

Information Technology Services - Medicine

Monthly Report

July 1998

Highlights and milestones

- The monthly report was re-designed to reflect the Remedy redesign.
- The annual Medical Center library and computing survey was completed.
 - More than 50% of the Medical Center uses computers for word processing, electronic mail, MEDLINE, the Internet, Orbis, preparing presentations, locating information on a particular research question, analyzing research data, electronic journals, remote access, medical education software, Current Contents, and as an organizational tool.
 - An estimated 70% (+/-4%) of the Schools of Medicine and Nursing faculty, staff and students own their own computer.
 - The most useful resources were word processors, electronic mail, MEDLINE, external Web resources, and remote access, which respondents felt were significantly more useful than other resources. MicroMedex was rated as significantly less useful than other resources.
 - Forty-five percent of faculty, staff, and students have used the ITS-Med Help Desk (45%).
 - Two-thirds of respondents said they receive more value from computing resources than last year, compared with 3% who said they receive less.
- Turnaround time was most often met for work orders of normal priority (met 90% of the time) and for problem

**Information Technology-Medicine Monthly Report
July 1998**

| Applications | Background information | | | Hospital | Schools of Medicine & Nursing |
|------------------------------------|-------------------------------|---------------|-----------------|-----------------|--|
| <u>Type of application</u> | <u>this month</u> | <u>Jul-97</u> | <u>% change</u> | | |
| AS/400 applications | 14,459 | 11,815 | - | 2,200 | 6,800 |
| CINAHL | 361 | 295 | 22% | 1,000 | 5,492 |
| Biosis | 559 | 1,241 | - | 1,575 | 4,400 |
| Clinical Reporting System (CRS) | 314 | 490 | -36% | - | 1,278 |
| accesses per user per month | 5 | 7 | -23% | - | 1,118 |
| Current Contents | 1,281 | 3,777 | -66% | 440 | 1,127 |
| Electronic mail (# messages sent)* | 772,938 | 384,559 | 101% | 3,526 | 2,267 |
| messages per user per day | 4.7 | 2 | 135% | 1,659 | - |
| HealthSTAR | 156 | 254 | -39% | 900 | - |
| MEDLINE | 15,387 | 17,333 | -11% | | |
| searches per active user per month | 5.2 | 7 | -24% | | |
| Psychinfo | 925 | | | | |
| Medical Center World Wide Web | | | | | |
| Medical Center home page | 84,028 | 48,644 | 73% | | |
| Hospital home page | 4,183 | 1,902 | 120% | | |
| School of Medicine home page | 12,300 | 10,087 | 22% | | |
| Medical Library home page | 11,647 | 15,641 | -26% | | |

*Usage for email.med.yale.edu and estimated usage within MS Mail post offices was added to total usage as of 8/97.

| Help Desk calls | change from this month last month | Work orders | change from this month last month | Turnaround met this month last month |
|--------------------------------------|--|-----------------------------------|--|---|
| Total calls | 2,533 -24% | Work orders added | 1323 | - |
| Calls generating work orders | 12% | Work orders completed | 946 | - |
| Calls per day | 121 | Billable work orders | 85.5% | - |
| % of ITS-Med clients using Help Desk | 41% | Tasks added | 1396 | - |
| # of callers | 1,279 | Tasks completed | 1180 | 84% |
| # of Yale affiliates using Web page | 667 | Normal priority | 751 | 90% |
| <u>Call source</u> | | Emergency priority | 289 | 69% |
| phone | 92.0% | Unsupported priority | - | - |
| email | 0.8% | Problem reports | 392 | 92% |
| answering service | 7.0% | New services | 353 | 80% |
| <u>Types of calls</u> | | Service cancellations | 94 | 88% |
| Call from staff | 44 | | | |
| Call transfer | 327 | Network installations | change from this month last month | |
| Complaint | 12 | # of new circuits ordered | 165 | 293% |
| Compliment | 3 | # completed | 15 | -48% |
| Follow-up to existing order | 83 | # open orders | 143 | 63% |
| Information request | 536 | waiting for Telecomm | 48 | 153% |
| New service | 57 | waiting for Desktop Support | 95 | 38% |
| Other | 187 | median days from order to install | 32 | -18% |
| Problem report | 1144 | days for Telecom install | 10 | -38% |
| Service cancellation | 18 | days for Desktop Support install | 22 | -8% |
| Status inquiry | 122 | | | |

| NetMenu workstations | Library | | | Hospital NetMenu | | |
|----------------------------------|-------------------------|-----------------|-----------------|-------------------------|---------------|-----------------|
| | # of connections | | | # of connections | | |
| <u>Type of application</u> | <u>this month</u> | <u>7/1/1997</u> | <u>% change</u> | <u>this month</u> | <u>Jul-97</u> | <u>% change</u> |
| Total | 28,067 | 30,813 | -9% | 41,317 | 37,533 | 10% |
| connections per workstation | - | - | - | 379 | 361 | 5% |
| connections from Library | 79% | | | | | |
| connections from outside Library | 21% | | | | | |

Overall usage for selected databases

| | <u>Jul-97</u> | <u>Aug-97</u> | <u>Sep-97</u> | <u>Oct-97</u> | <u>Nov-97</u> | <u>Dec-97</u> | <u>Jan-98</u> | <u>Feb-98</u> | <u>Mar-98</u> | <u>Apr-98</u> | <u>May-98</u> | <u>Jun-98</u> | <u>Jul-98</u> |
|---------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Summary | | | | | | | | | | | | | |
| AS/400 applications | 11,815 | 8,173 | 10,164 | 10,696 | 8,299 | 7,127 | 10,249 | 8,984 | 9,831 | 9,730 | 9,772 | 12,915 | 14,459 |
| Clinical Reporting System (CRS) | 490 | 495 | 597 | 578 | 516 | 484 | 595 | 511 | 555 | 500 | 449 | 561 | 314 |
| OVID sessions | 17,333 | 14,301 | 17,676 | 18,707 | 17,768 | 14,468 | 18,931 | 19,258 | 20,620 | 20,905 | 15,843 | 16,120 | 16,859 |
| Medical Center Web server | 682,546 | 705,680 | 768,257 | 921,490 | 827,327 | 733,452 | 954,720 | 974,557 | 1,072,451 | 1,052,005 | 997,452 | 1,011,068 | 1,002,890 |
| Electronic mail messages sent | 384,559 | 546,536 | 690,176 | 866,832 | 764,292 | 667,759 | 788,285 | 883,649 | 875,834 | 1,103,450 | 949,851 | 777,328 | 772,938 |

Details: AS/400 applications

| | | | | | | | | | | | | | |
|-----------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Animal Care and Use Committee | 142 | 107 | 90 | 117 | 78 | 41 | 93 | 80 | 107 | 70 | 137 | 129 | 83 |
| Business Management Systems | 13 | 64 | 81 | 84 | 73 | 56 | 84 | 79 | 76 | 96 | 70 | 123 | 115 |
| Clinical G/L Interface | - | 4 | 15 | 9 | 6 | 9 | 7 | 3 | 0 | 10 | 8 | 23 | 26 |
| Clinical Information | 26 | 3 | 1 | 4 | 6 | 1 | 7 | 1 | 7 | 2 | 11 | 3 | 3 |
| Clinical Information - Reports | - | - | 5 | 5 | 2 | 2 | 3 | 2 | 0 | 3 | 4 | 4 | 3 |
| Diagnostic Laboratory | 379 | 174 | 298 | 281 | 297 | 194 | 226 | 232 | 272 | 287 | 355 | 259 | 350 |
| Graduate and Continuing Education | - | 46 | 66 | 64 | 49 | 52 | 60 | 53 | 60 | 64 | 3 | 69 | 65 |
| Grants and Contracts | 92 | 225 | 324 | 389 | 315 | 311 | 402 | 385 | 316 | 291 | 70 | 325 | 388 |
| Grants and Contracts - Reports | - | 38 | 83 | 19 | 57 | 37 | 59 | 38 | 13 | 15 | 54 | 18 | 10 |
| Human Investigation Committee | - | 74 | 109 | 84 | 93 | 70 | 75 | 89 | 91 | 86 | 39 | 82 | 69 |
| Human Resources (CHR) - Inquiry | - | 106 | 88 | 69 | 76 | 49 | 38 | 31 | 50 | 34 | 252 | 55 | 68 |
| Human Resources (CHR) - Merit | - | 62 | 51 | 21 | 43 | 15 | 45 | 24 | 19 | 340 | 1,988 | 1,209 | 301 |
| Human Resources (CHR) - Reports | - | 4 | 11 | | 5 | 4 | 6 | 3 | 7 | 31 | 74 | 27 | 12 |
| Human Resources - General | - | 58 | 61 | 107 | 83 | 80 | 94 | 78 | 64 | 44 | 61 | 52 | 35 |
| Human Resources - Inquiry | - | 2,029 | 2,525 | 2,805 | 2,157 | 1,890 | 2,806 | 2,623 | 2,694 | 2,688 | 1,861 | 3,468 | 4,072 |
| Human Resources - Profiles | - | 3,641 | 4,325 | 4,975 | 3,376 | 3,185 | 4,820 | 3,753 | 4,400 | 4,052 | 3,415 | 5,699 | 7,614 |
| Human Resources - Reports | - | 140 | 179 | 218 | 231 | 140 | 312 | 310 | 262 | 244 | 253 | 178 | 188 |
| Internal Medicine | - | 12 | 34 | 36 | 53 | 90 | 74 | 27 | 4 | 1 | 0 | 6 | 19 |
| MED5 - Reports | - | 6 | 2 | 3 | 11 | 0 | 1 | 2 | 1 | 1 | 0 | 1 | 2 |
| Physician Associates Program | - | - | - | 3 | 47 | 43 | 27 | 55 | 14 | 21 | 16 | 3 | 5 |
| Space Inventory System | 82 | 232 | 264 | 66 | 61 | 45 | 41 | 23 | 39 | 29 | 64 | 23 | 15 |
| Student Research | - | 1 | 28 | 50 | 4 | 3 | 43 | 32 | 44 | 1 | 0 | 57 | 7 |
| Student Systems | - | 481 | 518 | 524 | 502 | 373 | 404 | 464 | 516 | 455 | 21 | 484 | 409 |
| Support Services | 408 | 216 | 233 | 151 | 177 | 78 | 93 | 97 | 140 | 148 | 386 | 137 | 175 |
| System Administration | - | 317 | 450 | 270 | 242 | 100 | 128 | 229 | 245 | 441 | 537 | 213 | 100 |
| Yale Animal Resource Center | 48 | 99 | 310 | 318 | 252 | 234 | 259 | 233 | 324 | 236 | 51 | 262 | 323 |
| Other/Miscellaneous | 7,330 | 34 | 13 | 24 | 3 | 25 | 42 | 38 | 66 | 40 | 42 | 6 | 2 |

Details: Electronic mail

| | | | | | | | | | | | | | |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|
| Electronic mail total* | 384,559 | 546,536 | 690,176 | 866,832 | 764,292 | 667,759 | 788,285 | 883,649 | 875,834 | 1,103,450 | 949,851 | 777,328 | 772,938 |
| PMDF | 384,559 | 430,538 | 566,019 | 678,025 | 606,806 | 506,077 | 570,473 | 653,982 | 633,034 | 800,676 | 678,282 | 600,109 | 600,849 |
| email.med.yale.edu | - | 115,998 | 124,157 | 188,807 | 157,486 | 161,682 | 217,812 | 229,667 | 242,800 | 302,774 | 271,569 | 177,219 | 172,089 |

*Usage for email.med.yale.edu and estimated usage within MS Mail post offices was added to total usage as of 8/97.

Details: OVID

| | | | | | | | | | | | | | |
|--------------------------------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|-------|-------|
| Biosis | | | | | | | | | | | | | 559 |
| CINAHL | | | | | | | | | | | | | 194 |
| Compendex | | | | | | | | | | | | | 158 |
| Current Contents | | | | | | | | | | | | | 1,281 |
| Full-Text Journal Collections | | | | | | | | | | | | | 3,028 |
| HAPI | | | | | | | | | | | | | 35 |
| HealthStar | | | | | | | | | | | | | 285 |
| MEDLINE, current segment | | | | | | | | | | | | | 8,172 |
| MEDLINE back files | | | | | | | | | | | | | 7,215 |
| PsychInfo | | | | | | | | | | | | | 925 |
| access method: telnet sessions | 12,688 | 10,283 | 12,412 | 12,453 | 11,007 | 8,985 | 11,239 | 10,584 | 10,850 | 9,938 | 7,597 | 7,330 | 6,909 |
| access method: Web sessions | 4,323 | 3,731 | 4,864 | 5,863 | 6,503 | 5,205 | 7,367 | 8,272 | 9,486 | 10,760 | 7,826 | 8,181 | 9,361 |
| access method: Z39.50 | 327 | 296 | 407 | 396 | 261 | 283 | 331 | 407 | 297 | 218 | 432 | 628 | 591 |

Medical Center Web usage report, July 1998

Top 10 pages accessed by Yale users

| <u>this year</u> | <u>last year</u> |
|---|--|
| Medical Center | Medical Center |
| MedMenu | Medical Library |
| Medical Library | MedMenu |
| School of Medicine | School of Medicine |
| Medical Library's Internet search page | Medical Library's Internet search page |
| Computer Resource Lab | Desktop Support |
| Desktop Support | Server search |
| Keck DNA sequencing database | Scientific Affairs and Grant & Contract Administration |
| Medical Library's Selected Internet Resources | Medical Library's Selected Internet Resources |
| Child Study Center | Medical Library's other Yale sites page |

Top 10 pages accessed by external users

| <u>this year</u> | <u>last year</u> |
|---|---|
| Center for Advanced Instructional Media | Center for Advanced Instructional Media |
| Medical Center page | School of Medicine |
| School of Medicine's admissions viewbook | Medical Center page |
| School of Medicine | School of Medicine's admissions viewbook |
| Yale-New Haven Hospital Clinical Workstation | Medical Library |
| Medical Library | Academic departments page |
| Server search | Child Study Center's Autism/PDD Clinic |
| Academic departments page | Yale-New Haven Hospital |
| MedMenu | Epidemiology & Public Health |
| Medical Library's Selected Internet Resources | Medical Library's Selected Internet Resources |

Note: A disk space shortage destroyed the usage data for 7/26-7/31. Usage is estimated based on the 7/1-7/25.

| | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> | | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> |
|--|------------------|----------------|-----------------|-------------------------------------|---------------|---------------|-----------------|
| Server total | 1,002,890 | 682,546 | 47% | Academic Departments** | | | |
| Who connected | | | | Anesthesiology | 334 | 398 | -16% |
| Yale | 294,343 | 137,228 | 114% | BBS | 1,192 | 762 | 56% |
| other US educational institutions | 98,844 | 80,369 | 23% | Boyer Center for Molecular Medicine | 713 | 635 | 12% |
| US government & military | 12,164 | 10,099 | 20% | Cancer Center | 951 | 608 | 56% |
| US commercial institutions | 186,189 | 149,396 | 25% | Cell Biology | 725 | 785 | -8% |
| US non-profit organizations | 12,720 | 6,845 | 86% | Cellular & Molecular Physiology | 339 | 313 | 8% |
| Major online service providers | 107,780 | 74,287 | 45% | Child Study Center | 1,766 | 535 | 230% |
| International | 117,339 | 98,489 | 19% | Comparative Medicine | 132 | 106 | 24% |
| # of unique hosts connecting | 87,814 | 67,448 | 30% | Dermatology | 968 | 502 | 93% |
| | | | | Diagnostic Radiology | 620 | 626 | -1% |
| Medical Center | 84,028 | 48,644 | 73% | Epidemiology & Public Health | 2,579 | 1823 | 41% |
| Yale-New Haven Hospital | 4,183 | 1,902 | 120% | Genetics | 638 | 493 | 29% |
| School of Medicine | 12,300 | 10,087 | 22% | History of Medicine | 186 | 96 | 93% |
| School of Nursing | 1,187 | 788 | 51% | Immunobiology | 486 | 352 | 38% |
| Major resources | | | | Internal Medicine | 688 | 454 | 51% |
| Admissions, School of Medicine | 792 | 951 | -17% | Laboratory Medicine | 320 | 369 | -13% |
| Computing page | 960 | 711 | 35% | Neurobiology | 693 | 541 | 28% |
| Core research facilities page | 274 | 201 | 36% | Neurology | 693 | 402 | 72% |
| Education page | 282 | 238 | 19% | Neuroscience Program | 374 | 360 | 4% |
| Emerging Infections Information Network | 1,162 | 1,923 | -40% | Neurosurgery | 255 | 132 | 93% |
| Find a person | 2,194 | - | - | Obstetrics & Gynecology | 433 | 235 | 84% |
| Find a physician | 835 | - | - | Ophthalmology | 589 | 475 | 24% |
| Medical Library | 11,647 | 15,641 | -26% | Orthopaedics & Rehabilitation | 212 | 175 | 21% |
| MedMenu | 39,869 | 7391 | 439% | Pathology | 1,171 | 879 | 33% |
| Mission: Community Service | 223 | - | - | Pediatrics | 633 | 274 | 131% |
| Mission: Education | 852 | - | - | Pharmacology | 491 | 328 | 50% |
| Mission: Patient Care | 339 | - | - | Physician Associate Program | 1,081 | 705 | 53% |
| Mission: Research | 1,007 | - | - | Psychiatry | 1,082 | 789 | 37% |
| Scientific Affairs and Grant & Contract Administration | 776 | 1,271 | -39% | Surgery | 154 | 333 | -54% |
| Yale Faculty Practice | 756 | 542 | 39% | Therapeutic Radiology | 110 | 75 | 47% |
| Service departments | | | | | | | |
| Biomedical Communications | 309 | 396 | -22% | | | | |
| C/AIM | 4,897 | 4,520 | 8% | | | | |
| Center for Cell Imaging | 443 | 353 | 26% | | | | |
| Copy Center | 120 | 58 | 108% | | | | |
| Desktop Support | 2,078 | 1614 | 29% | | | | |
| Help Desk | 103 | 202 | -49% | | | | |
| Systems Support | 251 | 172 | 46% | | | | |

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

Details for NetMenu Medical Library usage

July-98

| <u>Application</u> | <u>total # of connections</u> | | | <u>Application</u> | <u>total # of connections</u> | | | <u>Application</u> | <u>total # of connections</u> | | |
|---|-------------------------------|---------------|-----------------|--|-------------------------------|---------------|-----------------|------------------------------------|-------------------------------|---------------|-----------------|
| | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> | | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> | | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> |
| Bibliographic databases and search tools | 13,504 | 8,211 | 64% | Full text and factual databases | 2,181 | 251 | 769% | Medical Education | 317 | 333 | -5% |
| AIDSLINE | 12 | 6 | 100% | Bioethicsline | 13 | - | - | Abdomen Quiz | 5 | 23 | -78% |
| Biosis | 25 | 33 | -24% | Biography Index | 10 | - | - | Anatomic Explorer | 4 | 14 | -71% |
| Books in Print | 88 | 9 | 878% | Britannica Online | 37 | 7 | 429% | Anatomic Explorer CT | 0 | 2 | -100% |
| CINAHL | 26 | 6 | 333% | Cancermet | 14 | - | - | Animated Embryo | 2 | 7 | -71% |
| Cochrane | 24 | - | - | Cochrane | 11 | - | - | Brainstem | 0 | 9 | -100% |
| Current Contents | 35 | 33 | 6% | Compendex | 19 | - | - | Brainstem Quiz | 0 | 5 | -100% |
| Dissertation Abstracts | 11 | - | - | Congressional Compass | 9 | - | - | Brainstorm | 2 | 4 | -50% |
| ERIC | 10 | 7 | 43% | Current Diagnoses | 74 | - | - | Breath sounds | 0 | 11 | -100% |
| Eureka | 20 | 7 | 186% | Electronic Journals | 1,061 | 7 | 15057% | Cardiac Angio | 1 | 3 | -67% |
| Expanded Academic Index | 3 | 13 | -77% | Faculty Research Interests database | 39 | 27 | 44% | Cardiac Auscultation | 1 | 10 | -90% |
| HAPI | 27 | 3 | 800% | FEDIX | 7 | - | - | Cardiac Echo | 2 | 6 | -67% |
| HISTLINE | 39 | 0 | - | FREIDA | 75 | 41 | 83% | Cardiac MRI | 0 | 2 | -100% |
| Law Library Catalog | 9 | - | - | GDB | 6 | - | - | Cardiac Perfusion Imaging: SP | 2 | 0 | - |
| MEDLINE | 9,367 | 5,532 | - | GenBank | 10 | 0 | - | Cardiac Perfusion Imaging: PI | 0 | 0 | - |
| MedMenu | 160 | - | - | Grant Resources | 8 | - | - | Cardiothoracic Image Quiz | 3 | 10 | -70% |
| NLM Locator | 20 | 0 | - | Harrison's | 88 | - | - | Cardiothoracic Imaging | 0 | 5 | -100% |
| NTIS | 7 | - | - | HealthSTAR | 25 | - | - | Concise Atlas - Cardiothoracic | 1 | 0 | - |
| OSH-ROM | 1 | - | - | History of Science & Technology | 5 | 13 | -62% | Concise Atlas - Chest | 0 | 1 | -100% |
| Periodicals Contents Index | 14 | - | - | HSTAT | 10 | - | - | Concise Atlas - Extremities | 0 | 1 | -100% |
| Phone Books | 12 | - | - | ICD-9 | 9 | - | - | Concise Atlas - Head & Neck | 0 | 0 | - |
| POPLINE | 10 | - | - | INSPEC | 14 | - | - | Course Evaluations | 8 | - | - |
| PsychINFO | 50 | 114 | -56% | Internet Grateful Med | 10 | - | - | Cranial Nerves | 0 | 3 | -100% |
| PubMed (NCBI) | 122 | - | - | LEXIS-NEXIS | 111 | - | - | Educational Software | 157 | - | - |
| Science Citation Index | 78 | 66 | 18% | Library (Medical) | 2 | - | - | Embryo images | 5 | 15 | -67% |
| Sociofile | 2 | - | - | Material Safety Data Sheets | 10 | - | - | EPS Review | 0 | 4 | -100% |
| Web-of-Science | 58 | - | - | Medical Letter on Drugs and Therap. | 9 | - | - | Extremities Quiz | 0 | 7 | -100% |
| WilsonWeb | 36 | - | - | Merck Manual | 48 | - | - | Forebrain (Syracuse) | 0 | 4 | - |
| Yale Library Catalog (OPAC) | 3,238 | 2,293 | 41% | Micromedex | 69 | 5 | 1280% | Functional Anatomy of the Heart | 8 | - | - |
| Email/news/networks | 11,896 | 21,518 | -45% | Network Entrez | 8 | 1 | 700% | Gross Anatomy Review | 5 | 9 | -44% |
| Biomed Email | 7,189 | 6,030 | 19% | New England Journal of Medicine | 31 | 7 | 343% | HARP (Histological Anatomy Review) | 0 | 2 | -100% |
| Bulldog Access | 31 | 25 | 24% | NEXIS/LEXIS | 190 | 40 | 375% | Head and Neuroanatomy Quiz | 0 | 10 | -100% |
| Selected Internet Resources (SIR) | 805 | 0 | - | OMIM | 12 | 10 | - | Head Quiz | 1 | 4 | - |
| Pantheon/Minerva | 3,858 | 3,217 | 20% | Patent Search | 13 | - | - | Histology Quizbank | 3 | 1 | 200% |
| World Wide Web | 0 | 12,231 | -100% | ProQuest-Direct | 17 | - | - | Histology Video Review | 0 | 2 | -100% |
| YAXIS | 13 | - | - | Residents' Reprints | 8 | - | - | HyperBRAIN | 0 | - | - |
| Word processing & utilities (CRL) | 4 | 480 | - | Stat!Ref | 34 | - | - | HyperCELL | 0 | 2 | -100% |
| Course evaluations | 4 | - | - | TOXNET | 12 | - | - | Hyperheart | 0 | 6 | -100% |
| Wordperfect for Windows | - | 425 | - | Williams-Obstetrics | 6 | - | - | Interactive Brain Atlas | 4 | 11 | -64% |
| Grant and research information | 72 | 13 | 454% | Yale Faculty Research Interests | 47 | - | - | Interactive Histology | 0 | 0 | - |
| AIDSLINE/Drugs/Trials | 11 | - | - | Clinical assistance | 93 | 7 | 1229% | Interactive Respiratory Physiology | 0 | 3 | -100% |
| Community of Science | 12 | 4 | 200% | Clinical Laboratory | 16 | - | - | KINEMAGE | 0 | 2 | -100% |
| CT CRISP | 11 | 0 | - | Diagnostic Imaging | 13 | - | - | Lazy Eye | 1 | 5 | -80% |
| IRIS | 13 | 8 | 63% | EPIC | 8 | - | - | MacBaby | 1 | 6 | -83% |
| NIH Guide to Grants & Contracts | 25 | - | - | Formulary Catalog | 18 | - | - | Microbiology Quizbank | 1 | 2 | -50% |
| | | | | Infection Control Manual | 10 | 6 | 67% | Microbiology VideoIndex | 1 | - | - |
| | | | | Physician Data Query (PDQ) | 12 | - | - | Neuroanatomy Review | 0 | 6 | -100% |
| | | | | Surgical Pathology | 16 | - | - | Neuroatlas | 0 | - | - |
| | | | | | | | | Neuron Model: Tutorial | 0 | 2 | - |
| | | | | | | | | Neuron Model: Current Clamp | 0 | 0 | - |
| | | | | | | | | Neuron Model: Voltage Clamp | 1 | 0 | - |
| | | | | | | | | Pathology Quizbank | 14 | 1 | 1300% |
| | | | | | | | | Perineum Quiz | 2 | 4 | -50% |
| | | | | | | | | PreTest (7 different fields) | 31 | 9 | 244% |
| | | | | | | | | Superhead | 0 | 4 | -100% |
| | | | | | | | | Thorax Quiz | 1 | 5 | -80% |
| | | | | | | | | USMLE Step 1 | 5 | 32 | -84% |
| | | | | | | | | USMLE Step 2 | 41 | 59 | -31% |
| | | | | | | | | Wheatler's Interactive Histology | 1 | 0 | - |

**Details for NetMenu Hospital usage
July-98**

| <u>Application</u> | <u>total # of connections</u> | | |
|---|-------------------------------|---------------|-----------------|
| | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> |
| Hospital information systems | 22,940 | 21,867 | 5% |
| CCSS | 11,881 | 11,581 | 3% |
| ChartView | 1,189 | 480 | 148% |
| Clinical laboratory | 8,639 | 8,736 | -1% |
| Diagnostic Imaging | 108 | 185 | -42% |
| EPIC | 539 | 673 | -20% |
| Electronic Signature (ESA) | 519 | - | - |
| Surgical Pathology | 65 | 212 | -69% |
| Bibliographic databases and search tools | 888 | 1,422 | -38% |
| CINAHL | 92 | 82 | 12% |
| Health Planning and Admin. | 51 | 34 | - |
| HealthSTAR-OVID | 0 | - | - |
| MEDLINE | 676 | 1,231 | -45% |
| Yale Library Catalog (OPAC) | 69 | 75 | -8% |
| Word processing & utilities | 1,417 | 1,292 | 10% |
| Clinical Workstation locations | 80 | 70 | 14% |
| Format disk | 20 | 32 | -38% |
| Virus scan | 27 | 27 | 0% |
| Wordperfect | 1,290 | 1163 | 11% |
| Procedure recorders | 368 | 429 | -14% |
| ED | 67 | 49 | - |
| Medicine | 72 | 96 | -25% |
| Ob/Gyn | 112 | 186 | -40% |
| Surgery | 117 | 98 | 19% |

| <u>Application</u> | <u>total # of connections</u> | | |
|--|-------------------------------|---------------|-----------------|
| | <u>Jul-98</u> | <u>Jul-97</u> | <u>% change</u> |
| Full text and factual databases | 1,753 | 2,543 | -31% |
| Delineation of Clinical Privileges | 21 | 19 | 11% |
| Harrison's | 333 | 348 | -4% |
| JCAHO Accreditation Manual | 23 | 26 | -12% |
| Little Brown Handbooks | 169 | 207 | -18% |
| Merck Manual | 87 | 74 | 18% |
| Micromedex | 704 | 1,473 | -52% |
| New England Journal of Medicine | 197 | 175 | 13% |
| Red Book on Pediatric Infections | 27 | 37 | -27% |
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| YNHH Physician Phone Book | 42 | 52 | -19% |
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