

IAIMS Monthly Report

July 1996

Overall resource usage

<u>Type of application</u>	<u>this month</u>	<u>Jul-95</u>	<u>% change</u>
CINAHL	226	153	48%
Core Biomedical Collection	553	-	-
Current Contents	491	381	29%
Electronic mail (# messages sent)	309,517	-	-
messages per user per day	2.0	-	-
Health Planning & Administration	139	184	-24%
Medline	14,114	8,468	67%
searches per active user per month	6.3	-	-
Medical Center World Wide Web			
Medical Center home page	6,437	3622	78%
Hospital home page	811	512	58%
School of Medicine home page	3,502	2819	24%
Medical Library home page	7,069	1143	518%
MedInfo gopher	2,855	4,570	-38%

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

<u>Hospital</u>	<u>Schools of Medicine & Nursing</u>
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

<u>Type of application</u>	<u>Library NetMenu</u>			<u>Hospital NetMenu</u>			<u>Nursing NetMenu</u>		
	<u># of connections</u>	<u>this month</u>	<u>Jul-95 % change</u>	<u># of connections</u>	<u>this month</u>	<u>Jul-95 % change</u>	<u># of connections</u>	<u>this month</u>	<u>Jul-95 % change</u>
Medical Education		276	360 -23%		-	-		-	-
Bibliographic databases & search tools		6,989	7,006 0%		1,360	1477 -8%		128	86 49%
Full text & factual databases		367	426 -14%		2,105	1227 72%		6	1 500%
Grant & research information		16	103 -84%		-	-		0	6 -100%
Clinical assistance		15	72 -79%		51	37 38%		1	0 -
Email/news/networks		13,390	5,970 124%		5,928	3086 92%		155	59 163%
Word processing & utilities		424	274 55%		949	440 116%		-	-
Hospital information systems		-	-		22,043	8189 169%		-	-
Procedure recorders		-	-		351	176 99%		-	-
Total		21,477	14,211 51%		32,787	14,632 124%		290	152 91%
connections per workstation		826	677 22%		449	357 26%		290	152

Inventory of NetMenu workstations

<u>Location</u>	<u># of workstations</u>	
	<u>this month</u>	<u>Jul-95</u>
Libraries	26	23
Hospital	73	41
Total	99	64

Applications added to NetMenu this month

JCAHO Accreditation Manual
 (added to Hospital workstations)

Details for NetMenu Hospital usage

<u>Application</u>	<u>total # of connections</u>		
	<u>Jul-96</u>	<u>Jul-95</u>	<u>% change</u>
Hospital information systems	22043	8189	169%
CCSS	11273	4266	164%
ChartView	213	50	326%
Clinical laboratory	9947	3558	180%
Diagnostic Imaging	173	107	62%
EPIC	274	102	169%
Surgical Pathology	163	106	54%
Bibliographic databases and search tools	1360	1477	-8%
CINAHL	106	88	20%
Health Planning and Administration	33	60	-45%
MEDLINE	1128	1221	-8%
Yale Library Catalog (OPAC)	93	108	-14%
Word processing & utilities	949	440	116%
Clinical Workstation locations	93	-	-
Format disk	27	9	200%
Virus scan	12	18	-33%
Wordperfect	817	413	98%
Clinical assistance	51	37	38%
Coag Advisor	51	37	38%

<u>Application</u>	<u>total # of connections</u>		
	<u>Jul-96</u>	<u>Jul-95</u>	<u>% change</u>
Full text and factual databases	2105	1227	72%
Comprehensive Accreditation Manual	17	-	-
Delineation of Clinical Privileges	57	-	-
Harrison's	395	-	-
JCAHO Accreditation Manual	51	-	-
Little Brown Handbooks	194	301	-36%
Merck Manual	124	199	-38%
Micromedex	706	551	28%
New England Journal of Medicine	223	-	-
Red Book on Pediatric Infections	63	59	7%
Rosen's Emergency Medicine	109	-	-
STAT!-Reference	111	-	-
YNHH Physician Phone Book	55	117	-53%
Email/news/networks	5928	3086	92%
Biomed Email	797	750	6%
GroupWise Email	675	-	-
Internet access	4456	2336	91%
Procedure recorders	351	176	99%
Medicine	91	46	98%
Ob/Gyn	209	44	375%
Surgery	51	86	-41%

Details for NetMenu Medical Library usage

Application	total # of connections			Application	total # of connections			Application	total # of connections		
	Jul-96	Jul-95	% change		Jul-96	Jul-95	% change		Jul-96	Jul-95	% change
Bibliographic databases and search tools	6989	7006	0%	Full text and factual databases	367	426	-14%	Medical Education	276	360	-23%
AIDSLINE	28	60	-53%	AIDSTrials/AIDSDrugs/DIRLINE	3	12	-75%	Abdomen Quiz	10	-	-
Biosis	30	166	-82%	American Journal of Medicine	12	-	-	Anatomic Explorer	13	28	-54%
Books in Print	17	-	-	American Journal of Surgery	4	-	-	Anatomic Explorer CT	2	45	-96%
CINAHL	9	61	-85%	Annals of Internal Medicine	13	-	-	Animated Embryo	7	32	-78%
Current Contents	81	212	-62%	Archives of General Psychiatry	7	-	-	Brainstem	9	7	29%
ERIC	6	-	-	BMJ	7	-	-	Brainstorm	7	18	-61%
Eureka	7	-	-	Canadian Medical Association Journal	8	-	-	Breath sounds	7	9	-22%
Expanded Academic Index	15	76	-80%	Circulation	2	-	-	Cardiac Angio	10	0	-
Health Planning and Administration	6	31	-81%	Encyclopaedia Britannica	0	-	-	Cardiac Auscultation	12	9	33%
MEDLINE	4099	4058	1%	Faculty Research Interests database	25	-	-	Cardiac Echo	5	13	-62%
NLM Locator	2	-	-	FREIDA	61	107	-43%	Cardiac MRI	3	18	-83%
PsycINFO	100	267	-63%	GenBank	14	18	-22%	Cardiac Perfusion Imaging: SP	1	1	0%
Science Citation Index	101	181	-44%	History of Science & Technology	4	-	-	Cardiac Perfusion Imaging: PI	6	18	-67%
Search term lookup	5	23	-78%	Journal of Biological Chemistry	19	-	-	Cardiothoracic Image Quiz	4	4	0%
Yale Information Sources Directory	199	102	95%	Journal of Bone & Joint Surgery	2	-	-	Cardiothoracic Imaging	7	11	-36%
Yale Library Catalog (OPAC)	2284	1769	29%	Journal of Clinical Investigation	3	-	-	Cardiovascular System Module	0	-	-
				JAMA	5	-	-	Concise Atlas - Cardiothoracic	2	-	-
				Lancet	8	-	-	Concise Atlas - Chest	0	-	-
Email/news/networks	13390	5970	124%	Legislate	2	11	-82%	Embryo images	6	13	-54%
Biomed Email	5562	3434	62%	Micromedex	8	10	-20%	EPS Review	6	3	100%
Bulldog Access	12	-	-	MMWR	10	22	-55%	Extremities Quiz	2	-	-
MEDINFO (Yale-New Haven gopher)	0	500	-100%	Network Entrez	6	3	100%	Forebrain (Syracuse)	5	4	25%
NIH gopher	6	97	-94%	New England Journal of Medicine	11	-	-	Functional Anatomy of the Heart	0	-	-
Pantheon/Minerva	738	-	-	NEXIS	63	185	-66%	Gross Anatomy Review	8	23	-65%
World Wide Web	7072	139	4988%	OMIM/GDB	7	28	-75%	HARP (Histological Anatomy Review)	1	7	-86%
Yaleinfo	0	1800	-100%	OncoDisc	0	8	-100%	Head Quiz	5	-	-
				Pediatrics	6	-	-	Histology Quizbank	3	-	-
word processing & utilities (CRL)	424	274	55%	Phone Books	24	-	-	Histology Video Review	2	17	-88%
Epi Info	6	10	-40%	Science	24	-	-	HyperBRAIN	0	-	-
Excel for Windows	25	-	-	Scientific American Medicine Consult	9	22	-59%	HyperCELL	0	3	-100%
Format disk	13	10	30%	Yellow Pages	0	-	-	Hyperheart	5	4	25%
FTP for Windows	0	-	-					Interactive Brain Atlas	3	-	-
Health Risk Appraisal	2	1	100%	Grant and research information	16	103	-84%	Interactive Respiratory Physiology	1	-	-
Reconnect Printer	0	-	-	Annual grant deadlines	3	27	-89%	KINEMAGE	2	2	0%
Virus Scanner (F-PROT)	10	-	-	CT CRISP	7	39	-82%	Lazy Eye	0	4	-100%
Wordperfect for Windows	368	253	45%	IRIS	4	-	-	MacBaby	6	8	-25%
				NIH Guide to Grants & Contracts	2	37	-95%	Microbiology Quizbank	2	-	-
								Neuroanatomy Review	10	13	-23%
				Clinical assistance	15	72	-79%	Neuroatlas (Miles)	0	10	-100%
				Coag Advisor	0	34	-100%	Neuron Model: Tutorial	4	2	100%
				DXplain	3	-	-	Neuron Model: Current Clamp	8	4	100%
				NIH Consensus Development Statements	2	13	-85%	Neuron Model: Voltage Clamp	6	2	200%
				Physician Data Query (PDQ)	10	25	-60%	Pathology Quizbank	5	10	-50%
								Perineum Quiz	1	-	-
								PreTest (11 different fields)	12	-	-
								Superhead	6	6	0%
								Thorax Quiz	5	-	-
								Tutorial for Hypercell	0	1	-100%
								USMLE Step 1	15	-	-
								USMLE Step 2	42	-	-
								Virtual Heart	0	11	-100%

Overall usage for selected databases

	<u>Feb-95</u>	<u>Mar-95</u>	<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>
Summary																		
Current Contents	576	613	520	543	399	381	483	458	483	391	398	552	522	514	554	494	454	491
MEDLINE	9,313	10,244	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
Medical Center Web server	-	-	-	-	116,454	138,064	134,026	123,985	161,237	156,114	148,897	176,546	180,348	195,382	200,197	200,197	213,995	243,844
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
Yale biomedical gopher	4,646	5,516	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

Details: Medline

1966-75 search sets	4,300	5,363	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
1976-85 search sets	8,584	10,291	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
1986-89 search sets	19,562	25,238	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
1990-present search sets	62,281	67,323	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
Core Biomedical Collection search sets	-	-	-	-	-	-	460	1,192	1,180	1,424	842	1,396	1,244	893	789	945	1,922	3,725
nursing search sets	2,623	2,522	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
health planning search sets	-	-	-	-	1,125	1,014	593	1,509	1,540	2,079	1,329	1,855	2,176	1,283	2,066	966	815	946

Details: Current Contents

Current Contents total	576	613	520	543	399	381	483	458	483	391	398	552	522	514	554	494	454	491
Biomed database	482	539	434	470	336	336	410	399	437	329	335	474	460	457	473	429	395	434
Scitec database	94	74	86	73	63	45	73	59	46	62	63	78	62	57	81	65	59	57

Medical Center Web usage report

Top 10 pages accessed by Yale users

this month	last month
Medical Library	Medical Library
Medical Center page	Medical Center page
Server search	Server search
School of Medicine page	School of Medicine page
Medical Library's Internet search page	Medical Library's Internet search page
MedMenu	MedMenu
Medical Library's other Yale sites page	Medical Library's other Yale sites page
Health sciences Internet resources page	Medical Administrative Systems
Academic departments page	Academic departments page
Index of all pages	Health sciences Internet resources page

Top 10 pages accessed by external users

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

	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95	Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96
Server total	116,454	138,064	134,026	123,985	161,237	156,114	148,897	176,546	180,348	195,382	200,197	200,197	213,995	213,995

Details														
Medical Center	4,436	3,622	3,827	4,097	5,176	6,449	5,762	6,749	7,716	8,081	8,906	8,403	6,703	6,437
Yale-New Haven Hospital	329	512	896	1,085	1,032	1,084	577	773	819	892	880	1,142	675	811
School of Medicine	1,563	2,819	5,315	3,555	3,724	3,725	2,733	2,848	2,622	2,917	3,227	3,760	3,442	3,502
School of Nursing	-	-	-	-	-	-	-	-	-	-	-	213	332	284
Academic Departments*														
Anesthesiology	-	-	-	-	-	-	122	231	252	213	234	206	181	203
Boyer Center for Molecular Medicine	162	302	341	160	143	150	147	166	214	173	186	195	231	224
Cancer Center	-	-	-	-	-	-	-	16	59	166	263	491	257	303
Cell Biology	-	-	348	525	551	587	495	560	458	396	311	291	247	268
Cellular & Molecular Physiology	-	25	105	35	143	169	146	121	140	119	126	310	119	164
Child Study Center	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Comparative Medicine	-	-	-	-	-	-	-	-	-	-	24	42	27	35
Dermatology	-	-	-	-	-	-	-	-	113	208	240	396	326	315
Diagnostic Radiology	-	-	-	-	-	140	246	215	165	178	162	233	204	273
Epidemiology & Public Health	-	-	-	-	-	-	498	756	799	910	982	962	789	970
Genetics	19	190	191	157	148	232	415	315	512	448	383	268	192	217
History of Medicine	-	-	-	-	-	-	-	-	-	-	48	78	73	66
Immunobiology	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal Medicine	-	-	-	-	-	-	-	46	156	233	236	172	163	205
Laboratory Medicine	-	-	-	-	-	-	-	-	-	-	95	56	43	51
Neurobiology	-	-	-	-	-	147	137	164	175	274	291	399	298	361
Neurology	159	151	290	210	241	238	188	215	226	191	175	176	151	165
Neuroscience Program	-	-	-	-	-	-	-	-	-	-	-	-	62	64
Obstetrics & Gynecology	-	-	-	-	57	62	64	76	73	108	151	139	134	295
Ophthalmology	186	281	523	336	354	394	396	369	494	411	380	359	346	325
Orthopaedics & Rehabilitation	-	-	-	-	-	-	-	-	-	-	-	47	46	56
Pathology	-	-	-	-	-	-	-	-	63	237	398	380	303	358
Pediatrics	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pharmacology	57	112	191	163	145	144	98	156	142	120	119	176	117	130
Psychiatry	290	640	457	605	596	689	585	716	715	656	605	598	458	571
Surgery	-	-	-	-	-	130	116	143	184	137	166	167	130	166
Therapeutic Radiology	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

	Jun-95	Jul-95	Aug-95	Sep-95	Oct-95	Nov-95	Dec-95	Jan-96	Feb-96	Mar-96	Apr-96	May-96	Jun-96	Jul-96
Major resources														
School's organizational chart	-	-	-	-	-	-	-	-	-	-	-	109	102	113
Computing page	-	-	-	-	-	-	23	74	161	198	153	191	202	200
Core research facilities page	-	-	-	-	-	-	-	44	72	113	151	132	120	153
Education page	-	-	-	-	-	-	-	100	174	173	255	284	311	321
Emerging Infections Information Network	-	-	-	-	-	-	-	-	931	889	1,295	1,094	843	774
Faculty Research Interests database	-	-	-	-	-	-	-	-	177	185	520	532	467	544
Medical Library	866	1,143	1,748	2,495	3,049	3,809	3,286	4,799	2,493	6,034	6,382	6,155	5,917	7,069
MedMenu	-	-	-	-	-	-	-	-	750	1,106	1,190	1,029	862	1,093

Research Affairs	-	-	-	-	-	-	-	200	334	403	338	257	278	306
School of Medicine application	432	500	399	607	491	186	131	169	183	165	252	448	968	830
Service departments														
Biomedical Computing Unit	184	128	129	200	173	217	193	196	184	218	218	315	182	220
Biomedical Communications	243	359	286	237	284	305	283	282	238	348	326	505	386	374
C/AIM	2,835	4,884	4,587	3,854	7,522	5,409	5,033	5,232	4,600	4,274	3,824	3,945	3,672	4,321
Center for Cell Imaging	-	-	-	222	231	249	166	217	184	160	172	174	170	145
Medical Administrative Systems	298	287	290	323	338	338	256	336	394	368	339	237	346	324
Who connected														
Yale	-	6,628	8,684	12,474	15,217	19,324	16,176	23,709	24,089	29,723	33,575	39,920	31,991	31,991
other US educational institutions	-	32,876	26,683	26,616	31,984	32,697	24,983	31,536	33,167	32,973	34,193	36,967	37,703	40,093
US government & military	-	4,293	3,333	3,258	4,119	3,231	2,664	4,636	2,734	2,738	3,068	2,215	3,605	3,597
US commercial institutions	-	31,186	28,106	30,845	42,438	34,069	36,343	38,325	40,016	41,853	42,013	42,608	44,875	54,667
US non-profit organizations	-	1,974	2,352	1,390	1,987	1,762	1,698	2,039	2,064	2,265	2,616	1,971	2,064	2,318
Major online service providers	-	10,292	10,302	9,561	12,625	10,807	12,304	16,078	16,675	19,446	17,368	17,124	19,705	22,145
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
# of unique hosts connecting	-	16,080	15,823	18,813	23,278	23,608	22,838	26,887	27,295	28,973	29,708	32,140	31,955	35,609