

IAIMS Monthly Report

September 1996

Overall resource usage

Type of application	this month	Sep-95	% change
CINAHL	165	227	-27%
Core Biomedical Collection	463	-	-
Current Contents	428	458	-7%
Electronic mail (# messages sent)	364,477	196,926	85%
messages per user per day	2.3	-	-
HealthSTAR	170	230	-26%
Medline	13,163	11,063	19%
searches per active user per month	5.8	-	-
Medical Center World Wide Web			
Medical Center home page	8,602	4,097	110%
Hospital home page	844	1,085	-22%
School of Medicine home page	3,906	3,555	10%
Medical Library home page	3,845	2,495	54%

Background information

Personal computers as of 10/95
 Electronic mail users as of 6/96
 Networked computers as of 6/96
 Full-time faculty, 1995-96
 Medical & graduate students, 1995-96
 Residents & postdocs, 1995-96
 Full-time staff, 1995-96
 Nursing staff, 1995-96
 Number of beds, 1995-96

Hospital	Schools of Medicine & Nursing
2,200	7,500
1,000	4,089
1,575	2,500
-	1,270
-	907
388	916
4,600	2,392
1,250	-
900	-

Usage of NetMenu workstations

Type of application	Library NetMenu # of connections			Hospital NetMenu # of connections			Nursing NetMenu # of connections		
	this month	Sep-95	% change	this month	Sep-95	% change	this month	Sep-95	% change
Medical Education	1,550	1,942	-20%	-	-	-	-	-	-
Bibliographic databases & search tools	9,206	7,934	16%	1,698	1413	20%	128	216	-41%
Full text & factual databases	653	565	16%	2,677	1379	94%	6	6	-
Grant & research information	52	127	-59%	-	-	-	0	1	-
Clinical assistance	19	63	-70%	69	41	68%	1	8	-
Email/news/networks	22,217	12,215	82%	6,943	3001	131%	155	280	-45%
Word processing & utilities	453	199	128%	1,147	652	76%	-	-	-
Hospital information systems	-	-	-	20,409	10340	97%	-	-	-
Procedure recorders	-	-	-	286	252	13%	-	-	-
Total	34,150	23,045	48%	33,229	17,078	95%	290	511	-43%
connections per workstation	1,313	1,097	20%	400	371	8%	290	511	

Inventory of NetMenu workstations

Location	# of workstations	
	this month	Sep-95
Libraries	26	23
Hospital	83	46
Total	109	69

Applications added to NetMenu this month

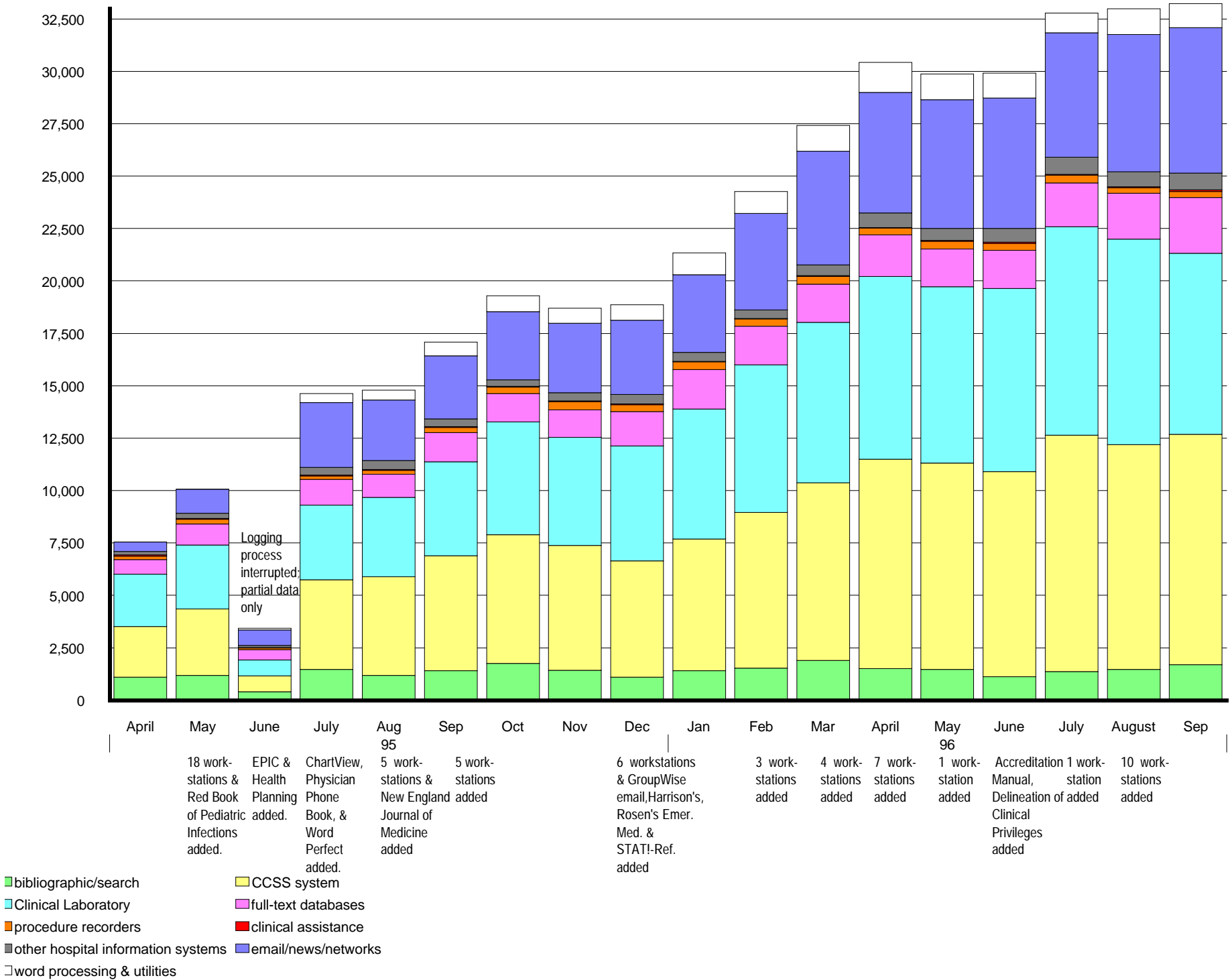
Wheater's Interactive Histology
 (added to Library workstations)

Details for NetMenu Hospital usage

<u>Application</u>	<u>total # of connections</u>		
	<u>Sep-96</u>	<u>Sep-95</u>	<u>% change</u>
Hospital information systems	20409	10340	97%
CCSS	10977	5486	100%
ChartView	167	152	10%
Clinical laboratory	8636	4480	93%
Diagnostic Imaging	157	93	69%
EPIC	175	72	143%
Surgical Pathology	297	57	421%
Bibliographic databases and search tools	1698	1413	20%
CINAHL	157	132	19%
Health Planning and Administration	56	47	19%
MEDLINE	1421	1119	27%
Yale Library Catalog (OPAC)	64	115	-44%
Word processing & utilities	1147	652	76%
Clinical Workstation locations	84	-	-
Format disk	34	16	113%
Virus scan	22	14	57%
Wordperfect	1007	622	62%
Clinical assistance	69	41	68%
Coag Advisor	69	41	68%

<u>Application</u>	<u>total # of connections</u>		
	<u>Sep-96</u>	<u>Sep-95</u>	<u>% change</u>
Full text and factual databases	2677	1379	94%
Delineation of Clinical Privileges	209	-	-
Harrison's	276	-	-
JCAHO Accreditation Manual	42	-	-
Little Brown Handbooks	175	179	-2%
Merck Manual	84	140	-40%
Micromedex	1405	691	103%
New England Journal of Medicine	205	248	-17%
Red Book on Pediatric Infections	31	31	0%
Rosen's Emergency Medicine	61	-	-
STAT!-Reference	111	-	-
YNHH Physician Phone Book	78	90	-13%
Email/news/networks	6943	3001	131%
Biomed Email	793	560	42%
GroupWise Email	1094	-	-
Internet access	5056	2441	107%
Procedure recorders	286	252	13%
Medicine	109	106	3%
Ob/Gyn	123	64	92%
Surgery	54	82	-34%

NetMenu in the Hospital



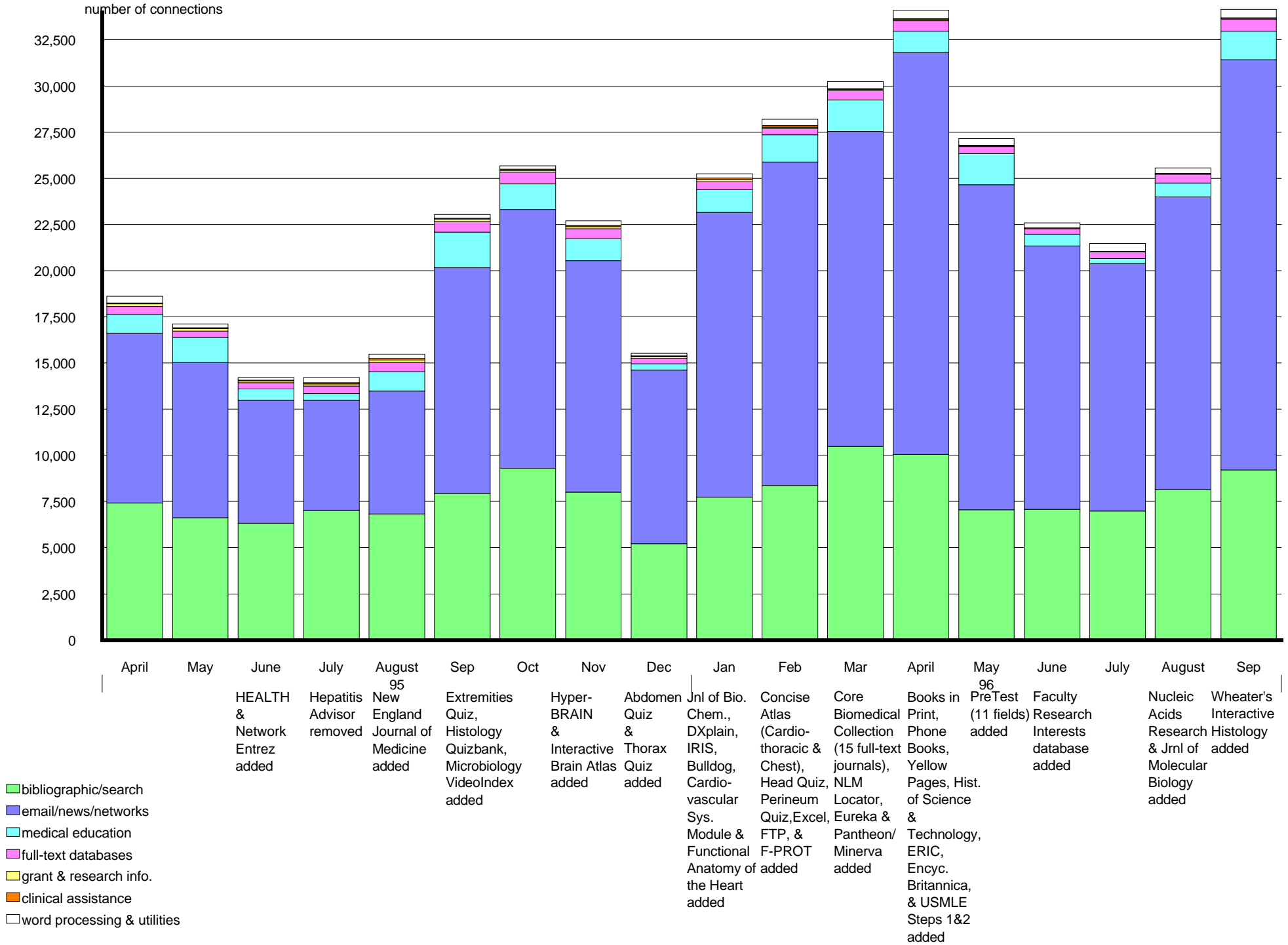
- bibliographic/search
- Clinical Laboratory
- procedure recorders
- other hospital information systems
- word processing & utilities
- CCSS system
- full-text databases
- clinical assistance
- email/news/networks

Details for NetMenu Medical Library usage

Application	total # of connections			Application	total # of connections			Application	total # of connections		
	Aug-96	Aug-95	% change		Aug-96	Aug-95	% change		Aug-96	Aug-95	% change
Bibliographic databases and search tools	9206	7934	16%	Full text and factual databases	653	565	16%	Medical Education	1550	1942	-20%
AIDSLINE	61	85	-28%	AIDSTrials/AIDSDrugs/DIRLINE	1	16	-94%	Abdomen Quiz	45	-	-
Biosis	56	185	-70%	American Journal of Medicine	33	-	-	Anatomic Explorer	134	81	65%
Books in Print	24	-	-	American Journal of Surgery	5	-	-	Anatomic Explorer CT	90	27	233%
CINAHL	31	95	-67%	Annals of Internal Medicine	12	-	-	Animated Embryo	46	257	-82%
Current Contents	76	264	-71%	Archives of General Psychiatry	10	-	-	Brainstem	25	5	400%
ERIC	17	-	-	BMJ	5	-	-	Brainstorm	20	10	100%
Eureka	10	-	-	Britannica Online	20	-	-	Breath sounds	31	23	35%
Expanded Academic Index	20	76	-74%	Canadian Medical Association Journal	0	-	-	Cardiac Angio	27	0	-
Health Planning and Administration	11	52	-79%	Circulation	3	-	-	Cardiac Auscultation	33	55	-40%
Yale Information Sources Directory	270	105	157%	Faculty Research Interests database	35	-	-	Cardiac Echo	32	15	113%
MEDLINE	5415	4680	16%	FREIDA	169	102	66%	Cardiac MRI	20	10	100%
NLM Locator	1	-	-	GenBank	24	21	14%	Cardiac Perfusion Imaging: SP	3	1	200%
PsycINFO	152	279	-46%	History of Science & Technology	8	-	-	Cardiac Perfusion Imaging: PI	4	11	-64%
Science Citation Index	147	197	-25%	Journal of Biological Chemistry	16	-	-	Cardiothoracic Image Quiz	22	10	120%
Search term lookup	10	30	-67%	Journal of Bone & Joint Surgery	6	-	-	Cardiothoracic Imaging	33	54	-39%
Yale Library Catalog (OPAC)	2905	1886	54%	Journal of Clinical Investigation	1	-	-	Concise Atlas - Cardiothoracic	10	-	-
				Journal of Molecular Biology	8	-	-	Concise Atlas - Chest	14	-	-
				JAMA	13	-	-	Embryo images	12	601	-98%
Email/news/networks	22217	12215	82%	Lancet	11	-	-	EPS Review	12	9	33%
Biomed Email	13775	8646	59%	Legislate	1	11	-91%	Extremities Quiz	32	-	-
Bulldog Access	46	-	-	Micromedex	22	17	29%	Forebrain (Syracuse)	3	3	0%
MEDINFO (Yale-New Haven gopher)	-	714	-	MMWR	8	56	-86%	Gross Anatomy Review	244	43	467%
NIH gopher	5	112	-96%	Network Entrez	4	1	300%	HARP (Histological Anatomy Review)	47	33	42%
Pantheon/Minerva	637	-	-	New England Journal of Medicine	19	103	-82%	Head Quiz	11	-	-
World Wide Web	7754	1355	472%	NEXIS	118	181	-35%	Histology Quizbank	90	-	-
YaleInfo	-	1388	-	Nucleic Acids Research	5	-	-	Histology Video Review	42	26	62%
				OMIM/GDB	6	22	-73%	HyperCELL	19	26	-27%
word processing & utilities (CRL)	453	199	128%	OncoDisc	0	9	-100%	Hyperheart	26	73	-64%
Epi Info	2	10	-80%	Pediatrics	9	-	-	Interactive Brain Atlas	11	-	-
Excel for Windows	24	-	-	Phone Books	51	-	-	Interactive Histology	2	-	-
Format disk	11	12	-8%	Science	27	-	-	Interactive Respiratory Physiology	3	-	-
FTP for Windows	0	-	-	Scientific American Medicine Consult	3	26	-88%	KINEMAGE	8	29	-72%
Health Risk Appraisal	0	1	-100%	Yellow Pages	0	-	-	Lazy Eye	6	22	-73%
Reconnect Printer	0	-	-					MacBaby	16	349	-95%
Virus Scanner (F-PROT)	14	-	-	Grant and research information	52	127	-59%	Microbiology Quizbank	95	-	-
Wordperfect for Windows	402	176	128%	Annual grant deadlines	11	25	-56%	Neuroanatomy Review	20	10	100%
				CT CRISP	25	58	-57%	Neuron Model: Tutorial	3	6	-50%
				IRIS	14	-	-	Neuron Model: Current Clamp	3	4	-25%
				NIH Guide to Grants & Contracts	2	44	-95%	Neuron Model: Voltage Clamp	2	1	100%
								Pathology Quizbank	98	63	56%
				Clinical assistance	19	63	-70%	Perineum Quiz	11	-	-
				Coag Advisor	2	27	-93%	PreTest (11 different fields)	23	-	-
				DXplain	6	-	-	Superhead	14	14	0%
				NIH Consensus Development Statements	0	12	-100%	Thorax Quiz	17	-	-
				Physician Data Query (PDQ)	11	24	-54%	USMLE Step 1	54	-	-
								USMLE Step 2	20	-	-
								Wheater's Interactive Histology	17	-	-

NetMenu in the Medical Library

Longitudinal data



Overall usage for selected databases

	<u>Apr-95</u>	<u>May-95</u>	<u>Jun-95</u>	<u>Jul-95</u>	<u>Aug-95</u>	<u>Sep-95</u>	<u>Oct-95</u>	<u>Nov-95</u>	<u>Dec-95</u>	<u>Jan-96</u>	<u>Feb-96</u>	<u>Mar-96</u>	<u>Apr-96</u>	<u>May-96</u>	<u>Jun-96</u>	<u>Jul-96</u>	<u>Aug-96</u>	<u>Sep-96</u>
Summary																		
Current Contents	520	543	399	381	483	458	483	391	398	552	522	514	554	494	454	491	428	428
MEDLINE	8,757	8,536	8,712	8,468	9,533	11,063	13,985	13,411	9,821	14,533	15,599	11,338	10,935	11,259	12,549	14,114	13,163	15,035
Medical Center Web server	-	-	116,454	138,064	107,483	123,985	161,237	156,114	148,897	176,546	180,348	195,382	200,197	218,039	213,995	243,844	223,670	240,165
Electronic mail messages sent	-	-	-	-	170,427	196,926	259,024	235,727	195,707	242,233	271,489	303,190	337,167	302,991	315,220	309,517	309,517	322,377
Yale biomedical gopher	4,699	4,795	4,658	4,570	4,697	4,403	8,379	3,966	2,594	3,860	3,762	3,979	3,778	4,013	2,841	2,855	3,066	3,066

Details: Medline

1966-75 search sets	4,074	5,015	4,512	4,032	4,889	3,157	3,910	3,363	3,067	4,390	4,485	3,398	4,280	4,264	4,314	4,447	5,243	5,101
1976-85 search sets	8,403	9,906	9,739	7,302	10,415	6,267	7,341	7,423	6,212	9,334	7,796	12,270	14,996	16,766	16,462	20,241	19,270	20,888
1986-89 search sets	19,190	20,311	18,258	18,266	21,079	15,755	21,090	17,676	15,262	20,327	20,509	17,497	21,324	24,559	23,762	30,139	27,276	30,458
1990-present search sets	55,147	55,722	54,344	58,897	64,629	55,592	62,468	65,720	52,271	71,578	72,196	56,808	67,533	72,710	78,495	90,799	79,185	100,386
Core Biomedical Collection search sets	-	-	-	-	460	1,192	1,180	1,424	842	1,396	1,244	893	789	945	1,922	3,725	2,351	2,520
HealthStar	-	-	1,125	1,014	593	1,509	1,540	2,079	1,329	1,855	2,176	1,283	2,066	966	815	946	1,077	2,488
nursing search sets	2,396	1,247	939	1,078	558	1,200	2,205	2,244	1,144	2,433	3,135	1,779	2,366	2,078	1,612	1,541	1,075	2,828

Details: Current Contents

Current Contents total	520	543	399	381	483	458	483	391	398	552	522	514	554	494	454	491	428	428
Biomed database	434	470	336	336	410	399	437	329	335	474	460	457	473	429	395	434	368	368
Scitec database	86	73	63	45	73	59	46	62	63	78	62	57	81	65	59	57	60	60

Medical Center Web usage report

Top 10 pages accessed by Yale users

<u>this month</u>	<u>last month</u>
Medical Center	Medical Library
Medical Library	Medical Center
MedMenu	Server search
Server search	School of Medicine
School of Medicine	Medical Library's Internet search page
Desktop Support	Medical Library's other Yale sites page
Academic departments page	Academic departments page
MedMenu's alphabetical list of resources	MedMenu's alphabetical list of resources
Index of all pages	Index of all pages
Medical Library's health sciences Internet resources	Medical Administrative Systems

Top 10 pages accessed by external users

<u>this month</u>	<u>last month</u>
C/AIM style manual	C/AIM style manual
Server search	Medical Center page
School of Medicine	School of Medicine page
Medical Center page	Server search
School of Medicine's admissions viewbook	School of Medicine's admissions viewbook
Medical Library	Medical Library
Child Study Center's Autism/PDD Clinic	Child Study Center's Autism/PDD Clinic
Yale Journal of Biology and Medicine	Academic departments page
Academic departments page	Yale Journal of Biology and Medicine
Epidemiology & Public Health	Epidemiology & Public Health

	<u>Jun-95</u>	<u>Jul-95</u>	<u>Aug-95</u>	<u>Sep-95</u>	<u>Oct-95</u>	<u>Nov-95</u>	<u>Dec-95</u>	<u>Jan-96</u>	<u>Feb-96</u>	<u>Mar-96</u>	<u>Apr-96</u>	<u>May-96</u>	<u>Jun-96</u>	<u>Jul-96</u>	<u>Aug-96</u>	<u>Sep-96</u>
Server total	116,454	138,064	107,483	123,985	161,237	156,114	148,897	176,546	180,348	195,382	200,197	218,039	213,995	243,844	223,670	240,165

Details

Medical Center	4,436	3,622	3,167	4,097	5,176	6,449	5,762	6,749	7,716	8,081	8,906	8,403	6,703	6,437	7,069	8,602
Yale-New Haven Hospital	329	512	772	1,085	1,032	1,084	577	773	819	892	880	1,142	675	811	804	844
School of Medicine	1,563	2,819	3,025	3,555	3,724	3,725	2,733	2,848	2,622	2,917	3,227	3,760	3,442	3,502	3,165	3,906
School of Nursing	-	-	-	-	-	-	-	-	-	-	-	213	332	284	358	448
Academic Departments*																
Anesthesiology	-	-	-	-	-	-	122	231	252	213	234	206	181	203	192	238
Boyer Center for Molecular Medicine	162	260	341	160	143	150	147	166	214	173	186	195	231	224	182	188
Cancer Center	-	-	-	-	-	-	-	16	59	166	263	491	257	303	280	269
Cell Biology	-	-	210	525	551	587	495	560	458	396	311	291	247	268	289	319
Cellular & Molecular Physiology	-	25	51	35	143	169	146	121	140	119	126	310	119	164	149	135
Child Study Center	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Comparative Medicine	-	-	-	-	-	-	-	-	-	-	24	42	27	35	38	38
Dermatology	-	-	-	-	-	-	-	-	113	208	240	396	326	315	335	364
Diagnostic Radiology	-	-	-	-	-	140	246	215	165	178	162	233	204	273	233	350
Epidemiology & Public Health	-	-	-	-	-	-	498	756	799	910	982	962	789	970	976	1,127
Genetics	19	190	191	157	148	232	415	315	512	448	383	268	192	217	212	250
History of Medicine	-	-	-	-	-	-	-	-	-	-	48	78	73	66	67	67
Immunobiology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal Medicine	-	-	-	-	-	-	-	46	156	233	236	172	163	205	214	214
Laboratory Medicine	-	-	-	-	-	-	-	-	-	-	95	56	43	51	73	76
Neurobiology	-	-	-	-	-	147	137	164	175	274	291	399	298	361	364	430
Neurology	159	151	162	210	241	238	188	215	226	191	175	176	151	165	157	199
Neuroscience Program	-	-	-	-	-	-	-	-	-	-	-	-	62	64	66	50
Obstetrics & Gynecology	-	-	-	-	57	62	64	76	73	108	151	139	134	295	262	232
Ophthalmology	186	281	379	336	354	394	396	369	494	411	380	359	346	325	336	352
Orthopaedics & Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	47	46	56	56	71
Pathology	-	-	-	-	-	-	-	-	63	237	398	380	303	358	364	378
Pediatrics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
Pharmacology	57	112	157	163	145	144	98	156	142	120	119	176	117	130	167	152
Physician Associate Program	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	92
Psychiatry	290	640	434	605	596	689	585	716	715	656	605	598	458	571	574	574
Surgery	-	-	-	-	-	130	116	143	184	137	166	167	130	166	145	218
Therapeutic Radiology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

*Molecular Biochemistry & Biophysics and the Center for Medical Informatics are not listed because they reside on other servers.

	<u>Jun-95</u>	<u>Jul-95</u>	<u>Aug-95</u>	<u>Sep-95</u>	<u>Oct-95</u>	<u>Nov-95</u>	<u>Dec-95</u>	<u>Jan-96</u>	<u>Feb-96</u>	<u>Mar-96</u>	<u>Apr-96</u>	<u>May-96</u>	<u>Jun-96</u>	<u>Jul-96</u>	<u>Aug-96</u>	<u>Sep-96</u>
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Major resources

School's organizational chart	-	-	-	-	-	-	-	-	-	-	-	109	102	113	119	123
Computing page	-	-	-	-	-	-	23	74	161	198	153	191	202	200	191	192
Core research facilities page	-	-	-	-	-	-	-	44	72	113	151	132	120	153	184	229
Education page	-	-	-	-	-	-	-	100	174	173	255	284	311	321	237	303
Emerging Infections Information Network	-	-	-	-	-	-	-	-	931	889	1,295	1,094	843	774	701	728
Faculty Research Interests database	-	-	-	-	-	-	-	-	177	185	520	532	467	544	578	745
Medical Library	866	1,143	1,330	2,495	3,049	3,809	3,286	4,799	2,493	6,034	6,382	6,155	5,917	7,069	6,300	3,845
MedMenu	-	-	-	-	-	-	-	-	750	1,106	1,190	1,029	862	1,093	1,133	1,743
Research Affairs	-	-	-	-	-	-	-	200	334	403	338	257	278	306	276	348
School of Medicine application	432	500	399	607	491	186	131	169	183	165	252	448	968	830	596	586

Service departments																
Biomedical Computing Unit	184	128	129	200	173	217	193	196	184	218	218	315	182	220	217	237
Biomedical Communications	243	250	286	237	284	305	283	282	238	348	326	505	386	374	330	327
C/AIM	2,835	3,422	4,587	3,854	7,522	5,409	5,033	5,232	4,600	4,274	3,824	3,945	3,672	4,321	3,672	3,470
Center for Cell Imaging	-	-	-	222	231	249	166	217	184	160	172	174	170	145	153	153
Desktop Support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	442
Medical Administrative Systems	298	287	279	323	338	338	256	336	394	368	339	237	346	324	338	66
Systems Support	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46
Who connected																
Yale	-	6,628	9,133	12,474	15,217	19,324	16,176	23,709	24,089	29,723	33,575	39,920	31,991	31,991	33,882	44,518
other US educational institutions	-	32,876	22,586	26,616	31,984	32,697	24,983	31,536	33,167	32,973	34,193	36,967	37,703	40,093	35,350	39,017
US government & military	-	4,293	2,885	3,258	4,119	3,231	2,664	4,636	2,734	2,738	3,068	2,215	3,605	3,597	3,249	2,829
US commercial institutions	-	31,186	23,743	30,845	42,438	34,069	36,343	38,325	40,016	41,853	42,013	42,608	44,875	54,667	45,955	45,473
US non-profit organizations	-	1,974	1,925	1,390	1,987	1,762	1,698	2,039	2,064	2,265	2,616	1,971	2,064	2,318	2,123	1,986
Major online service providers	-	10,292	8,565	9,561	12,625	10,807	12,304	16,078	16,675	19,446	17,368	17,124	19,705	22,145	22,215	24,009
International	-	18,327	21,496	22,947	22,955	23,847	27,164	27,164	27,164	29,394	28,062	32,944	32,841	35,865	36,637	35,955
# of unique hosts connecting	-	16,080	14,839	18,813	23,278	23,608	22,838	26,887	27,295	28,973	29,708	32,140	31,955	35,609	35,256	37,682