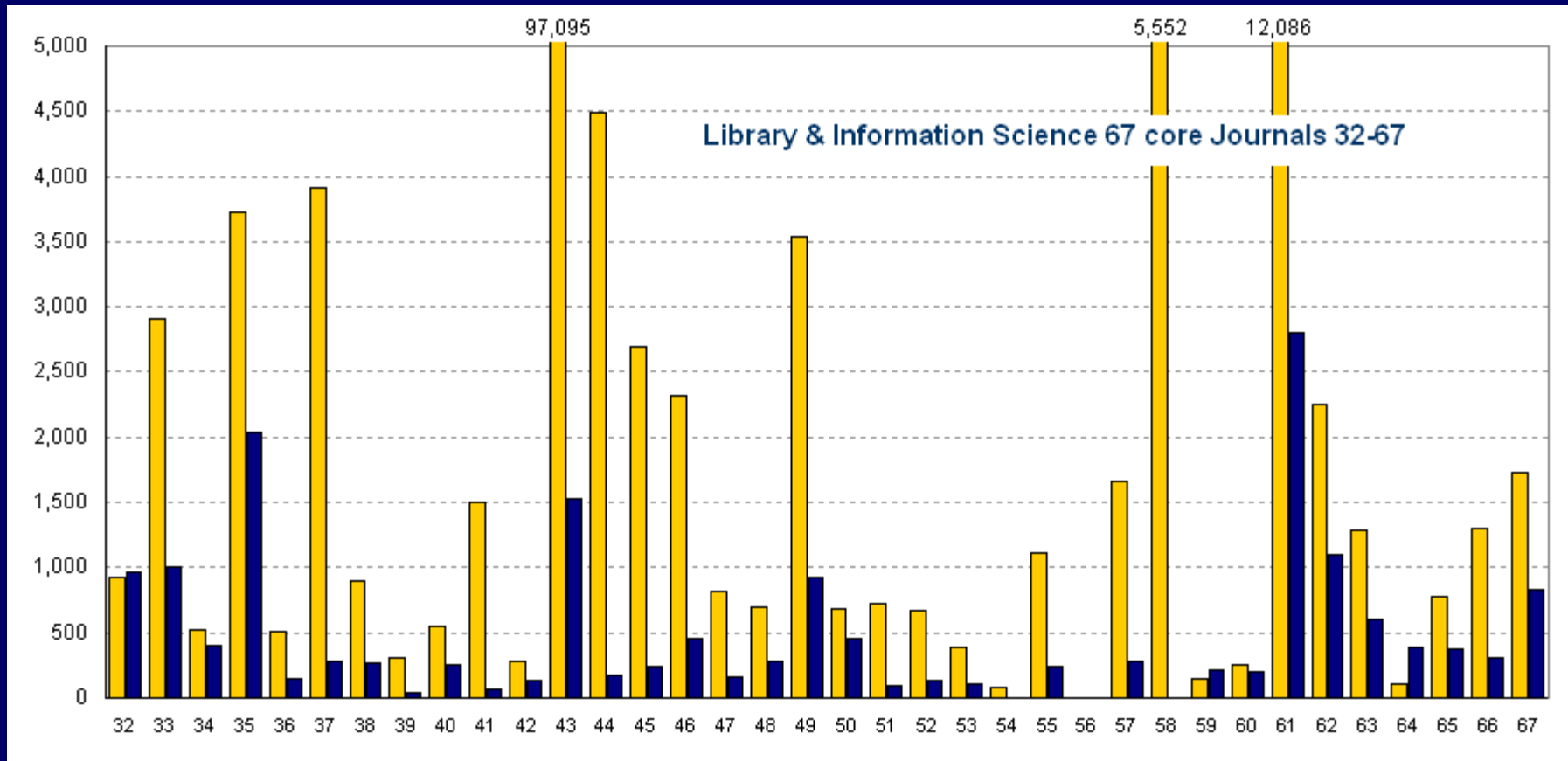
# 67 & 65 core journals 1996 - 2007



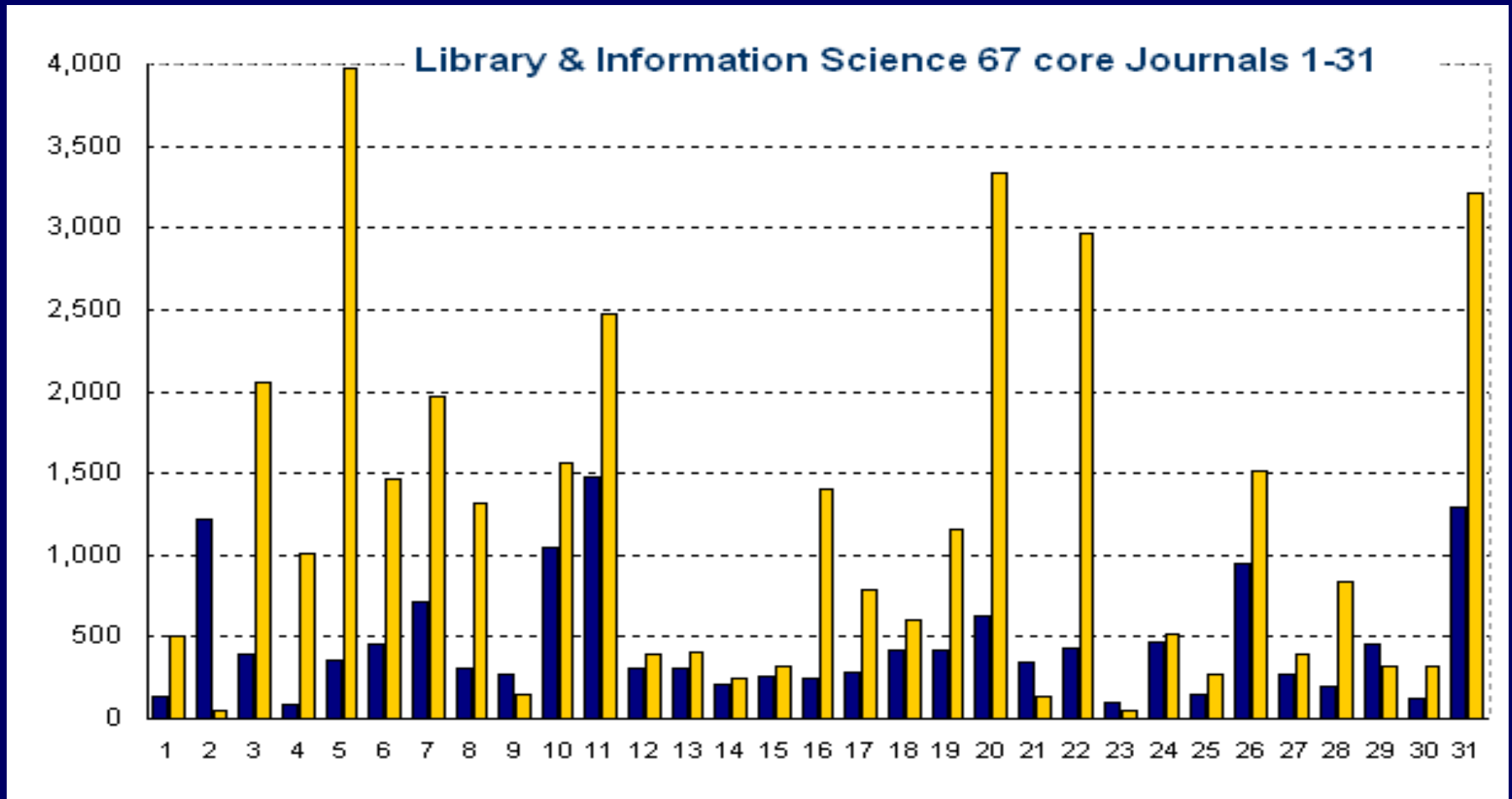
# core 67 Journals all years



# core 67 Journals all years

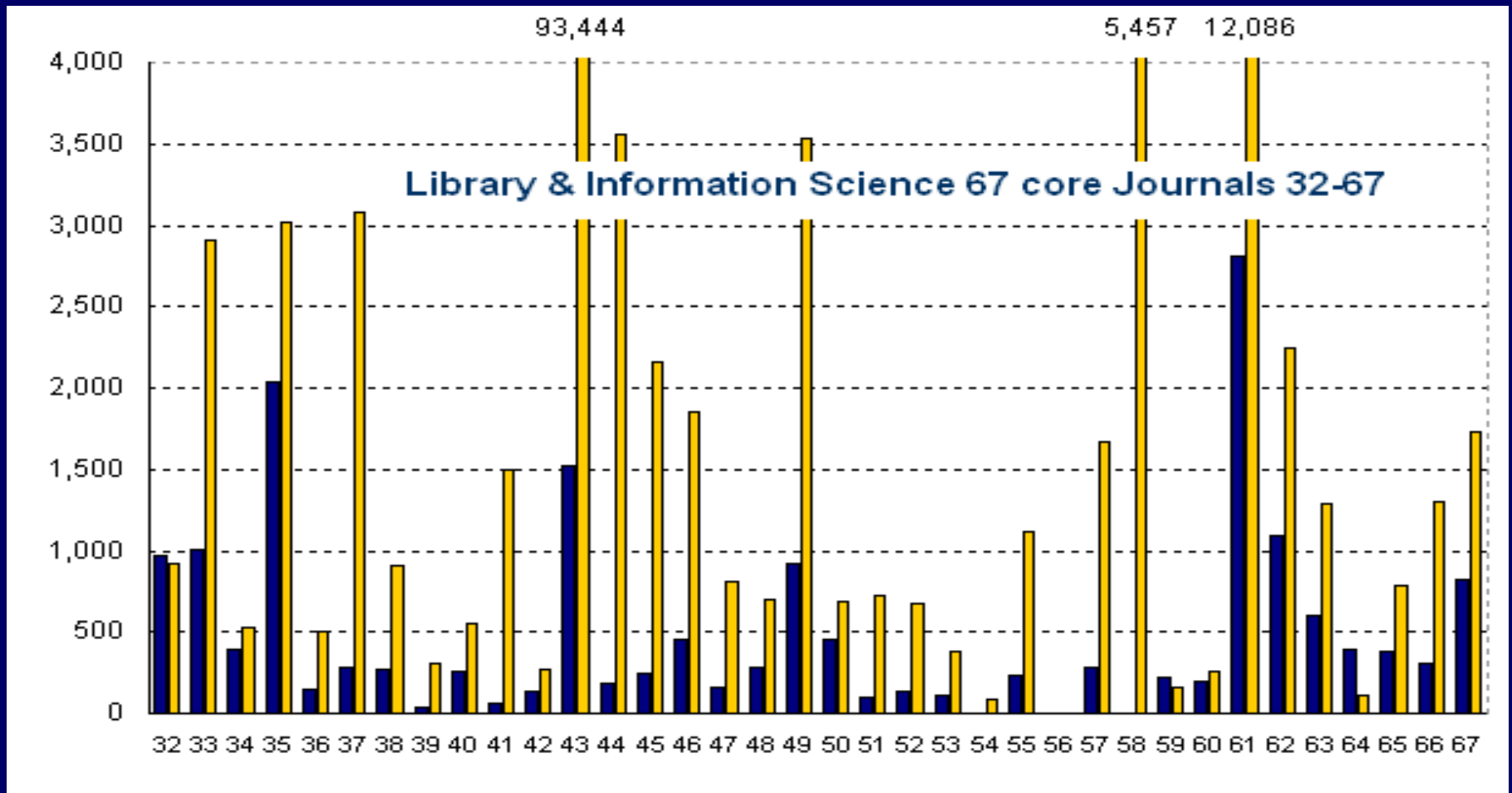


# core 67 Journals 1966 - 2007 years

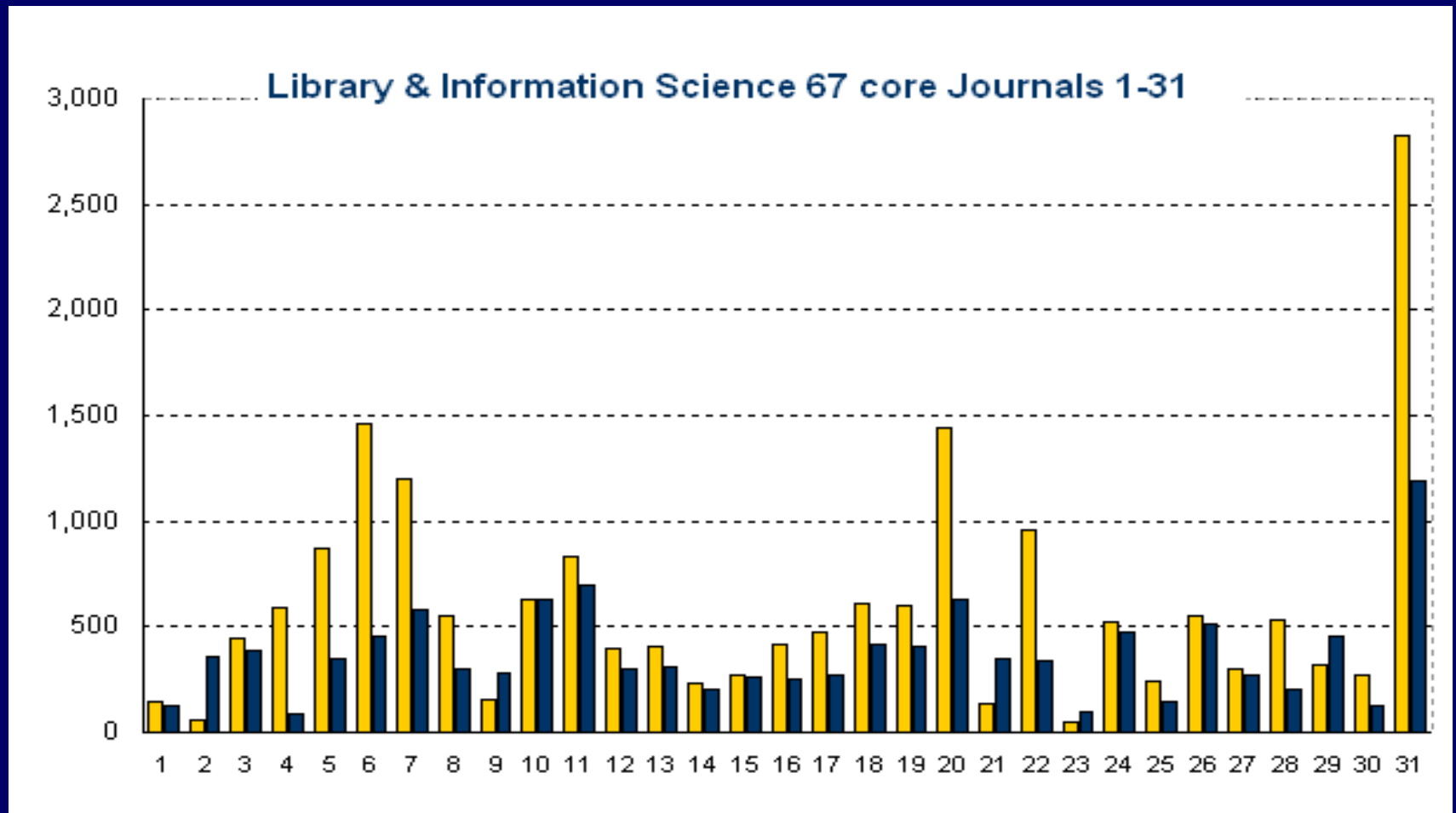




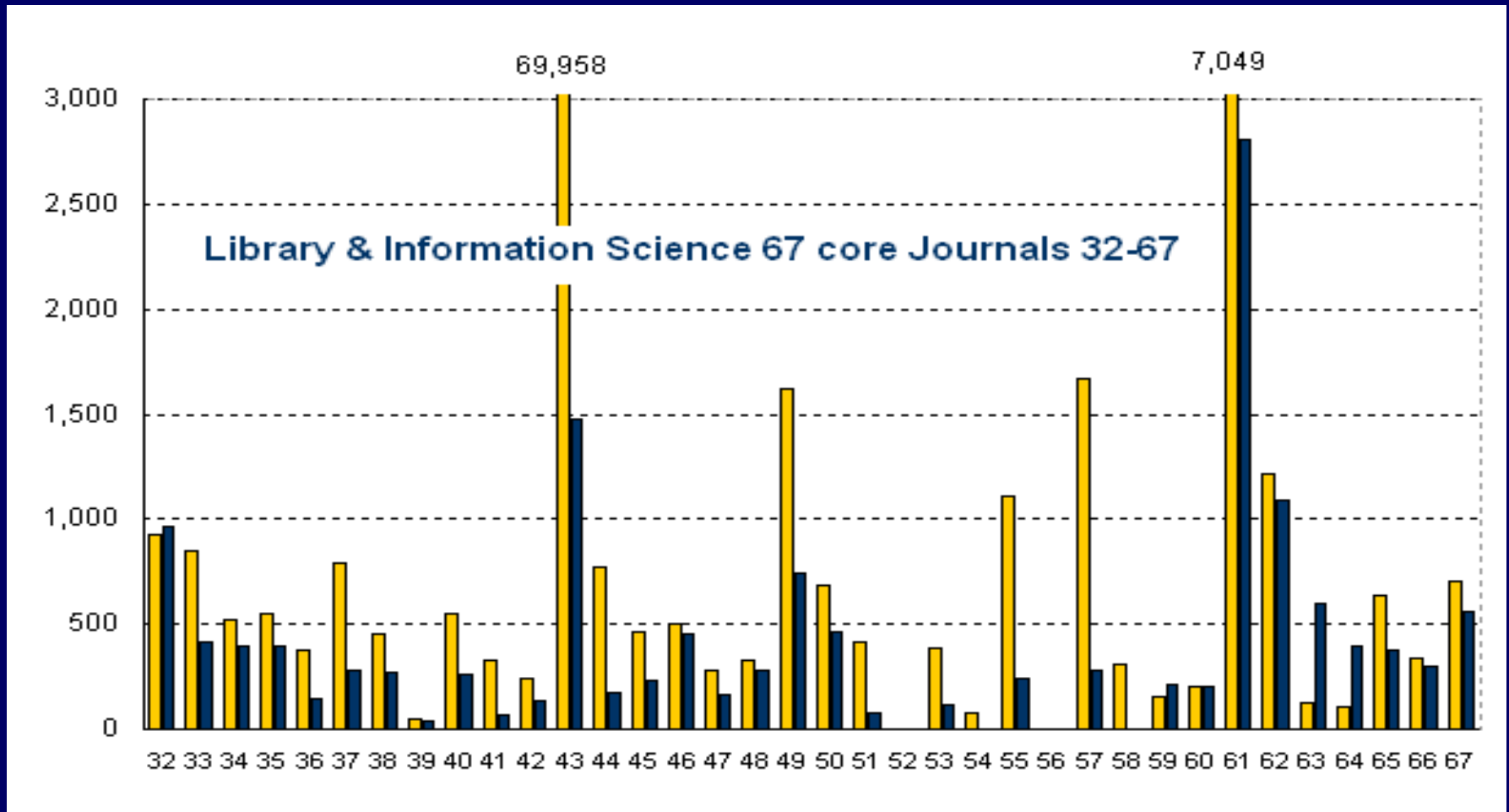
# core 67 Journals 1966 - 2007 years



# core 67 Journals 1996 - 2007 years



# core 67 Journals 1996 - 2007 years



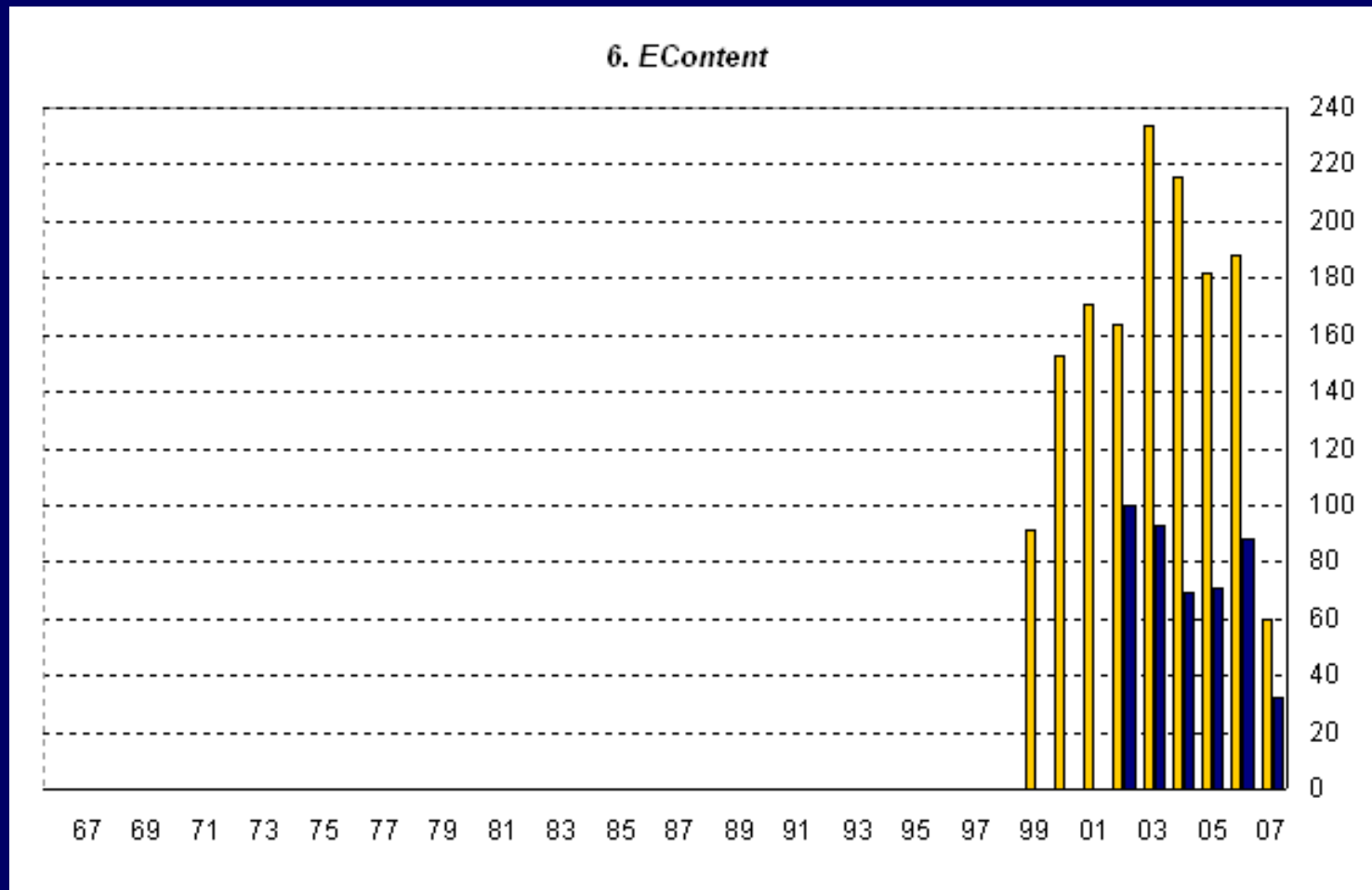


# core 67 Journals - Scopus missing years

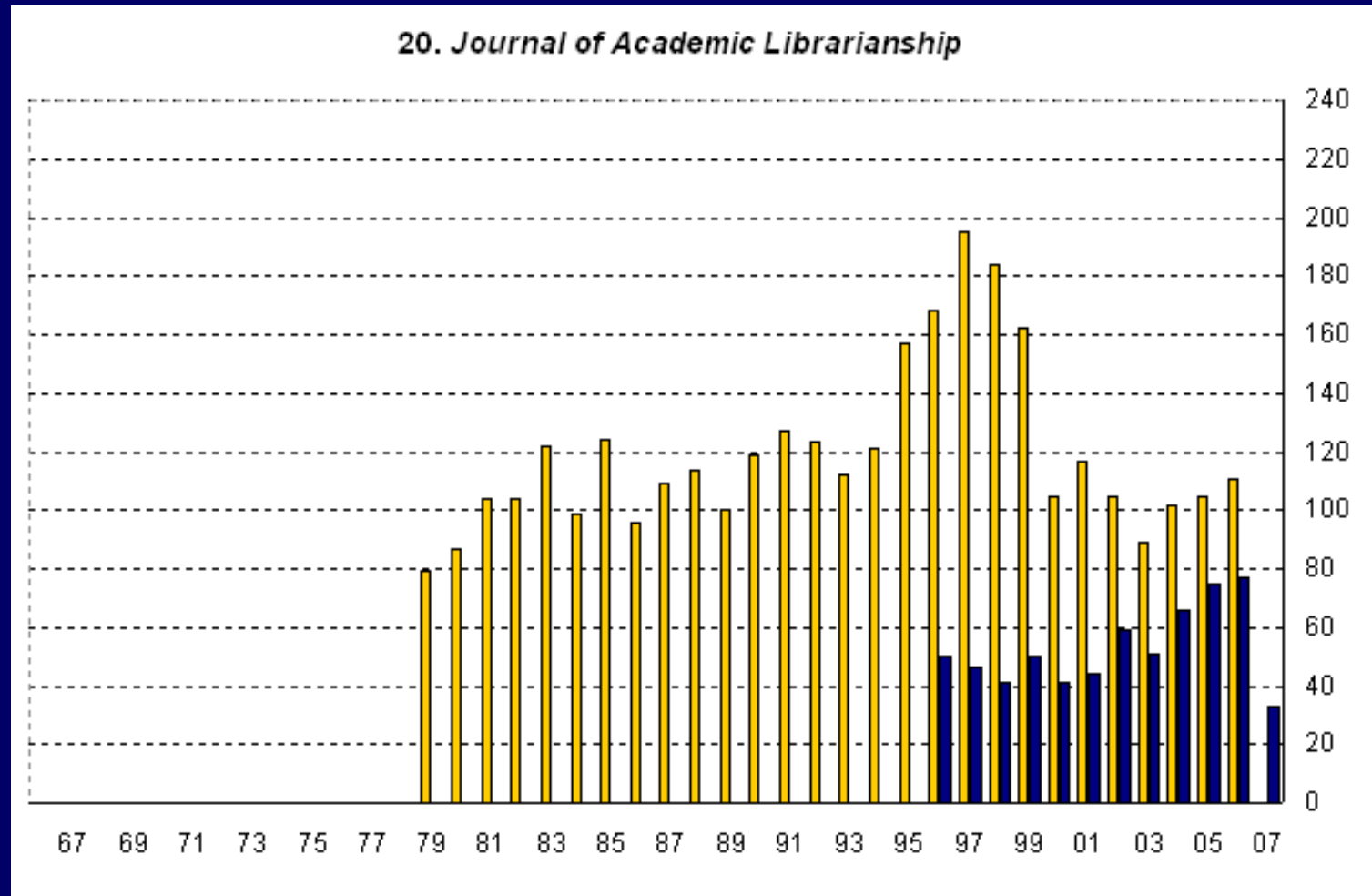
Scopus	SOJ/JM	199H	JM	= cum	07	06	05	04	03	02	01	00	99	98	97	96	95	94	93	92	91	90	89	88	87	86	85	84	83	82	81	80	79	78	77	76	75	74	73	72	71	70	69	68	67	66							
1	ANNUAL REVIEW OF INFORMATION	135	135	135	16	14	14	12	12	14		9	8	8	8	8																																					
2	ASIST MONOGRAPH SERIES	1218	1218	1218							59	60	48	69	52	29	38																																				
3	ASLIB PROCEEDINGS	395	395	395	12	40	37	36	38	40	42	36	38	13	25	32																																					
4	CANADIAN JOURNAL OF INFORMATION	91	91	91			11	14	13		11	7	12	8	8	7																																					
5	COLLEGE & RESEARCH LIBRARIES	353	353	353	5	35	28	18	28	40	34	36	36	35	26	32																																					
6	CONTENT	453	453	453	32	88	71	69	93	100																																											
7	ELECTRONIC LIBRARY	716	716	716	8	58	63	54	61	119	58	27	28	19	20	28	13	8	27		3	12	16	27	13	7																											
8	GOVERNMENT INFORMATION QUARTERLY	311	311	311	25	27	40	38	25	25	20	25	22	22	21	23						6																															
9	HEALTH INFORMATION AND LIBRARY	276	276	276	31	68	64	38	37	38																																											
10	INFORMATION & MANAGEMENT	1050	1050	1050	19	80	63	72	74	49	49	38	53	48	42	46	29	30		10		10	50	54	43	31	40	24	24	22	25	15	10																				
11	INFORMATION PROCESSING & MAN	1475	1475	1475	78	103	90	95	49	44	41	40	43	46	52	51	55	59	55	56	47	52	55	39	40	39	34	16	37	58	29		4	27	21	22	24	13															
12	INFORMATION RESEARCH AN INVE	303	303	303	32	40	51	23	28	47	27	17	18			16																																					
13	INFORMATION SOCIETY	309	309	309	12	31	35	35	35	34	20	25	23	22	17	20																																					
14	INFORMATION SYSTEMS JOURNAL	212	212	212	11	18	22	20	21	21	13	16	16	16	16	16	6																																				
15	INFORMATION SYSTEMS RESEARCH	264	264	264	27	26	22	22	29	23																																											
16	INFORMATION TECHNOLOGY AND L	252	252	252	32	29	21	33	25	24	23	20	19	15	11																																						
17	INTERLENDING & DOCUMENT SUPP	287	287	287	8	31	34	37	38	27	18	15	15	13	17	15	19																																				
18	INTERNATIONAL JOURNAL OF GEO	419	419	419	12	41	46	39	36	41	41	43	40	42	38																																						
19	INTERNATIONAL JOURNAL OF INFO	420	420	420	13	45	43	40	43	32	32	30	32	33	31	33																																					
20	JOURNAL OF ACADEMIC LIBRARIAN	633	633	633	33	77	75	66	51	59	44	41	50	41	46	50																																					
21	JOURNAL OF COMPUTER-MEDIA RE	344	344	344	21	34	61	31	33	25	23	17	23	18	28	29																																					
22	JOURNAL OF DOCUMENTATION	432	432	432	13	36	44	36	28	26	31	32	22	27	24	15																																					
23	JOURNAL OF GLOBAL INFORMATION	100	100	100	17	17	21	21	24																																												
24	JOURNAL OF HEALTH COMMUNICA	472	472	472	14	80	72	57	62	32	21	37	24	31	21	21																																					
25	JOURNAL OF INFORMATION ETHICS	145	145	145	19	19	13	16	20	8	13	10	11	5	9																																						
26	JOURNAL OF INFORMATION SCIENCE	949	949	949	15	46	49	47	54	49	43	44	48	42	39	39	42	9	39	39	25	44	14	13	16	18	26	29	36	34	25	20	5																				
27	JOURNAL OF INFORMATION TECHN	270	270	270	10	26	21	27	20	25	16	22	27	23	23	30																																					
28	JOURNAL OF LIBRARIANSHIP AND I	200	200	200	4	18	19	16	21	21	17	16	18	17	16	17																																					
29	JOURNAL OF MANAGEMENT INFOR	458	458	458	35	49	39	39	32	51	40	38	34	43	58																																						
30	JOURNAL OF SCHOLARLY PUBLISH	121	121	121	2	22	21																																														
31	JOURNAL OF THE AMERICAN MED	1294	1294	1294	37	92	85	72	76	81	67	73	55	67	329	199	51	52																																			
32	JOURNAL OF THE AMERICAN SOCI	959	959	959	63	182	139	114	128	123	126	94																																									
33	JOURNAL OF THE AMERICAN SOCI	1012	1012	1012									131	99	101	80	2																																				
34	JOURNAL OF THE MEDICAL LIBRAR	397	397	397	18	83	83	75	68	67	2																																										
35	BULLETIN OF THE MEDICAL LIBRA	2038	2038	2038																																																	
36	KNOWLEDGE ORGANIZATION	147	147	147	12	12	19	17	17	13	11	10	8	14	14																																						
37	LAW LIBRARY JOURNAL	285	285	285	9	21	36	32	30	32	52	13	13	21	15	8																																					
38	LIBRARY & INFORMATION SCIENCE	270																																																			

# JN one by one YR

## 6. ECONTENT

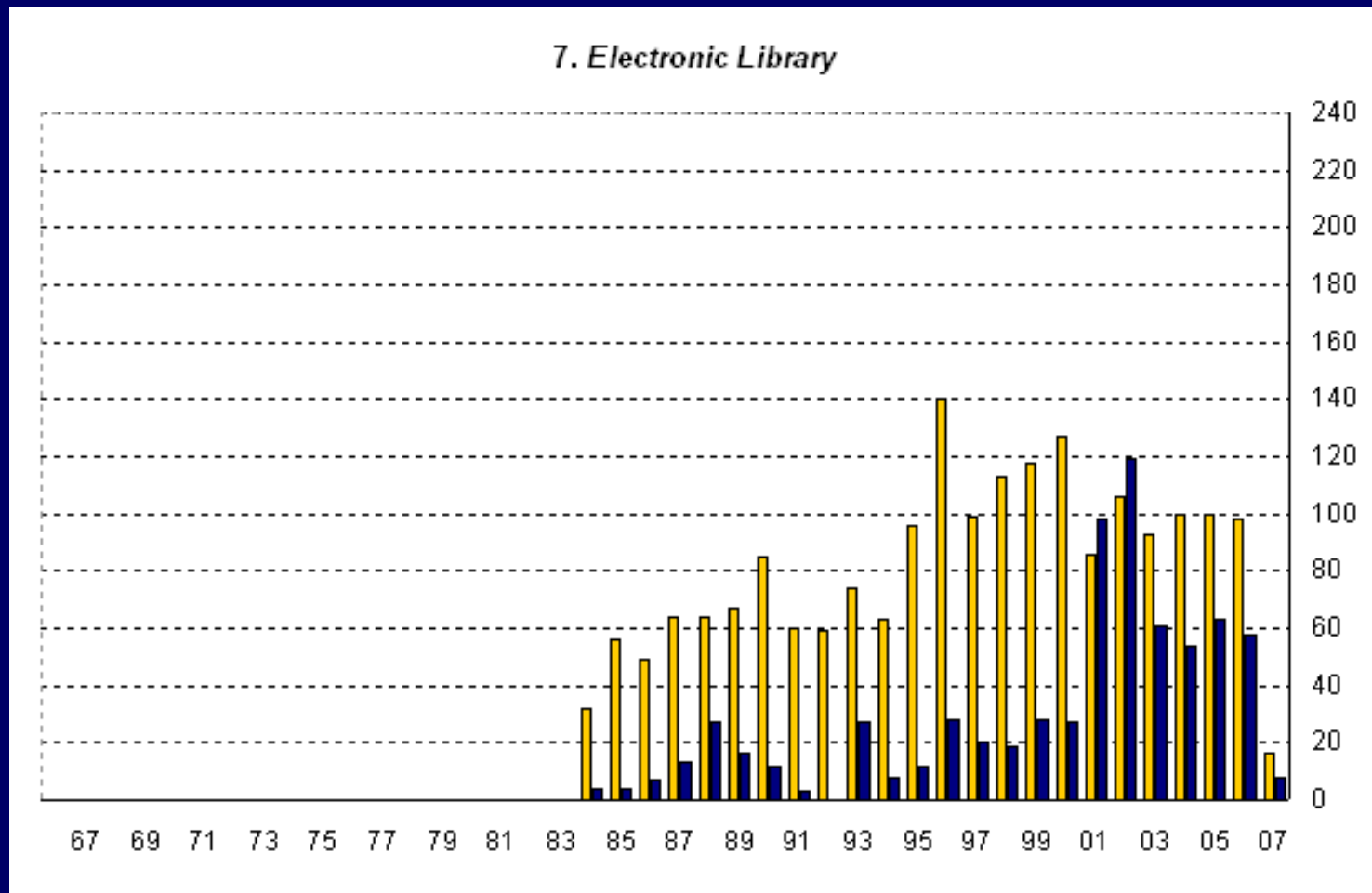


## 20. JOURNAL OF ACADEMIC LIBRARIANSHIP

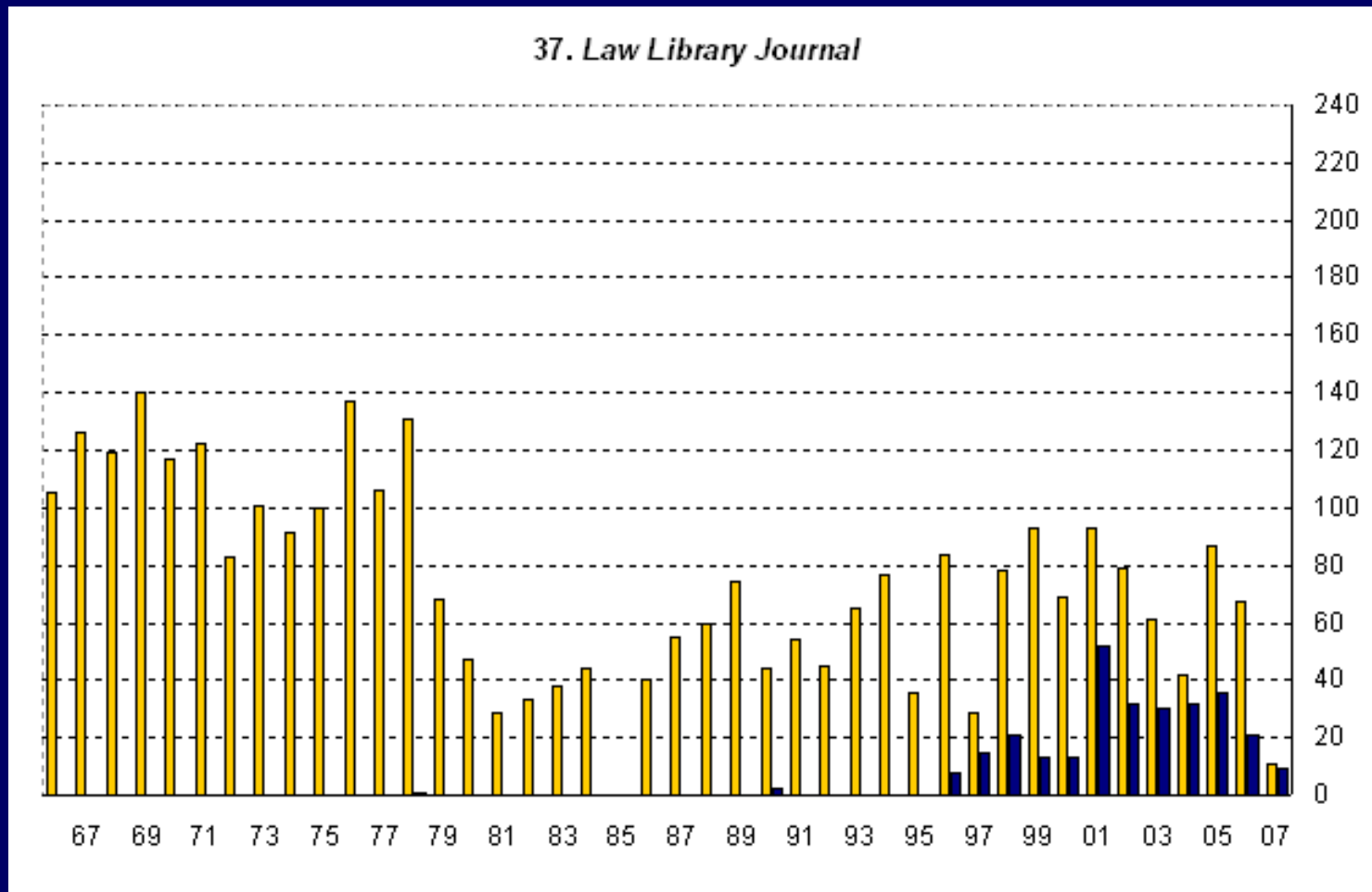




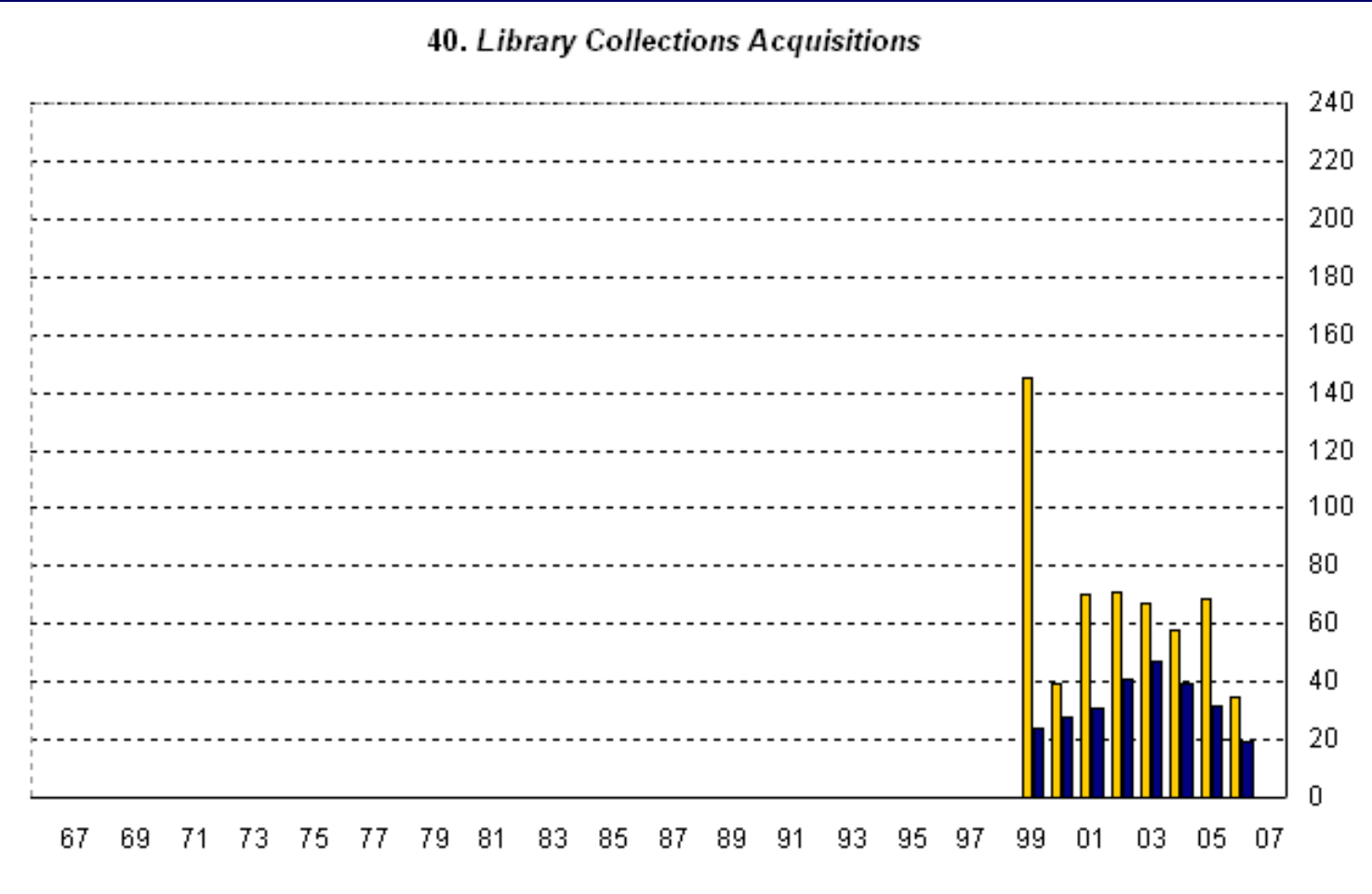
# 7. ELECTRONIC LIBRARY



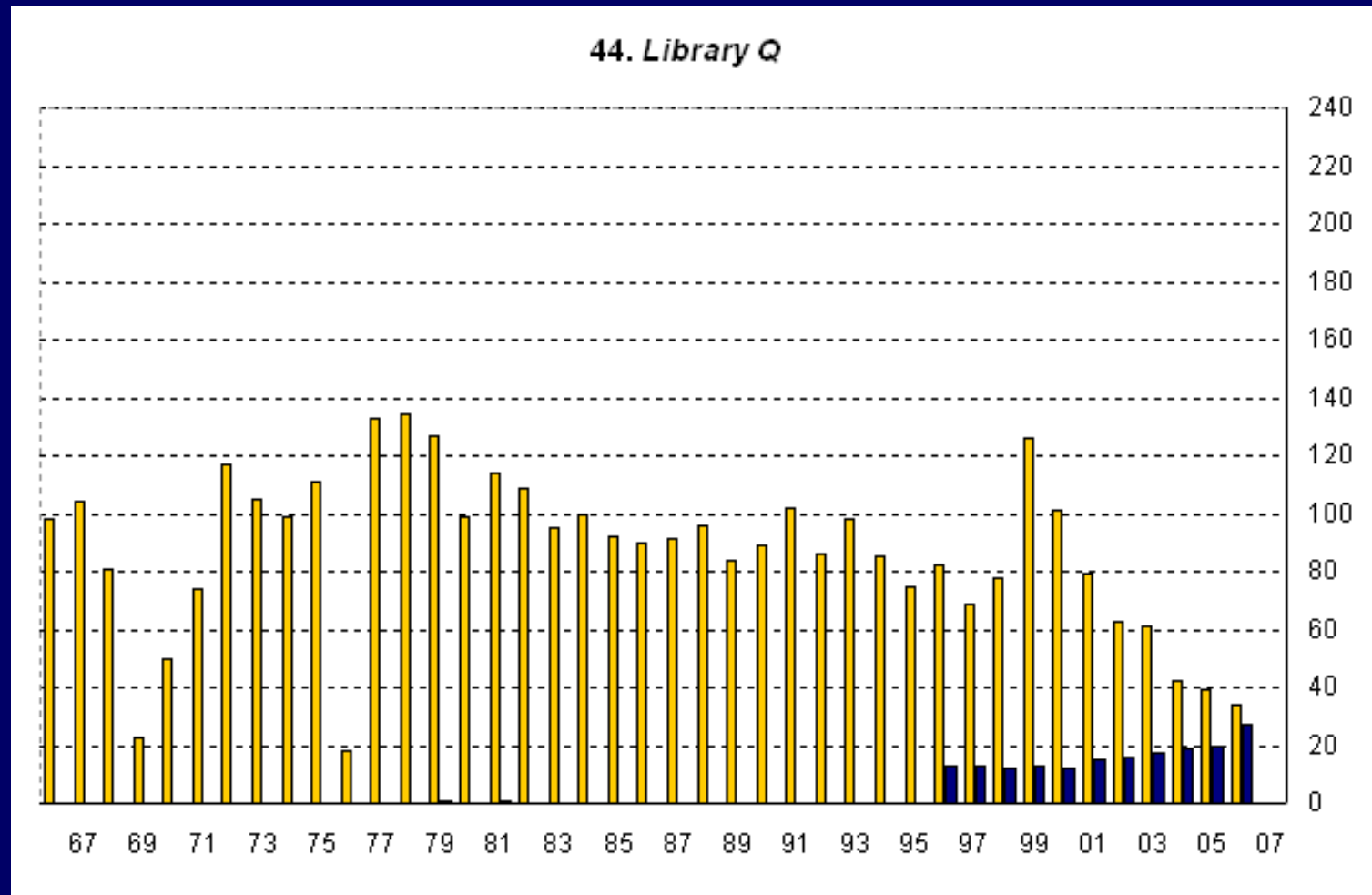
# 37. LAW LIBRARY JOURNAL



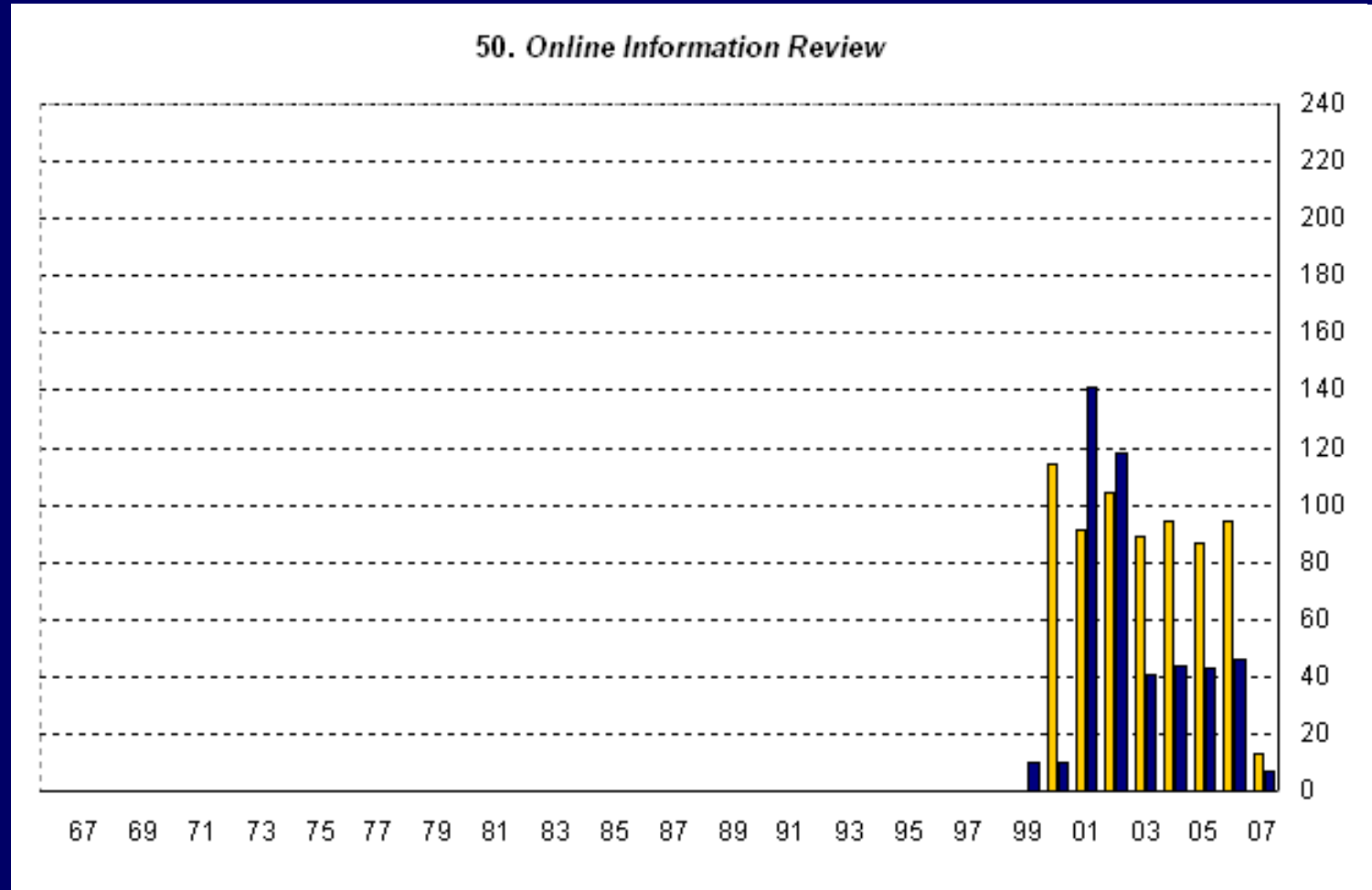
# 40. LIBRARY COLLECTIONS ACQUISITIONS & TECHNICAL S.



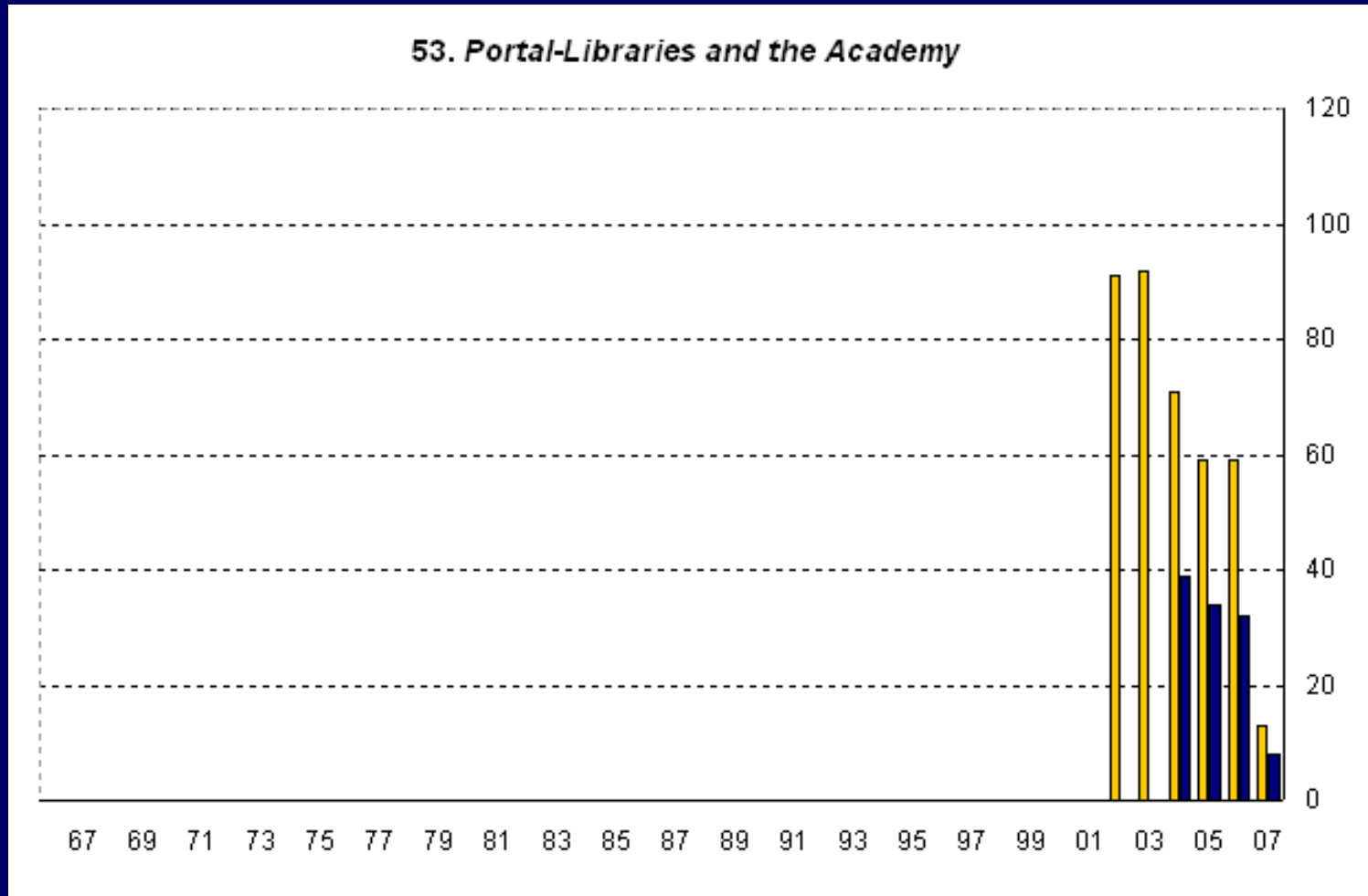
# 44. LIBRARY QUARTERLY



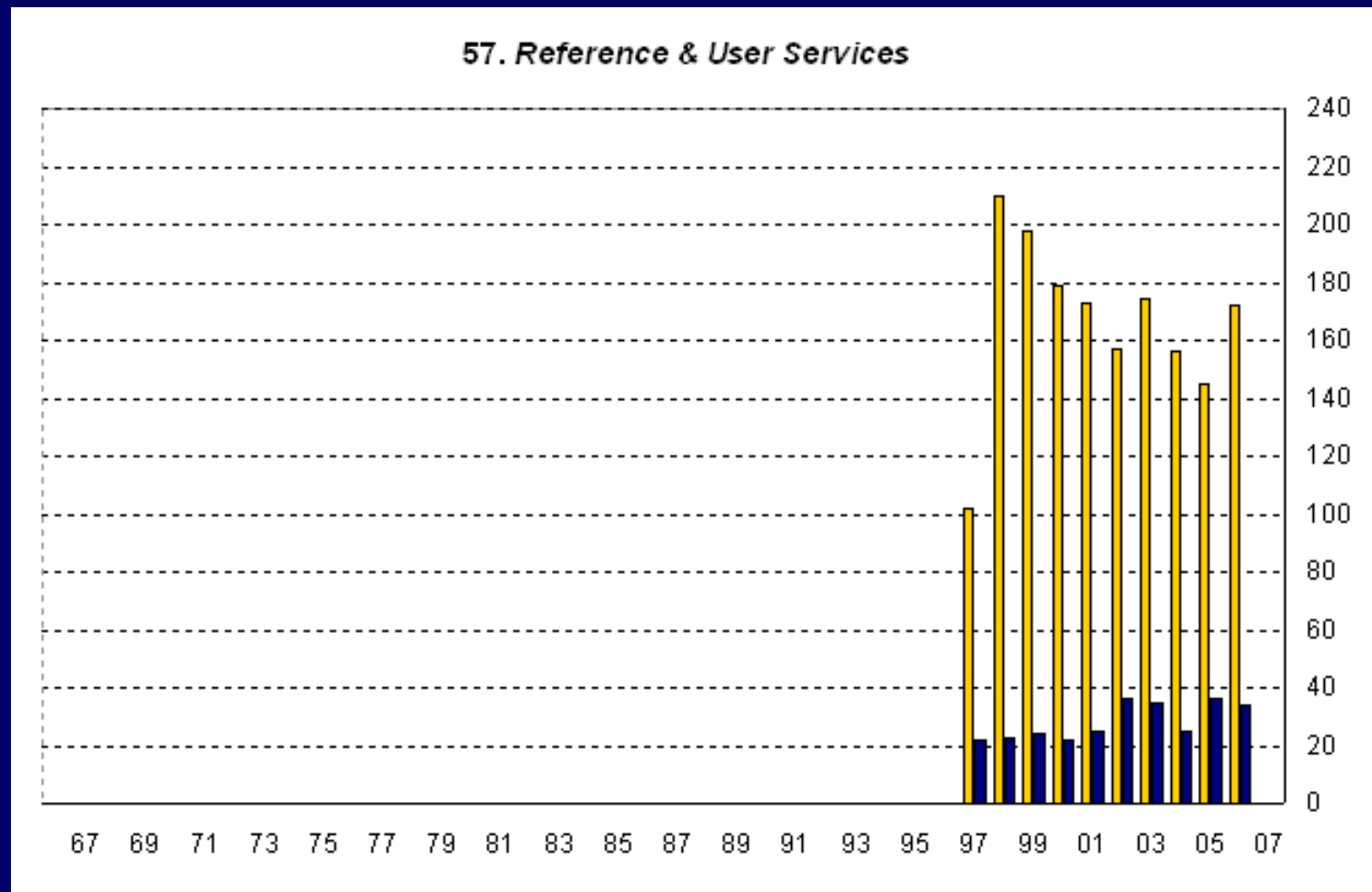
**52. ONLINE REVIEW**  
**51. ONLINE & CDROM REVIEW**  
**50. ONLINE INFORMATION REVIEW**



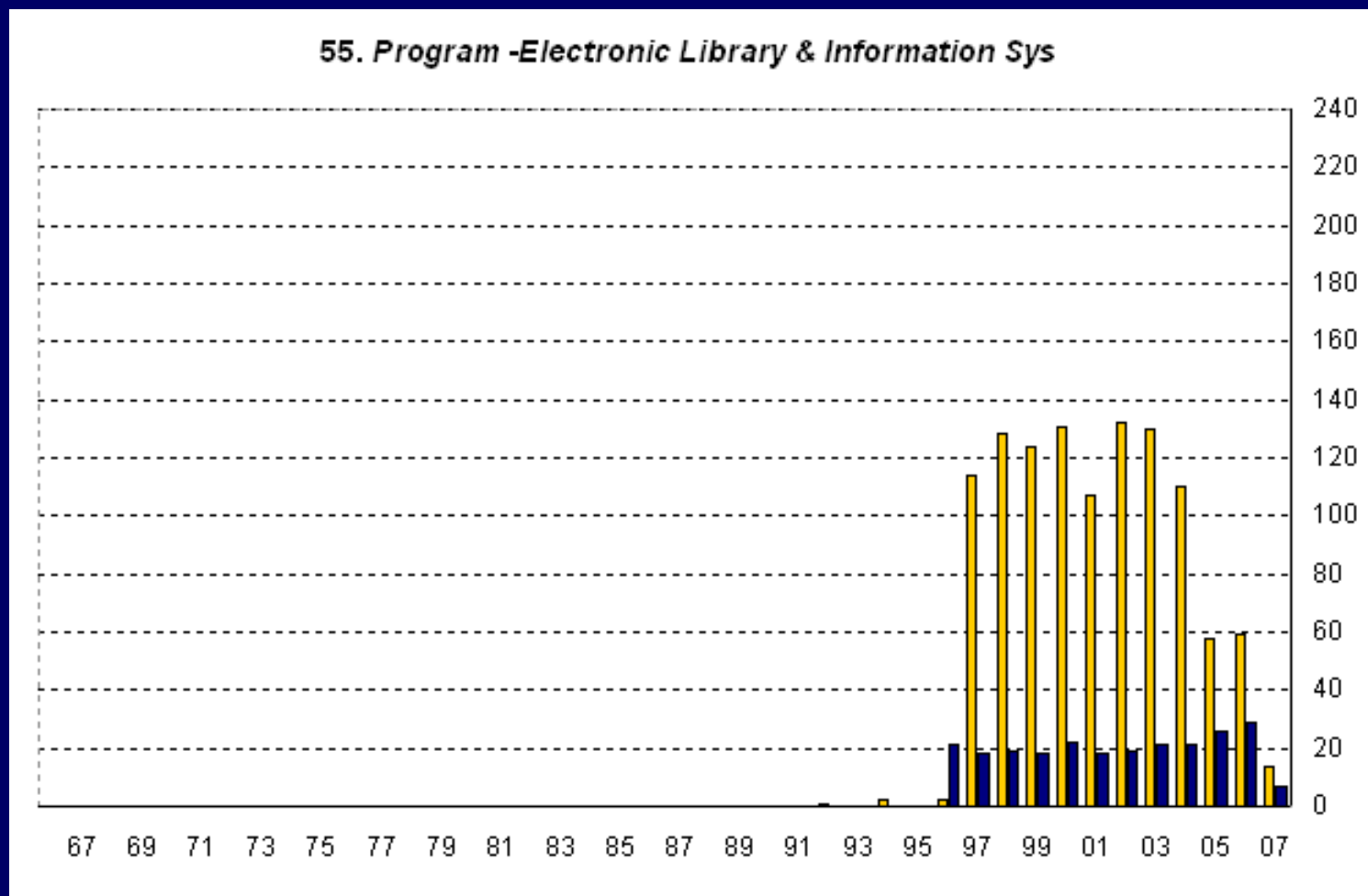
## 53. PORTAL-LIBRARIES AND THE ACADEMY



# 57. REFERENCE & USER SERVICES QUARTERLY

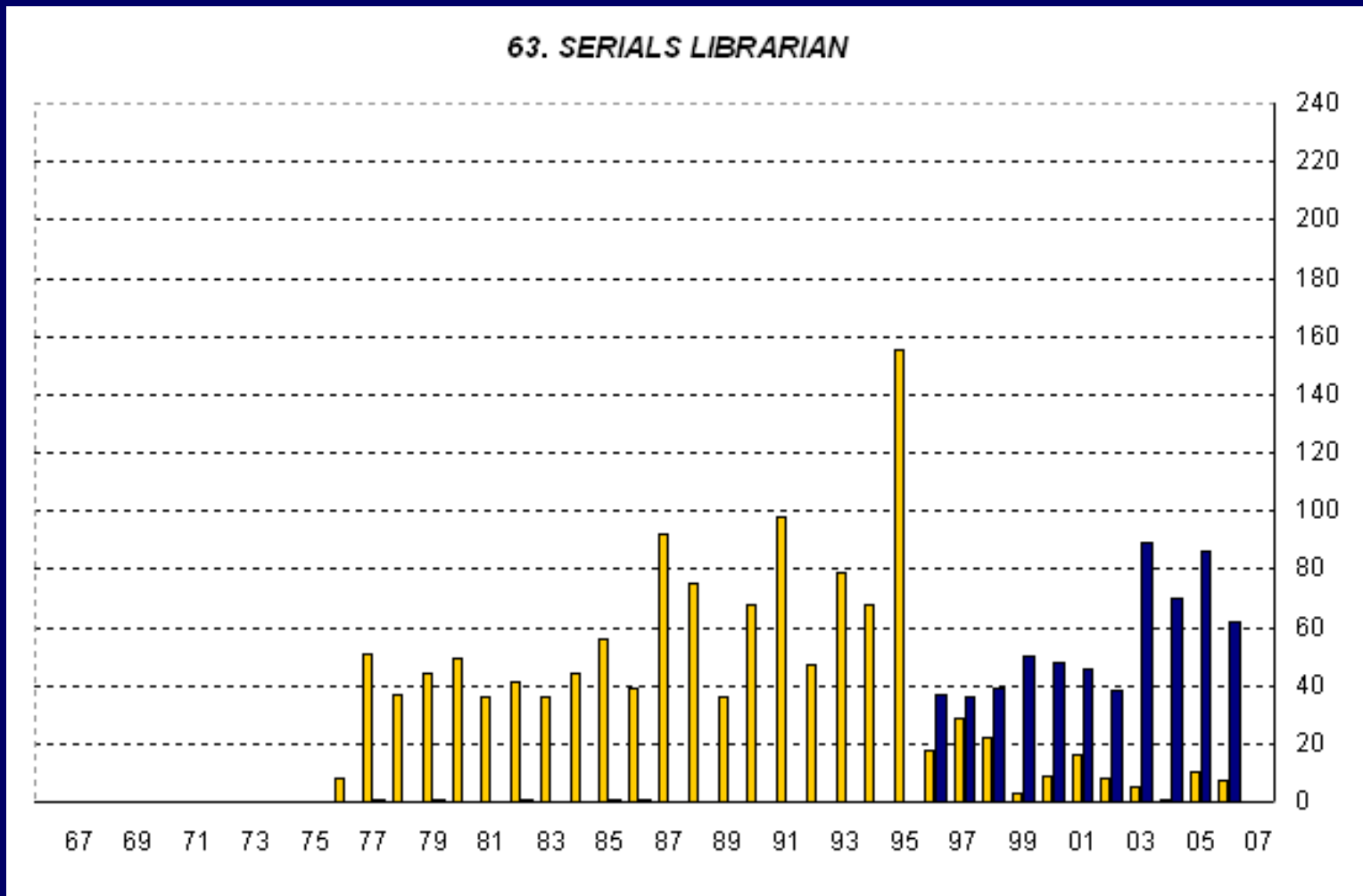


# 55. PROGRAM-ELECTRONIC LIBRARY AND INFORMATION SYS

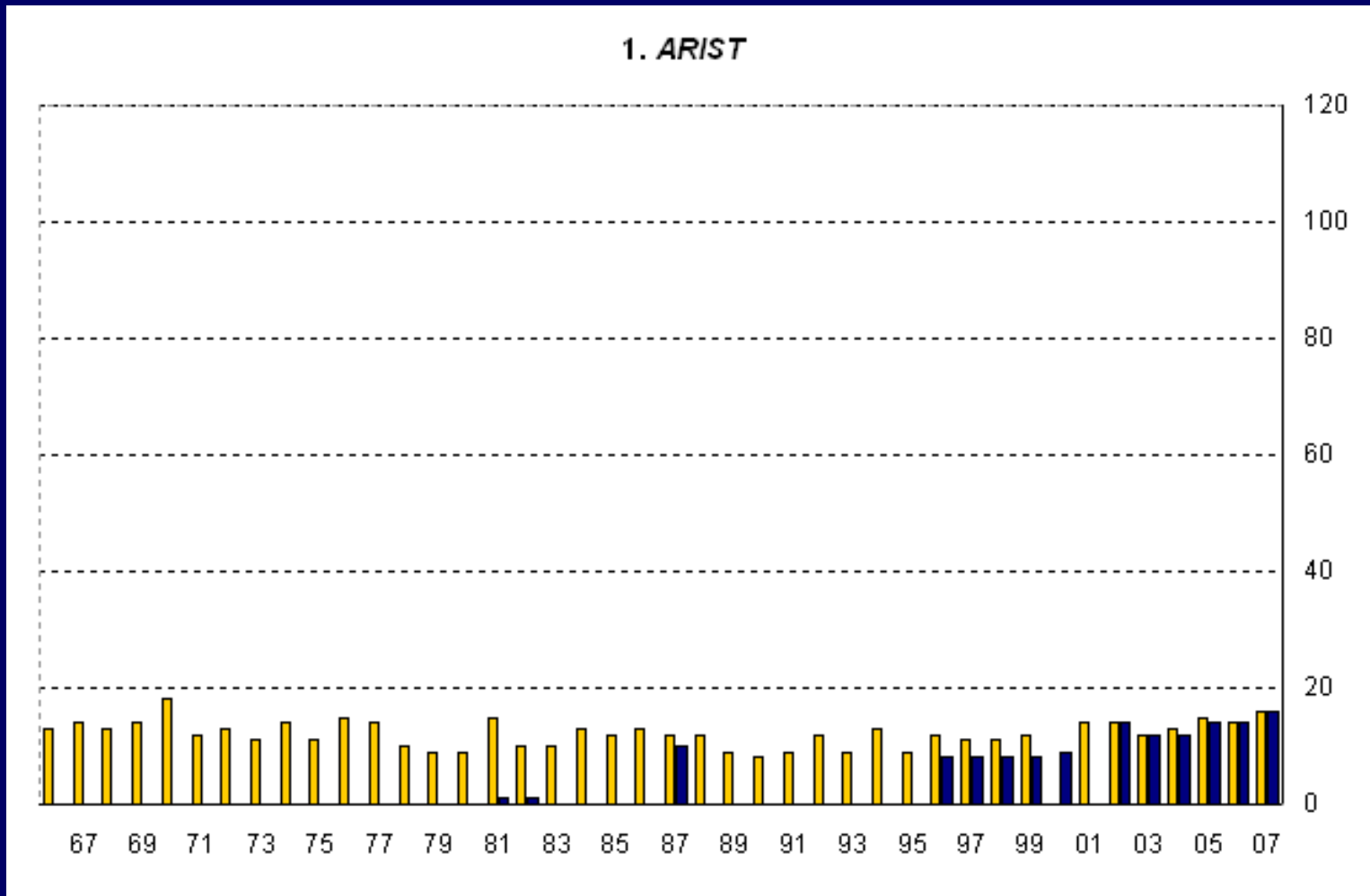




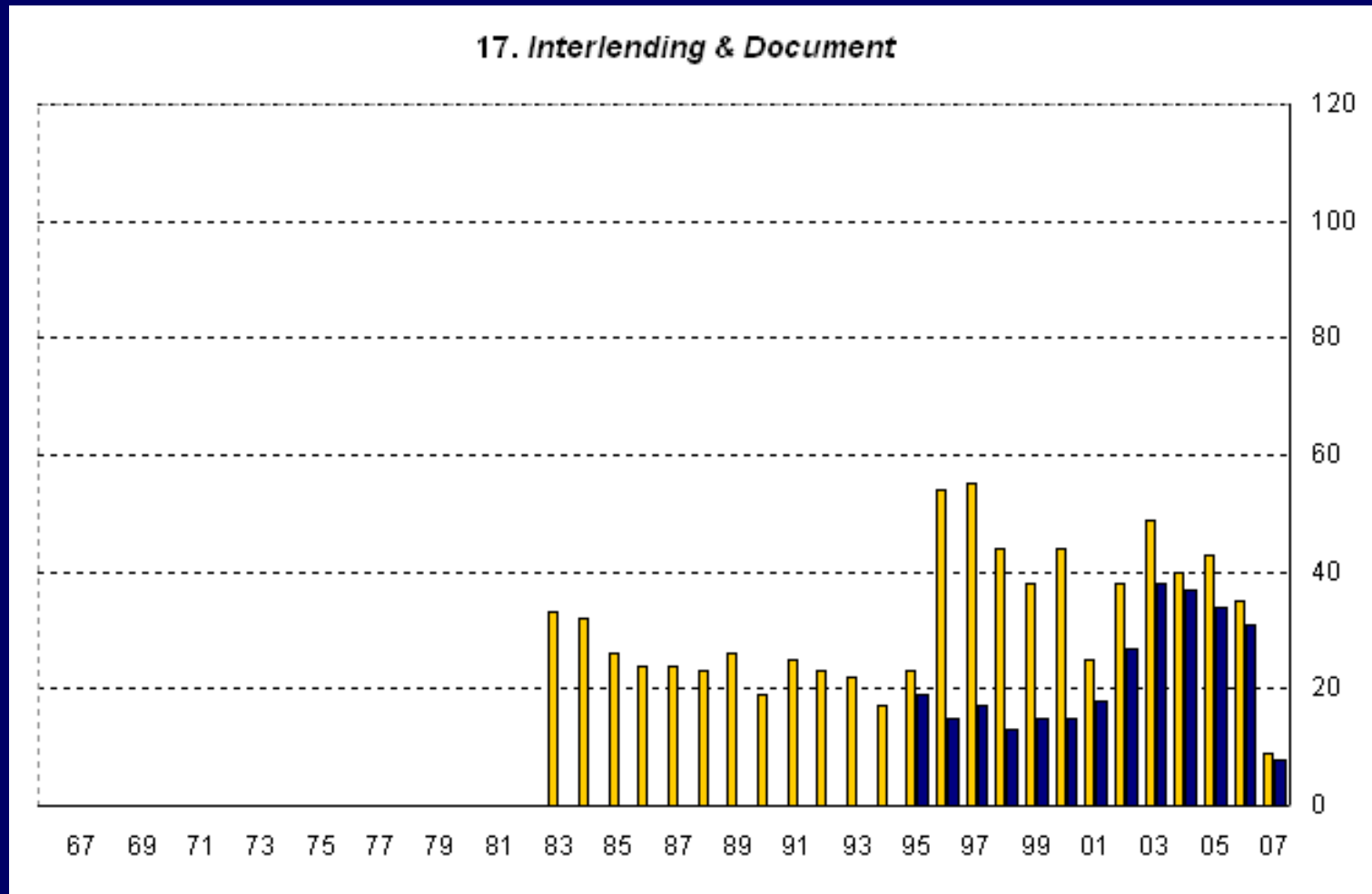
# 63. SERIALS LIBRARIAN



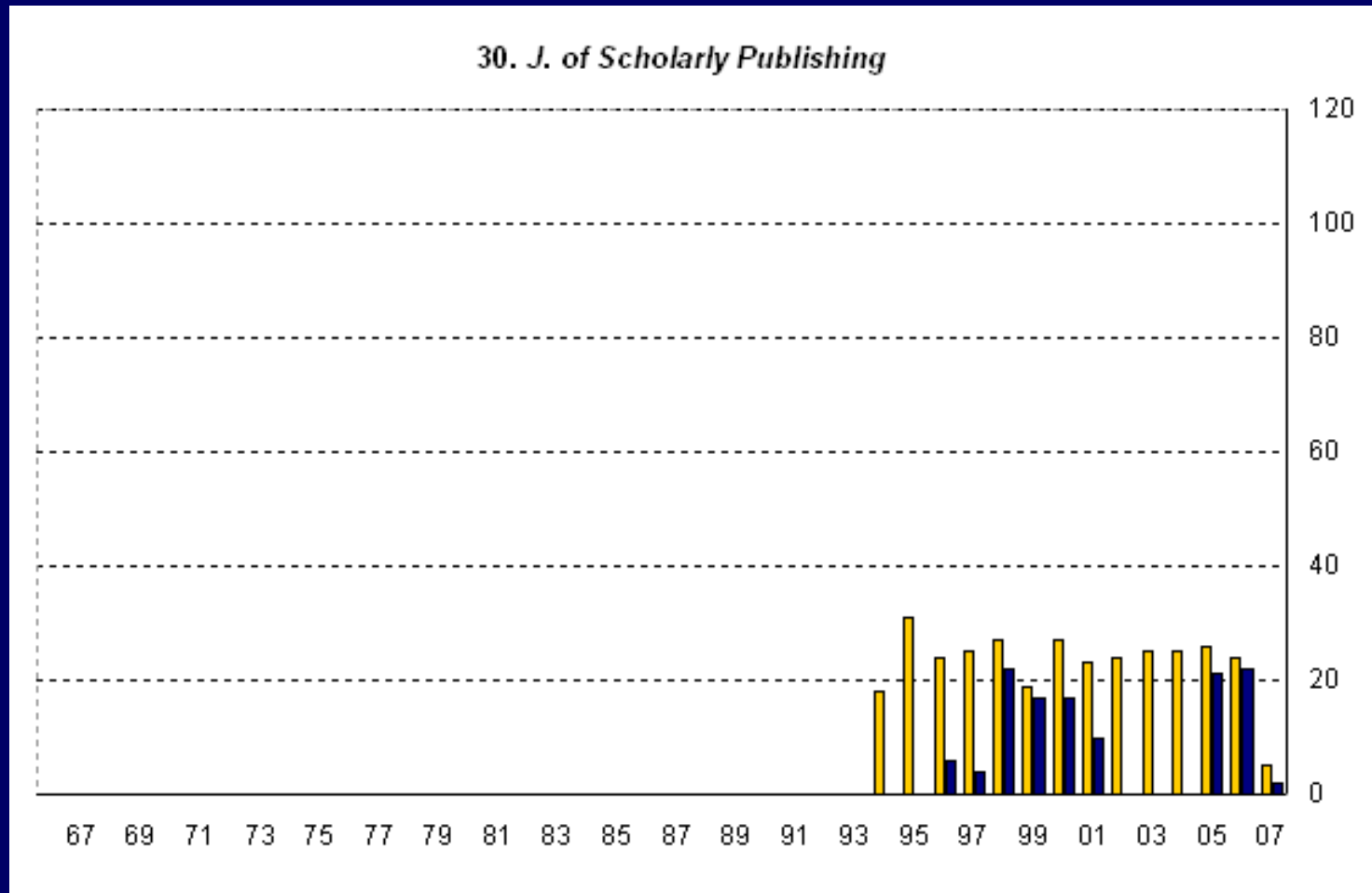
# 1. ARIST



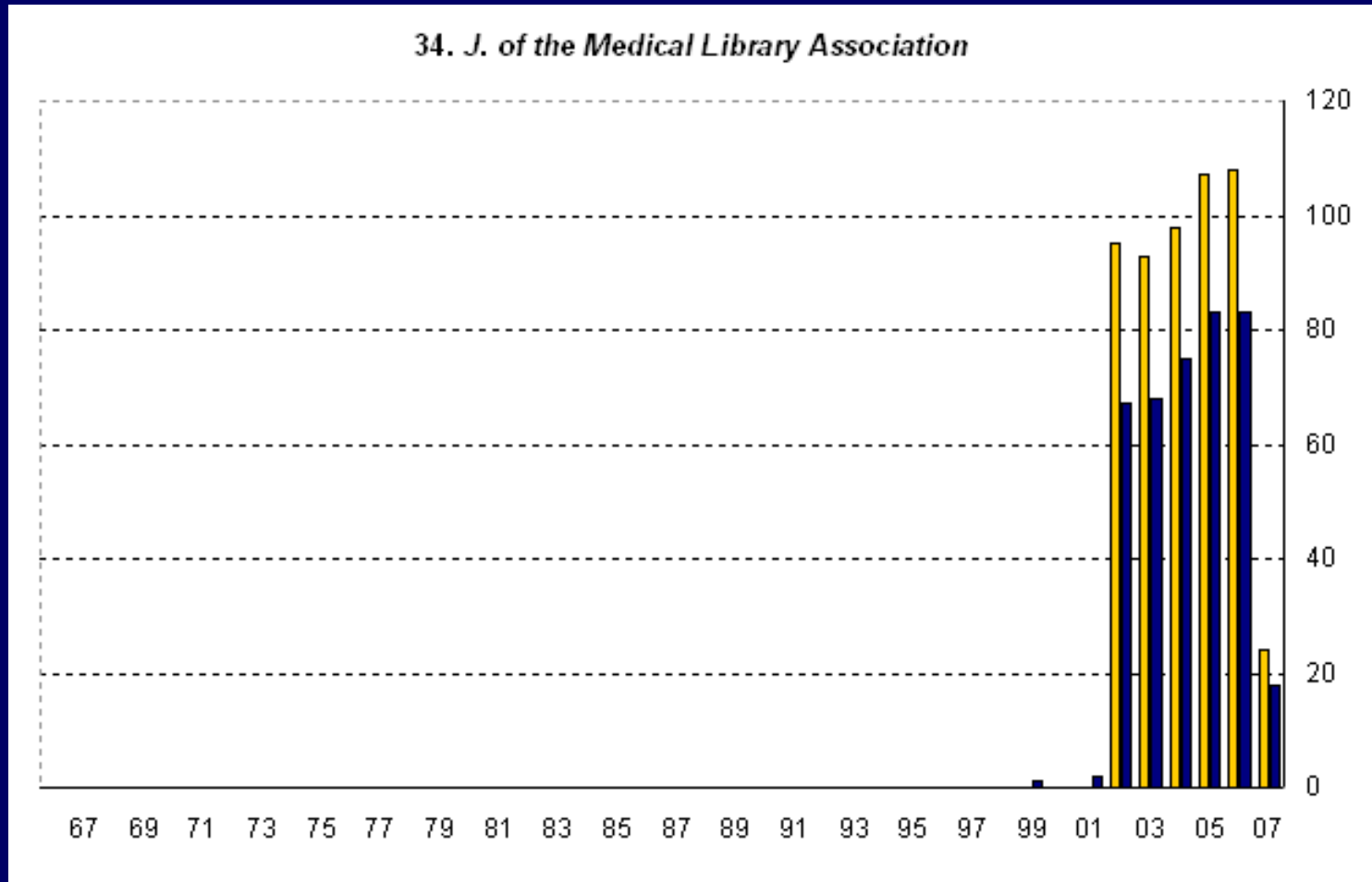
# 17. INTERLENDING & DOCUMENT SUPPLY



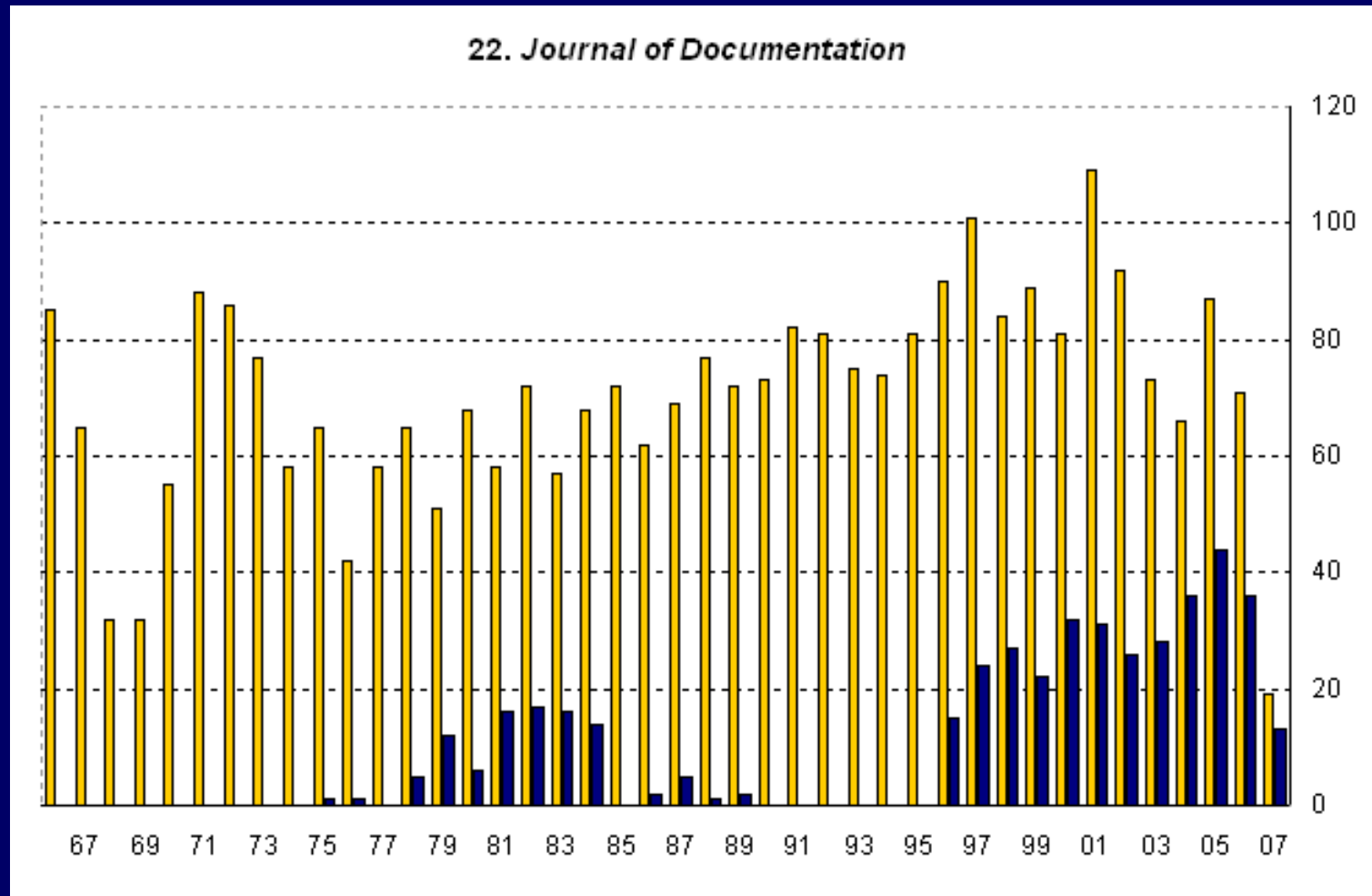
# 30. JOURNAL OF SCHOLARLY PUBLISHING



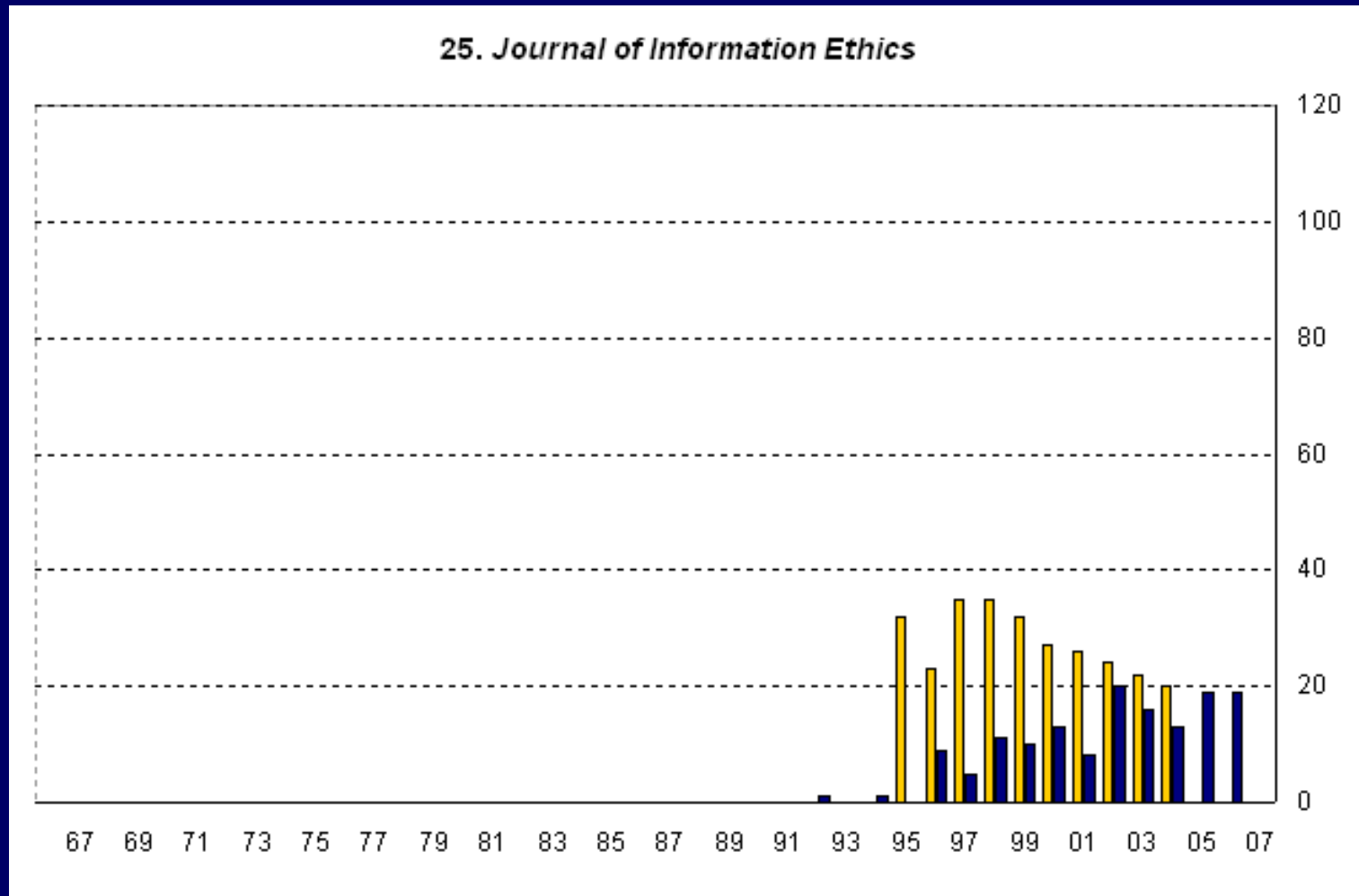
# 34. JOURNAL OF THE MEDICAL LIBRARY ASSOCIATION



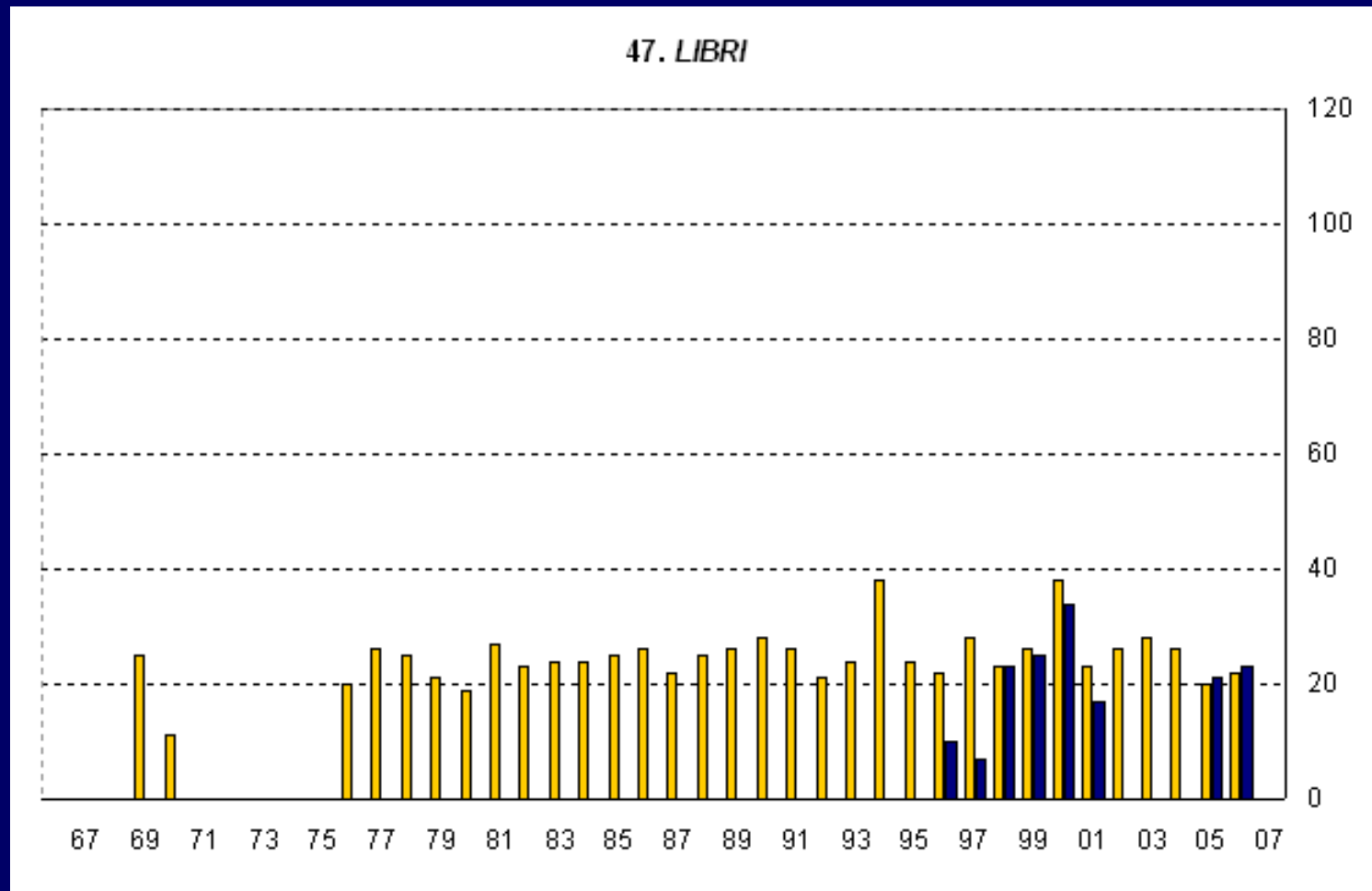
## 22. JOURNAL OF DOCUMENTATION



# 25. JOURNAL OF INFORMATION ETHICS

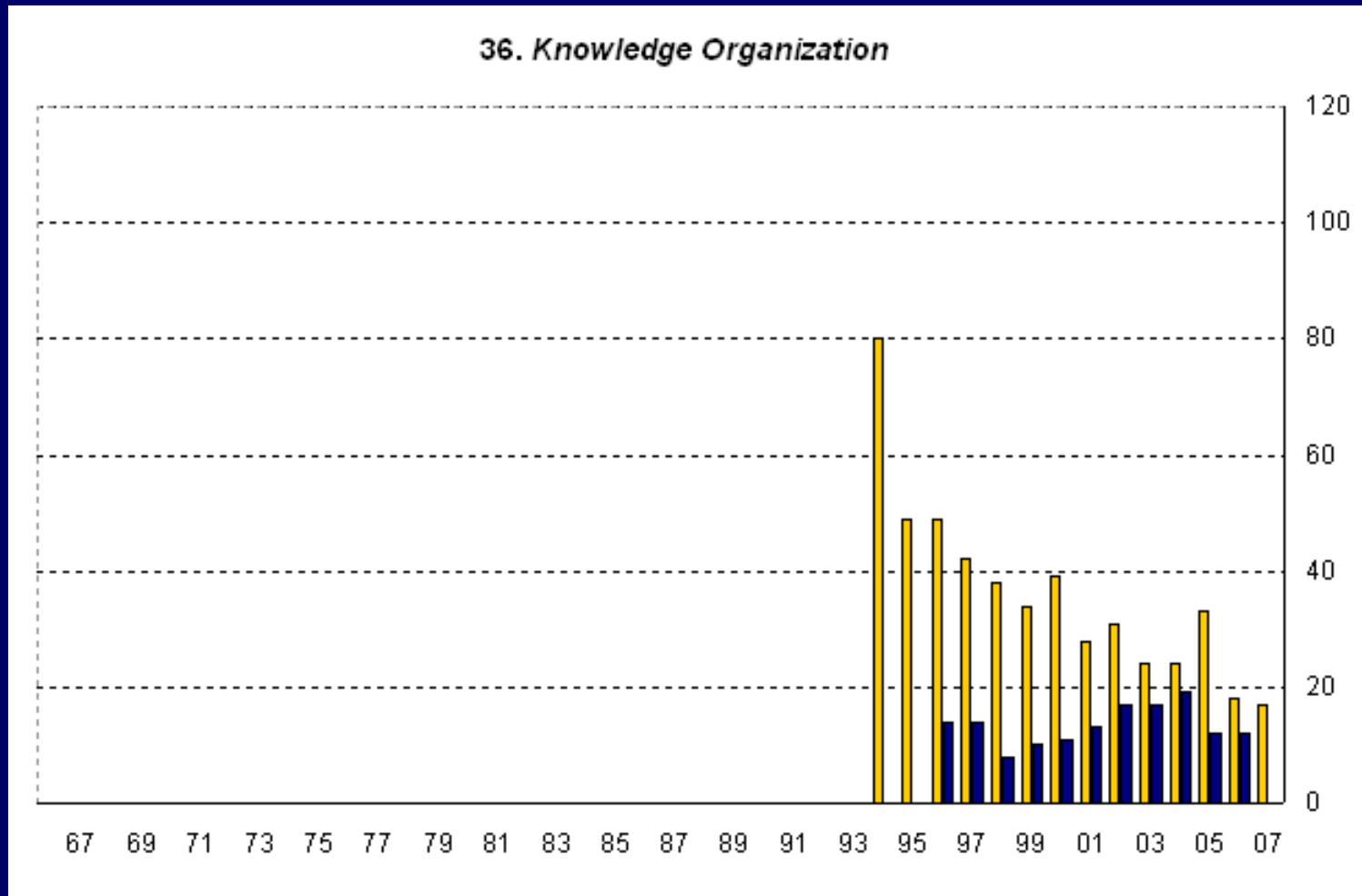


# 47. LIBRI

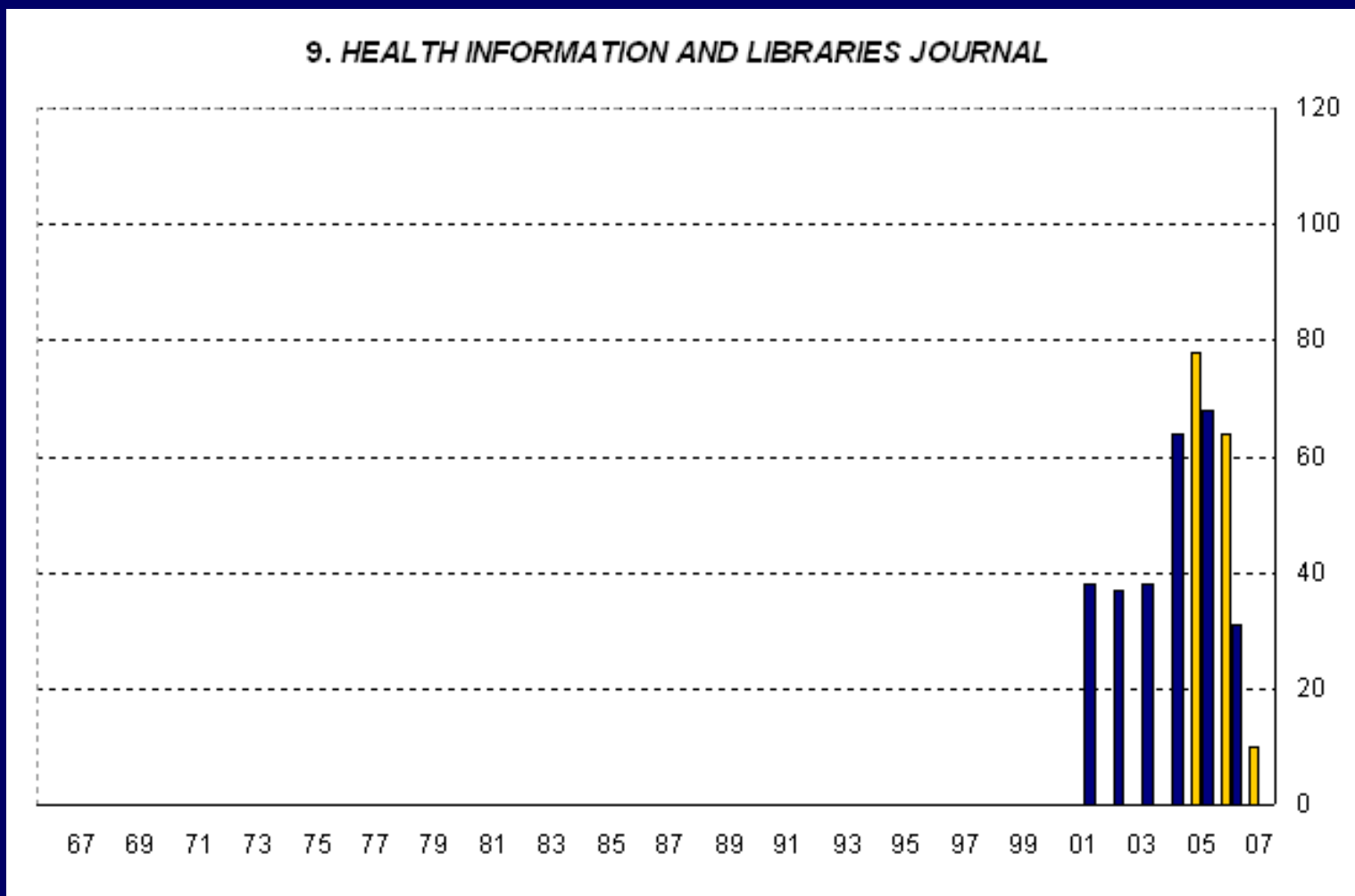




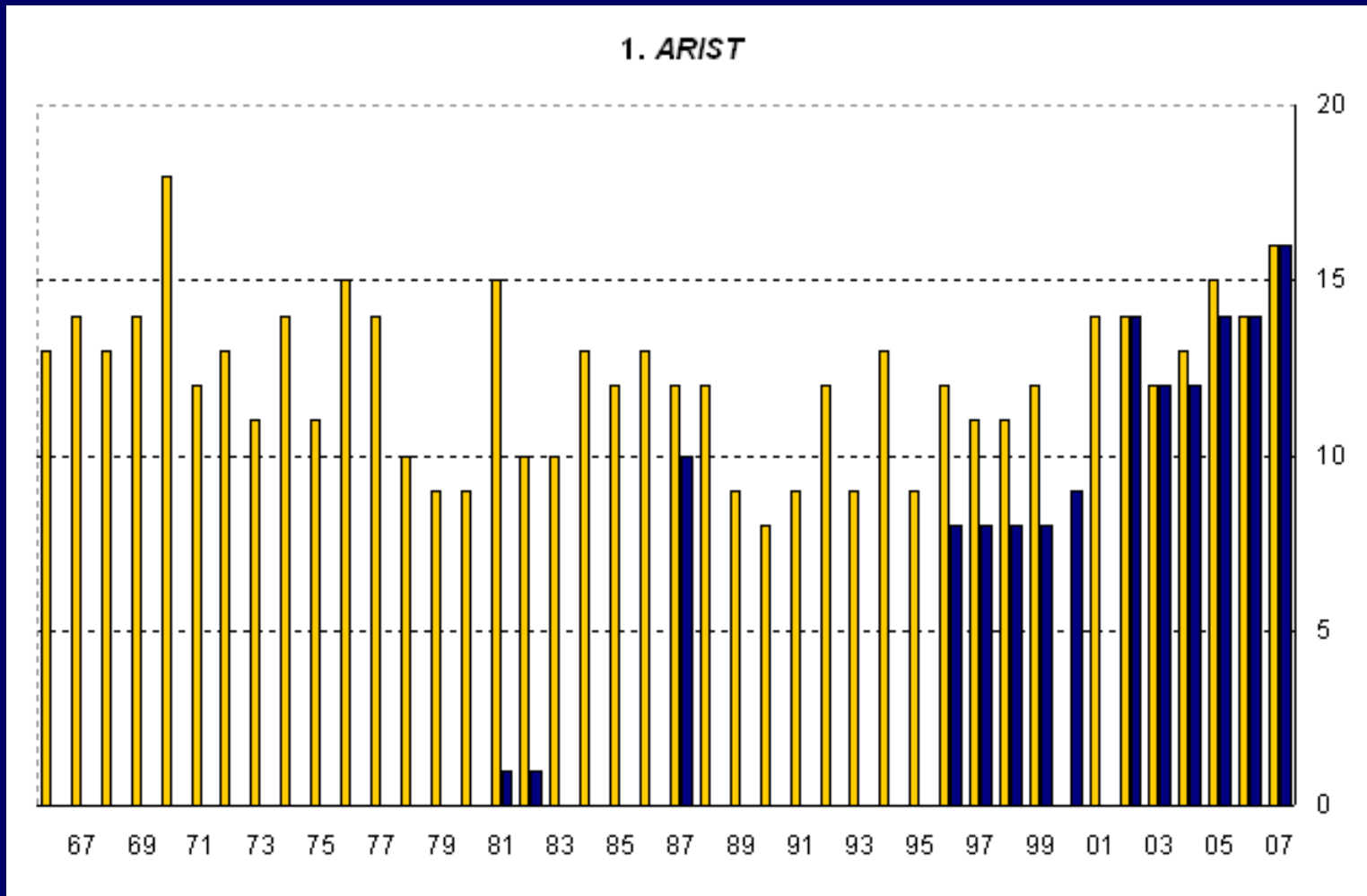
## 36. KNOWLEDGE ORGANIZATION



# 9. HEALTH INFORMATION AND LIBRARIES JOURNAL



# 1. ARIST



# The Information & Library Science subject field

ISI Web of Knowledge<sup>SM</sup> Journal Citation Reports  Signed In   **Journal Citation Reports<sup>®</sup>**

2005 JCR Social Science Edition

**Category: INFORMATION SCIENCE & LIBRARY SCIENCE**

Total Cites	Median Impact Factor	Aggregate Impact Factor	Aggregate Immediacy Index	Aggregate Cited Half-life	Aggregate Citing Half-life	# Journals	Articles
21758	0.480	<a href="#">0.818</a>	<a href="#">0.225</a>	<a href="#">6.3</a>	<a href="#">6.1</a>	55	2160

[Cited Category](#) [Citing Category](#) [Source Data](#) [Publication Frequency](#)

---

**Aggregate Impact Factor**

Cites in 2005 to articles published in any journal in the Category in: 2004 = 1463    Number of articles published in: 2004 = 2226  
 2003 = 2156    2003 = 2200  
 Sum: 3619    Sum: 4426

Calculation:  $\frac{\text{Cites to recent articles}}{\text{Number of recent articles}} = \frac{3619}{4426} = \mathbf{0.818}$

---

**Aggregate Immediacy Index**

Cites in 2005 to articles published in 2005 = 485  
 Number of articles published in 2005 = 2160

Calculation:  $\frac{\text{Cites to current articles}}{\text{Number of current articles}} = \frac{485}{2160} = \mathbf{0.225}$

---

**Aggregate Cited Half-Life**

# The position and clout of ARIST

ISI Web of Knowledge<sup>SM</sup> Journal Citation Reports   Signed In

**Journal Citation Reports®**

2005 JCR Social Science

Journal Summary List [Journal Title C](#)

Journals from: **subject categories INFORMATION SCIENCE & LIBRARY SCIENCE**

Sorted by:

Journals 1 - 20 (of 55) Page

*Ranking is based on your journal and sort selections.*

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
<input type="checkbox"/>	1	<a href="#">MIS QUART</a>	0276-7783	2395	4.978	0.643	28	>10.0
<input type="checkbox"/>	2	<a href="#">J AM MED INFORM ASSN</a>	1067-5027	2040	4.339	0.710	69	4.7
<input type="checkbox"/>	3	<a href="#">ANNU REV INFORM SCI</a>	0066-4200	298	2.652	0.643	14	6.3
<input type="checkbox"/>	4	<a href="#">INFORM SYST RES</a>	1047-7047	949	2.054	0.048	21	6.2
<input type="checkbox"/>	5	<a href="#">SCIENTOMETRICS</a>	0138-9130	1406	1.738	0.241	112	6.1
<input type="checkbox"/>	6	<a href="#">J AM SOC INF SCI TEC</a>	1532-2882	2552	1.583	0.371	124	6.9
<input type="checkbox"/>	7	<a href="#">INT J GEOGR INF SCI</a>	1365-8816	960	1.562	0.346	52	7.4
<input type="checkbox"/>	8	<a href="#">J INF TECHNOL</a>	0268-3962	347	1.543	0.158	19	5.5
<input type="checkbox"/>	9	<a href="#">INFORM MANAGE-AMSTER</a>	0378-7206	1230	1.524	0.113	62	5.8

# 500 records for ARIST in WoS

SO=(ANNUAL REVIEW OF INFORMATION SCIENCE "AND" TECHNOLOGY)

DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;  
Timespan=1945-2007

Search within results:

SEARCH

## Refine your results

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [more choices](#)  
[Publication Years](#)

500 results found (Set #7)

Go to Page:  of 50

Records 1 -- 10  [ 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 ]

Use the checkboxes to select records for output. See the sidebar for options.

1. DERVIN B, NILAN M  
[INFORMATION NEEDS AND USES](#)  
ANNUAL REVIEW OF INFORMATION  
SCIENCE AND TECHNOLOGY 21:  
3-33 1986

Times Cited: [257](#)

## Sort by:

Times Cited

## Analyze Results:

View rankings of the authors,  
journals, etc. for these records.

# 136 records for ARIST in Scopus

**SCOPUS** Peter Jacso is logged in [Logout](#)

[Search](#) [Sources](#) [My Alerts](#) [My List](#) [My Profile](#) [Help](#) [Scopus Labs](#)

Quick Search  [Go](#)

**Scopus: 136** [Web \(3\)](#) [Patents \(0\)](#)

Your query: SRCTITLE(arist OR ann\* rev\* inf\* sc\*) [Edit](#) [Save](#) [Save as Alert](#) [RSS](#) [Search History](#)

**Refine Results** [Close](#)

Source Title	Author Name	Year	Document Type	Subject Area
<input type="checkbox"/> Annual Review of Information Science and Technology (135)	<input type="checkbox"/> Trybula, W.J. (2)	<input type="checkbox"/> 2007 (16)	<input type="checkbox"/> Review (63)	<input type="checkbox"/> Computer Science (135)
<input type="checkbox"/> Annu Rev of Inf Sci and Technol (1)	<input type="checkbox"/> Twidale, M.B. (2)	<input type="checkbox"/> 2006 (14)	<input type="checkbox"/> Article (58)	<input type="checkbox"/> Social Sciences (135)
	<input type="checkbox"/> Kling, R. (2)	<input type="checkbox"/> 2005 (14)	<input type="checkbox"/> Book (8)	<input type="checkbox"/> Engineering (1)
	<a href="#">More...</a>	<a href="#">More...</a>	<a href="#">More...</a>	

[Limit to](#) [Exclude](#)

**Results: 136** Search within results  [Go](#)

[Output](#) [Citation tracker](#) [Add to list](#) Select:  All  Page 1 to 20 [Next](#)

Document (sort by relevance)	Author(s)	Date	Source Title	Cited By
1. <input type="checkbox"/> <b>Query Expansion</b> <a href="#">Abstract + Refs</a>	<a href="#">Efthimiadis, E.N.</a>	1996	<i>Annual Review of Information Science and Technology</i> 31, pp. 121-187	<a href="#">72</a>

# At a glance view of yearly uptake in WoS

ISI Web of Knowledge<sup>SM</sup> Web of Science

## Search Results -- Summary

SO=(ANNUAL REVIEW OF INFORMATION SCIENCE "AND" TECHNOLOGY)  
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;  
Timespan=1945-2007

Search within results:

### Refine your results

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [more choices](#)  
[Publication Years](#)

#### Top Publication Years:


[Hide](#)

<input type="checkbox"/> 1970 (18)	<input type="checkbox"/> 2006 (14)	<input type="checkbox"/> 1987 (12)	<input type="checkbox"/> 1978 (10)
<input type="checkbox"/> 2007 (16)	<input type="checkbox"/> 1966 (13)	<input type="checkbox"/> 1988 (12)	<input type="checkbox"/> 1982 (10)
<input type="checkbox"/> 1976 (15)	<input type="checkbox"/> 1968 (13)	<input type="checkbox"/> 1992 (12)	<input type="checkbox"/> 1983 (10)
<input type="checkbox"/> 1981 (15)	<input type="checkbox"/> 1972 (13)	<input type="checkbox"/> 1996 (12)	<input type="checkbox"/> 1979 (9)
<input type="checkbox"/> 2005 (15)	<input type="checkbox"/> 1984 (13)	<input type="checkbox"/> 1999 (12)	<input type="checkbox"/> 1980 (9)
<input type="checkbox"/> 1967 (14)	<input type="checkbox"/> 1986 (13)	<input type="checkbox"/> 2003 (12)	<input type="checkbox"/> 1989 (9)
<input type="checkbox"/> 1969 (14)	<input type="checkbox"/> 1994 (13)	<input type="checkbox"/> 1973 (11)	<input type="checkbox"/> 1991 (9)
<input type="checkbox"/> 1974 (14)	<input type="checkbox"/> 2004 (13)	<input type="checkbox"/> 1975 (11)	<input type="checkbox"/> 1993 (9)
<input type="checkbox"/> 1977 (14)	<input type="checkbox"/> 1971 (12)	<input type="checkbox"/> 1997 (11)	<input type="checkbox"/> 1995 (9)
<input type="checkbox"/> 2001 (14)	<input type="checkbox"/> 1985 (12)	<input type="checkbox"/> 1998 (11)	<input type="checkbox"/> 1990 (8)
<input type="checkbox"/> 2002 (14)			<a href="#">(show fewer)</a>



# At a glance view of yearly uptake in Scopus

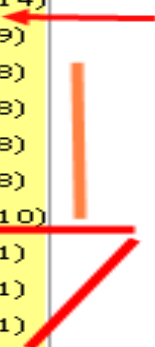
Scopus: 136   Web (3)   Patents (0)

Your query: SRCTITLE(arist OR ann\* rev\* inf\* sc\*)   [Edit](#)   [Save](#)   [Save as Alert](#)    [RSS](#)

**Refine Results**   [Limit to](#)   [Exclude](#)

Source Title	Author Name	Year	Document Type
<input type="checkbox"/> Annual Review of Information Science and Technology (135)	<input type="checkbox"/> Trybula, W.J. (2)	<input type="checkbox"/> 2007 (16)	<input type="checkbox"/> Review (63)
<input type="checkbox"/> Annu Rev of Inf Sci and Technol (1)	<input type="checkbox"/> Twidale, M.B. (2)	<input type="checkbox"/> 2006 (14)	<input type="checkbox"/> Article (58)
	<input type="checkbox"/> Kling, R. (2)	<input type="checkbox"/> 2005 (14)	<input type="checkbox"/> Book (8)
	<input type="checkbox"/> Chen, H. (2)	<input type="checkbox"/> 2004 (12)	<input type="checkbox"/> Editorial (4)
	<input type="checkbox"/> Borner, K. (2)	<input type="checkbox"/> 2003 (12)	<a href="#">Less...</a>
	<input type="checkbox"/> Croft, W.B. (2)	<input type="checkbox"/> 2002 (14)	
	<input type="checkbox"/> Miller, F.M. (1)	<input type="checkbox"/> 2000 (9)	
	<input type="checkbox"/> Mischo, W.H. (1)	<input type="checkbox"/> 1999 (8)	
	<input type="checkbox"/> Molyneux, R.E. (1)	<input type="checkbox"/> 1998 (8)	
	<input type="checkbox"/> Morris, M.G. (1)	<input type="checkbox"/> 1997 (8)	
	<input type="checkbox"/> Na, J.C. (1)	<input type="checkbox"/> 1996 (8)	
	<input type="checkbox"/> Nelson, M.J. (1)	<input type="checkbox"/> 1987 (10)	
	<input type="checkbox"/> Nichols, D.M. (1)	<input type="checkbox"/> 1982 (1)	
	<input type="checkbox"/> Nicolaisen, J. (1)	<input type="checkbox"/> 1981 (1)	
	<input type="checkbox"/> Nielsen, L.K. (1)	<input type="checkbox"/> 1974 (1)	
	<input type="checkbox"/> O'hare, S. (1)	<a href="#">Less...</a>	
	<input type="checkbox"/> Oard, D.W. (1)		
	<input type="checkbox"/> Oldridge, R. (1)		
	<input type="checkbox"/> Oppenheim, C. (1)		
	<input type="checkbox"/> Padgett, M.A. (1)		

Sort on: # of results

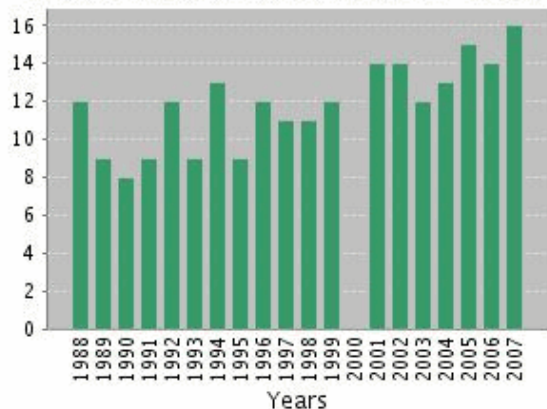


# ARIST Performance Indicators -

SO=(ann\* rev\* inf\* sci\*)

DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI; Timespan=1945-2007

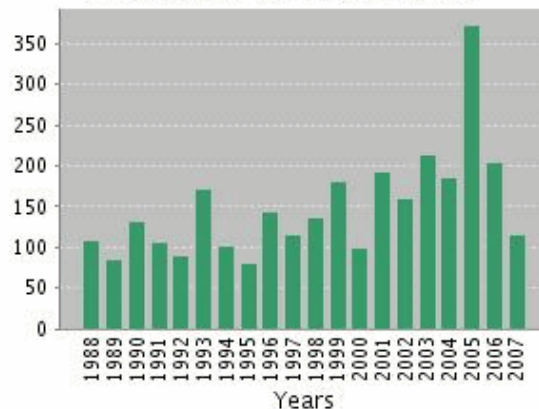
### Published Items in Each Year



Only the first 20 years are displayed.

[View a graph with all years.](#)

### Citations in Each Year



Only the first 20 years are displayed.

[View a graph with all years.](#)

Results found: **500**

Sum of the Times Cited **i**: **4,033** [View](#)

[View without self-citations](#)

Average Citations per Item **i**: **8.07**

h-index **i**: **27**

Records  to

PRINT

E-MAIL

SAVE

*This report reflects citations to source items indexed within Web of Science. Perform a Cited Reference Search to include citations to items not indexed within Web of Science.*

**500 results found**

Records 1 -- 10

Go to Page:  of 50

Times Cited


Use the checkboxes to remove individual items from Citation Report


or restrict to items processed between  and


2003	2004	2005	2006	2007	Total	Average Citations per Year
213	185	372	205	115	4,033	96.02




# - ARIST Performance Indicators

Results found: **500**

Sum of the Times Cited  : **4,033** [View](#)  
[View without self-citations](#)




Average Citations per Item  : **8.07**



h-index  : **27**

to   PRINT  E-MAIL  SAVE

*items indexed within Web of Science. Perform a Cited  
to items not indexed within Web of Science.*

Page:  of 50

 [ 1 | [2](#) ...   ] Times Cited

Individual	2003	2004	2005	2006	2007	Total	Average Citations per Year
ween							
<input type="button" value="v"/>							
	213	185	372	205	115	4,033	96.02

# Records per year for *ARIST* in Scopus

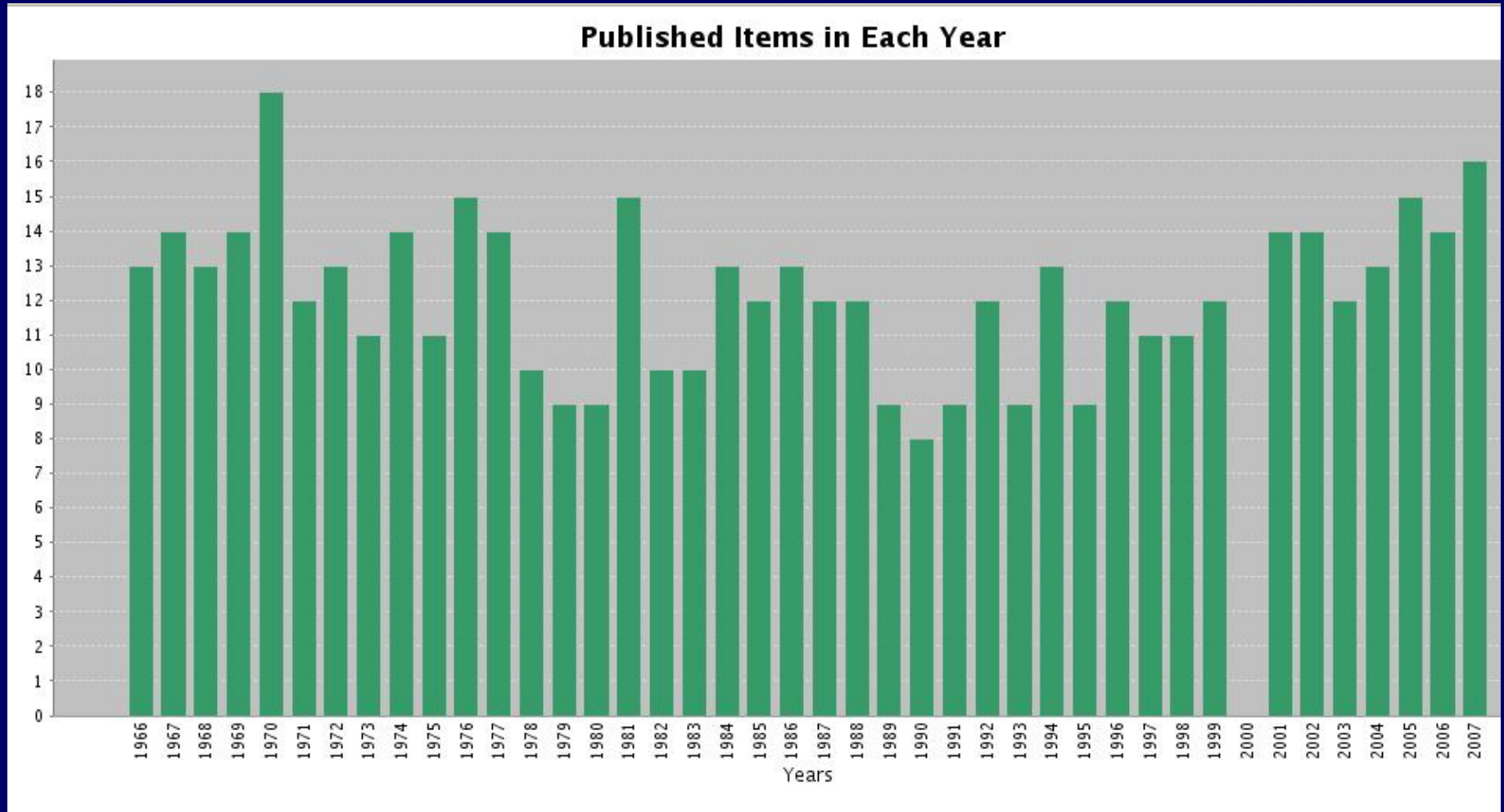
Scopus: 136   Web (3)   Patents (0)

Your query: SRCTITLE(arist OR ann\* rev\* inf\* sc\*)   Edit   Save   Save as Alert   RSS

Refine Results   ( ) Limit to   (X) Exclude

Source Title	Author Name	Year	Document Type
<input type="checkbox"/> Annual Review of Information Science and Technology (135)	<input type="checkbox"/> Trybula, W.J. (2)	<input type="checkbox"/> 2007 (16)	<input type="checkbox"/> Review (63)
<input type="checkbox"/> Annu Rev of Inf Sci and Technol (1)	<input type="checkbox"/> Twidale, M.B. (2)	<input type="checkbox"/> 2006 (14)	<input type="checkbox"/> Article (58)
	<input type="checkbox"/> Kling, R. (2)	<input type="checkbox"/> 2005 (14)	<input type="checkbox"/> Book (8)
	<input type="checkbox"/> Chen, H. (2)	<input type="checkbox"/> 2004 (12)	<input type="checkbox"/> Editorial (4)
Sort on: # of results <input type="button" value="v"/>	<input type="checkbox"/> Borner, K. (2)	<input type="checkbox"/> 2003 (12)	<a href="#">Less...</a>
	<input type="checkbox"/> Croft, W.B. (2)	<input type="checkbox"/> 2002 (14)	
	<input type="checkbox"/> Miller, F.M. (1)	<input type="checkbox"/> 2000 (9)	
	<input type="checkbox"/> Mischo, W.H. (1)	<input type="checkbox"/> 1999 (8)	
	<input type="checkbox"/> Molyneux, R.E. (1)	<input type="checkbox"/> 1998 (8)	
	<input type="checkbox"/> Morris, M.G. (1)	<input type="checkbox"/> 1997 (8)	
	<input type="checkbox"/> Na, J.C. (1)	<input type="checkbox"/> 1996 (8)	
	<input type="checkbox"/> Nelson, M.J. (1)	<input type="checkbox"/> 1987 (10)	
	<input type="checkbox"/> Nichols, D.M. (1)	<input type="checkbox"/> 1982 (1)	
	<input type="checkbox"/> Nicolaisen, J. (1)	<input type="checkbox"/> 1981 (1)	
	<input type="checkbox"/> Nielsen, L.K. (1)	<input type="checkbox"/> 1974 (1)	
	<input type="checkbox"/> O'hare, S. (1)	<a href="#">Less...</a>	
	<input type="checkbox"/> Oard, D.W. (1)		
	<input type="checkbox"/> Oldridge, R. (1)		
	<input type="checkbox"/> Oppenheim, C. (1)		
	<input type="checkbox"/> Padgett, M.A. (1)		

# Records per year for *ARIST* WoS



# Search across all publications, current and past – for ARIST?

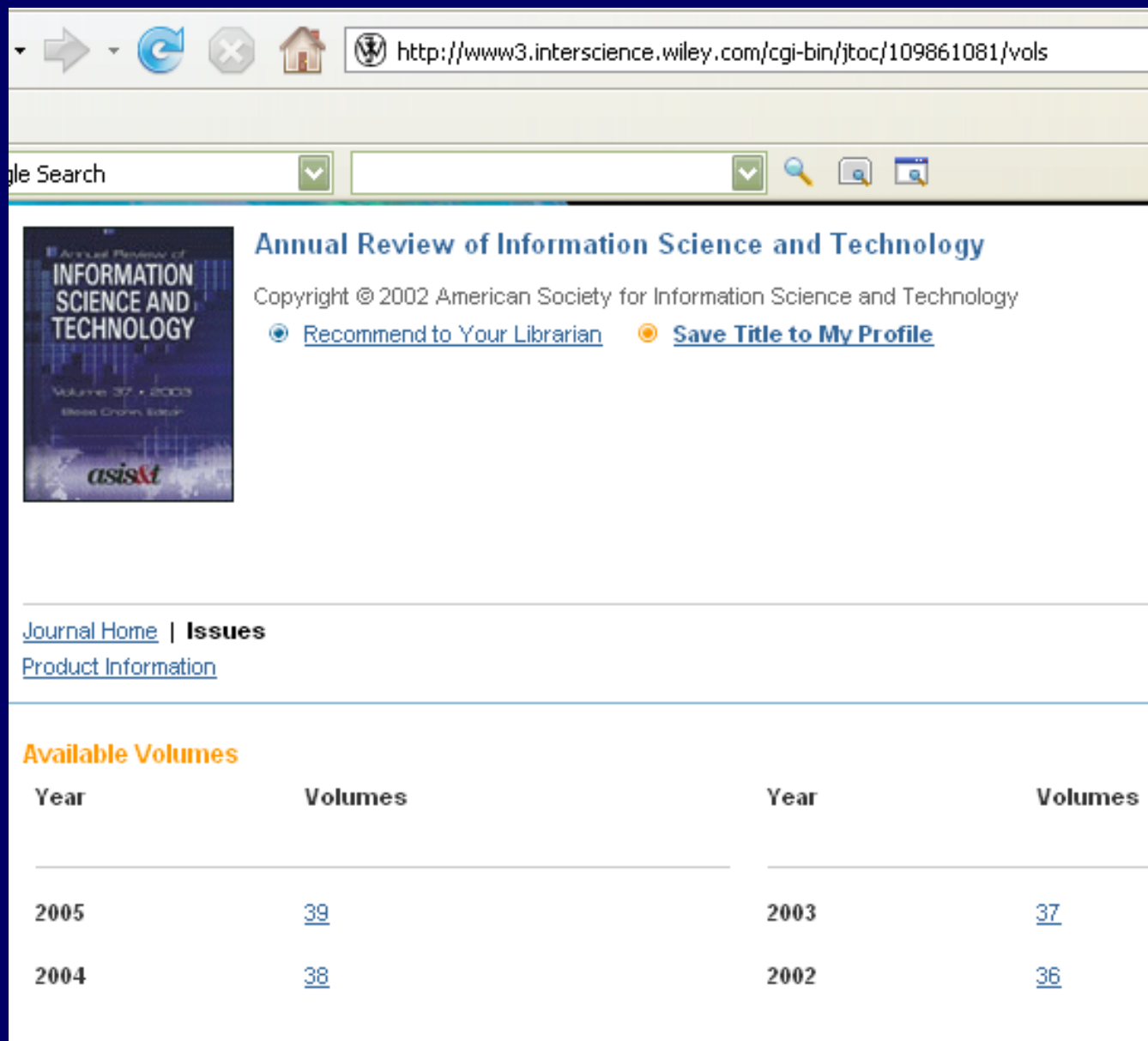


The screenshot shows a web browser window with the address bar displaying <http://www.asis.org/>. The page content is organized into several sections:

- Current Publications**: This section features two entries:
  - JASIST (May 2007)**: Accompanied by a thumbnail image of the journal cover, the text states: "In this issue, Warner examines the relation between selection power and selection labor for information retrieval (IR) as the first part of the development of a... [\[more\]](#)"
  - Bulletin (April/May 2007)**: Accompanied by a thumbnail image of the bulletin cover, the text states: "This issue of the *Bulletin of the American Society for Information Science and Technology* is the last that you will receive in hardcopy... [\[more\]](#)"
- ASIS&T Digital Library**: This section contains a paragraph: "The ASIS&T Digital Library is where you will find ASIS&T publications online. The [Journal of American Society for Information Science \(JASIST\)](#), the [Bulletin](#), [Annual Review of Information Science & Technology \(ARIST\)](#), and [conference proceedings](#) can all be accessed electronically in one place. What makes this such a powerful tool is that not only can you search on an individual article or issue, but across all publications, current and past." Below this paragraph are two links: [Learn more](#) or [connect now!](#)

On the left side of the browser window, there is a sidebar with a search bar and several menu items, including "ies,", "improve", "ore!", "age", "leagues", "n another", "hese", "languages", "reek,", "vedish and", "anguages", and a small Swedish flag icon.

# Look what Wiley has for *ARIST* in 2007



The screenshot shows a web browser window with the URL <http://www3.interscience.wiley.com/cgi-bin/jtoc/109861081/vols>. The page features a search bar and navigation icons. The main content area displays the journal cover for 'Annual Review of Information Science and Technology', Volume 37, 2003, edited by Steve Chohan. Below the cover, there is a copyright notice for 2002 American Society for Information Science and Technology, and two buttons: 'Recommend to Your Librarian' and 'Save Title to My Profile'. A navigation menu includes links for 'Journal Home', 'Issues', and 'Product Information'. The 'Available Volumes' section is presented as a table with two columns of data.

**Annual Review of Information Science and Technology**  
Copyright © 2002 American Society for Information Science and Technology  
 [Recommend to Your Librarian](#)    [Save Title to My Profile](#)

[Journal Home](#) | [Issues](#)  
[Product Information](#)

**Available Volumes**

Year	Volumes	Year	Volumes
2005	<a href="#">39</a>	2003	<a href="#">37</a>
2004	<a href="#">38</a>	2002	<a href="#">36</a>

# The bane of *ARIST* 2000

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Search for items:

[Search](#)

[Advanced Search](#)

**No results were found for: "annual review of information science" 2000'**



# The bane of *ARIST* 2000

Showing All Results

No image  
available



**Annual Review of Information Science and Technology 2000**  
**(Annual Review of Information Science and Technology)** by  
Martha E. Williams (**Hardcover** - Nov 2001)

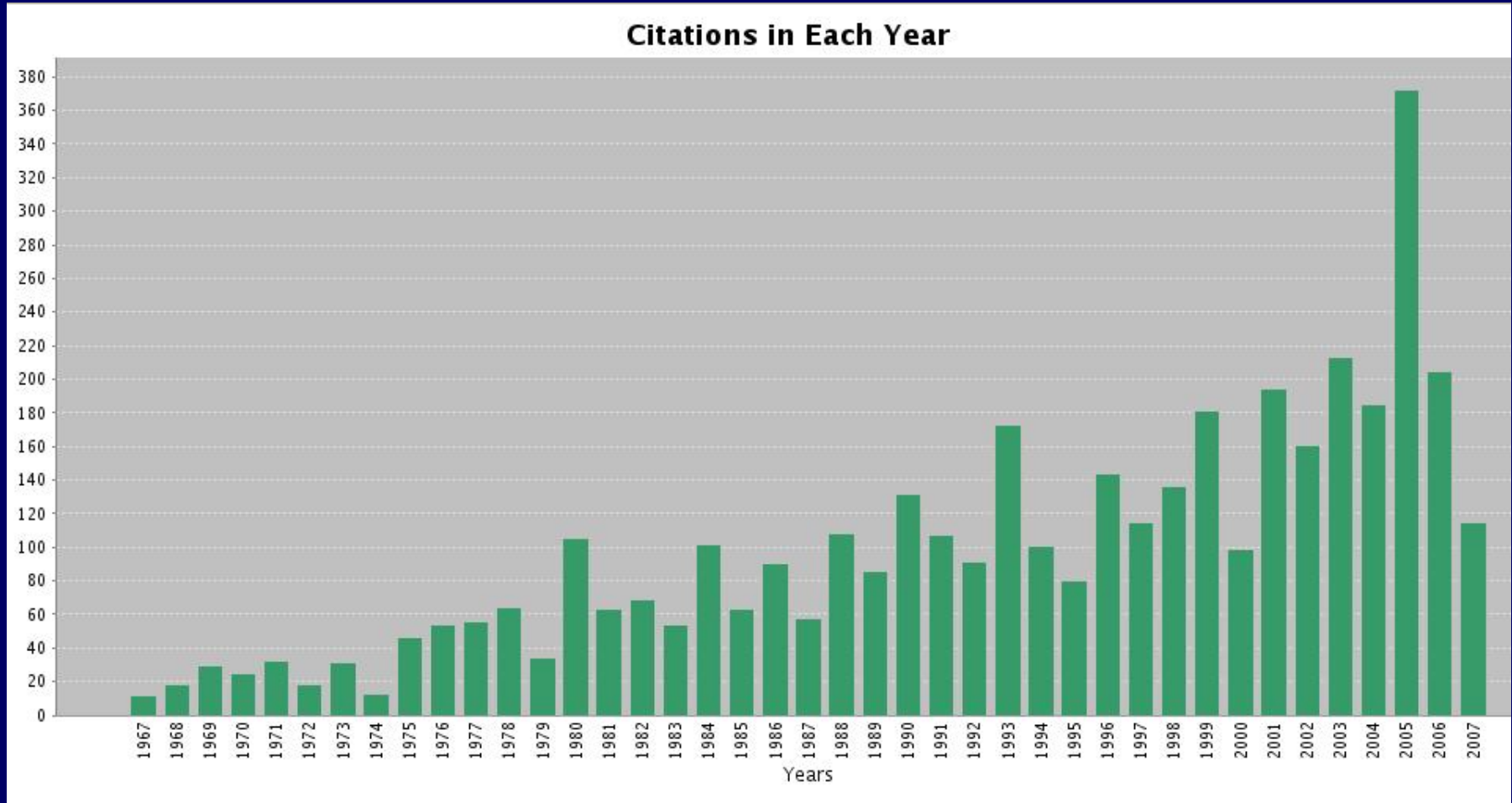
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# Citations per year for *ARIST*




# ARIST Performance Indicators

Results found: **500**

Sum of the Times Cited **i**: **4,033** [View](#)  
[View without self-citations](#)

Average Citations per Item **i**: **8.07**

h-index **i**: **27** 

to

items indexed within Web of Science. Perform a Cited  
to items not indexed within Web of Science.

Page:  of 50

[ 1 | 2 ... ] Times Cited

Individual	2003	2004	2005	2006	2007	Total	Average Citations per Year
ween	213	185	372	205	115	4,033	96.02

# The H(irsch)-index

Results found: **500**

Sum of the Times Cited **i**: **4,033** [View](#)

[View without self-citations](#)

Average Citations per Item **i**: **8.07**

h-index **i**: **27**

to **10**

items indexed within Web of Science  
to items not indexed within Web of Science

Page: 1 of 50

[ 1 | 2 ... ]

Individual	2003	2004	2005
Between			
	213	185	37

<input type="checkbox"/>	26.	CRAWFORD S <a href="#">INFORMATION NEEDS AND USES</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 13: 61-81 1978	0	0	1	0	1	<a href="#">30</a>	1.00
<input checked="" type="checkbox"/>	27.	SMITH LC <a href="#">ARTIFICIAL-INTELLIGENCE APPLICATIONS IN INFORMATION-SYSTEMS</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 15: 67-105 1980	0	0	0	0	1	<a href="#">29</a>	1.04
<input type="checkbox"/>	28.	Spink A, Losee RM <a href="#">Feedback in information retrieval</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 31: 33-78 1996	2	0	0	0	0	<a href="#">27</a>	2.25
<input type="checkbox"/>	29.	ALLEN TJ <a href="#">INFORMATION NEEDS AND USES</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 4: 3-29 1969	0	0	2	1	1	<a href="#">27</a>	0.69

# The H(irsch)-index

## Help file

<input checked="" type="checkbox"/>	26. CRAWFORD S <a href="#">INFORMATION NEEDS AND USES</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 13: 61-81 1978	0	0	1	0	1	<a href="#">30</a>	1.00
<input checked="" type="checkbox"/>	27. SMITH LC <a href="#">ARTIFICIAL-INTELLIGENCE APPLICATIONS IN INFORMATION-SYSTEMS</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 15: 67-105 1980	0	0	0	0	1	<a href="#">29</a>	1.04
<input checked="" type="checkbox"/>	28. Spink A, Losee RM <a href="#">Feedback in information retrieval</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 31: 33-78 1996	2	0	0	0	0	<a href="#">27</a>	2.25
<input checked="" type="checkbox"/>	29. ALLEN TJ <a href="#">INFORMATION</a> ANNUAL REVIEW OF INFORMATION SCIENCE AND TECHNOLOGY 1969							




### h-index\*

The h-index is indicated by a green horizontal line. The number of items above this line, which is  $h$ , have at least  $h$  citations. For example, an h-index of 20 means that there are 20 items that have 20 citations or more.

This metric is useful because it discounts the disproportionate weight of highly cited papers or papers that have not yet been cited. For example, for this set of five records, the average citations per item is 12.20 (61 total citations divided by 5 cited items), but the h-index is 2.

		2002	2003	2004	2005	2006	Total	Average Citations Per Year
		15	15	13	9	7	61	30.50
1.	Delauney F, Thisse C, marchand O, et al. <a href="#">An inherited functional circadian clock in zebrafish embryos</a> SCIENCE 289 (5477): 297-300 JUL 14 2000	10	9	3	3	3	30	4.29
2.	Prince VE, Holley SA, Bally-cuif L, et al. <a href="#">Zebrafish lunatic fringe demarcates segmental boundaries</a> MECHANISMS OF DEVELOPMENT 105 (1-2): 175-180 JUL 2001	5	6	10	5	3	29	4.83
3.	Oehlmann VD, Berger S, Sterner C, et al. <a href="#">Zebrafish beta tubulin 1 expression is limited to the nervous system throughout development, and in the adult brain is restricted to a subset of proliferative regions</a> GENE EXPRESSION PATTERNS 4 (2): 191-198 MAR 2004			0	1	1	2	0.67
4.	Park HC, Boyce J, Shin J, et al. <a href="#">Oligodendrocyte specification in zebrafish requires Notch-regulated cyclin-dependent kinase inhibitor function</a> JOURNAL OF NEUROSCIENCE 25 (29): 6836-6844 JUL 20 2005				0	0	0	0.00
5.	Ben J, Jabs EW, Chong SS <a href="#">Genomic cDNA and embryonic expression analysis of zebrafish IRF6, the gene mutated in the human oral clefting disorders Van der Woude and popliteal pterygium syndromes</a> GENE EXPRESSION PATTERNS 5 (5): 629-638 JUN 2005				0	0	0	0.00

# Checking the H(irsch)-index in Scopus

- |     |                                     |   |  |      |  |                    |
|-----|-------------------------------------|---|--|------|--|--------------------|
| 18. | <input checked="" type="checkbox"/> | Electronic journals, the internet, and scholarly communication  RefWorks | <a href="#">Kling, R.</a> , <a href="#">Callahan, E.</a> | 2003 | <i>Annual Review of Information Science and Technology</i> 37, pp. 127-177 | <a href="#">21</a> |
|     |                                     | <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a>   |  |      |  |                    |
| 19. | <input checked="" type="checkbox"/> | Discovering information in context  RefWorks                             | <a href="#">Solomon, P.</a>                              | 2002 | <i>Annual Review of Information Science and Technology</i> 36, pp. 229-264 | <a href="#">20</a> |
|     |                                     | <a href="#">Abstract + Refs</a> <a href="#">View at Publisher</a>   |  |      |  |                    |
| 20. | <input checked="" type="checkbox"/> | The concept of situation in information science  RefWorks              | <a href="#">Cool, C.</a>                                 | 2000 | <i>Annual Review of Information Science and Technology</i> 35, pp. 5-42    | <a href="#">19</a> |
|     |                                     | <a href="#">Abstract + Refs</a>   |  |      |  |                    |

# The H(irsch)-index for researchers

130 results found (Set #8) Go to Page:  of 13

Records 1 -- 10

Use the checkboxes to select records for output. See the sidebar for options.

<p><input type="checkbox"/> 1. <b>VLACHY J</b> <a href="#">CITATION HISTORIES OF SCIENTIFIC PUBLICATIONS - THE DATA SOURCES</a> SCIENTOMETRICS 7 (3-6): 505-528 1985 Times Cited: <a href="#">35</a> <input type="button" value="→ LINKS"/> <input type="button" value="VIEW FULL TEXT"/></p> <p><input type="checkbox"/> 2. <b>VLACHY J</b> <a href="#">PUBLICATION OUTPUT IN PHYSICS SUBFIELDS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 29 (7): 829-836 1979 Times Cited: <a href="#">26</a> <input type="button" value="→ LINKS"/> <input type="button" value="VIEW FULL TEXT"/></p> <p><input type="checkbox"/> 3. <b>VLACHY J</b> <a href="#">WORLD PUBLICATION OUTPUT IN PARTICLE PHYSICS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 32 (9): 1065-1072 1982 Times Cited: <a href="#">24</a> <input type="button" value="→ LINKS"/> <input type="button" value="VIEW FULL TEXT"/></p> <p><input type="checkbox"/> 4. <b>VLACHY J</b> <a href="#">PUBLICATION OUTPUT OF WORLD PHYSICS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 29 (4): 475-480 1979 Times Cited: <a href="#">24</a> <input type="button" value="→ LINKS"/> <input type="button" value="VIEW FULL TEXT"/></p>	<p><b>Sort by:</b> <input type="text" value="Times Cited"/> <input type="button" value="SORT"/></p> <p><b>Analyze Results:</b> <input type="button" value="ANALYZE"/> View rankings of the authors, journals, etc. for these records.</p> <p><b>Citation Report:</b> <input type="button" value="CITATION REPORT"/> View detailed citation counts and the h-index value for the results.</p> <p><b>Output Records:</b> <input checked="" type="radio"/> Selected records on page <input type="radio"/> All records on page Records <input type="text" value=""/> to <input type="text" value=""/> <input type="text" value="Bibliographic Fields"/> <input type="button" value="▼"/> <input type="button" value="PRINT"/> <input type="button" value="E-MAIL"/> <input type="button" value="SAVE"/> <input type="button" value="EXPORT TO REFERENCE SOFTWARE"/></p> <hr/> <p>Or add them to the Marked List for later output and more options.</p>
---	--

# The H(irsch)-index for researchers

ISI Web of Knowledge <sup>SM</sup> Web of Science		GO	Signed In	HOME				
<input type="checkbox"/>	14. <b>VLACHY J</b> <a href="#">PUBLICATION OUTPUT OF EUROPEAN PHYSICS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 29 (2): 237-244 1979	0	0	0	0	0	<a href="#">19</a>	0.66
<input type="checkbox"/>	15. <b>VLACHY J</b> <a href="#">WORLD PUBLICATION OUTPUT, RESEARCH FRONTS AND CITATION CLASSICS IN THE SPECIALTY OF MECHANICAL-PROPERTIES OF SOLIDS AND TREATMENT OF MATERIALS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 35 (3): 355-358 1985	0	0	0	0	0	<a href="#">18</a>	0.78
<input type="checkbox"/>	16. <b>VLACHY J</b> <a href="#">SUCCESSIVE CITATION OF 350 OLDER PHYSICS PAPERS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 34 (4): 361-364 1984	0	0	0	0	0	<a href="#">17</a>	0.71
<input type="checkbox"/>	<b>17.</b> <b>VLACHY J</b> <a href="#">SUCCESSIVE CITATION OF 1000 PHYSICS PAPERS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 33 (11): 1277-1288 1983	0	0	0	0	0	<a href="#">17</a>	0.71
<input type="checkbox"/>	18. <b>VLACHY J</b> <a href="#">WORLD PHYSICS PUBLICATION OUTPUT - COUNTRY DISTRIBUTIONS AND TRENDS</a> CZECHOSLOVAK JOURNAL OF PHYSICS 35 (6): 705-708 1985	0	0	0	0	0	<a href="#">15</a>	0.65



# Absolute vs. relative citedness count

AU=(jacso p)  
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;  
Timespan=1945-2007

Search within results:

**Refine your results**  
[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#) [more choices](#)

**187 results found (Set #15)** Go to Page:  of 19

Records 1 -- 10

*Use the checkboxes to select records for output. See the sidebar for options.*

<input type="checkbox"/>	1.	TENOPIR C, <b>JACSO P</b> <a href="#">QUALITY OF ABSTRACTS</a> ONLINE 17 (3): 44& MAY 1993 Times Cited: <a href="#">15</a> <input type="button" value="LINKS"/>	<b>absolute vs relative citedness count ; single vs multiple AU</b>
<input type="checkbox"/>	2.	<b>Jacso P</b> <a href="#">Google Scholar: the pros and the cons</a> ONLINE INFORMATION REVIEW 29 (2): 208-214 2005 Times Cited: <a href="#">13</a> <input type="button" value="LINKS"/> <input type="button" value="VIEW FULL TEXT"/>	
<input type="checkbox"/>	3.	<b>Jacso P</b> <a href="#">A deficiency in the algorithm for calculating the impact factor of scholarly journals: The journal impact factor</a> CORTEX 37 (4): 590-594 SEP 2001 Times Cited: <a href="#">10</a> <input type="button" value="LINKS"/>	

**Sort by:**

**Analyze Results:**  
  
View rankings of the authors, journals, etc. for these records.

**Citation Report:**  
  
View detailed citation counts and the h-index value for the results.

**Output Records:**  
 Selected records on page  
 All records on page  
 Records  to

# Citation histograms and relative citation count

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187 results found      Go to Page:  of 19

Records 1 -- 10      [ 1 | 2 ... ]      Times Cited

Use the checkboxes to remove individual items from Citation Report or restrict to items processed between  and

	2003	2004	2005	2006	2007	Total	Average Citations per Year
<input type="checkbox"/>	12	9	15	30	5	139	5.35
<input type="checkbox"/> 1. <b>TENOPIR C, JACSO P</b> <a href="#">QUALITY OF ABSTRACTS</a> ONLINE 17 (3): 44& MAY 1993	2	0	1	2	0	15	1.00
<input type="checkbox"/> 2. <b>Jacso P</b> <a href="#">Google Scholar: the pros and the cons</a> ONLINE INFORMATION REVIEW 29 (2): 208-214 2005			3	8	2	13	4.33
<input type="checkbox"/> 3. <b>Jacso P</b> <a href="#">A deficiency in the algorithm for calculating the impact factor of scholarly journals: The journal impact factor</a> CORTEX 37 (4): 590-594 SEP 2001	3	3	1	3	0	10	1.43
<input type="checkbox"/> 4. <b>JACSO P</b> <a href="#">OVID MEDLINE - A GOURMET CHOICE</a> DATABASE 17 (1): 31& FEB 1994	0	0	0	0	0	7	0.50
<input type="checkbox"/> 5. <b>JACSO P</b> <a href="#">SEARCHING FOR SKELETONS IN THE DATABASE CUPBOARD .1. ERRORS OF OMISSION</a> DATABASE 16 (1): 38-49 FEB 1993	0	0	0	0	0	7	0.47
<input type="checkbox"/> 6. <b>Jacso P</b> <a href="#">Content evaluation of databases</a>							

# Sorting by citedness count

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MARKED LIST

## Search Results -- Summary

TI=(google scholar)  
DocType=All document types; Language=All languages; Databases=SCI-EXPANDED, SSCI, A&HCI;  
Timespan=1945-2007

CrossSearch: [View additional results in other databases](#)  Search within results:  SEARCH

### Refine your results

[Subject Categories](#) | [Source Titles](#) | [Document Types](#) | [Authors](#) | [Publication Years](#) [more choices](#)

**16 results found (Set #17)** Go to Page:  of 2 GO

Records 1 -- 10

*Use the checkboxes to select records for output. See the sidebar for options.*

<input type="checkbox"/>	1. Jacso P <a href="#">Google Scholar: the pros and the cons</a> ONLINE INFORMATION REVIEW 29 (2): 208-214 2005 Times Cited: <a href="#">13</a> <a href="#">LINKS</a> <a href="#">VIEW FULL TEXT</a>	<b>Sort by:</b> <input type="text" value="Times Cited"/> SORT
<input type="checkbox"/>	2. Henderson J <a href="#">Google scholar: A source for clinicians?</a> CANADIAN MEDICAL ASSOCIATION JOURNAL 172 (12): 1549-1550 JUN 7 2005 Times Cited: <a href="#">6</a> <a href="#">LINKS</a> <a href="#">VIEW FULL TEXT</a>	

**Analyze Results:**  
  
View rankings of the authors, journals, etc. for these records.

**Citation Report:**

# Be careful with counts and always browse the cited reference index, too

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## Cited Reference Search

[<< Back to query](#)

**Your search has found the following references.  
Select only those cited references you want to include,  
then click FINISH SEARCH.**  
(Hint: Look for variants. Papers are **sometimes** cited incorrectly.)

View the articles that cite the selected references.  
The completed search will be added to the search history.

([Limit by language and document type](#))

**CITED REFERENCE INDEX** Go to Page:  of 1

References 1 -- 7

or select specific references from the list.  
When desired references have been selected from all pages, click FINISH SEARCH to complete your search.

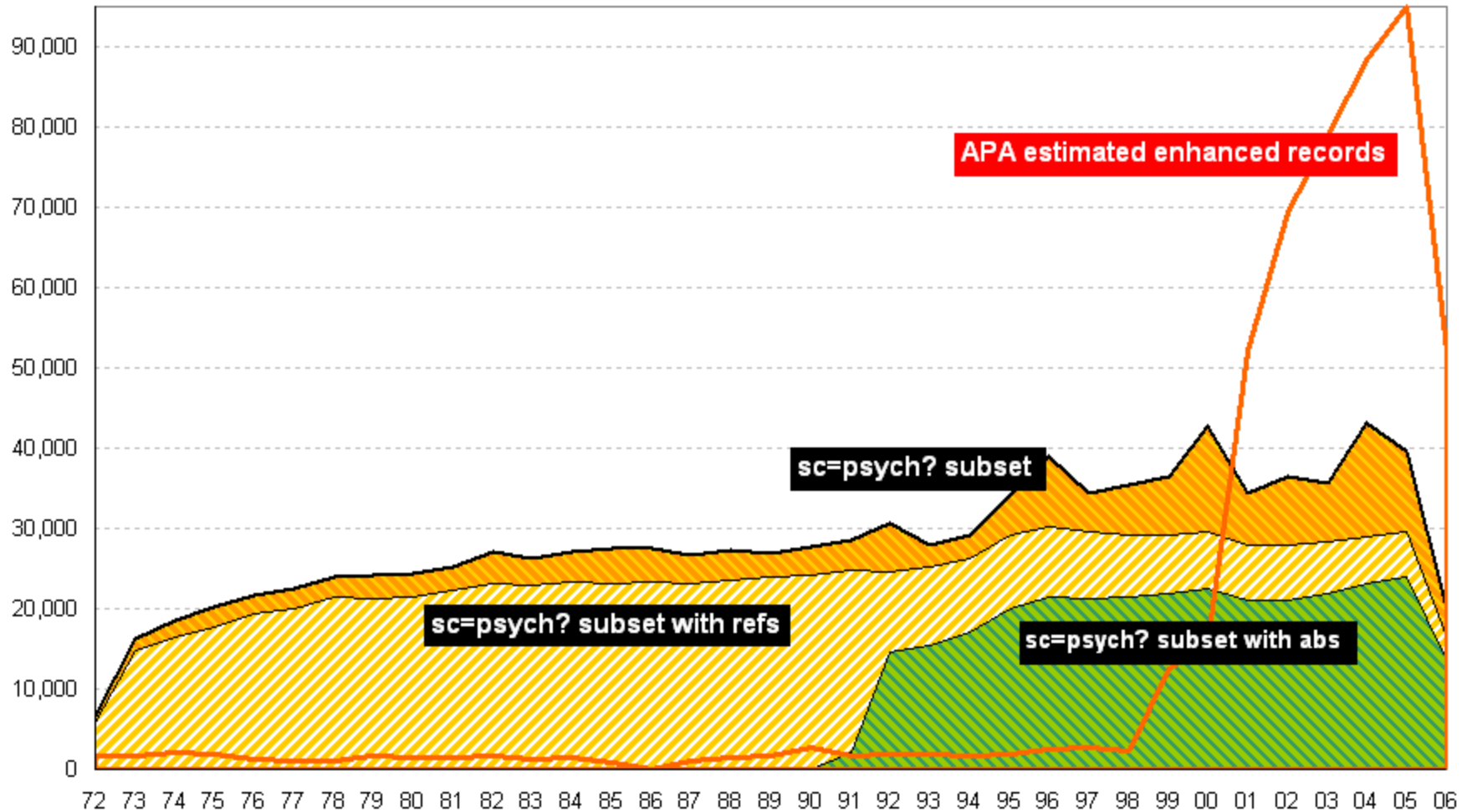
Select	Times Cited**	Cited Author	Cited Work	[ <a href="#">SHOW EXPANDED TITLES</a> ]	Year	Volume	Page	Article ID	View Record
<input type="checkbox"/>	1	JACSO	ONLINE INFORM REV		2005	29	208		
<input type="checkbox"/>	1	JACSO N	ONLINE INFORM REV		2005	29	554		<a href="#">View Record</a>
<input type="checkbox"/>	1	JACSO N	ONLINE INFORM REV		2005	29	676		<a href="#">View Record</a>
<input type="checkbox"/>	3	JACSO P	ONLINE INFORM REV		2005	29	107		
<input type="checkbox"/>	13	JACSO P	ONLINE INFORM REV		2005	29	208		<a href="#">View Record</a>
<input type="checkbox"/>	1	JACSO P	ONLINE INFORM REV		2005	29	311		<a href="#">View Record</a>
<input type="checkbox"/>	1	JASCO P	ONLINE INFORM REV		2005	29	208		

\* "Select All" adds the first 500 matches to your cited reference search, not all matches.  
\*\* Times Cited counts are for all databases and all years, not just for your current database and year limits.

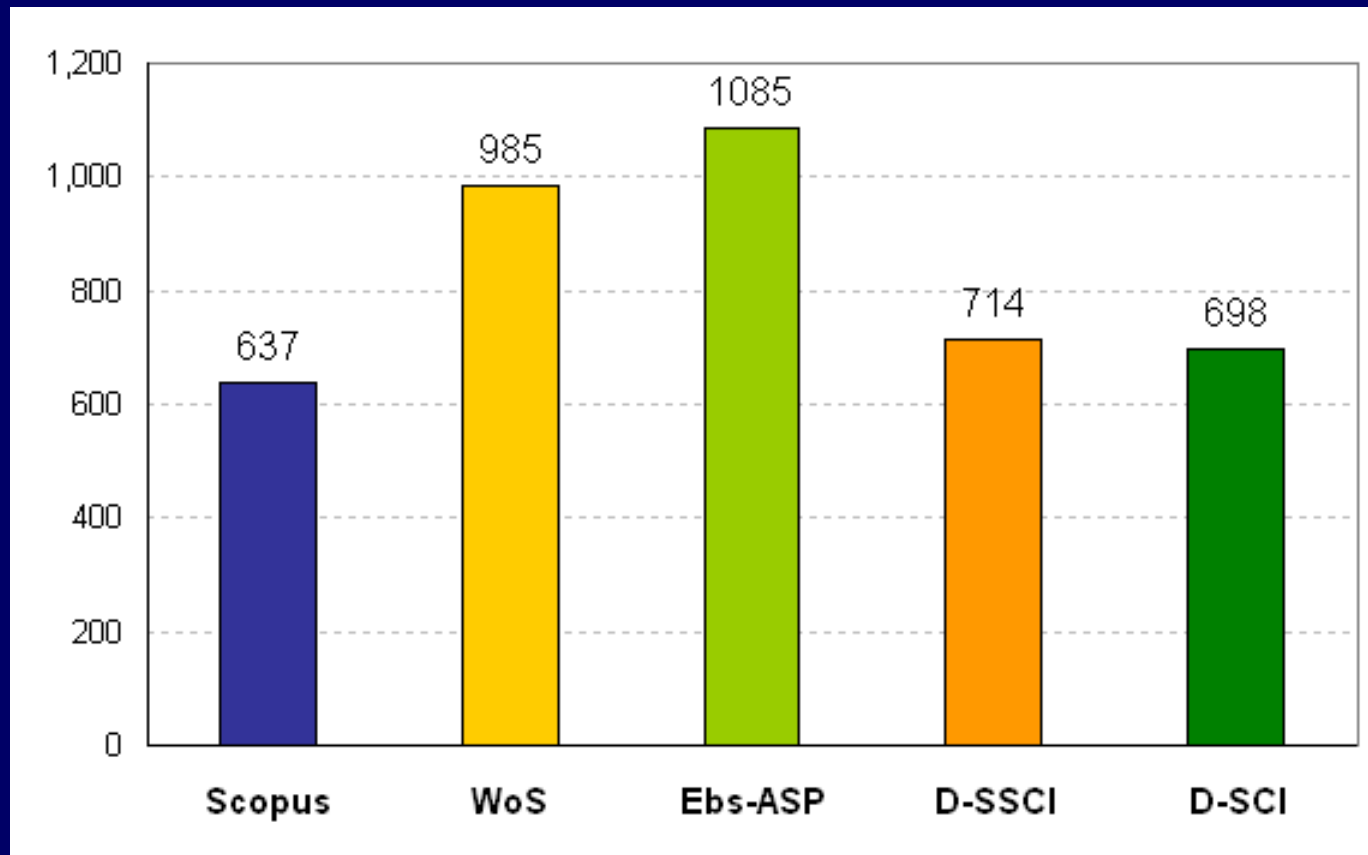
**Be careful with counts and  
always browse the cited reference index,  
too**

<input type="checkbox"/>	1	<u>JASCO P</u>	ONLINE INFORM REV	<input type="checkbox"/>	29	208
<input type="checkbox"/>	1	<u>JASCO P</u>	ONLINE INFORM REV	2005	29	208

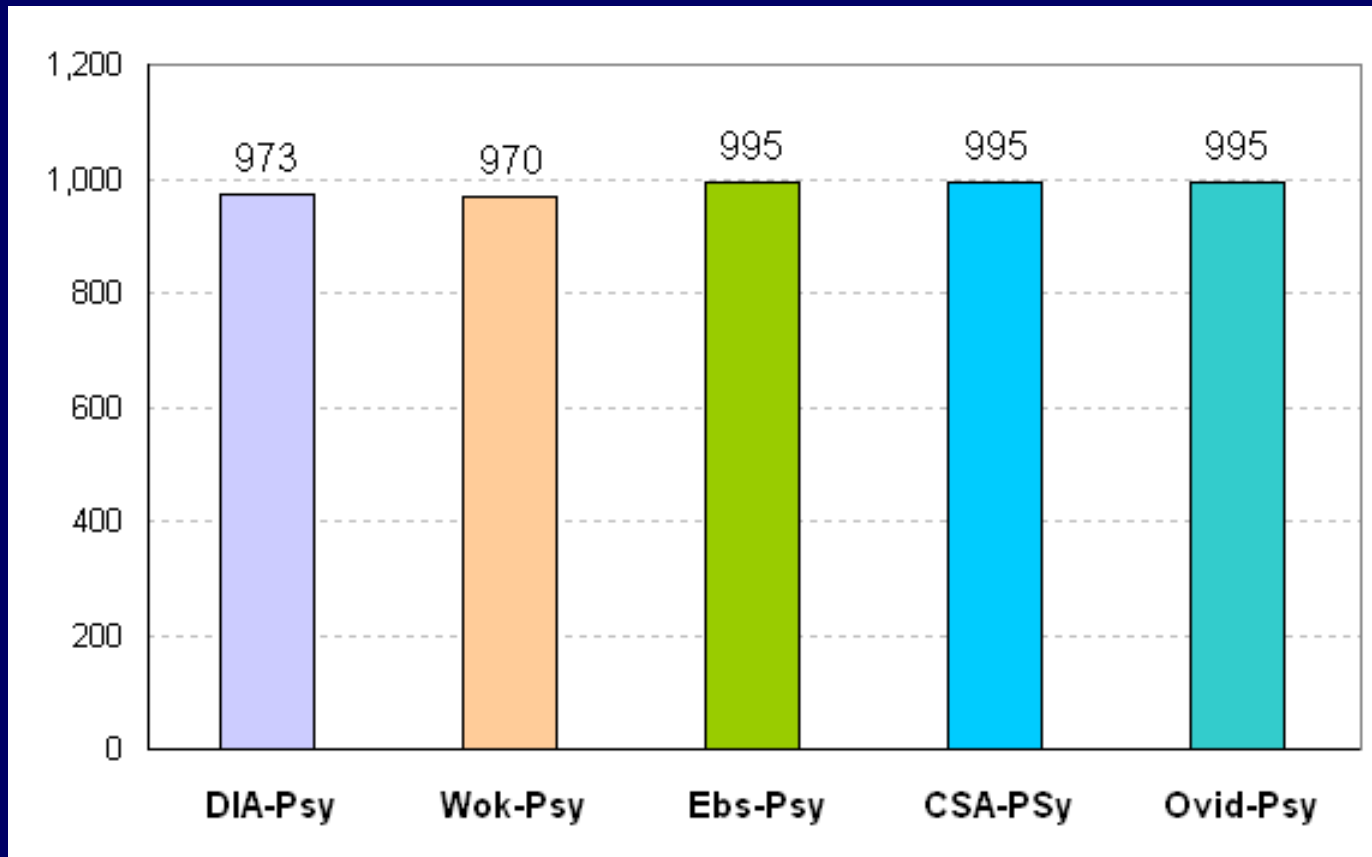
# ISI SocSCI psychology/psychiatry subset



# ARoP chapter records in multi-disciplinary databases

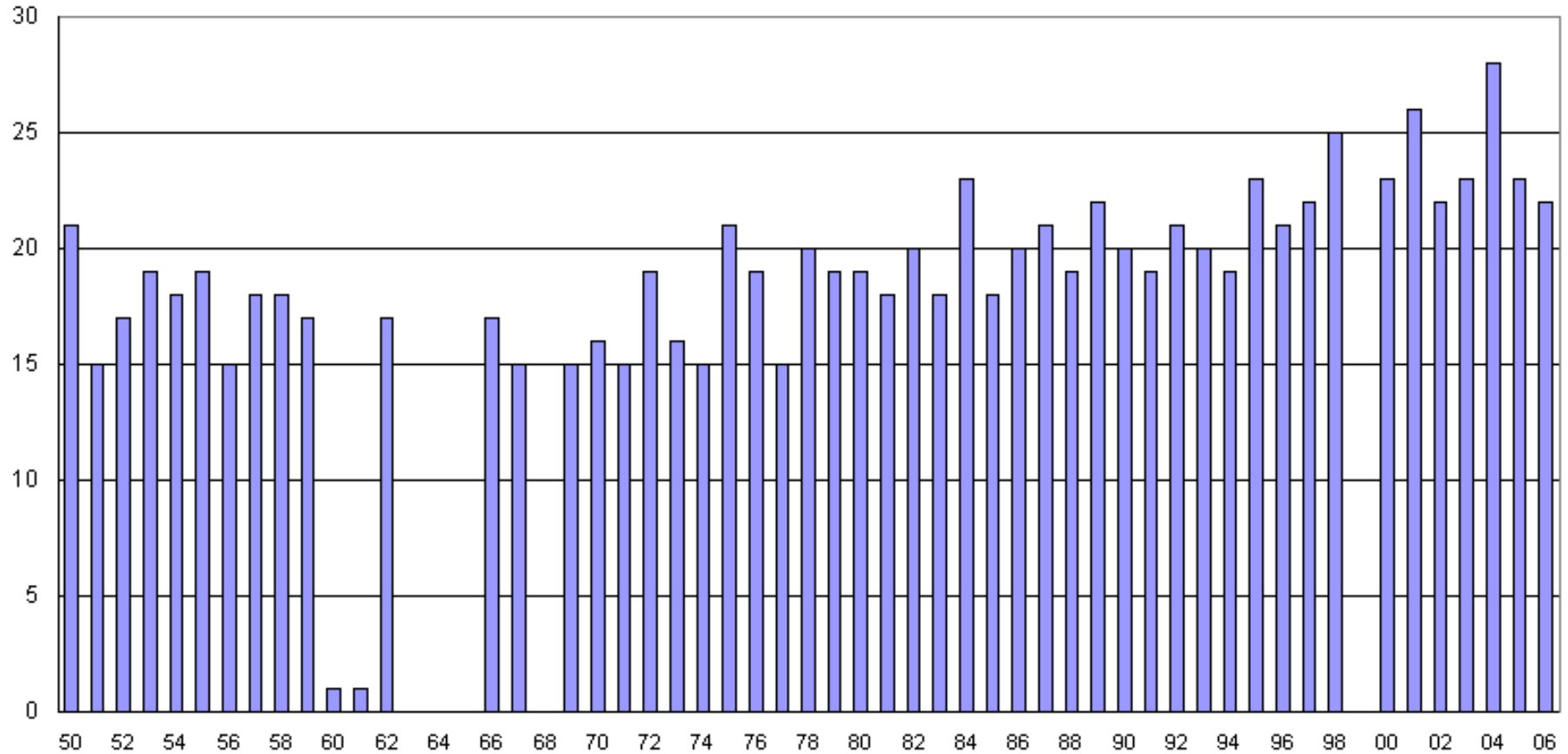


# AROP chapter records in PsycINFO versions





# ARoP chapter records in Dialog PsycINFO



Year	Scopus	WoS	Ebs-ASP	D-SSCI	D-SCI
<b>Total</b>	<b>637</b>	<b>985</b>	<b>1,085</b>	<b>714</b>	<b>698</b>
2006	22	23	22	23	23
2005	23	24	23	24	24
2004	28	28	28	28	28
2003	24	24	23	24	24
2002	23	23	22	23	23
2001	26	28	26	28	28
2000	23	24	23	24	24
1999	25	26	25	26	26
1998	22	22	22	22	22
1997	22	22	22	22	22
1996	21	21	21	21	21
1995	23	24	23	24	24
1994	18	19	18	19	19
1993	20	21	21	21	21
1992	21	21	21	21	21
1991	19	19	19	19	19
1990	21	21	21	21	21
1989	14	22	22	22	22
1988	12	19	19	19	19
1987	10	22	21	22	22
1986	9	20	20	20	20
1985	8	18	18	18	18
1984	8	23	23	23	23
1983	7	19	19	19	19
1982	8	20	20	20	20
1981	6	18	20	18	18
1980	7	19	20	19	19
1979	6	19	19	19	19
1978	20	20	20	20	20

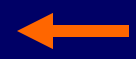
Year	Scopus	WoS	Ebs-ASP	D-SSCI	D-SCI
1977	7	15	15	15	15
1976	8	18	19	18	18
1975	21	21	21	21	21
1974	10	15	15	15	15
1973	9	16	16	16	
1972	9	19	19		
1971	9	16	15		
1970	13	19	16		
1969	8		16		
1968	15	17	15		
1967	15	15	15		
1966	17	18	18		
1965		16	17		
1964		17	17		
1963		15			
1962		17	17		
1961		17	19		
1960		16	16		
1959		17	17		
1958		18	18		
1957		18	19		
1956		16	16		
1955			19		
1954			19		
1953			19		
1952			17		
1951			17		
1950			17		

## ARoP chapter records in multidisciplinary databases

# ARoP chapter records in PsycINFO versions

Year	DIA-PSy	Vok-PSy	Ebs-PSy	CSA-PSy	Ovid-PSy
Total	973	970	995	995	995
2006	22	22	22	22	22
2005	23	23	23	23	23
2004	28	28	28	28	28
2003	23	23	23	23	23
2002	22	22	22	22	22
2001	26	26	26	26	26
2000	23	23	23	23	23
1999		25	25	25	25
1998	25	22	22	22	22
1997	22	22	22	22	22
1996	21	21	21	21	21
1995	23	23	23	23	23
1994	19	19	19	19	19
1993	20	20	20	20	20
1992	21	21	21	21	21
1991	19	19	19	19	19
1990	20	20	20	20	20
1989	22	22	22	22	22
1988	19	19	19	19	19
1987	21	21	21	21	21
1986	20	20	20	20	20
1985	18	18	18	18	18
1984	23	23	23	23	23
1983	18	18	18	18	18
1982	20	20	20	20	20
1981	18	18	18	18	18
1980	19	19	19	19	19
1979	19	19	19	19	19
1978	20	20	20	20	20

Year	DIA-PSy	Vok-PSy	Ebs-PSy	CSA-PSy	Ovid-PSy
1977	15	4	15	15	15
1976	19	4	19	19	19
1975	21	21	21	21	21
1974	15	15	15	15	15
1973	16	16	16	16	16
1972	19	19	19	19	19
1971	15	15	15	15	15
1970	16	16	16	16	16
1969	15	15	15	15	15
1968					
1967	15	15	15	15	15
1966	17	17	17	17	17
1965					
1964					
1963					
1962	17	17	17	17	17
1961	1	1	1	1	1
1960	1	1	1	1	1
1959	17	17	17	17	17
1958	18	18	18	18	18
1957	18	18	18	18	18
1956	15	15	15	15	15
1955	19	19	19	19	19
1954	18	18	18	18	18
1953	19	19	19	19	19
1952	17	17	17	17	17
1951	15	15	15	15	15
1950	21	22	21	21	21



# And the winner is .....



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Search Results: 1,098 matches found

Search Query: **Full Text:** psychology **in Journal:** Annual Review of Psychology

# Gaping gaps in all/some PsycINFO versions

**DialogWeb** Command Search new search databases alerts order

**Search History**  
Database Details


Set	Term Searched	Items
S1	JN='ANNUAL REVIEW OF PSYCHOLOGY'	973
S2	S1/1959	17
S3	S1/1960	1
S4	S1/1961	1
S5	S1/1962	17
S6	S1/1963	0
S7	S1/1964	0
S8	S1/1965	0
S9	S1/1966	17
S10	S1/1967	15
S11	S1/1968	0

Show Database Details for: Bluesheet Rat  
 11: PsycINFO®

**DialogWeb** Command Search new search databases alerts order cost logoff help

**Dialog Response**

Adding title to results...  
 AROP RECORDS IN DIALOG PSYCINFO  
 -----  
 RANK: S1/1-973 Field: PY= File(s): 11  
 (Rank fields found in 973 records -- 52  
 RANK No. Items Term  
 -----  
 12 22 2006  
 8 23 2005  
 1 28 2004  
 7 23 2003  
 11 22 2002  
 2 26 2001  
 6 23 2000  
 3 25 1998  
 10 22 1997  
 17 21 1996  
 5 23 1995  
 31 19 1994  
 22 20 1993  
 16 21 1992  
 30 19 1991



# Odd drop of records in WoK PsycINFO (rest in peace)

PsycINFO®

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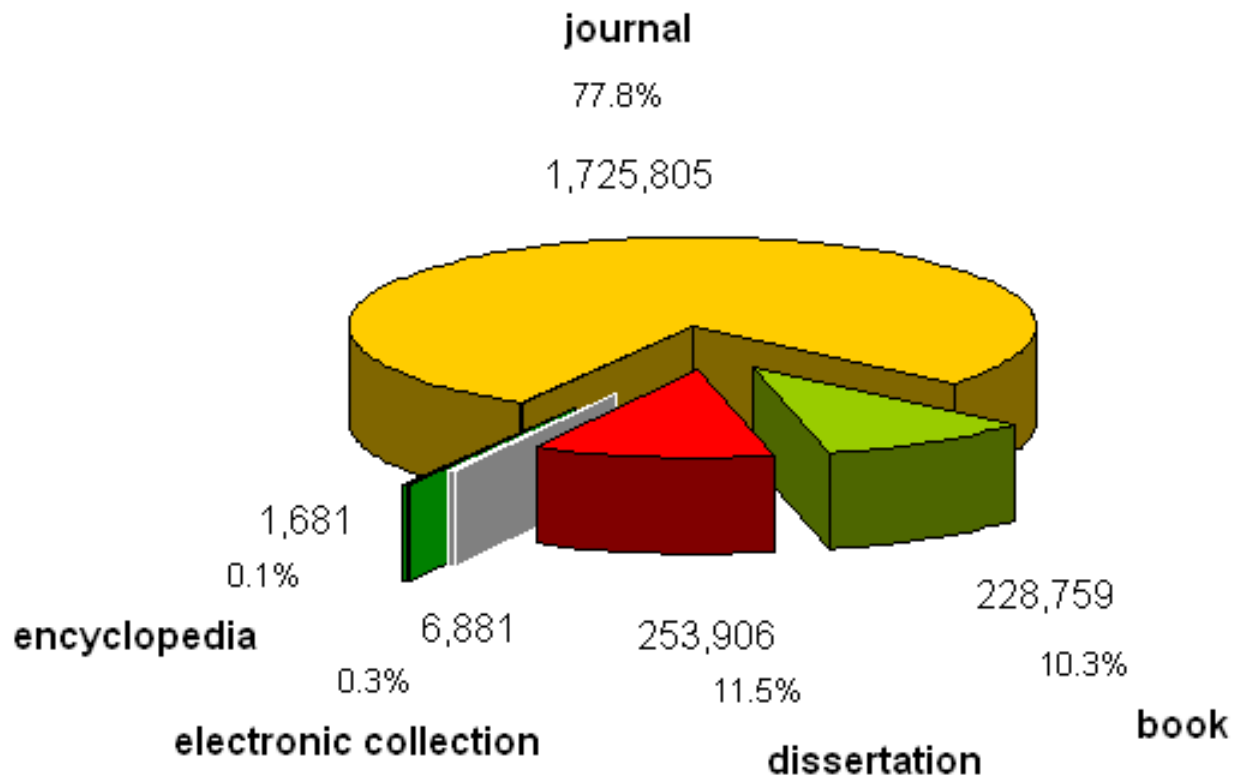
Search History (For complex set combinations, use Adv)

Combine Sets  
 AND  OR  
COMBINE

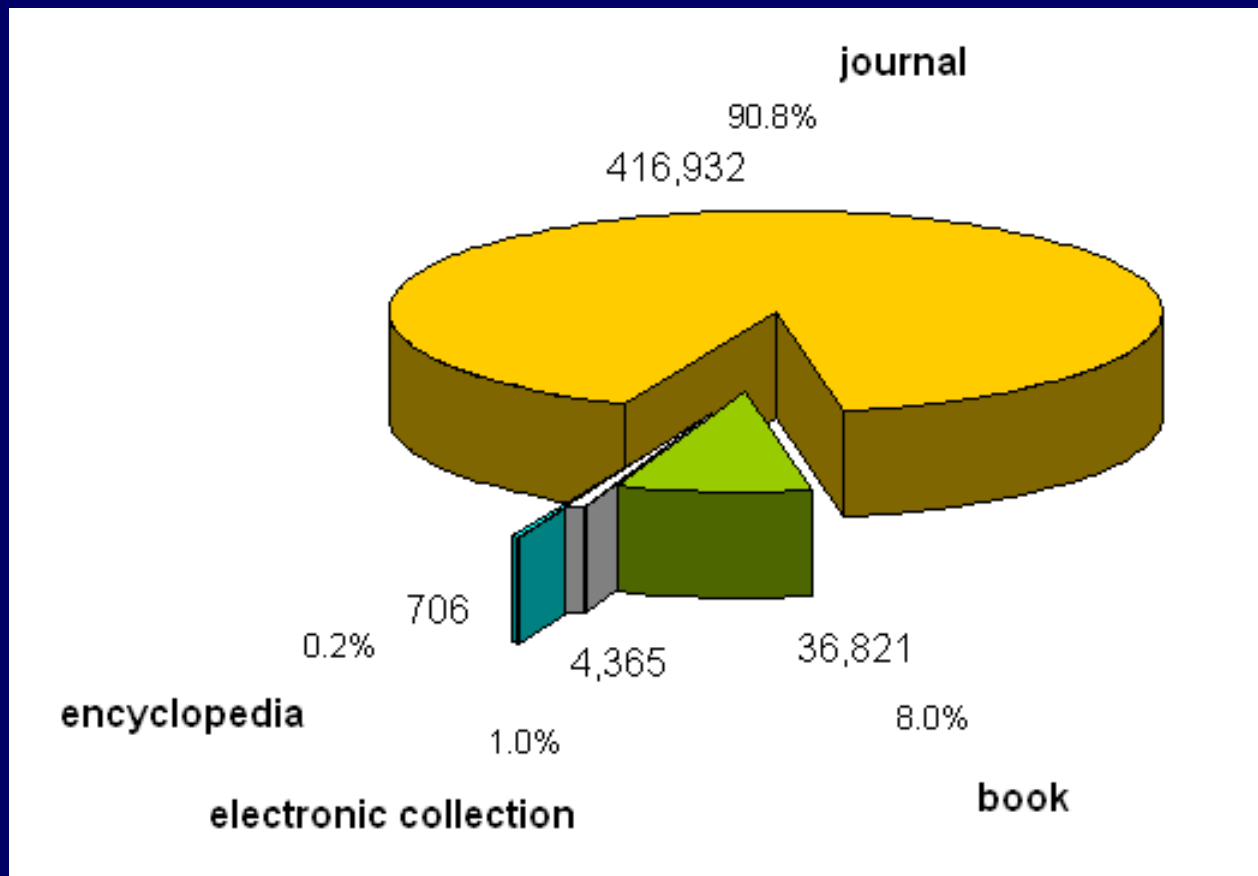
SAVE HISTORY OPEN SAVED HISTORY

Combine Sets	Results	
<input type="checkbox"/> #5	<b>20</b>	SO=(annual review of psychology) AND PY= <b>1978</b> <i>DocType=All document types; Language=All languages; Form/Content=All form/content types; PopGroup=All population groups; AgeGroup=All age groups; Locations=All locations; Database=PsycINFO; Timespan=1880-2006</i>
<input type="checkbox"/> #4	<b>4</b>	SO=(annual review of psychology) AND PY= <b>1977</b> <i>DocType=All document types; Language=All languages; Form/Content=All form/content types; PopGroup=All population groups; AgeGroup=All age groups; Locations=All locations; Database=PsycINFO; Timespan=1880-2006</i>
<input type="checkbox"/> #3	<b>4</b>	SO=(annual review of psychology) AND PY= <b>1976</b> <i>DocType=All document types; Language=All languages; Form/Content=All form/content types; PopGroup=All population groups; AgeGroup=All age groups; Locations=All locations; Database=PsycINFO; Timespan=1880-2006</i>
<input type="checkbox"/> #2	<b>21</b>	SO=(annual review of psychology) AND PY=(1975) <i>DocType=All document types; Language=All languages; Form/Content=All form/content types; PopGroup=All population groups; AgeGroup=All age groups; Locations=All locations; Database=PsycINFO; Timespan=1880-2006</i>
<input type="checkbox"/> #1	<b>970</b>	SO=(annual review of psychology) <i>DocType=All document types; Language=All languages; Form/Content=All form/content types; PopGroup=All population groups; AgeGroup=All age groups; Locations=All locations; Database=PsycINFO; Timespan=1880-2006</i>

# PsycINFO source composition



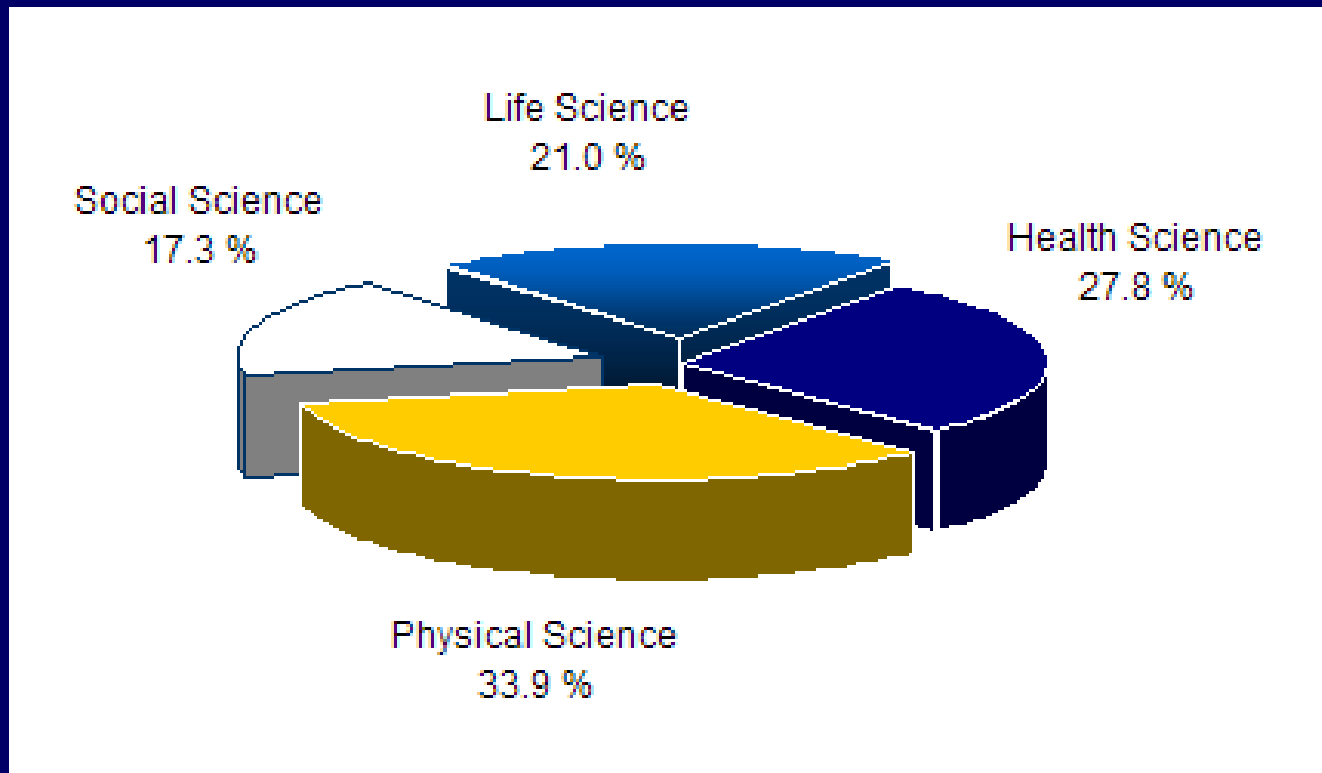
# PsycINFO citation enhanced records by doc type





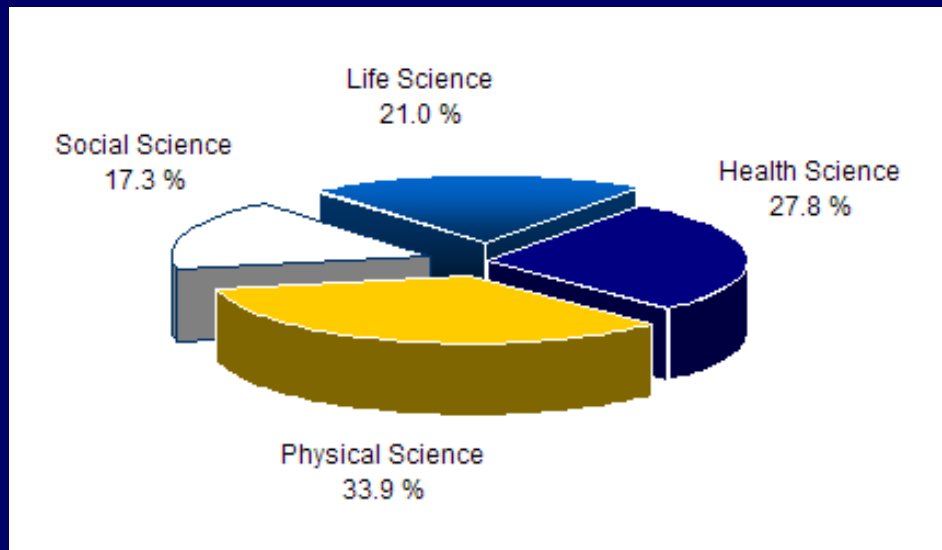
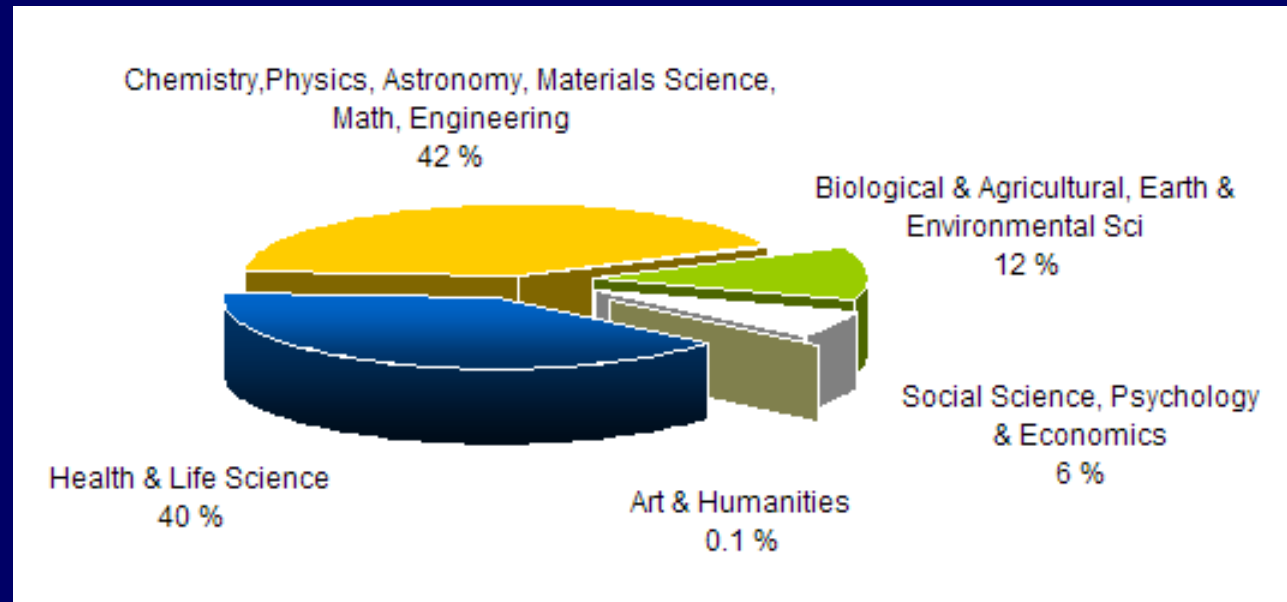
# Subject Scope

- Not static. May have evolved in the past X years
- Obvious subject dominance in Scopus at the journal level\*

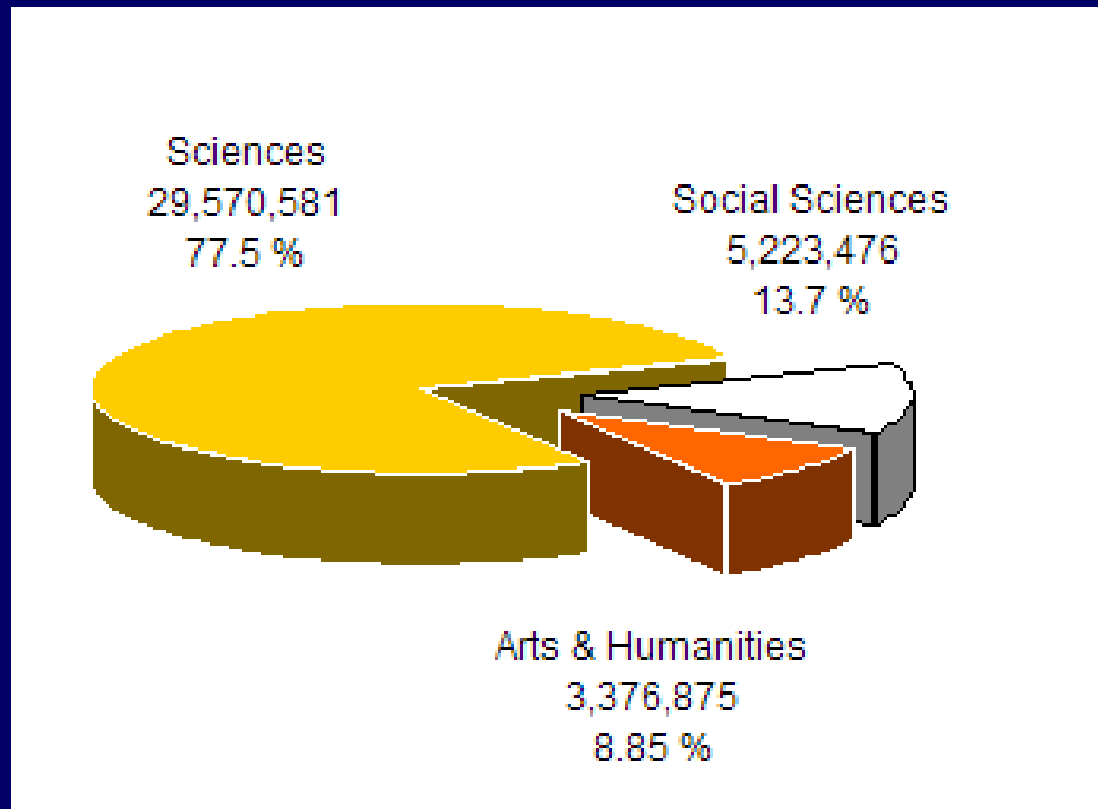


Note: Scopus claims to cover 15,000+ journals  
About 10% of the journals are assigned to more than 1 main categories

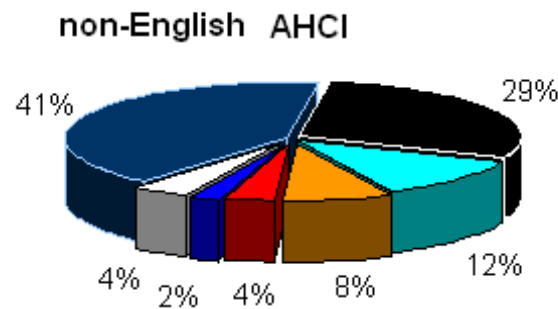
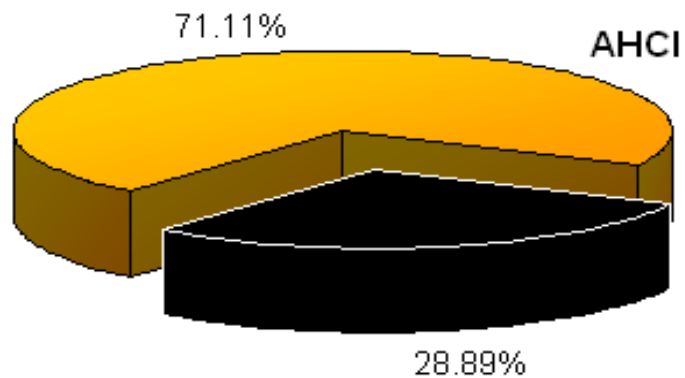
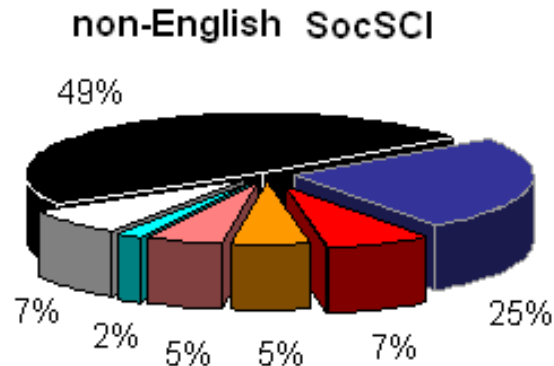
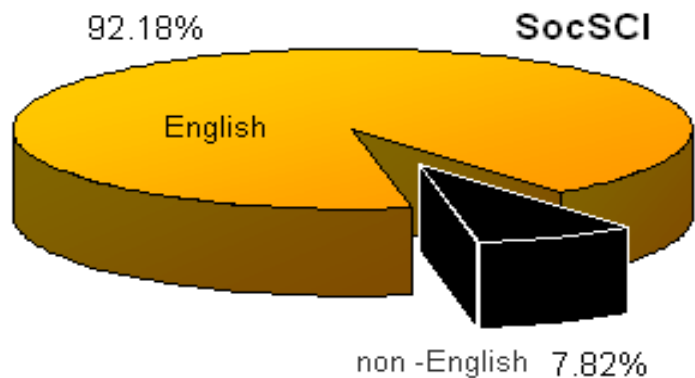
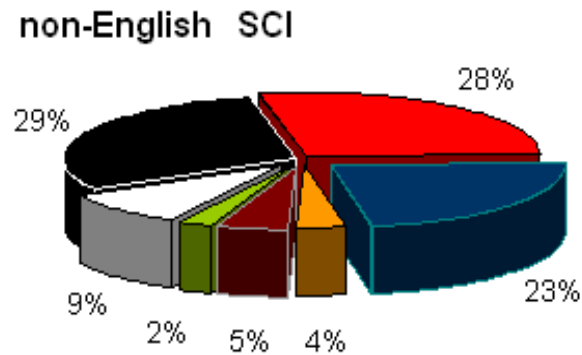
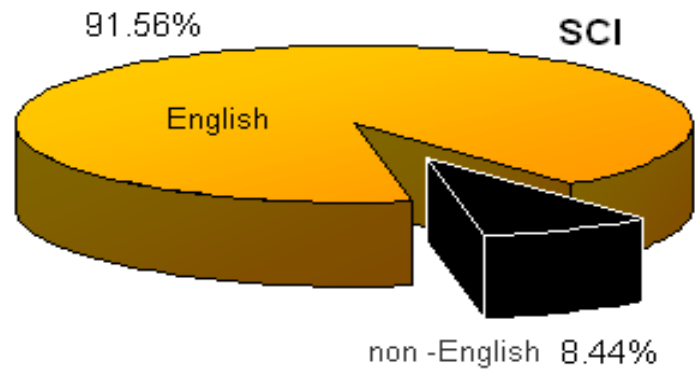
# Much more prominent subject dominance at the article level



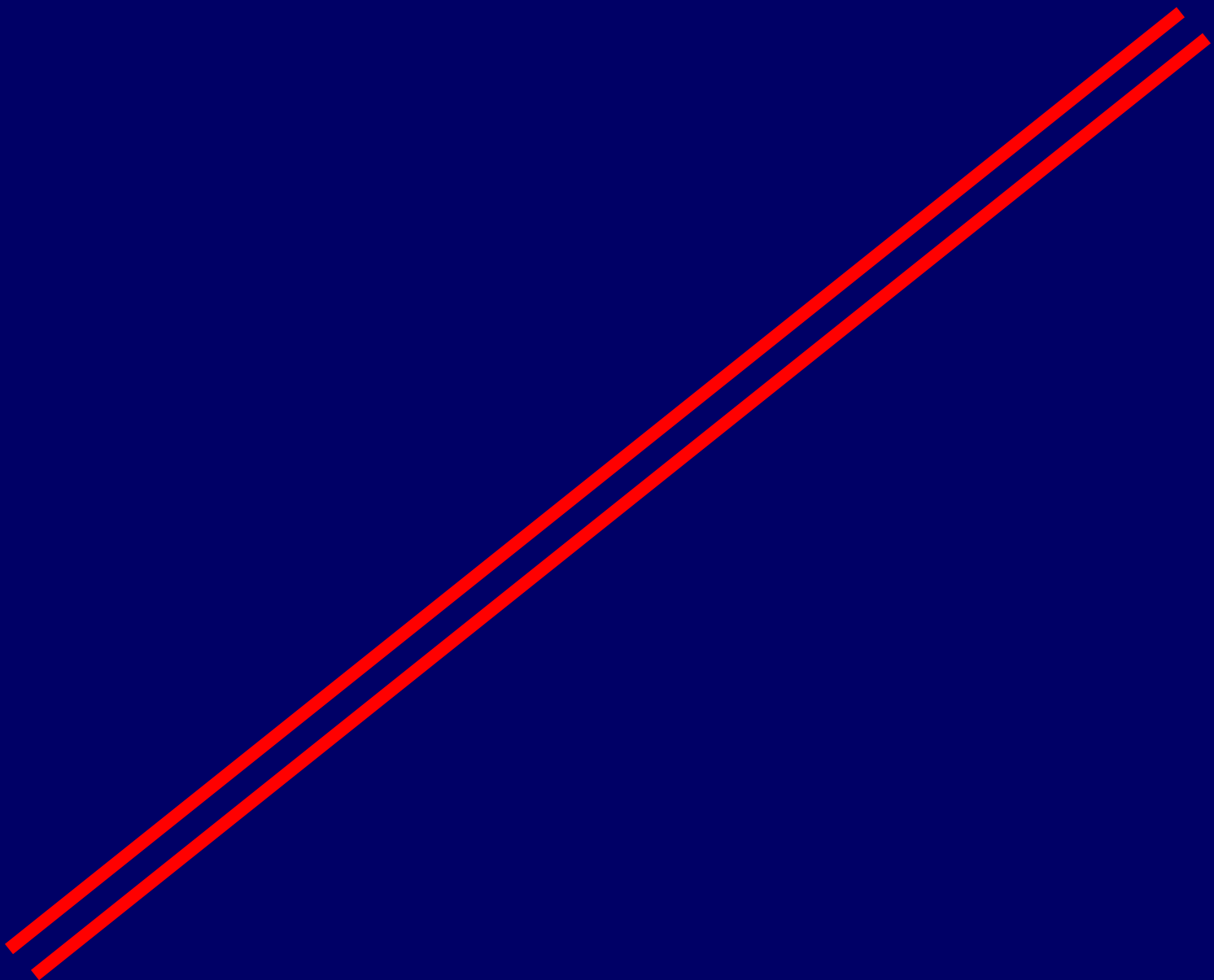
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- GERMAN
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- FRENCH
- SPANISH
- JAPANESE
- CZECH
- ITALIAN
- CHINESE
- DUTCH
- OTHER NON-ENGLISH





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- 245 million references, added to all abstracts

15441	Veterinary Quarterly	Euroscienc	Netherland
15442	Veterinary Radiology and Ultrasound	Blackwell	Australia
15443	Veterinary Record	British Vet	United Kin
15444	Veterinary Research	EDP Scier	France
15445	Veterinary Research Communications	Kluwer Ac:	Netherland
15446	Veterinary Surgery	Blackwell	Australia
15447	Veterinary Technician	Veterinary	USA
15448	Veterinary Therapeutics	Veterinary	USA
15449	Vlaams Diergeneeskundig Tijdschrift	Universiteit	Belgium
15450	Wiener Tierärztliche Monatsschrift	B W K Pul	Austria
15451			

# Journal base

# Are journals with such modest intake counted among the 15,000?

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Journals 1 - 20 (of 54)







Page 1

*Ranking is based on your journal and sort selections.*

Mark	Rank	Abbreviated Journal Title <i>(linked to journal information)</i>	ISSN	Total Cites	Impact Factor	Immediacy Index	Articles	Cited Half-life
<input type="checkbox"/>	1	<a href="#">ANNU REV INFORM SCI</a>	0066-4200	296	4.292	0.333	12	5.7
<input type="checkbox"/>	2	<a href="#">INFORM SYST RES</a>	1047-7047	615	3.512	0.100	20	5.8
<input type="checkbox"/>	3	<a href="#">MIS QUART</a>	0276-7783	1869	2.884	0.333	24	9.7
<input type="checkbox"/>	4	<a href="#">J AM MED INFORM ASSN</a>	1067-5027	1468	2.612	0.918	61	4.7
<input type="checkbox"/>	5	<a href="#">J AM SOC INF SCI TEC</a>	1532-2882	2254	2.086	0.216	97	6.2
<input type="checkbox"/>	6	<a href="#">INFORM MANAGE-AMSTER</a>	0378-7206	1013	1.815	0.056	72	5.4
<input type="checkbox"/>	7	<a href="#">J DOC</a>	0022-0418	654	1.542	0.269	26	7.2
<input type="checkbox"/>	8	<a href="#">INFORM PROCESS MANAG</a>	0306-4573	992	1.295	0.185	54	7.8
<input type="checkbox"/>	9	<a href="#">J MANAGE INFORM SYST</a>	0742-1222	944	1.271	0.171	35	6.9
<input type="checkbox"/>	10	<a href="#">INT J GEOGR INF SCI</a>	1365-8816	899	1.234	0.135	37	7.4
<input type="checkbox"/>	11	<a href="#">COLL RES LIBR</a>	0010-0870	384	1.159	0.038	26	5.8



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scopus.com), an Elsevier product which is all set to become the single largest scientometric database with more than 27 million abstracts and citations covering 14,500 journals from 4000 publishers, and dating back to 1966. Free access to the beta version of this database made this study possible.

### Methodology

The SCOPUS database was interrogated for all records of papers published by scientists from Institute *X* during 1974–2004. Here it is important to make the following distinctions. All databases will naturally

participate in the intellectual process associated with scientific discovery at Institute *X* never get to publish! This, of course, the scientometric data can never capture. For Institute *X*, in addition to all those who have achieved author status during the period covered by the study, an attempt is made to include all senior scientists (non-entry level, as it is assumed that entry-level scientists will take some time to get themselves established) on the latest roster as the zero item cases. For this study to be more complete, it is important that at a future date, the list of zero-paper scientists be obtained from the total population of all scientists who worked at Institute *X* during the period 1974–2004. For now,

co-authors. The data in Table 1 show (complete data available from the author upon request) that at the lower end, 182 scientists wrote no papers, 40 unique authors wrote only one paper each in the 30 years from 1974 to 2004, and another 52 authors contributed to two papers each. This distribution is captured in Figure 1. The distribution is bimodal, with a huge peak at 0 papers and another peak at 2 papers. This suggests that in Institute *X*, there is a large component of the task force doing only applied work (time-bound, mission-oriented, etc.) and does not publish, and that among those who publish, the peak is at 2 papers. That is, nearly 50% of the actual population of active scien-

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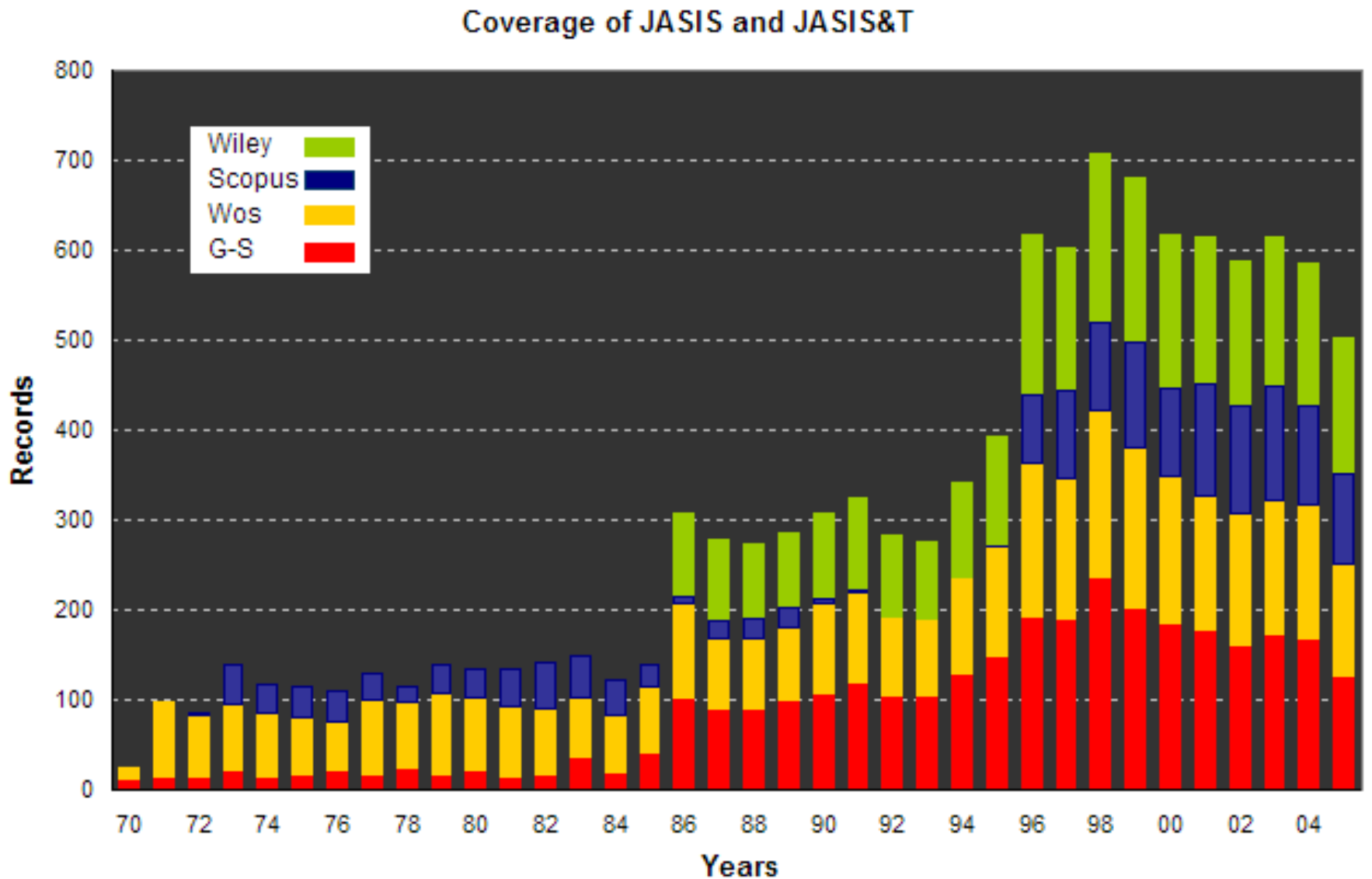
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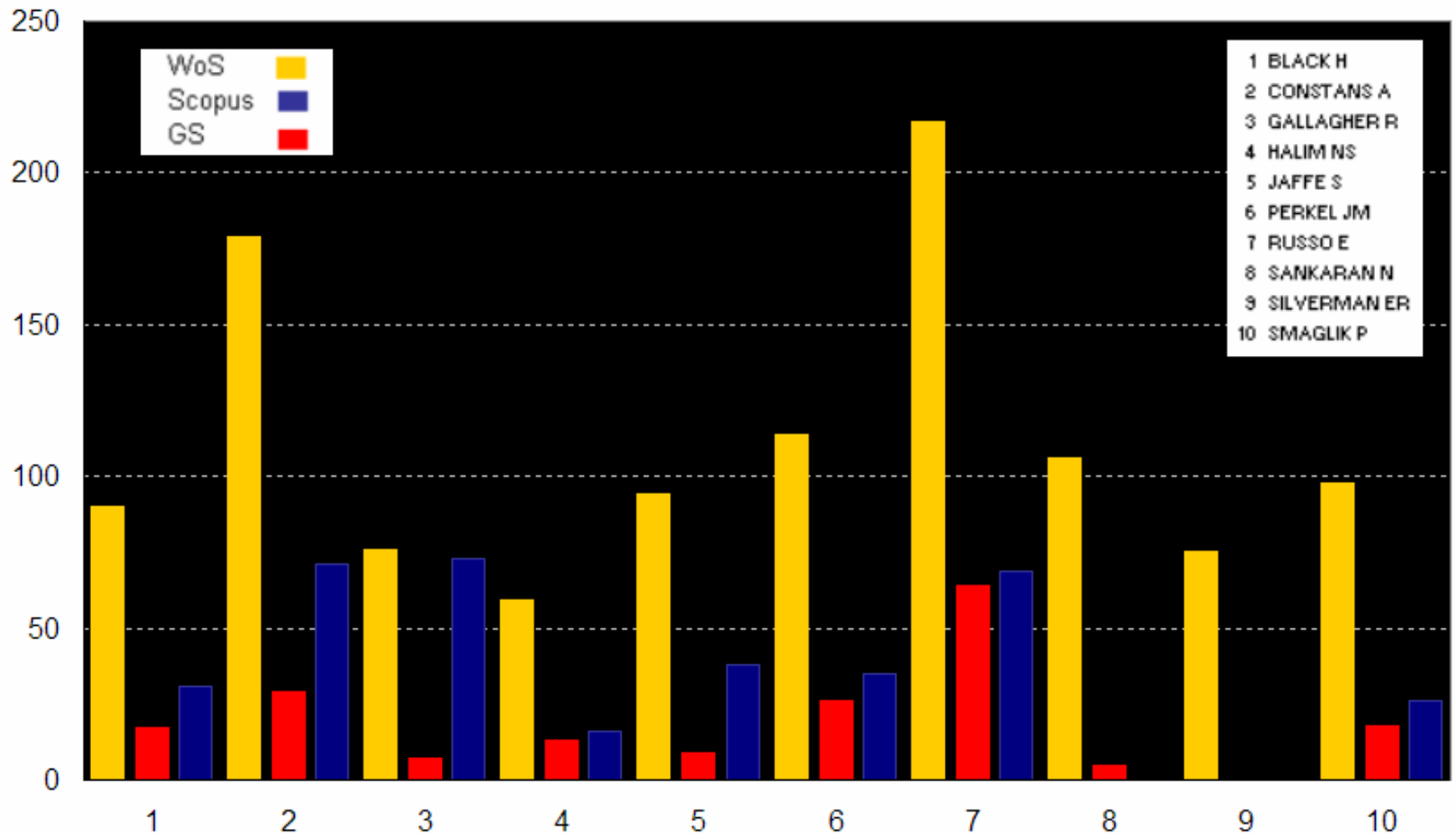
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<input type="checkbox"/> Proceedings of the National Academy of Sciences of the United States of America (29,363)	<input type="checkbox"/> Sugimachi, K. (600)	<input type="checkbox"/> 2003 (1,049,627)	<input type="checkbox"/> Editorial (55,984)	<input type="checkbox"/> Chemistry (893,908)
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<input type="checkbox"/> Journal of Applied Physics (25,265)	<input type="checkbox"/> La Vecchia, C. (550)	<input type="checkbox"/> 2000 (844,882)	<input type="checkbox"/> Business Article (100)	<input type="checkbox"/> Earth and Planetary Sciences (451,701)
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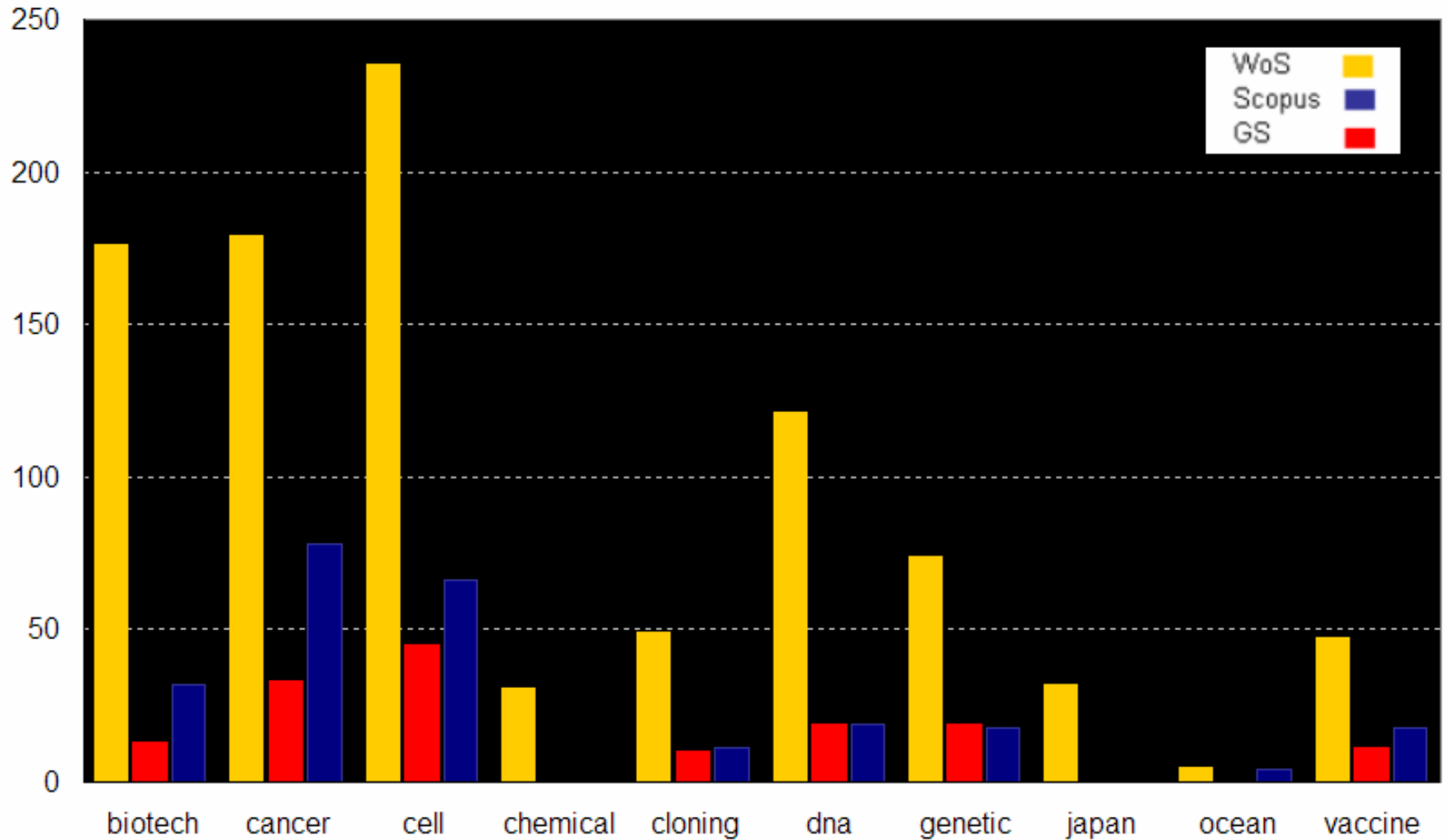
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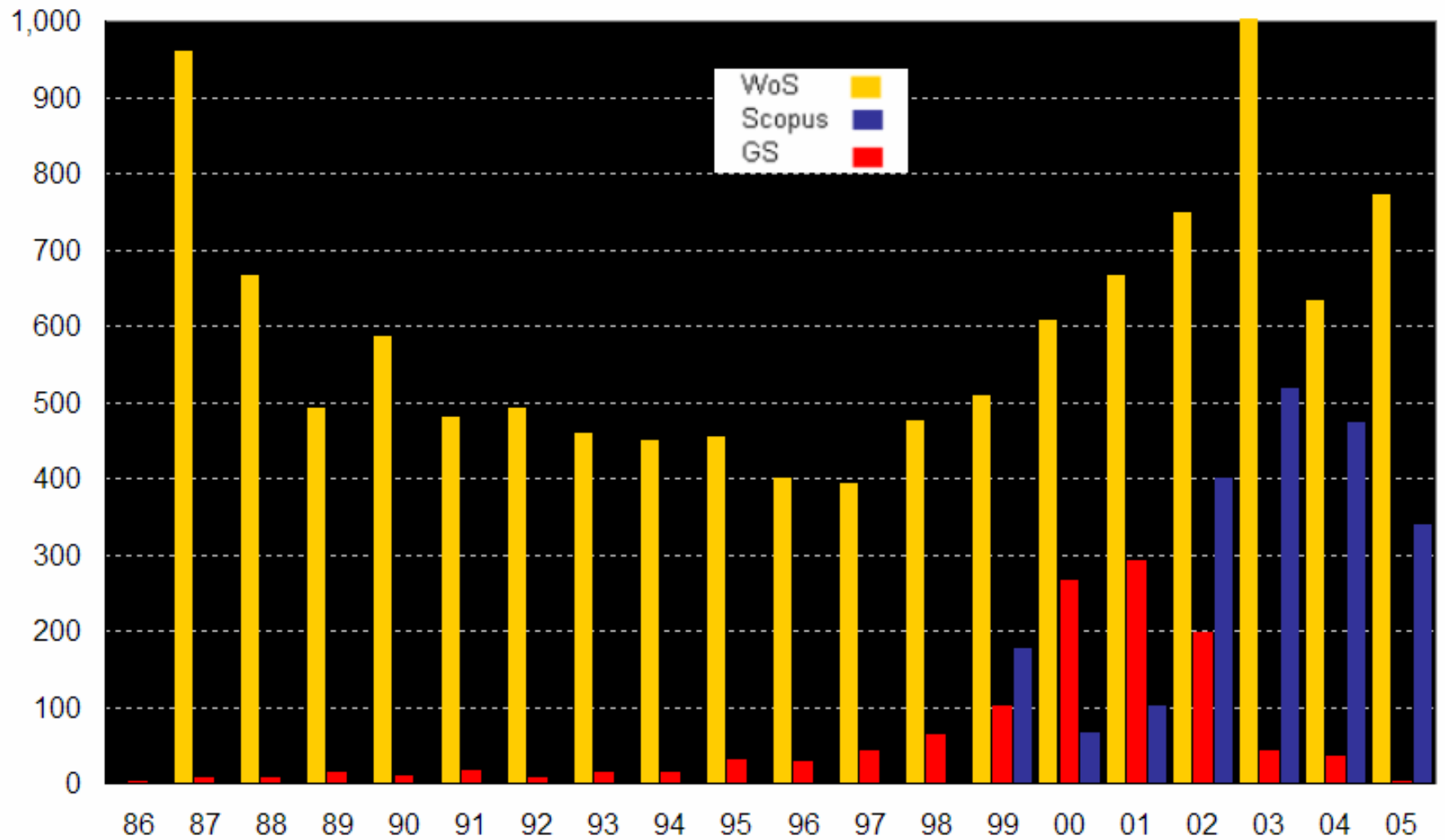
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