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Health

Services

ANNUAL


REPORT

1966-67

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UNIVERSITY OF ILLINOIS

HEALTH SERVICES
ANNUAL REPORT
1966-1967

ORVILLE S. WALTERS, M.D.

Director of Health Services

Champaign-Urbana, Illinois

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ANNUAL REPORT

1966-67

To the President of the University:

The following narrative summary presents a broad view of Health Service activities for the year and is followed by statistical tables which analyze specific operations in detail.

HEALTH SERVICE STAFF

During the year five new physicians were added to the Health Service staff. Dr. John McHarry, Dr. Myron Boylson and Dr. Heime Samuels joined the staff in September, 1966. Dr. Homer Freese, formerly associate director of research for Abbott Laboratories joined the staff January 1, 1967. These physicians filled vacancies created by three resignations and one death the previous year. One new position was added September 1. This was filled by Dr. Francis P. Twohey, who joined the staff in March, 1967. Drs. H. E. Wachter and L. Dean Lewis gave part-time assistance until Dr. Twohey arrived.

DIVISION OF CLINICAL MEDICINE

Outpatients. Visits to the Health Center for all purposes during the past year totaled 90,673. Not included in this figure are the 11,993 tuberculin tests given to new students as part of registration. This represents an increase of 6 per cent over the previous year. A complete analysis of visits appears on page 22.

The average number of daily visits for the first semester was 388, and for the second semester, 346. These are analyzed more fully on page 23. The distribution of visits was as follows:

	1965-66		1966-67	
	<u>Number</u>	<u>Per Cent of Total</u>	<u>Number</u>	<u>Per Cent of Total</u>
Students	68,864	80.5	74,542	82.2
Staff	16,303	19.1	15,418	17.0
Visitors on campus	<u>345</u>	<u>.4</u>	<u>713</u>	<u>.8</u>
Total	85,512	100.0	90,673	100.0

Health Center. There were 74,542 student visits to the Health Center. Altogether, 21,685 different students visited the Health Center, which is 76.6 per cent of the student body of 28,310. Of this number, 26 per cent consulted physicians by appointment and 74 per cent came to the clinic without appointment. These visits are classified as to purpose or type of pathology on page 24.

Of the 9264 new students enrolled on the Urbana campus, 970, or 10.5 per cent, had physical examinations made by the Health Service during the preregistration period, and 8294, or 89.5 per cent, had physical examinations made by private physicians.

Immunizations. Free immunizations to students included tetanus, smallpox, influenza, typhoid, poliomyelitis and diphtheria. Mumps, measles, rabies, typhus, cholera, Rocky Mountain spotted fever, and yellow fever were given on request by special arrangement. An itemized list of immunizations appears on page 25.

Tuberculosis Detection. In the continuation of this program during the past year, 14,895 tuberculin skin tests were administered to new students and employees of the University. Positive skin tests were found in 861 persons or 5.8 per cent. The number of 14" x 17" chest films made for follow-up purposes was 5274. Of these films, 38 were suspicious for active pulmonary disease, resulting in 79 follow-up visits. Twenty-nine persons were dropped from recall while 76 remained under continuing surveillance for active disease. One person was diagnosed as having active tuberculosis.

Cardiological Follow-Up. Thirty-one patients referred for cardiological follow-up were studied by means of history, electrocardiogram, physical examination and chest X-ray with barium swallow to disclose cardiac enlargement. The diagnoses were as follows:

No disease	7
Functional murmur (innocent)	6
Atrial septal defect	1
Ventricular septal defect	3
Pulmonic stenosis	2
Rheumatic heart disease	
with mitral insufficiency	4
Rheumatic heart disease	
with aortic insufficiency	1
Essential hypertension	5
First degree A-V block	1
Rheumatic fever (acute)	1

Electrocardiograms were made on 573 patients. Of these, 177 showed abnormalities. The distribution of findings was as follows:

Myocardial infarction	
Old	12
Acute	3
Left ventricular hypertrophy	6
Right ventricular hypertrophy	4
Right atrial hypertrophy	3
Rhythm disturbances	34
Bundle branch block	10
Non-specific T wave changes	30
No abnormality	<u>396</u>
Total	573

Professional Consultations. Medical consultations done within the Health Service staff provide some index to the variety of pathology being seen. There is a fair amount of informal consultation among staff members. In this category would fall the numerous referrals to Dr. Hursh for cryotherapy (liquid nitrogen) to verrucae, referrals to Dr. Hopkins for his skillful partial nail removal for cases of ingrown nail, gynecological referrals to Dr. van Dyke and gastroenterological referrals to Dr. Brodt. Among medical consultations were cases of the following:

- Diabetes mellitus
- Dermatomyositis
- Suspected adrenal insufficiency
- Rectal bleeding for proctoscopy with
 finding of amebic colitis, anal
 fissure and hemorrhoids
- Head injury
- Hyper- and hypothyroidism
- Jaundice due to bilirubin-conjugating
 disorder
- Renal glycosuria

These do not, of course, include instances in which consultation was requested outside the Health Service staff for medical or surgical reasons, either in the Health Center or McKinley Hospital.

Visiting consultants examined 821 patients. The distribution of these visits was as follows:

<u>Type of Service</u>	<u>1966-67</u>	<u>1965-66</u>
Dermatology	272	277
Ear, nose & throat	224	226
Orthopedic	<u>325</u>	<u>388</u>
Total	821	891

Unusual Clinical Problems. Unusual and interesting cases cared for by Health Service physicians during the year have included the following:

Mediastinitis following surgery for vena-caval obstruction
 Viral meningitis
 Pyloric obstruction
 Mixed tumor of the testicle
 Tetanus
 Congenital heart disease (Eisenmenger's Syndrome of ventricular septal defect and pulmonary hypertension) with brain abscess possibly due to infected cerebral embolus
 Rattlesnake bite
 Pericarditis, benign non-specific
 Acute rheumatic fever
 Amebic colitis

In the course of evaluating employees for disability, the following conditions were observed:

Hypertensive vascular disease	11
Arteriosclerotic heart disease with coronary insufficiency	10
Peripheral vascular disease due to arteriosclerosis	3
Remote myocardial infarction	1
Mitral insufficiency due to rheumatic heart disease	1
Polyarteritis	1
Behcet's Syndrome	1
Cardiac arrhythmia	1

Dental Health. Dental examinations are offered to students and employees as part of the physical examinations. Diagnostic and consultative services are available to students, as well as emergency care not requiring oral surgery or restorative dentistry.

There were 1399 visits to the dental clinic during the year, of which 157 were recall appointments. This is an increase in visits of 9.6 per cent over last year. The most common complaint of students was pain and infection of the gums and soft tissues of the mouth, of which canker sores, pericoronitis and trench mouth were most often diagnosed, in that order. The next most common complaint concerned tooth decay and its aftermath, pulpitis and dental abscess, followed by partially erupted or impacted wisdom teeth. During the past year, 268 diagnostic dental X-ray films were taken of 217 patients. A detailed tabulation of the oral pathologies appears on page 26.

The primary function of the dental clinic is to provide diagnostic and consultative services for the students and members of the staff. Although specific dental treatment such as fillings, extractions, dentures, etc. are not provided by the clinic, the patients are advised concerning their particular dental problems. If the problems are not correctable through personal home care, the patients are referred to dentists or oral surgeons in the community.

A second function for the staff dentist is to serve as a consultant to the Health Service staff physicians on health problems which may have an oral or dental origin. Unaccountable pains in the throat, sinuses, ears, or mandibular joints, for example, occasionally can be linked to unerupted, impacted or abscessed teeth or poor occlusion. About 20 per cent of all dental pathologies diagnosed in the dental clinic are made relative to some unaccounted for disorder seen first by the staff physician. Conversely, the dentist occasionally will see patients with oral complaints that actually are of systemic origin. Dental health problems then are diagnosed and treated as an integral part of the comprehensive medical service provided by the Health Service.

A third function of the dental clinic is the conduct of research, for which the Health Service provides a unique opportunity. At present, a study is in progress evaluating various etiologic and contributing factors in Vincent's infection or trench mouth.

McKINLEY HOSPITAL

Inpatients. The total number of patients admitted to McKinley Hospital was 1689, representing a decrease of 8.16 per cent from last year's 1839. The number of patient days was 6000 compared with 6060 for the preceding year, a decrease of less than one per cent. The average length of hospital stay was 3.56 days, compared with 3.29 days for the preceding year. The average daily patient load was 17.6 and the maximum number of patients in any 24-hour period was 47.

Health Service physicians provided hospital care for 78 per cent of McKinley Hospital patients, while community physicians cared for 22 per cent. The principal diagnostic categories for inpatients were as follows:

Respriatory system	492
Infectious diseases	314
Digestive system	235
Injuries	228
Mental disorders	105
Genito-urinary system	59
Skin and cellular disease	34
All other conditions	<u>222</u>
Total	1689

A more detailed diagnostic summary appears on page 28. Students made up 95.0 per cent of all hospital patients. A detailed classification appears on page 30. Departmental services are summarized on page 32.

Emergency Service. The number of patients coming to the McKinley Hospital emergency service after Health Center closing hours decreased by 393 patients, or 7.5 per cent. Health Service physicians provided care for 98 per cent of these patients, and community physicians for 2 per cent. Emergency service patients are classified on page 31.

Medical Staff. On June 30, 1967, the medical staff of McKinley Hospital numbered 118, of whom 49 were active members. There were 45 consulting staff members, and 24 courtesy staff. Because of continuing difficulty in reaching community physicians for patients not eligible for health service care, the rotation roster was abolished by vote of the McKinley Hospital staff.

DIVISION OF MENTAL HEALTH

General. There was one resignation from the staff during the year. Dr. Harry Little resigned on June 23, 1967 to become Medical Director of the Champaign County Mental Health Clinic. Because of the lateness of this resignation, the vacancy remains at the time of this report. There were no other staff changes.

The broad functions of the Division continue to be 1) evaluation or diagnosis; 2) treatment, by individual or group therapy, and by medication when indicated; 3) instruction.

Outpatients. The total number of patients consulting the Mental Health Division during the past year increased by 9.3 per cent, from 1021 to 1126. The number of consultations increased by 24.4 per cent, from 4641 to 5772. This large increase can be attributed to the increased use of group therapy. The number of sessions increased from 77 for the preceding year to 166. Patient hours in group therapy increased from 288 to 739.

Forty-six students withdrew from the University because of mental illness. Fifty-three students were given a diagnosis of schizophrenic reaction, but only eighteen of these were obliged to withdraw from school.

More complete analysis of Mental Health patients are presented on pages 33 to 37.

Inpatients. Psychiatrists attended 103 patients in McKinley Hospital for a total of 232 patient days. Six students were attended by Health Service psychiatrists in community hospitals for an additional 17 patient days.

Consultative Services. All four Health Service psychiatrists continued to provide consultation to the Psychological Clinic on a rotating basis.

Teaching. Both classroom instruction (Health Science 200, Mental Health; Social Work 451, 452, 454, Human Growth and Behavior) and practicum (Social Work 423, 424, Social Work Methods) are offered by members of the Mental Health Division staff. Three second-year Social Work students were assigned to the Mental Health Division for their field work.

DIVISION OF ENVIRONMENTAL HEALTH

General

Staff Activities. Dr. L. M. Hursh continues to serve as Associate Director and to handle Occupational Health activities in addition to heading the Division of Environmental Health. During the year he served as a consultant to the Nutrition Section of the Office of International Research, National Institutes of Health, and continues as a consultant both to the Army Medical Research and Development Command, and to the Interdepartmental Committee on Nutrition for National Defense.

During the year Mr. Koertge was awarded the M.S. degree in sanitary engineering by the University of Illinois. His study, "Turbidity of Public Swimming Pool Waters," will be published shortly.

Mr. Fella is currently editor of the Illinois Association of Sanitarians Journal.

New Facilities. The microbiology laboratory installed in 314 McKinley Hospital at a cost of \$42,010 has been completed and a competent microbiologist is in charge. This laboratory makes possible the majority of common bacteriological and microscopic investigations used in environmental health work. Clinical microbiology has been transferred from the overcrowded Health Center laboratory to the new facility.

A decontamination center for handling patients involved in accidents where radioactive substances have been disseminated was completed during the year. This suite of rooms in the basement of McKinley Hospital has an outside entrance that will accommodate stretchers, and is equipped with a decontamination table for whole-body showering. There are also a walk-through shower and lavage devices for extremities, from which the washings flow into underground storage to permit decay and later recovery for appropriate disposal. This stand-by facility was constructed at a cost of \$42,210.

Sanitation

Off-Campus Food Services. During the calendar year July 1, 1966 to June 30, 1967, all sororities, fraternities and men's and women's off-campus housing were inspected once each semester by Mr. Fella, Health Service sanitarian. A report of the inspection was sent to each house owner or house president, the office of the Dean of Men or Women, and to the Housing Division.

This year all inspections were conducted without prior notice. The inspection was well-received by all concerned, and many expressed gratitude for the service provided. From a sanitation standpoint, the fraternities are the biggest problem, due to the fact that they do not have house directors. Inspection of all sororities, fraternities, and off-campus housing will be continued at least twice a year, with a more concentrated effort being put on fraternities. A complete list of inspections appears on page 38.

University Facilities. During the year Mr. Fella made routine inspections of all residence hall food preparation areas every six weeks. All residence hall food preparation areas were found to be in excellent condition. Minor suggestions were made, and a report of all inspections was sent to each food production manager, as well as to the head of residence hall food preparation areas. Routine inspections were also made at Bevier Hall, McKinley Hospital, Illini Union, Allerton Park, Hott House, Willard Airport and the football training table.

During the year the University has expanded its vending machine business. Housing now operates 85 machines, some of which dispense hot and cold sandwiches as well as soft drinks and candy. A new commissary has been installed for the preparation of hot and cold sandwiches, along with two walk-in coolers for storage. These have had periodic inspection by Mr. Fella.

A problem of unsanitary conditions in the soft drink dispensing stands at the football stadium remains. A letter has been sent to Mr. H. P. Thornes, Business Manager of the Athletic Association, outlining what is needed to bring the concession stands up to minimum sanitation standards. A letter was also sent to all soft drink vendors at the stadium outlining the handling of their equipment after serving at each football game.

Food Service at Special Events. During the year, this Division received twenty requests to inspect food booths which were to be set up for special events on campus. The sanitarian gives advice on the most suitable kind of food to serve and the manner in which it should be served.

Enteritis Outbreaks. Two cases of alleged food poisoning were investigated during the year. A number of people from Bromley Hall were seen in the clinic who had gastroenteritis. Food histories were obtained from five of these patients. Food samples were also obtained and bacteriological analyses were performed in our laboratory. All samples were negative for organisms that might cause a food-borne outbreak.

The second epidemic was brought to our attention by a counselor at Snyder Hall who reported that about 20 persons had become ill with diarrhea and vomiting. Since 1500 persons per meal are fed in this hall and only 20 persons were sick, a food-borne outbreak seemed unlikely. Bacteriological analyses of previous meals were made and found negative for food-borne organisms.

Food Service Plan Review. Plans were reviewed for food preparation areas for Kappa Kappa Gamma and for the University commissary for preparing vending machine sandwiches. Both of the proposed layouts were approved with minor modifications.

During the year numerous consultations were also held concerning water, odors, insects and rodents, and various other problems of sanitation.

Sanitary Engineering

Waste Disposal. Sanitary Engineer Henry Koertge took the lead in the investigation of two storm sewer problems on campus during the past year. A letter of complaint from the Illinois Sanitary Water Board alleging pollution of the Boneyard Creek by the discharge of a storm sewer prompted a survey of all sewers tributary to that outlet. This survey, made in conjunction with the Chemistry Department and the Operations and Maintenance Division of the Physical Plant, resulted in a proposal by the latter division for changing drains from two chemistry buildings so that the discharge is to the sanitary rather than to the storm sewer. The University administration has supported the project with a \$60,000 appropriation.

Another storm sewer system which discharges to Boneyard Creek in the vicinity of the Electrical Engineering Building has been investigated. This outlet has been known to produce sporadic polluttional discharges. It was determined that some of the wastes were from the English Building where the shower facilities are connected to the storm sewer.

The sanitary engineer was also involved in the following consultations:

Certain minimum requirements concerning the construction and operation of chemical toilet facilities for the Illini Union Illioskee Committee.

Plans for a septic tank system for a farm house to be built in the farm area.

With members of the Agricultural Engineering Faculty Committee concerning 1) the operation of the swine waste lagoons, 2) proposed waste treatment facilities for a zoonoses project at Dixon Springs and 3) microscopic analyses of activated sludge.

With the Veterinary Medicine staff in regard to the zoonoses laboratory. It is anticipated that samples will be obtained periodically from this building.

Swimming Pools. The three University swimming pools were inspected several times during the year. In addition, results of monthly operational reports and weekly bacteriological analyses were reviewed by this office. The Physical Plant continues their excellent operation and maintenance as proven by the results of bacteriological tests.

Samples were analyzed periodically for turbidity from both Huff Gym and the Men's Old Gym swimming pools, and were compared with prior samples.

Water Supply and Plumbing. Recommendations were made to eliminate back siphonage possibilities existing at the watering system for the beef cattle barns.

The interruption of water service to the Assembly Hall was investigated. It was recommended that a section of a nearby sanitary sewer be reconstructed of cast iron pipe in the vicinity of the water line and that additional water service to the Assembly Hall be constructed to insure against possible future lack of water service.

A survey of the Agricultural Building was made to determine the need for additional toilet facilities.

A suggestion was made to consider a surge tank for installation during a proposed remodeling of Noyes Laboratory. Such an installation would eliminate the need for vacuum breakers throughout the building.

Sanitation Plan Review. By request of the Campus Architect's Office, plans and specifications for the following projects were reviewed:

1. Married Student Housing - MS-4
2. Small Homes Council Building

Accidental Injuries

The total number of accidental injury cases treated during the past year was 6345. Of these, 4454 occurred on campus. The remainder of 1189 occurred in some off-campus location. The majority of the on-campus accidents occurred in an athletic facility (1323). The majority of the off-campus accidents occurred in a residence (647).

When the accidents are analyzed according to the individual's activity, the majority are found due to daily living (1442) and recreation (1128). There were 2076 accidents due to sports, with basketball (409) and football (395) causing the greatest number.

An attempt was made to analyze these accidents as to cause, using the patient's statement as the basis. The two leading causes of accidents given were lack of skill or physical aptitude (2183), and divided attention or failure to concentrate (1775).

An effort was also made to determine the part of the body most frequently injured by a particular sport, along with the type of injury produced. The commonest site of injury in football was the fingers (55). The commonest football injuries to fingers were fractures (17), dislocations (7), laceration, puncture or bite (3), abrasions or contusions (2), and imbedded foreign bodies (1). The commonest site of injury in basketball was the ankle (158). Injuries to the ankle in order of frequency in basketball were sprains (153), abrasions or contusions (3), and fractures (2).

More complete data on accidents will be found on pages 39 and 40.

DIVISION OF HEALTH SCIENCE

Undergraduate. The following table shows the courses offered at the undergraduate level by the Health Service through the Division of Health Science during the past year.

	First Semester		Second Semester		Summer Session		Total	
	<u>Sec.</u>	<u>Stud.</u>	<u>Sec.</u>	<u>Stud.</u>	<u>Sec.</u>	<u>Stud.</u>	<u>Sec.</u>	<u>Stud.</u>
104 The Science of Personal Health	3	58	3	53	0	0	6	111
110 Public Health	1	15	1	11	0	0	2	26
200 Mental Health	1	21	1	24	1	9	3	54
206 Sex Education and Family Life	6	251	9	344	2	59	17	654
216 Medical Terminology	<u>1</u>	<u>25</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	<u>25</u>
Total	12	370	14	482	3	68	29	870

Health Science 104 has been dropped by all departments of the University as a required course, although a few women majoring in physical education still elect to fill a health requirement with this course. Most of the students taking the course were enrolled in the College of Liberal Arts and Sciences and took it as an elective.

Hygiene X103, Hygiene and Sanitation, a correspondence course for two hours semester credit, was withdrawn from further enrollment last year, but three students finished the course this year. In November, 1966, a new correspondence course, Health Science X104, The Science of Personal Health, with two hours semester credit was offered. By the end of the year, twenty-two of the enrollees had completed at least one lesson and four had completed the course. The course is being taught on a contract basis by Dr. Loren W. Akers.

Graduate. Dr. T. A. Kiersch, psychiatrist in the Division of Mental Health, collaborated in the teaching of three courses, Social Work 451, 452, 454, Dynamics of Human Development, in the Jane Addams School of Social Work during the year. Three second-year graduate students in the School of Social Work were assigned to the Mental Health Division throughout the year for staff instruction in social casework.

Dr. Henry Teigler on alternate years gives one-quarter time to the Physiology Department during the regular school year. This year he collaborated in teaching Physiology 470 and 472.

A summary of Health Science and Hygiene enrollments appears on page 41.

OCCUPATIONAL HEALTH

Because of its close ties with environmental health, occupational health is assigned to Dr. Laurence M. Hursh, Associate Director and head of the Division of Environmental Health. In the area of occupational hygiene, he has been assisted by Henry Koertge, sanitary engineer.

Preplacement Examinations. Both academic and nonacademic candidates for employment receive physical examinations at the Health Service as a part of the employment procedure. The criteria for employability, embodied in a directive dated June 8, 1961 from Vice President Farber are: 1) ability to perform the duties of the position; 2) freedom from any public health hazard; 3) absence of medical or psychiatric defects that would make employment undesirable because of anticipated disability.

The preplacement examination is given by individual appointment in a physician's office and includes, in addition to the physical examination, instrumental visual and auditory screening, urinalysis, hematocrit, white count, differential and serological test. Women are also given the Papanicolaou test. Persons over 40 have a chest X-ray. Other procedures are added if indicated.

During the past year, 4728 preplacement physical examinations were carried out by the Health Service staff.

Periodic Examinations. Base-line audiograms were made for new employees manifesting significant hearing loss. Employees working in environments where noise levels exceed 85 decibels also received audiograms, using the SAL technic. Ninety such audiograms were made during the year.

Blood counts, hematocrits and differential counts were made on employees working with radioactive materials. The total of such procedures was 432, all within normal limits.

Persons employed as food handlers for longer than a seven day period are given an annual screening test for tuberculosis, either by the Mantoux test or by a 14" x 17" chest film. The number of such examinations performed was 1039.

A survey was accomplished of all individuals routinely using insecticides, pesticides, fungicides and rodenticides, and the specific materials being used were listed. Over 200 different compounds were found in use by 216 individuals. A start was made in recording routine laboratory base lines on these employees.

Immunizations. All employees are required to have the tuberculin skin test and a smallpox vaccination at the time of employment unless these have been taken recently elsewhere. The smallpox vaccination must be repeated if no major reaction occurs within five days. Employees are given tetanus immunization routinely, although this is not required. Other immunizations are administered as indicated to staff members taking overseas duty.

Emergency Service. Except during vacation periods, a physician is available in McKinley Hospital all night to care for on-the-job accidents. A psychiatrist is always on call outside of regular hours.

Accidental Injuries. During the year there were 1116 on-the-job accidents reported on the Champaign-Urbana campus, compared with 1162 for 1965-66. These involved 1988 visits to the Health Center. All treatments were reviewed by Dr. M. D. Kinzie, serving on behalf of the Health Service as medical adviser to the University accident compensation committee. In the same capacity, Dr. Kinzie also reviewed reports of 65 injuries occurring on the two Chicago campuses, 8 at Dixon Springs and 11 at Allerton Park.

Disability Examinations. Health Service physicians provided assistance to employees and to the State Universities Retirement System by making 135 examinations to certify disability. Since two physicians are required to establish disability, Health Service examinations usually supplemented previous appraisal by the employee's own physician.

Health Service doctors also issued 371 return to work permits.

Occupational Hygiene. Sanitary engineer Henry Koertge was responsible for a number of technical investigations during the past year in the interest of better occupational hygiene.

A survey of possible noise hazards at the University of Illinois Willard Airport was completed. Sound analyses at various frequencies were made from within several different types of airplanes. An airport staff meeting was attended and results of the analyses reported to the persons responsible.

A supplementary noise hazard survey was made at the Abbott Power Plant. Three additional sites were visited for possible noise hazards. The results of the survey were reported to the Physical Plant Department.

Mercury problems were investigated in several rooms in Noyes Laboratory and Natural History prior to their occupancy by the Physiology Department.

Recommendations were made concerning minimum ventilation requirements for an atomic absorption device located in Bevier Hall.

A survey initiated by a case of phenol poisoning was made of a room in the Horticulture Field Laboratory. Recommendations were made to eliminate the hazardous conditions.

Gas analyses were made in Moyes Laboratory after an incident involving the spillage of cyanogen bromide during which the building was evacuated and safety precautions were taken to avoid harmful effects of the compound.

A potential noise and dust hazard was evaluated near the Student-Staff Apartments. A meeting held between representatives of the Student-Staff Apartments and the Housing Division was attended in connection with this problem.

Inspection was made of an animal room in Morrill Hall and recommendations were made for improving the ventilation.

Samples of cooling water mist were obtained and dust fall samples were analyzed in connection with possible air pollution from Abbott Power Plant cooling towers and smoke stacks.

Recommendations for ventilation and installation of vacuum breakers were made for a remodeling project in the Agricultural Engineering Building.

Health Counseling for Overseas Travel. A counseling service is offered to all students and staff planning overseas travel. Faculty members, who are usually appointed for longer periods (6-24 months), have taken advantage of the service more than students, who customarily travel for shorter periods of time. The service consists of a review of the status of immunizations and the making of health recommendations appropriate to the countries to be visited. Desirable precautions in regard to food and drink are explained. Prescriptions are also provided for such drugs as chloroquin phosphate, diiodohydroxyquin, diphenoxylate hydrochloride, succinylsulfathiazol, trimethobenzamide, and DDT, depending upon which areas of the world are being visited. "Health Hints for the Tropics," published by the American Society of Tropical Medicine and Hygiene, is also made available.

OTHER MEDICAL SERVICES

State Universities Retirement System

All claims for disability from employees covered by the State Universities Retirement System are processed through the office of the Director of Health Services, who is medical director ex officio of the System. As such he is responsible for the initial evaluation of all disability claims, as well as continuing medical follow-up of all disabled employees covered by the System. He is assisted by Dr. Loren W. Akers, Associate Medical Director,

and a full-time secretary. Since every claim for disability must be certified by two physicians, several hundred medical reports must be requested, examined and approved before claims can be paid. In a large proportion of instances, University of Illinois Health Service physicians make disability evaluations for the System.

The following table indicates the number of new and continuing disability claims handled during the past year.

	New Claims		Rechecks	
	<u>65-66</u>	<u>66-67</u>	<u>65-66</u>	<u>66-67</u>
U. of I. -- Urbana (including all participating Institutions located on campus)	74	71	168	174
U. of I. -- Chicago Circle	7	12	9	23
U. of I. -- Crippled Children	7	0	6	2
U. of I. -- Medical Center	39	50	74	85
Eastern Illinois University	7	5	13	17
Illinois State University	13	15	12	20
Illinois Teachers College (South)		1		0
Northern Illinois University	9	6	28	20
Rock Valley College		1		0
Southern Illinois University	24	21	46	55
Teachers' College Board		1		0
Western Illinois University	<u>2</u>	<u>5</u>	<u>12</u>	<u>10</u>
Total	182	188	368	406
Employees in System (on September 1)			18,241	23,000

Rehabilitation-Education Center

The Health Service continues to provide medical care and supervision at the Rehabilitation-Education Center. Dr. M. D. Kinzie was assigned to this duty, which requires one-third of full time. The 206 handicapped students who are cared for at the Center made a total of 1404 visits for medical attention. Dr. Kinzie was available for clinical consultation two hours each weekday at the Center.

The following table indicates the number of patients and consultations according to handicap:

<u>Type of Handicap</u>	<u>Number of Students</u>	<u>Number of Consultations</u>
Spinal Cord Lesions	50	691
Post Poliomyelitis	75	324
Visually Handicapped	27	51
Cerebral Palsy	21	138
Muscular Dystrophy	7	24
Amputees	7	16
Other	<u>19</u>	<u>68</u>
Total	206	1312

RESEARCH

Four research projects are presently in process in the Health Service, as follows:

Henry H. Koertge, M.S. "Turbidity in Public Swimming Pool Waters."

This project has been completed and is awaiting publication. Present plans are to submit a paper derived from the research for presentation at the next annual meeting of the American Water Works Association.

L. M. Hursh, M.D., and Gale A. Fella, M.P.H. "The Effect of 22, 25-diazacholesterol dihydrochloride on the Fertility of Pigeons in Their Natural Habitat."

The hypothesis of the research program is that feeding the drug mixed with whole corn at a 0.1% level will cause sterility in pigeons but will not cause them to desert their nesting places. A pilot program was started in March 1966 at McKinley Hospital. Approximately 60 pigeons were tagged with leg bands and treated with SC 12937 between April 1 and September 1, 1966. Since this program proved so successful, a campus-wide program encompassing 7 feeding areas has been initiated. At each feeding site 20 pigeons have been back-tagged in order to estimate the number of pigeons eating at each site. Each feeding area has a different treatment schedule. Every month two birds from each feeding site will be trapped for examination of gonads, livers and kidneys.

Robert L. Hass, D.D.S. "Pathogenic Factors in the Etiology of Necrotizing Ulcerative Gingivitis (Trench Mouth)."

The purpose of the study is to evaluate and determine the pertinence and validity of factors considered etiologic to necrotizing ulcerative gingivitis (trench mouth). At present, 105 cases and 60 controls have been examined and treated since October 1966. The study is to be completed by June 1968 at which time about 200 of each category will have been studied and recorded.

Paul W. Yardy, M.D., and Bruce L. Brown, M.D. "Tuberculin Conversion Rate in Upperclassmen of the University of Illinois."

A survey totaling over 1000 tuberculin tests was completed for the following groups: teacher's certificate, classroom, walk-in patients at Health Center, food handlers and residence hall employees. The study is being prepared for publication.

STAFF PUBLICATIONS

Dunn, Dorothy F., Ph.D., "Cigarettes and the College Freshman," Journal of the American Medical Association, 199:19-22, January 2, 1967.

Dunn, Dorothy F., Ph.D., "College Freshmen and Smoking" (from number 2 above), Journal of Medical Association, State of Alabama, 36:899-900, February, 1966.

Dunn, Dorothy F., Ph.D., "Smoking--Academically Speaking!," Journal of the American College Health Association, 15:162-167, February, 1966.

Fella, Gale A., M.P.H., and Koertge, Henry H., M.S., "The Need for Bacteriological Analyses to Evaluate Decontamination of a Food Preparation Area," Journal of the American College Health Association, 15:78-79, October, 1966.

Fella, Gale A., M.P.H., and Hursh, L. M., M.D., "The Effect of 22, 25-Diazacholesterol Dihydrochloride on the Fertility of Pigeons in Their Natural Environment," Journal of the American College Health Association, 15:365-366, April, 1967.

Hursh, L. M., M.D., "Numbers and Types of Sport Injuries," Journal of the American Medical Association, 199:507, February 13, 1967.

Hursh, L. M., M.D., "Low Cost Tuberculin Screening of Large Populations," Archives of Environmental Health, 13:622-624, November, 1966.

Koertge, Henry H., M.S., Maynard, Guy B., M.D., and Pollard, John W., M.D., "Carbon Tetrachloride Poisoning: A Danger to the Uninformed," Journal of the American College Health Association, 15:94-96, October, 1966.

Nikelly, Arthur G., Ph.D., "Mental Health and the College Experience," Concern, 1:14-16, Fall, 1966.

Nikelly, Arthur G., Ph.D., "The Adlerian Concept of the Unconscious in Psychotherapy," Journal of Individual Psychology, 22:214-221, November, 1966.

Nikelly, Arthur G., Ph.D., "Maternal Indulgence and Neglect and Maladjustment in Adolescents," Journal of Clinical Psychology, 23:148-150, April, 1967.

Walters, Orville S., Ph.D., M.D., "Mental and Emotional Problems of the Family," Proceedings -- 36th Town and Country Church Institute, University of Illinois College of Agriculture, Urbana, pp. 52-56.

Walters, Orville S., Ph.D., M.D., "Metaphysics, Religion and Psychotherapy," Guidelines for Guidance: Readings in the Philosophy of Guidance, Carlton E. Beck, Editor, Dubuque, Iowa: William C. Brown Co., 1966, pp. 304-316.

Yardy, Paul W., M.D., "Tropical Eosinophilia," (a case report) Journal of the American College Health Association, 15:197-198, December, 1966.

Yardy, Paul W., M.D., "Schistosomiasis," (a case report) The Illinois Medical Journal, 131:190, February, 1967.

Table 1

DIVISION OF CLINICAL MEDICINE

Outpatients -- Visits by Type of Service

			<u>Per Cent of Total</u>
STUDENTS			
Clinic	(74.4 per cent)	55,465	
Appointment	(25.6 per cent)	19,077	
Total Student Visits		74,542	82.2
STAFF			
Physical Examinations		3,718	
Return Visits Related to			
Physical Examinations		5,049	
Physical Therapy		376	
On-the-Job Accidents (new)		763	
On-the-Job Accidents			
(follow up)		480	
Mental Health Division		95	
Permit to Return to Work		371	
Disability Evaluation		135	
Immunizations (not related			
to physical examinations)		3,368	
Food Handler X-Rays		517	
Dental		28	
Foreign Travel Counseling		114	
Medical Conference		107	
Non-Clinical Consultation		<u>297</u>	
Total Staff Visits		15,418	17.0
Visitors on Campus		<u>713</u>	<u>.8</u>
TOTAL VISITS TO HEALTH CENTER		90,673	100.0
LAST YEAR		<u>85,512</u>	
Increase (6.0 per cent)		5,161	

Table 2

DIVISION OF CLINICAL MEDICINE

Outpatients -- Average Daily Visits

	<u>1966-67</u>	<u>1965-66</u>	<u>1964-65</u>
FIRST SEMESTER (9-14-66 through 1-24-67)			
Average Daily Visits, Mondays through Fridays	388	382	327
Average Daily Visits, Saturdays (Half Days)	80	101	82
SECOND SEMESTER (2-1-67 through 6-17-67)			
Average Daily Visits, Mondays through Fridays	346	352	309
Average Daily Visits, Saturdays (Half Days)	133	103	76
SUMMER SESSION, 1966			
Average Daily Visits, Mondays through Fridays	236	214	171
Average Daily Visits, Saturdays (Half Days)	46	53	33
FULL YEAR (7-1-66 through 6-30-67)			
Average Daily Visits, Mondays through Fridays	336	325	279
Average Daily Visits, Saturdays (Half Days)	112	83	71
Number of Weekdays Operating	256	253	256
Number of Saturdays Operating (Half Days)	42	41	42

Table 3

DIVISION OF CLINICAL MEDICINE

Outpatients -- Summary by Primary Diagnosis
(International Classification of Diseases)

Infective and Parasitic (002-138)	1234	
Neoplasms (140-239)	154	
Allergic, Endocrine, Metabolic & Nutritional (240-289)	823	
Blood and Blood-Forming Organs (290-299)	44	
Mental, Psychoneurotic & Personality Disorders (300-329)	702	
Nervous System and Sense Organs (330-398)	1445	
Circulatory System (400-468)	426	
Respiratory System (470-527)	7893	
Digestive System (530-587)	1854	
Genito-Urinary System (590-637)	812	
Complications of Pregnancy (640-689)	18	
Skin and Cellular Tissue (690-716)	3016	
Bones and Organs of Movement (720-749)	595	
Congenital Malformations (750-759)	37	
Symptoms and Ill-Defined Conditions (780-795)	<u>237</u>	19,290
Injuries (800-999)		
Fractures (800-826)	232	
Dislocation without Fracture (830-839)	59	
Sprains & Strains of Joints & Adjacent Muscles (840-848)	2240	
Head Injury (excluding skull fracture) (850-856)	101	
Internal Injury of Chest, Abdomen & Pelvis (860-869)	3	
Laceration and Open Wound (870-898)	861	
Superficial Injury (910-918)	495	
Contusion & Crushing with Intact Skin Surface (920-929)	1070	
Foreign Body Entering Through Orifice (930-936)	109	
Burn (940-949)	208	
Injury to Nerves and Spinal Cord (950-959)	4	
Other Adverse Effects (990-999)	<u>67</u>	5,449
Special Conditions & Examinations Without Sickness (Y00-Y39)		
General Medical Examination (Y00.0)	9658	
Radiological Examinations (Chest) (Y00.1)	2247	
Radiological Examinations (Other than Thorax) (Y00.2)	2325	
Laboratory Examination (Y00.3)	6100	
Skin Immunity Test (Including Tbc) (Y01.1)	2368	
Skin Test Reading (Y01.2)	4381	
Prophylactic Inoculation & Vaccination (Y02)	11071	
Follow-up Examination of Inactive Tbc (Y03)	138	
Contacts with Infective & Parasitic Diseases (Y04)	14	
Other Persons without Complaint or Illness (Y09)	5952	
Surgical Aftercare or Convalescence (Y10.1)	2870	
Medical Aftercare or Convalescence (Y10.2)	15889	
Dental Aftercare (Y10.3)	438	
No Disease Found (Y00)	168	
Deferred for Additional Information (Y19)	<u>2315</u>	<u>65,934</u>
Total		90,673

Table 4

DIVISION OF CLINICAL MEDICINE

Outpatients -- Immunizations

	<u>Student</u>	<u>Staff</u>	<u>Total</u>
Smallpox	2,158	3,414	5,572
Tetanus Toxoid	2,015	1,523	3,538
Typhoid	1,680	297	1,977
Influenza	703	771	1,474
Polio	459	223	682
Typhus	503	173	676
Oral Polio	614	36	650
Tetanus & Diphtheria	513	8	521
Cholera	321	131	452
Rabies	289	37	326
Yellow Fever	115	87	202
Rocky Mountain Spotted Fever	67	5	72
Other	<u>76</u>	<u>77</u>	<u>153</u>
Total	9,513	6,782	16,295

Table 5

DIVISION OF CLINICAL MEDICINE

Outpatients -- Dental Pathology

VINCENT'S INFECTION (initial)	133
CHRONIC VINCENT'S INFECTION (recurrent)	6
Exostosis: torus palatinus or mandibulare	1
Antral polyp	2
DENTAL CARIES	
530.0 unqualified	137
530.1 with pulp exposure	4
530.2 with periapical abscess, includes alveolar and gum	69
530.9 with other conditions, pulpitis, petrescent pulp	64
ABSCESSES OF SUPPORTING STRUCTURES OF THE TEETH	
531.1 Peridental (parietal), includes alveolar	11
531.9 Other and unspecified, includes gum, gum boil	2
OTHER INFLAMMATORY DISEASES OF SUPPORTING STRUCTURES OF THE TEETH	
532.0 Gingivitis, excludes Vincent's (070) and stomatitis (536)	103
532.1 Periodontitis, pericementitis, inflammatory pyorrhea, traumatic	8
532.2 Periodontosis, atrophic, periodontoclasia, degenerative pyorrhea	3
532.3 Pericorinitis, hyperplasia, hypertrophy, ulcer of gum	150
DISORDERS OF OCCLUSION, ERUPTION AND TOOTH DEVELOPMENT	
533.2 Impacted teeth	91
533.3 Unerupted teeth	7
533.4 Partially erupted teeth	8
533.9 Other, dry socket	2
ODONTALGIA -- Toothache from unspecified cause, sensitive teeth	35
OTHER DISEASES OF TEETH AND SUPPORTING STRUCTURES	3
STOMATITIS -- Canker sore, ulcerative and aphthous stomatitis	195
DISEASES OF SALIVARY GLANDS	
537.0 Inflammatory, abscess, infection, adenitis, sialadentitis	3
537.1 Calculus	3
537.2 Cyst	2
OTHER DISEASES OF BUCCAL CAVITY	
538.0 Inflammatory diseases: cellulitis of floor of mouth, cheek, tongue	19
538.9 Other: black hairy tongue, geographic tongue, mucocele	16
Cellulitis of jaw	2
Diseases of temporomandibular joint	11
Pain in the temporomandibular joint	20
FRACTURE OF UPPER OR LOWER JAW	1
Fractures of the teeth, without complications	87
Fractures of the teeth, with complications (lacerations of lip, etc.)	17
Complications of surgical procedures	<u>2</u>
Total	1210

Table 6

DIVISION OF CLINICAL MEDICINE

Outpatients -- Physical Examinations

	<u>Student</u>	<u>Staff</u>	<u>Total</u>
Civil Service	229	2,247	2,476
Academic	1,044	1,208	2,252
Food Handler Certificate	931	188	1,119
Student	924	46	970
Student Teacher Certificate	573	31	604
Premarital	496	11	507
Recheck	56	263	319
Dental	266	28	294
Visual and Auditory	152	4	156
FAA	<u>131</u>	<u>2</u>	<u>133</u>
Total	4,802	4,028	8,830

Table 7

McKINLEY HOSPITAL

Inpatients -- Summary by Diagnosis
(International Classification of Diseases)

	Inpatient (Hospital)	Outpatient (Emergency Room)
Infection and Parasitic (002-138)	313	128
Neoplasms (140-239)	7	26
Allergic, Endocrine, Metabolic, Nutritional (240-289)	31	106
Blood and Blood Forming Organs (290-299)	5	0
Mental, Psychoneurotic, & Personality Disorders (300-329)	104	104
Nervous System and Sense Organs (330-398)	39	185
Circulatory System (400-468)	30	40
Respiratory System (470-527)	492	750
Digestive System (530-587)	235	391
Genito-Urinary System (590-637)	59	122
Complications of Pregnancy (640-689)	1	3
Skin and Cellular Tissue (690-716)	34	114
Bones and Organs of Movement (720-749)	39	56
Congenital Malformations (750-759)	4	1
Symptoms and Ill-Defined Conditions (780-795)		
Symptoms Referable to Nervous System and Special Senses (780-781)	18	33
Symptoms Referable to Cardiovascular and Lymphatic Systems (782)	5	22
Symptoms Referable to Respiratory System (783)	4	47
Symptoms Referable to Upper Gastrointestinal System (784)	5	23
Symptoms Referable to Abdomen and Lower Gastrointestinal Tract (785)	4	50
Symptoms Referable to Genito-Urinary System (786)	0	7
Symptoms Referable to Limbs and Back (787)	1	29
Other General Symptoms (788)	9	31
Abnormal Urinary Constituents of Unspecified Cause (789)	2	8
Nervousness and Debility (790)	5	20
Headache (791)	6	33
Observation Without Need for Further Medical Care (793)	0	37
Ill-Defined and Unknown Causes of Morbidity and Mortality (795)	0	36
Total Symptoms and Ill-Defined Conditions	(59)	(376)

Table 7 -- Continued

	Inpatient <u>(Hospital)</u>	Outpatient <u>(Emergency Room)</u>
Injuries (800-999)		
Fractures (800-826)	38	105
Dislocations Without Fracture (830-839)	16	33
Sprains and Strains of Joints and Adjacent Muscles (840-848)	47	442
Head Injury (excluding skull fracture) (850-856)	46	111
Internal Injury of Chest, Abdomen, and Pelvis (860-869)	0	2
Laceration and Open Wound (870-898)	15	675
Superficial Injury (910-918)	4	157
Contusion and Crushing with Intact Skin Surface (920-929)	37	416
Foreign Body Entering Through Orifice (930-936)	0	64
Burn (940-949)	2	105
Injury to Nerves and Spinal Cord (950-959)	0	0
Adverse Effects of Chemical Substances (960-989)	16	45
Other Adverse Effects (990-999)	7	37
Total Injuries	(228)	(4594)

Table 8

McKINLEY HOSPITAL

Inpatients -- Classification

	1966-67		1965-66	
	<u>Patients</u>	<u>Per Cent</u>	<u>Patients</u>	<u>Per Cent</u>
Students	1604	94.96	1755	94.01
Student Family	1	.06	8	.43
Staff	46	2.72	40	2.18
Staff Family	6	.36	8	.44
Extension Student	18	1.06	14	.76
University High Student	0		1	.06
Campus Visitor	5	.30	5	.27
Non-University	<u>9</u>	<u>.54</u>	<u>8</u>	<u>.43</u>
Total	1689	100.00	1839	100.00

Table 9

McKINLEY HOSPITAL

Emergency Service -- Classification of Patients

	<u>Number of Patients</u>	<u>Per Cent</u>
Freshmen	1085	22.98
Sophomore	978	20.72
Junior	826	17.52
Senior	646	13.68
Graduate or Professional	776	16.44
Extension, Short Course or Irregular	109	2.31
Academic Staff on the Job	25	.54
Civil Service on the Job	136	2.88
University Employee Off the Job	39	.81
Not University Connected	<u>100</u>	<u>2.12</u>
Total	4720	100.00

Table 10

McKINLEY HOSPITAL

Emergency Service -- Comparison by Years

	<u>Number of Patients</u>	<u>Enrollment</u>	<u>% Rate per 1000 Students</u>
1958-59	875	21,552	4.1
1959-60	1,539	22,381	6.9
1960-61	2,271	24,281	9.4
1961-62	2,730	25,105	10.9
1962-63	3,261	26,305	12.5
1963-64	3,716	27,840	13.4
1964-65	4,105	29,220	14.1
1965-66	5,051	29,682	17.0
1966-67	4,720	30,744	15.4

Table 11

MCKINLEY HOSPITAL

Departmental Services

		<u>1966-67</u>	<u>1965-66</u>	<u>Per Cent Increase or (Decrease)</u>
Radiography, Patients		10,425	9,996	4.29
Health Center	9,170		8,521	
Hospital	1,255		1,475	
Radiography, Procedures		21,969	20,633	12.91
Health Center	18,078		16,010	
Hospital	4,891		4,623	
Fluoroscopy, Patients		333	329	1.2
Health Center	264		248	
Hospital	69		81	
Laboratory Procedures		59,210	51,968	13.93
Health Center	46,016		39,407	
Hospital	13,194		12,561	
Physical Therapy, Patients		3,903	4,021	(2.93)
Health Center	3,238		3,370	
Hospital	665		651	
Physical Therapy, Treatments		4,632	4,702	(1.48)
Health Center	3,799		3,902	
Hospital	833		800	
BMR-Kinemometer		305	154	98.04
Electrocardiograph		573	437	31.12

Table 12

DIVISION OF MENTAL HEALTH

Utilization of Service

	<u>Number of Patients</u>	<u>Rate per 1000 Students</u>	<u>Number of Consultations</u>	<u>Per Cent Increase</u>
1958-59	208	8.6		
1959-60	395	15.9	1935	9.0
1960-61	480	18.5	2152	21.5
1961-62	540	19.7	3120	12.5
1962-63	649	24.5	3801	20.2
1963-64	832	27.6	3970	28.2
1964-65	906	31.2	3660	8.9
1965-66	1021	33.9	4641	11.2
1966-67	1126	35.6	5772	9.3

Table 13

DIVISION OF MENTAL HEALTH

Types of Illness

	<u>1966-67</u>		<u>1965-66</u>	
	<u>Patients</u>	<u>Per Cent</u>	<u>Patients</u>	<u>Per Cent</u>
Psychoneurosis	262	23.3	264	25.9
Personality Disorders	357	31.8	270	26.5
Psychophysiological Reaction	50	4.5	57	5.6
Transient Situational				
Personality Disorders	226	20.1	175	17.1
Psychoses	73	6.2	77	7.6
Without Mental Illness	103	9.2	104	10.2
No Diagnosis	26	2.3	51	4.9
Organic Brain Disorders	<u>29</u>	<u>2.6</u>	<u>23</u>	<u>2.2</u>
Total	1126	100.0	1021	100.0

Table 14

DIVISION OF MENTAL HEALTH

Duration of Treatment

	1966-67		1965-66	
	<u>Number of</u> <u>Patients</u>	<u>Per Cent</u>	<u>Number of</u> <u>Patients</u>	<u>Per Cent</u>
1 hour	332	29.5	326	31.9
2 hours	224	19.9	201	19.7
3 hours	119	10.6	118	11.6
4 hours	91	8.1	56	5.4
5 hours	54	4.8	61	5.9
6 to 10 hours	161	14.3	138	13.6
Over 10 hours	<u>145</u>	<u>12.8</u>	<u>121</u>	<u>11.9</u>
Total	1126	100.0	1021	100.0

Table 15

DIVISION OF MENTAL HEALTH

Classification of Patients

	1966-67		1965-66	
	<u>Number</u>	<u>Rate per 1000</u>	<u>Number</u>	<u>Rate per 1000</u>
Students	(1009)	(35.6)	(915)	(33.9)
Freshmen	145	25.0	163	26.6
Sophomores	194	38.7	142	31.3
Juniors	168	38.1	115	31.1
Seniors	159	34.2	167	35.1
Master's Candidates	217	54.3	184	55.9
Doctoral Candidates	111	27.7	122	31.8
Unclassified	15	--	22	--
International Students	(47)	(39.2)	(39)	(33.9)
Non-Students	(117)		(106)	
Spouse	18		9	
Nonacademic	85		70	
Faculty	9		16	
Faculty Family	1		3	
Other	<u>4</u>		<u>8</u>	
Total	1126		1021	

Table 16

DIVISION OF MENTAL HEALTH

Disposition of Patients

	1966-67		1965-66	
	<u>Number of</u> <u>Patients</u>	<u>Per Cent</u>	<u>Number of</u> <u>Patients</u>	<u>Per Cent</u>
Further treatment not indicated	880	78.1	786	76.9
Receiving therapy at end of year	126	11.2	93	9.2
Referred to other agencies:				
Student Counseling Service	27	2.4	33	3.2
Private psychiatric care	26	2.3	35	3.5
State mental hospital	11	1.0	6	.5
Outpatient psychiatric clinic	19	1.7	26	2.6
Private mental hospital	1	.1	1	.1
Private physician	20	1.7	31	3.0
Social casework agency	3	.3	2	.2
Other psychiatric				
inpatient agency	1	.1	1	.1
Other	<u>12</u>	<u>1.1</u>	<u>7</u>	<u>.7</u>
Total	1126	100.0	1021	100.0

Table 17

DIVISION OF MENTAL HEALTH

Sources of Referral

	1966-67		1965-66	
	<u>Patients</u>	<u>Per Cent</u>	<u>Patients</u>	<u>Per Cent</u>
Health Service Physicians	333	29.5	348	34.0
Self-Referred	509	45.5	405	39.6
Security Office	10	1.0	12	1.2
Academic Dean	16	1.4	17	1.7
Other Physician	48	4.2	43	4.2
Student Counseling Service	37	3.2	40	3.9
Administrative Dean	37	3.2	25	2.5
Clergy or Religious Advisor	12	1.2	9	.8
Other Student	59	5.2	35	3.5
Faculty Member	5	.4	18	1.8
Housing Counselor	8	.7	12	1.2
Champaign County Mental Health Clinic	1	.1	2	.2
Family Service	3	.2	1	.1
Psychological Clinic	1	--	--	--
Parent	12	1.1	18	1.8
Other Off-Campus Agencies	<u>35</u>	<u>3.1</u>	<u>36</u>	<u>3.5</u>
Total	1126	100.0	1021	100.0

Table 18

DIVISION OF ENVIRONMENTAL HEALTH

Sanitation Inspections

	<u>Number of Inspections</u>
Residence Halls	44
Fraternities	106
Sororities	54
Men's Off-Campus Housing	37
Women's Off-Campus Housing	28
Snack Bars	6
Other University Facilities	29
Vending Machines	57
Miscellaneous	
Temporary food booths for special events	20
Approval of proposed food service plans	2
General	<u>13</u>
 Total	 396

Table 19

DIVISION OF ENVIRONMENTAL HEALTH

Accidental Injuries by Location

On-Campus Location	
Academic building	444
Laboratory	401
Shop	80
Residence hall	806
Service building	210
Place of public assembly	67
Athletic facility	1323
Grounds	355
Street, walk, steps	391
Other	<u>377</u>
Total	4454
Off-Campus Location	
Recreation area	267
Place of employment	49
Home or other residence	647
Fraternity or sorority	311
Street or highway	369
Walkways	65
Store, public building, etc.	56
Other	<u>127</u>
Total	1189

Table 20

DIVISION OF ENVIRONMENTAL HEALTH

Accidental Injuries by Activity

Instruction	247
Research	240
Maintenance or Construction	225
Service	508
Daily Living	1442
Pedestrian	295
Vehicle Use	403
Varsity Sport	46
Intramural Sport	444
Physical Education	489
Recreation	1128
Other	<u>878</u>
Total	6345

Table 21

DIVISION OF ENVIRONMENTAL HEALTH

Accidental Injuries in Sports

Football	395
Basketball	409
Baseball	178
Handball	48
Soccer	2
Volleyball	84
Wrestling	65
Personal Defense	68
Tennis	43
Swimming	67
Ice Skating	56
Other	<u>661</u>
Total	2076

Table 22

DIVISION OF HEALTH SCIENCE

Annual Enrollments

	<u>Course Number</u>					<u>Total</u>
	<u>104</u>	<u>110</u>	<u>200</u>	<u>206</u>	<u>216</u>	
1957-58	789	128	--	387	22	1326
1958-59	1126	105	--	406	17	1654
1959-60	1459	144	38	403	16	2060
1960-61 *	1370	172	27	371	10	1950
1961-62	1249	115	51	394	20	1829
1962-63	943	117	75	551	15	1701
1963-64	804	93	131	677	25	1730
1964-65 **	678	70	102	590	25	1465
1965-66	326	26	67	568	21	1008
1966-67	111	26	54	654	25	870

* Last year of required Health Science for Commerce students

** Last year of required Health Science for students in Physical Education for Men and Elementary Education

Summer enrollment included

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