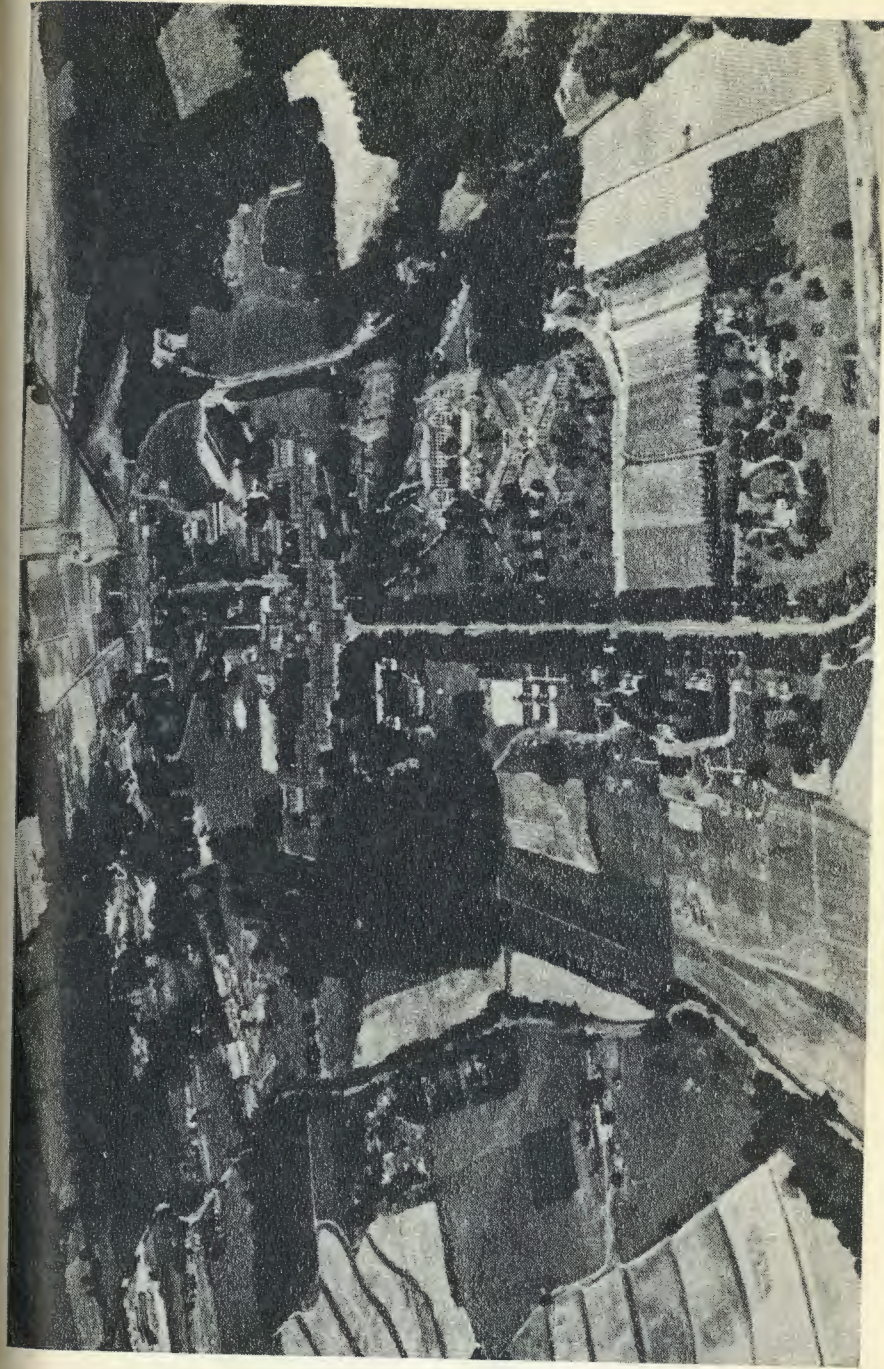
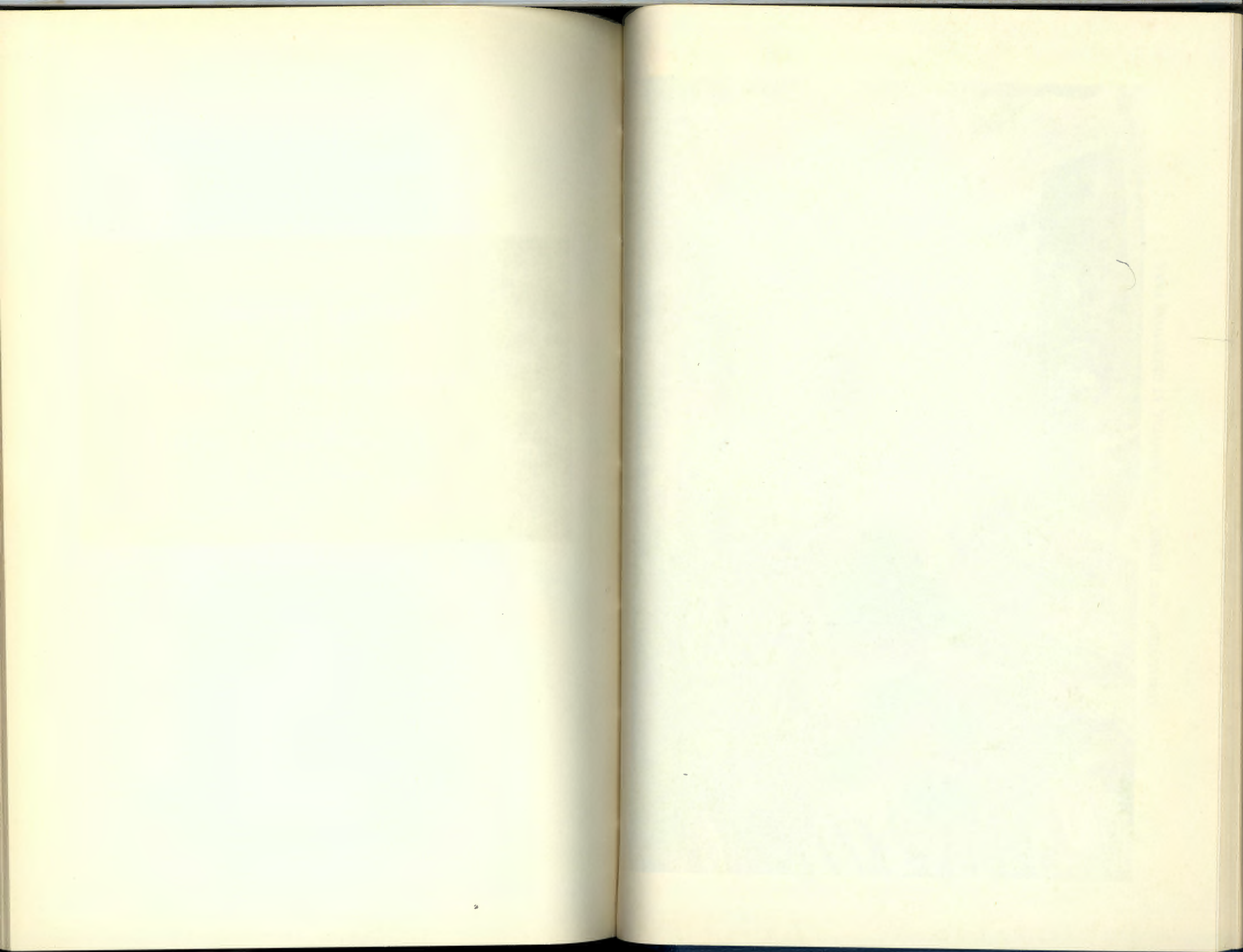
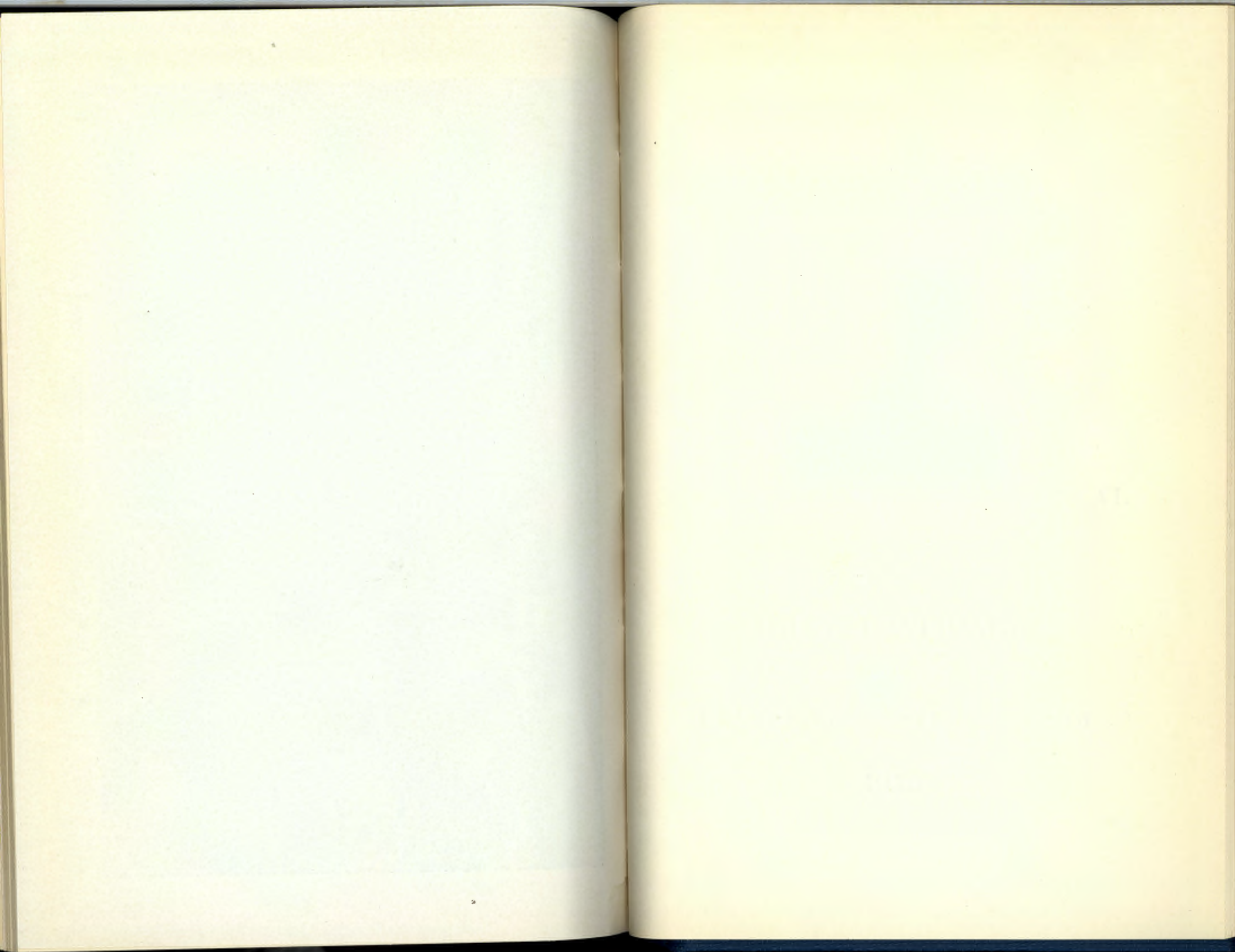


Annual Report
OF THE
Managers and Officers
OF THE
New Jersey State Hospital
At Greystone Park



AERIAL VIEW — NEW JERSEY STATE HOSPITAL AT GREYSTONE PARK





THE
EIGHTY-FOURTH ANNUAL REPORT
OF THE
MANAGERS AND OFFICERS
OF THE
NEW JERSEY STATE HOSPITAL
AT
GREYSTONE PARK
FOR THE YEAR ENDED JUNE 30TH
1959

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LAWRENCE C. KOLB, M.D., F.A.P.A.	Psychiatry
LAURENCE M. COLLINS, M.D., F.A.C.S.	Forensic Psychiatry

APPROVED
by the
AMERICAN MEDICAL ASSOCIATION
Council on Medical Education and Hospitals
for
RESIDENCY PROGRAM IN PSYCHIATRY

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THEODORE GEBIRTIG, M.D.

Assistant Medical Superintendent

WILLIAM H. LONGLEY, JR., M.D.

Clinical Director

JOHN T. NEAL, JR.

Business Manager

HOSPITAL STAFF

Clinical Psychiatrists: Drs. Raymond J. Harquail, Daniel G. Melvin, Joseph Donovan, Edward I. Kessler, Helen I. Anderson, Amedeo Esposito, Frank D. Fenimore and Hubert Felger.

Senior Physicians: Drs. Gerald W. Snyder, John Ma and Aksel Pustroem.

Physicians: Drs. Livio Mocenigo, Myron Dolinsky, Helen Mamantov, Elmar Kurzbach, Anton Jurkans, *Eugene Hrabarchuk, *Jose Navarrete, Joannes Cap, Julian H. Zaborowski, Wolfram R. Roscher, Sing Bea Chang, **Vincent Inceciyan, Natalia Woronczuk, *Elizabeth C. Willemsen, *Bedia Ardali, *Cahit Ardali, Wolodymyr Zankiw, Romuald E. Klimkiewicz, Lydia Holinaty, *Fernando Orioli, Telesfor Jankowski, *John H. Hirschberg, Charles F. C. Jones, William A. Marshall, Joseph A. DeMunecas, Michal J. Rostafinski and Cesar A. Munoz.

Resident Psychiatrists: Drs. Adam Colonna-Czosnowski, Friedrich R. Racke, *Ingeborg Nessler, *Harvey Kornblit, Gaetano Ruggieri, Paul D. Valvo, Antonina Cap and *James Watt.

Pathologist, Dr. Abraham J. Gitlitz; Neurologist, Dr. Fred A. Mettler; Proctologist and Urologist, Dr. Marshall D. Hogan; Cardiologist, Dr. Albert Abraham; Roentgenologist, Dr. Oscar H. Cohen; Electroencephalologist, Dr. Joseph F. Zigarelli; Ophthalmologist, Dr. Seymour S. VanWiemokly; Neuro-Surgeon, Dr. Henry R. Liss; Senior Staff Dentist, Dr. William J. Byatt; Senior Clinical Psychologist, Dr. Stanley Liutkus; Chiropodist, Dr. Frank J. Gasser; Pharmacist-in-Charge, John V. Callery, R.P.

Director of Nursing, Laetitia M. Roe, R.N.; Chaplains, Fr. John J. White, the Rev. George R. Tolson, *the Rev. Carl E. Nelson and the Rev. Dr. John C. vanDyk; Director of Psychiatric Social Work, Herman Carter; Director of Out-patient Psychiatric Social Work, Mildred H. Hurley; Coordinator of Activity Therapies, Lucille Boss; Director of Occupational Therapy, Fred Odhner; Supervisor of Recreation, Dorothy E. Johnson; Senior Librarian, Flora Bel Dayton.

Assistant Business Manager, Richard R. Gessner; Institutional Personnel Officer, Richard E. Winans; Engineer-in-Charge, Maurice A. Chaillet, Jr.; Building Service Supervisor, Graham B. Tunis; Farm Supervisor, James B. Stuart; Food Service Supervisor, John Evans; Chief Security Officer, Sgt. Philip P. O'Reilly, NJSP; Institutional Fire Chief, Charles H. Acker.

*Resigned; **Leave.

TABLE OF CONTENTS

	Page
Report of the Board of Managers	9
Population by Counties	11
Treasurer's Report	12
Report of the Chief Executive Officer, Introductory	13
Health	13
Statistical Resume	14
Clinical Department	15
Clinical Director's Report	15
Shock Therapy	23
Roentgenology and Electrotherapy	23
Tuberculosis	24
Surgery	25
Urology and Proctology	25
Dentistry	26
Chiropractic	26
Pathology and Bacteriology	26
Staff Matters	27
Eye, Ear, Nose and Throat	29
Resident Training	30
Appointments and Resignations	31
Health Services for Employees	31
Nursing	32
Religious Services	35
Social Service	36
Psychology	38
Activity Therapies	39
Pharmacy	40
Physical Therapy	40
Barber Shops	40
Identification	40
Medical Records	41
Mental Hygiene Clinics	41
Outpatients	41
Business Department	41
Recommendations	49
Loss of Employees by Retirement or Death	52
Distinguished Visitors	53
Conclusion	54
Statistical Tables—Standard Forms	Appendix

Report To The Commissioner

To The Honorable John W. Tramburg,

Commissioner of Institutions and Agencies:

The members of the Board of Managers of The New Jersey State Hospital at Greystone Park present to you their eighty-fourth report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1959.

This Board is proud of the fact that the hospital has been able to expand and intensify its treatment program for our patients during the past fiscal year in spite of difficulty in recruiting adequate graduate nurses, institutional attendants, and other nursing personnel. We recommend to you, Commissioner Tramburg, and to the management of the hospital, that this forward program be continued, which should enable the hospital to reduce the actual population in the hospital to about 5,000. The number of patients on the records was decreased approximately 500 during the past fiscal year. In our effort we respectfully ask your cooperation in transferring adults and children who are not properly classified in this hospital to an appropriate institution. Considerable progress has been made in our accreditation program, and we are satisfied that the hospital management has done everything within its power to comply with the requirements for accreditation. We look forward to full hospital accreditation during the coming year.

We are sincerely grateful to you and President Wescott of the Board of Control for your cooperation and guidance, and our conferences with you have been of great assistance to this Board in planning our program.

On July 1, 1958, there were 6,262 patients on the records of the hospital; on June 30, 1959, there were on the books 5,761 patients, a decrease of 501 patients - 237 men and 264 women. At the close of the year there were 5,302 patients resident in the hospital, including 86 on temporary visit and 71 carried on the Family Care Program; 433 were out of the hospital on convalescent leave; 25 as missing and 1 patient was being carried on medical-surgical care at the Trenton State Hospital. During the year there were admitted 1,721 patients, of which 1,190 were first admissions. The discharges numbered 1,604 regularly

discharged, 554 were recovered, 1,016 improved, 10 unimproved, and 24 without mental disorder. The deaths numbered 523 and the total number under treatment was 7,983. The total number transferred to other institutions was 95.

Twelve regular meetings of the Board were held during the year with an attendance of 68; committee meetings and visits number 76, which made 144 recorded visits to the hospital by Board members. In addition, there were conferences held off the grounds or outside office hours which are not listed in the official records.

President Polow and Mr. Dwyer had perfect attendance, Mr. Evans and Mr. Hedden were absent only once, Mrs. Everett was absent twice. Doctor Scheele attended 7 regular meetings and Mrs. Johnson attended 5.

Mrs. Eads Johnson retired from the Board for the reason that it was necessary for her to be out of the State of New Jersey for prolonged periods, and Mrs. William Gurtman was appointed to succeed Mrs. Johnson for a term of three years beginning July 1, 1959.

The Committee on Annual Report has received and reviewed the annual report submitted by Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, and concurs in his comments and recommendations.

We have worked closely with our hospital and are aware of the needs for the coming year. All budget requests have been thoroughly studied by us, and we feel the requests are not only justified but they are necessary if the management is to provide the very best care and treatment to our patients.

We close the fiscal year with a vote of thanks to you and your entire department for your support in our endeavors. We also express to Doctor Crandell and his entire staff our appreciation for the faithful service rendered the hospital during the year.

Respectfully submitted,

BERTRAM POLOW, *President*
SCRIVEN S. EVANS, JR., *Vice-President*
RUTH STILES JOHNSON
MICHAEL A. DWYER
VERA M. EVERETT
LEONARD A. SCHEELE, M. D.
WILLARD M. HEDDEN

Census

Population of New Jersey by Counties

	1950	1958	Gain
Atlantic	132,399	154,500	22,101
BERGEN	539,139	682,600	143,461
Burlington	135,910	180,400	44,490
Camden	300,743	364,600	63,857
Cape May	37,131	44,800	7,669
Cumberland	88,597	103,000	14,403
ESSEX	905,949	995,000	89,051
Gloucester	91,727	114,900	23,173
Hudson	647,437	662,400	14,963
Hunterdon	42,736	49,200	6,464
Mercer	229,781	274,400	44,619
Middlesex	264,872	359,000	94,128
Monmouth	225,327	304,100	78,773
MORRIS	164,371	214,000	49,629
Ocean	56,622	81,900	25,278
PASSAIC	337,093	382,500	45,407
Salem	49,508	57,200	7,692
Somerset	99,052	127,200	28,148
SUSSEX	34,423	39,800	5,377
Union	398,138	486,500	88,362
Warren	54,374	61,800	7,426
Totals	4,835,329	5,739,800	904,471

The Five counties served by

GREYSTONE PARK	1,980,975	2,313,900	332,925
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Financial Report of Cash Receipts and
Disbursements for the Fiscal Year
Ended June 30, 1959

RECEIPTS

From:	
Atlantic County.....	323.35
Bergen County.....	809,107.62
Burlington County.....	818.96
Camden County.....	3,514.98
Cumberland County.....	1,715.48
Essex County.....	810,597.83
Gloucester County.....	2,331.88
Hudson County.....	257,724.88
Hunterdon County.....	3,570.14
Mercer County.....	537.43
Middlesex County.....	25,320.02
Monmouth County.....	16,905.38
Morris County.....	322,843.57
Ocean County.....	7,451.80
Passaic County.....	973,438.19
Salem County.....	893.35
Somerset County.....	7,175.24
Sussex County.....	57,383.52
Union County.....	90,006.01
Warren County.....	3,525.99
Non-Indigent Patients.....	552,591.09
State Contributing Patients.....	46,452.44
Excess Maintenance Collected by Counties.....	70,950.31
Maintenance Recovery.....	187,437.87
Miscellaneous Receipts.....	18,181.59
Total.....	\$4,270,798.92

DISBURSEMENTS

Amount of Collections Deposited with State Treasurer.....	\$4,270,798.92
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Report of the Chief Executive Officer

To the Board of Managers:

I have the honor to present this, the eighty-fourth annual report of The New Jersey State Hospital at Greystone Park, which covers the fiscal year ending June 30, 1959.

With the termination of the mental hygiene clinics, a newly-established outpatient department has taken over the furnishing of service to patients outside the hospital, both to those who have never been on our rolls and also to those who have previously been in-patients here. This required a major revision of the social service department, which now includes all social workers, wherever assigned. The number on family care was almost doubled. With the setting up of a special area for geriatric care, the Reception Building was relieved of many elderly patients and a more vigorous therapeutic program was made possible for newly-admitted patients. The size and scope of the psychology department has been expanded.

There has been some improvement in staffing, with a greater number of employees on duty and a marked decrease in our employment turnover.

The year has been an active one, with an increase in the number of patients admitted, a greater number of patients discharged and a decrease in the number of patients in the hospital at the end of the year. The number of patients on convalescent leave was drastically decreased since the outpatient department offers service to all former hospital patients.

Health

The health of the patient population as well as the employees of the hospital has been generally good throughout the year. Careful examination was made of all new employees, which included laboratory tests and also psychiatric screening where indicated. All patients had a thorough physical, mental and laboratory examination on admission. Initial chest x-rays were made on new employees and new patients alike, and the entire population was given a routine x-ray recheck twice during the year. Food handlers were examined at frequent intervals.

Statistical Resume

General Data: During the year ending June 30, 1959, there were admitted 1,721 patients (843 men and 878 women). This figure is 21 more than last year. The admissions included 1,190 first admissions (618 men and 572 women), 496 readmissions (211 men and 285 women), 26 transfers from other similar hospitals of New Jersey (14 men and 12 women) and 9 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 20 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950). The number of patients discharged, including deaths, was 2,222 (1,080 men and 1,142 women), making a decrease of 501 patients on the books at the close of the year.

There were under treatment during the year 7,983 patients (3,717 men and 4,266 women), which was 246 less than the preceding year. The maximum census for the year was 6,359, obtained on September 8th, and the highest number actually in the hospital at any one time (including temporary visit and family care) was 5,489 on July 2nd and 16th. The average daily number in the hospital (including family care) was 5,267. At the close of the year there were in the hospital 5,216 patients (2,389 men and 2,827 women), including 71 patients (24 men and 47 women) carried on family care; 433 patients (187 men and 246 women) were carried on convalescent leave; 86 patients (35 men and 51 women) were carried on temporary visit; 25 patients, all men, were carried as missing and one patient, a man, was carried on medical-surgical treatment at the New Jersey State Hospital at Trenton. This is a decrease of 334 patients outside the hospital and a decrease of 167 patients actually in the hospital at the close of the year.

Discharges: The total number of those discharged was 1,590 (759 men and 831 women). Of this number 554 (288 men and 266 women) were considered to have recovered from their psychoses. This is 46.6 per cent, based on the number of first admissions, which is one per cent less than last year. A total of 1,016 patients (455 men and 561 women) were discharged as improved, or 85.4 per cent, which is 4.8 per cent more than last year. The manner of discharge of the remaining patients was as follows: 10 (7 men and 3 women) unimproved and 10 (9 men and 1 woman) without mental disorder. In addition to those discharged, 95 patients (56 men and 39 women) were transferred to other similar

hospitals in New Jersey; also, 14 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution. The discharge figures include 30 men, 2 of whom were transferred to the Vroom Building at the New Jersey State Hospital at Trenton, committed under the Sex Offenders Act (Chapter 207, Laws of 1950).

Deaths: During the year 523 patients (265 men and 258 women) died. This is a death rate of 6.55 per cent, based on the number under treatment, and is .29 per cent less than last year.

The average age at death was 72.62 years, .23 year lower than last year.

Clinical Department

The immediate supervision and direction of the medical program has been given by the clinical director, Dr. William H. Longley. He completed 22 years at this hospital and during the past year his vigorous efforts and unflinching interest have resulted in further improvements. His report follows.

Clinical Director's Report

In the year just ended we have been working to modernize our staff structure and functioning, our treatment methods, our physical organization, and our training programs. Some of this resulted from immediate necessities such as the need to regain our accredited status as a hospital approved for the care and treatment of psychiatric patients; and other activities, such as setting up a geriatric area and clearing the Reception Building for active treatment cases, are the outcome of planning that has been in progress for several years.

The most urgent problem we faced was that of getting back our approval by the Joint Commission on Accreditation of Hospitals. Of course, we were not alone in our dilemma because other state and county institutions throughout the State had also received notices that they were not considered to be handling their situations adequately. Conferences involving Boards of Managers, superintendents, the Central Office and representatives of the Joint Commission resulted in reaching the conclusions that this would be a good opportunity for each institution to do a thorough housecleaning because correctible faults had been found everywhere, another inspection in a year would be helpful

as a recheck on policies and practices that needed updating, and the institutions were to be safeguarded next time by taking into account the fact that psychiatric hospitals must of necessity be judged by different standards than institutions caring for acute medical and surgical cases. With this in mind we have reorganized our staff structure, modernized the old constitution and by-laws of the medical staff, revamped old methods and rewritten a procedure manual, produced a new hospital formulary, streamlined the consultation routines and established a new medical records system for the acute medical and surgical cases, as well as participating in a general review and recasting of the records to be kept on all patients of this hospital in an effort to conform to a standard to be set up for all state hospitals in New Jersey. In order to get a wider dissemination of "inspection-consciousness" we have been 'inspected' by Dr. Davidson of Overbrook during the year, and Drs. Gebirtig and Longley have participated in a dry-run inspection at Marlboro and in the statutory annual inspections by the Central Office of the Essex and Bergen County psychiatric hospitals. All this experience, and the opportunity to visit other hospitals such as the June visit to the Hudson River State Hospital at Poughkeepsie and the Rochester (N.Y.) State Hospital to learn about their ways of running "open ward" hospitals, day hospitals, and maintaining a continuity between pre-hospital, hospital, and post-hospital care, has done a great deal to increase our familiarity with modern hospitals, hospital standards, and the integration of hospitals and other community resources for the care of the mentally ill.

With respect to the physical reorganization of the clinical care of patients, we were finally able this year to set up a geriatric area and unclog the Reception Building, which had seemed to become unendingly and increasingly choked with organic cases in the older age group. With considerable shuffling of younger patients out of the Dormitory Building and down to the Main Building where they would be with other young patients their own age, and with a review of the status of convalescent tuberculous patients we were able to make a space in Dormitory I and in Units A and B where the older patients could be treated and kept together. We think the philosophy of the situation is right because the amount of infirmary space available should be high for persons in this category, and the problems of emotional stability and social adjustment show much in common for these patients while at the same time they

differ a great deal usually from the problems of youth and young adulthood which beset other patients. The principle of grouping these patients together allows the more effective use of nursing personnel since certain infirmary cases will have a concentration of medical problems and other areas will be freed to concentrate on the necessary routines connected directly with psychiatric rehabilitation. The Reception Building used to have so many of its beds occupied by senile patients for whom there was no place in the other buildings that the patients of the younger age group had to be interrupted in a course of therapy and prematurely transferred or discharged just to make way for new admissions as they came in. Sometimes the change of doctors seemed to do the patient good, and sometimes it disconnected a rapport that had been established and was showing promise of being very useful. It is much more common now for a patient to be able to stay with the same doctor in therapy until he is ready to go home.

In the past year our treatment methods have been under constant review and at this time we feel much progress is being made though we are by no means at a point where we can coast. The reorganization of the social service department has put several workers on the wards where they see patients and make a contact soon after admission and again in time to participate in pre-release planning. Meanwhile, the medical staff has been exposed to a "treatment plan outline" for each patient which graphically draws attention to the continuity of treatment from the time of admission through the post-hospital phase, and at the same time emphasizes that the complete course of treatment is much more than treating the patient's excitement, agitation, intoxication, etc., and also should include if at all possible the patient's habit patterns and the aspects of his personality insofar as they contributed to the upset. We are only giving medical treatment to a patient in delirium tremens or an anxiety state if we calm him down and do not find out what is behind it, why he drank so much as to cause hospitalization or got so upset he had to seek help. A chief or assistant chief of service in setting up a treatment plan interviews the patient and draws some conclusions about the probable classification category, notes whether medical or emotional components are more prominent, and the accessibility of the patient when the the emotional factors are uppermost. He decides how to improve the accessibility and ready him for the next phase, the treatment of the emotional factor, when that is possible. Finally, there is the con-

ference with the social worker in determining what will be recommended in the after-care phase and what arrangements need to be made to implement the plan. During the year there has been increased liaison between the disciplines and the establishment of ward teams, conference schedules, and the extension of patient self-government. Some thought has been given to extending our hospital in the direction of increasing the number of patients and wards with open-door freedoms. We have in the neighborhood of 20 per cent of our patients now that can be said to live on wards where they either literally have unlocked doors or they may come and go just by asking. I believe this number can be materially increased in safety and with benefit to the patient and his course in the hospital.

Our census continues to decrease gradually although total admissions were practically the same as the year previous. The average daily number in the hospital was 5,267 as compared to the former year figure of 5,387. The census dropped 166 and there were 501 less on the books at the end of the year. We had 878 women and 843 men come in during the year for a total of 1,721, which exceeds the preceding year by 21. Of this number 1,190 were first admissions (572 women and 618 men) and 496 readmissions (285 women and 211 men). Special cases and inter-institutional transfers accounted for the remainder with 20 sex offenders arriving and 30 being released, including 2 transferred to the Trenton State Hospital. It is noticeable again that men outnumber the women in first admissions while women are more frequently readmitted than men. This has been a continuous trend for many years and now leads to some interesting speculations about the possible reasons for it. Do the women get out too soon, do husbands effect fewer changes in their relationship to a spouse returned to the home than wives do, are women more fragile than men, are home pressures worse on women than on their husbands? Perhaps security is more needed by women than by men so that confidence, once shattered is prevented from being regained so easily. Perhaps men have more ways of restoring self-confidence and security since they are accustomed to an active role and taking the initiative.

In 1958-59 we discharged 1,590 patients, 831 women and 759 men. We listed 554 as recovered and 1,016 as improved, divided as follows between the sexes: 266 women and 288 men, recovered; and 561 women and 455 men as improved. It is good to note that there were 38 less

readmissions. This may not be a significant reduction, 7 per cent of last year's readmission figure, but it may very well reflect the work of the new outpatient department which only operated as such since five months ago. The casework offered and the psychotherapy made available could have kept this number of patients on an ambulatory basis.

We had 523 deaths during the year, of whom 258 were women and 265 were men. Three-quarters of the deaths were in the age range 55 to 85; there were no epidemic outbreaks. The pathology department performed 147 autopsies and the County Physician had 15 cases, giving an autopsy percentage of 30 per cent, which fulfills the requirement of the American Medical Association and the Joint Commission for Accreditation and approval for residency training. A list of Residents was posted in the laboratory so they could be called when an autopsy was scheduled. A doctor from the service the patient resided on was called to be present to give information to the pathologist regarding patient's last illness.

The social service department, whose individual report appears later, underwent a major changeover in its amalgamation with the former mental hygiene clinic staff, realignment of duties and objectives, and the joint group lining up in a more concrete way with a roster of doctors from the in-patient staff to operate as the newly established outpatient department. The general aims of the outpatient department are chiefly to concern themselves with the post-hospitalization phase of treatment of our former in-patients, screen patients who seek voluntary admission to the hospital, limit themselves in ambulatory treatment of non-hospitalized cases to those persons unable to get help elsewhere, and perform a service for others who inquire for help to the extent of assessing their problems and helping them make connections with a suitable agency, clinic or psychiatrist in their home community. This change in function envisages and has permitted a much more active involvement with patients who are still in the hospital. Workers have been assigned to several of the services of the hospital where they see the patients shortly after admission for an initial contact and later they enter the planning of post-hospital care with the increased effectiveness of a worker already familiar with the case. The outpatient department automatically assumes responsibility for patients on convalescent leave and family care and invites discharged former patients to come in when they have a problem with which they would like help. The vista of integrated treatment is

proving to be very interesting and exciting to those participating in it. Inactive cases are kept to a minimum by putting patients on convalescent leave status only if there is actual treatment or casework to be done. Some patients with a history of considerable recidivism are put on inactive convalescent leave status only to save work and expense to the family if rehospitalization is necessary, but all others are discharged with the invitation to phone for an appointment if they wish to see us. This establishment of a formalized clinic structure is being used to give second and third-year residents training in this aspect of psychiatry and adds much to their awareness of the breadth of psychiatric help that patients need.

The psychology department has had a quite productive year. Further refinements were made in the screening tests given to all new admissions and a considerable number of individual tests were given patients when there was a diagnostic problem or when the patient was about to be started on individual therapy. The work was made easier for members of the department by moving into new offices on the first floor of the Reception Building where social service formerly was located. There is room for individual offices and conference room space as well. The staff has performed a wide range of duties including much teaching and a very welcome and appreciated amount of individual and group psychotherapy; set up programs for a part of the open house activities and was host to the other psychologists in the State system. Some personnel changes have been made in the department as detailed in their separate report and careful recruitment has kept the group at a superior operating level. Dr. Liutkus and the members of his department are building themselves a statewide reputation for being progressive in their outlook, congenial to work with, and getting their work done well.

The shock therapy service under Dr. Esposito, assisted by Dr. Klimkiewicz, admitted 347 patients to its wards for insulin or combined shock treatment, and supervised the administration of ambulatory electric shock to 791 patients in other buildings. Slightly less than 6,500 ambulatory ECT treatments were given throughout the other hospital services during the year. This number of treatments is consistent with the number given last year and we continue to find the use of tranquilizers having a profound effect in reducing the amount of this treatment modality. It is notable that the tuberculosis and Dormitory services are not using electric shock any more, and the numbers of patients receiving

this treatment is far below the figures of a half-dozen years ago. The service has continued to offer individual and group psychotherapy to the accessible patients on its wards, and has also served periodically throughout the year as a training area for junior doctors becoming familiar with insulin and electric techniques.

Regular staff meetings have continued to be held five times each week for the diagnosis and release of patients, as well as to consider in special cases matters of competency, driving privileges and the possible need for guardianship. These meetings have been attended by the affiliate nurses, psychiatric technician trainees and clinical pastoral trainees as part of their regular teaching experience in the hospital. During the latter part of the year 'screening' staff meetings were held on the various services to consider the diagnosis and release of simple organic cases, so that only the more intricate cases or those with special angles for teaching would be brought to the formal staff conference. The clinical psychiatrist in charge of the area, the chief of service, the staff physicians and residents composed the personnel of these screening staff meetings. A provisional diagnosis is made on all new admissions and the patients are assigned each week to members of the staff for special study, diagnosis and treatment.

The training activities conducted for the regular staff and for psychiatric residents still need a full time director. At present the operations are directed from the clinical director's office. Seminars, clinical case conferences, clinical pathological conferences, journal club sessions and conferences on therapy were conducted as scheduled. Individual proctoring of residents was done on a regularly scheduled basis each week and time was made available at once for discussions of problems connected with patients in therapy. An improved intercom system was obtained for the one-way screen room and there was a rapid response to its acquisition in terms of use of the equipment by the residents. During the year Drs. Felger, Colonna and Racke completed the required list of training experiences which included a 3-month child psychiatry affiliation at the New Jersey Neuro-Psychiatric Institute and an assignment to do psychiatrically-oriented interviews on certain selected patients assigned during ward rounds at the Morristown Memorial Hospital. The second- and third-year residents were assigned on the roster of doctors attending the outpatient department. Doctors completing the second-year training activities were Drs. Ruggieri and Valvo; Dr. Antonina Cap

and Dr. James Watt were on first-year residency assignment and completed the lectures and conferences satisfactorily. Final approval for third-year psychiatric training has not yet been officially granted but we are awaiting an inspection which we hope will produce a favorable result. During the year we accepted affiliation with St. Clare's Hospital in Denville and Overlook Hospital in Summit under the terms of which we will get interns and residents from those hospitals for a two-week full-time stay to familiarize them with the breadth of psychiatric approaches to treatment. The affiliating doctors will not be given the idea of becoming apprentice experts, but will be allowed to think of their visit here as a prolonged tour of the hospital.

This past year has seen us make definite and significant changes in our ways of handling patient care. We know it is going in the right direction and we are setting the situation so that in the coming year we will be able to progress very naturally and easily into those aspects of our work which have been occupying the thoughts of other psychiatrists throughout the country: More open wards, better continuity of treatment and use of community resources through the hospital and into the post-hospital phase of therapy, and an increased attention to the problems of geriatric patients. We are pleased that our training efforts are paying off some dividends in producing a chief of service and two assistant chiefs of service for the medical staff. After last year's losses this is a very great and a much appreciated help. The tensions associated with loss of accreditation were uncomfortable, but a winning effort is supposed to tax one's resources. We know what it feels like to be shaken out of our lethargy and complacency and made to straighten up and be a better hospital.

The following is a summary of the movement of non-resident and deportable cases during the year:

Transferred to mental hospitals outside the state	5
Transferred to mental hospitals within the state	95
Transferred to the North Jersey Training School	7
Transferred to New Lisbon	1
Removed by relatives, discharged or died	23

Shock Therapy

The operation of the shock therapy service, where combined therapy, particularly with insulin and electroshock, is administered, was continued by Dr. Amedeo Esposito. Of the patients who received this intensive

therapy during the year, the largest percentage was schizophrenics hospitalized for more than two years. Of the 113 men who completed treatment, 81.4 per cent left the hospital, and of the 149 women, 90.5 per cent left on convalescent leave or were discharged. No deaths attributable to insulin coma or electroshock on this service and no major fractures occurred. Since the inception of the use of Anectine intravenously prior to electroshock treatments there have been very few cases of back pain, and most of these have been found to be due to osteoarthritic changes in keeping with their advanced age. To those receiving electroshock alone, without insulin, Sodium Amytal and also Atropine are given prior to treatment. As in previous years, only those patients who have received intensive tranquilizing medication without sufficient improvement have been transferred for the more intensive treatment in the shock therapy service, where various ataractics are utilized as well as weekly group therapy sessions for those clear enough mentally to participate. In addition to the 262 patients on whom treatment was completed, 85 others are receiving treatment; 5,588 insulin treatments and 1,091 with insulin plus ECT required 2,067,029 units of insulin and resulted in 3,571 comas.

Ambulatory electroshock has been given on the various wards throughout the hospital. A total of 1,068 treatments were given in the Reception Building alone. During the past year 86.3 per cent of the patients given ambulatory electroshock left the hospital after treatments, as compared to the 76.1 per cent for the previous year.

Roentgenology and Electrotherapy

The main roentgenology and electrotherapeutic department in the Clinic Building and the smaller unit in the Tuberculosis Building were under the direction of Dr. Daniel G. Melvin. He reports a total of 11,299 exposures made in the Clinic Building, of which 1,327 were of the mandible and maxillae, and 1,173 of the head. Chest x-rays were done on 1,363 newly-admitted patients, 1,165 new applicants for employment and 916 affiliate students, and 496 chest survey rechecks were made. In addition, 534 gastro-intestinal series were performed.

Having served as consultant in x-ray therapy, Dr. Oscar H. Cohen reported that a total of 143 treatments were given to 9 patients (2 men and 7 women); 5 treatments were given to one male employee, and 184 consultations were held. There were also 1,080 films reviewed.

Our cardiac consultant, Dr. Albert Abraham, reported on 568 electrocardiograms, of which 331 were normal and 237 showed some abnormality. He reviewed 397 abnormal chest x-rays, completed 116 consultations, and there were 122 heart survey x-rays.

There were 578 electrotherapeutic treatments given, 312 of which were diathermy.

Tuberculosis

The tuberculosis service has been under the charge of Dr. John Ma, senior physician. In his report for the past year it is noted that 31 men and 16 women were admitted, 5 men and one woman from Marlboro State Hospital, and 8 (5 men and 3 women) from other hospitals; 21 men and 12 women were admitted by transfer from other wards of our hospital. There were 17 patients transferred to other buildings, 13 left on convalescent leave, and 9 were discharged. There were 40 deaths, only 6 of which were directly attributed to tuberculosis.

During the year 59 men and 52 women were considered improved and 30 men and 21 women were considered inactive. The census dropped from 467 to 433 patients, with 75 men and 79 women convalescent and residing in Pavilion II at the end of the year.

The use of tranquilizers and anti-tuberculous drugs has resulted in marked improvement roentgenologically, with converted sputum test results, in many of the far-advanced cases. There were 16,650 doses of PAS and 7,280 doses of Dihydrostreptomycin given, as well as 26,550 doses of Rimifon and 550 doses of Penicillin. Tranquilizer doses included Thorazine 53,215, Serpasil 27,055, Compazine 52,370 as well as 20,770 doses of various other ataractic drugs; 66,500 doses of other oral medications were given.

The number of accidents and the destruction of clothing and furniture have continued to lessen with the use of tranquilizing drugs, and has made possible improved management of the medical and nursing care program. Occupational therapists have treated thirty patients during four sessions each week and have initiated classes for extensive arts and crafts activities which have been conducted on the wards by ward personnel. Recreational therapists have provided indoor and outdoor activities, including weekly movies and bingo parties, and social gatherings.

Through the use of their own special kitchen, the tuberculosis service has supplied special diets as required, special nourishment for all patients and extra nourishment for the employees there.

Dr. Ma has continued his interest in research and during the year has evaluated the effectiveness of a newer drug and has submitted a paper on his studies which is soon to be published by the Medical Society of New Jersey. Dr. Bedia Ardali completed two years of training on the tuberculosis service at the close of the year and returned to Turkey to continue her professional practice.

Surgery

Dr. Edward I. Kessler, F. A. C. S., continued in charge of the surgical service during the year, and was assisted in surgical problems by Dr. Stuart Z. Hawkes, F. A. C. S., consultant in surgery who made monthly rounds on the service.

Dr. Kessler reported that during the year there were 209 surgical procedures performed, of which 113 were major operations, including amputations, herniorrhaphies, radical and simple mastectomies, appendectomies, hysterectomies, vulvectomies, a tracheotomy and a radical groin resection as well as a cholecystotomy and vaginal repairs; there were also open reductions of fractured hips and intra-medullary pinning of fractures of the tibia and humerus and the wiring of a fractured patella. Dr. Sing Bea Chang assisted Dr. Seymour VanWiemokly, eye consultant, with 36 eye operations, and Dr. Marshall D. Hogan performed 12 rectal operations. The entire recording system of the surgical service was revised to meet the requirements for accreditation. Of the 137 fractures, almost one-third were fractures of the hip, all in the older age group; there were 11 deaths.

Our registered nurse anesthetist, Joan C. Fenimore, reported that of the total of 179 anesthetics given, 52 were local, 61 spinal, 48 general and 18 intravenous.

Five babies (2 boys and 3 girls) were born during the year.

Urology and Proctology

Dr. Marshall D. Hogan continued throughout the year as our urology and proctology consultant. He performed 12 rectal operations, made 340 rectal examinations on men and 332 on women, held 165 consultations, and performed 5 prostatectomies. In addition, 10 sigmoidoscopic examinations and 11 cystoscopic examinations were made, and he performed 126 catheterizations.

Dentistry

The dental clinic has been supervised by Dr. William J. Byatt, senior dentist, assisted by Dr. Charles Halstead, with Mr. Patrick DeNapoly as dental technician. During the year there were 4,087 patient visits to the clinic; 1,741 patients received admission and other examinations, and 284 intra-oral x-ray examinations were made; 2,075 treatments were given and 1,887 fillings made. There were 2,586 extractions of teeth, 56 surgical removals of teeth and 40 alveolectomies. The laboratory processed 228 dentures, including 123 full upper or lower, as well as repairing 218 others.

Chiropody

Frank J. Gasser, D. S. C., conducted the chiropody clinic on Tuesday and Friday mornings. He reported that a total of 1,153 patient visits, 423 men and 730 women, were made for examination and treatment. The chiropodist also periodically examined new admissions and gave necessary care and treatment. Special attention was given to the procuring of prosthetic devices and appliances whenever indicated.

Pathology and Bacteriology

Our pathologist, Dr. Abraham J. Gitlitz, has supervised the laboratories throughout the year, assisted temporarily by Dr. Fernando Orioli. Staffing problems have been reasonably well met. Control of special drugs for the treatment program and investigative work on the various drugs have been undertaken in collaboration with the clinical staff. The laboratory now supervises the bacteriologic control of the water and sewage systems so that an accurate check is constantly available. Apparatus is being obtained for the performance of additional test procedures which have become available recently for the more complete clinical evaluation of our patients.

Urinalyses performed totaled 8,152.

Hematology included 3,952 red cell counts, 4,224 leukocyte counts and 4,201 differential counts. There were 3,952 hemoglobin determinations, and sedimentation rate was determined in 1,137 cases. Blood typing and Rh factor tests totaled 1,347 each.

Blood chemistry determinations included 2,256 urea nitrogen, 4,700 blood sugar, 41 cholesterol, and other special determinations in a smaller number.

Immunological tests included 3,182 determinations of both Wassermann and Kline reactions; there were also 50 complete examinations of spinal fluid. Bacteriological tests numbered 230 smears of sputum for tubercle bacillus as well as 217 other bacteriological determinations. There were 148 feces examinations for occult blood and 121 for ova and parasites.

Among other examinations listed were 173 cephalin cholesterol flocculation liver function tests. From the 147 autopsies performed, 3,081 tissue pieces were examined. The total of all tests performed during the year was 47,253.

Staff Matters

Some necessary changes in staff assignments have been made during the year. Dr. Theodore Gebirtig continued as assistant superintendent; Dr. William H. Longley continued as clinical director; and Dr. Frank D. Fenimore served as assistant to the clinical director.

In the Reception Building, Dr. Pustroem, senior physician, was in charge of the men's admission service. He was assisted by Drs. Navarrete, Hirschberg, Zaborowski, Marshall and C. Ardali. Dr. Hubert Felger, clinical psychiatrist, completed his residency training and was assigned as director of the women's admission service, assisted by Drs. Rostafinski, Jones and Munoz. In the Clinic Building, Dr. Kessler, clinical psychiatrist, has been assisted by Drs. Mocenigo and Willemssen on the medical and surgical wards, and Dr. Esposito, clinical psychiatrist, has had the assistance of Dr. Klimkiewicz. Dr. Donovan, clinical psychiatrist, has been responsible for employees' health, assisted by Dr. DeMunecas. Dr. Mettler has been responsible for neurology; Dr. Chang for eye, ear, nose and throat work; Dr. Melvin for roentgenology and general supervision of the Tuberculosis and Dormitory Building areas. In the Main Building, Dr. Harquail, clinical psychiatrist, has given supervision to the entire building and also directed the women's service, assisted by Drs. Colonna, Woronczuk, Zankiw and Kornblit. Dr. Snyder, senior physician, was in charge of the men's wards, assisted by Drs. Dolinsky, J. Cap and Kurzbach. In the Dormitory Building, Dr. Anderson, clinical psychiatrist, has directed the service which cares for the greatest number of elderly patients, assisted by Drs. Hogan, Roscher, Jankowski and Holinaty. In the Tuberculosis Building, Dr. Ma, senior physician, has had the assistance of Drs. Mamantov, Jurkans and B. Ardali. Covering various wards in

their training activities were Drs. Racke, Ruggieri, Valvo, A. Cap and Watts.

During the past year Dr. Crandell continued his active participation in many professional and civic organizations. He attended the Tenth Mental Hospital Institute of the American Psychiatric Association in Kansas City and, for the American Psychiatric Association, served as a member of the Committee on Rehabilitation throughout the year, and with the Committee on Certification of Mental Hospital Administrators at the annual meeting held in Philadelphia. With Dr. George Lathrope, consultant in internal medicine at this hospital and ex-Governor of the College, he attended the Thirteenth Regional Meeting of the American College of Physicians. He was present at the Congress on Administration of the American College of Hospital Administrators in Chicago and at the annual meeting of the American Medical Association in Atlantic City. His interest in the defense of the country was maintained through his membership in the United States Air Reserve with the rank of Colonel and in May he spent a period of two weeks on active duty at the Westover Air Force Base, Massachusetts. He gave assistance to the State of New York in examining candidates for positions as directors in the New York State hospital system, and appeared on television on two occasions, discussing British psychiatry and, later, the activities for patients at this hospital. In October Dr. Crandell was an honored guest at the Past Presidents' Night of the New Jersey Neuropsychiatric Association, having served as president from 1953 to 1954, and was presented with a certificate in recognition of distinguished service. Also, in recognition of his services to the physicians of the county, an inscribed gavel was presented to him as the 1951 President of the Morris County Medical Society at their annual meeting.

Dr. Gebirtig attended the annual meetings of the American Medical Association and the American Psychiatric Association. He addressed various groups regarding the hospital and the outpatient department, was on the Professional Advisory Committee of the Morris County Mental Hygiene Association and served on the Mental Health Committee of the Morris County Medical Society. Dr. Longley took part in a panel discussion with the Morris County Mental Health and North Jersey Personnel Associations on industrial psychiatry and also served as moderator of a panel on alcoholism in Bergen County. He was on the Mental Health Committee of the Morris County Medical Society, the Medical Advisory Committee of the Morris County Welfare Board, and the Pro-

fessional Advisory Committee of the County Mental Health Association. He visited the Rochester State Hospital and Poughkeepsie State Hospital with representatives of the other state hospitals in New Jersey to view their methods of running "open door," day hospitals, and the like. He also took part in the Nutley First Aid Seminar, attended meetings of the Mental Health Workshop Subcommittee, addressed various groups visiting the hospital and in the community and attended the American Medical Association convention.

During the year Dr. Chang took a three-month postgraduate course in EENT at the New York Polyclinic Medical School and Hospital, Dr. Zankiw attended a twelve-lecture course in psychoanalytic principles by Dr. Erich Fromm and Drs. Felger and Racke had three-month affiliations in child psychiatry at the Children's Unit of the New Jersey Neuro-Psychiatric Institute. Drs. Navarrete, Hirschberg and C. Ardali were certified by passing the examinations of the Educational Council for Foreign Medical Graduates in September, and the following doctors became licensed in the States indicated to practice medicine and surgery: Drs. Felger, Pustroem and Kornblit in New Jersey; Jurkans in Rhode Island; Hirschberg in Ohio; and A. Cap in Maine. Many members of the staff were active in their attendance at professional meetings. The Lyons and the NJNPI Institutes were well attended and other members of the staff attended the Morris County Medical Society meetings, New Jersey Neuropsychiatric Association meetings, monthly lectures at the New York Academy of Medicine, and the New Jersey Section of the Society for Clinical and Experimental Hypnosis, staff conferences at the Jersey City Medical Center, and meetings of the otolaryngology and ophthalmology sections of the New York Medical Society.

Eye, Ear, Nose and Throat

The work of this department was under the direct charge of Dr. Sing Bea Chang; Dr. Seymour VanWiemokly continued throughout the year as consultant for major eye surgery and special examinations. In addition to the 25 operations performed on the eyes of patients and 11 such operations on employees, there were 770 eye examinations and treatments on patients and 743 on employees, and a total of 448 refractions. Also reported were 992 ear, nose and throat examinations and treatments on patients and 700 on employees.

Two valuable additions to the equipment were a pantoscreen and a

slit lamp, which have proved most helpful in the diagnoses of eye diseases. The department has cooperated with the employees health service in giving routine eye, ear, nose and throat examinations to all new applicants for employment.

Resident Training

The program of training for resident psychiatrists is approved for two years by the Council on Medical Education and Hospitals of the American Hospital Association in concurrence with the American Board of Psychiatry and Neurology. A third-year program of training has been under development for the past two years and is shortly to be inspected for approval.

The first- and second-year curricula as already established and approved consist of an intramural program of seminars, conferences, clinical case presentations, journal club meetings, brain-cutting sessions and resident-preceptor conferences combined with a variety of job assignments to acute and chronic services throughout the hospital. A series of didactic lectures by members of the faculties of prominent medical schools in the New York-Philadelphia area is offered on a two-year rotational basis which covers the basic sciences and gives an introduction to a wide sampling of the various special-interest fields in psychiatry. This latter part of the program has been organized and developed as the product of joint efforts by the directors of training of the four state hospitals, the New Jersey Neuro-Psychiatric Institute and the V. A. Hospital at Lyons under the guidance of Dr. Paul Haun, the director of professional training of the Division of Mental Health and Hospitals. The third-year curriculum as currently offered includes a three-month affiliation in child psychiatry, experience in the outpatient department, experience in psychosomatic and somatopsychic interaction in the wards of Morristown Memorial Hospital, special attention to mental deficiency and epilepsy, a research project, and supervision of junior residents. Both second- and third-year residents are assigned to teach affiliate nurses and psychiatric technician trainees.

Affiliations have been set up in previous years to take interns and residents from the Newark Beth Israel Hospital and the V. A. Hospital at Lyons for a short full-time tour of experience in this hospital. In the past year we have had a similar arrangement worked out with St. Clare's Hospital in Denville and preliminary talks were opened for providing

the same service to Overlook Hospital in Summit. Residents at the Morristown Memorial Hospital have been invited to attend our seminars and staff meetings for several years now and have come singly and in pairs to take advantage of the opportunity. We welcome these arrangements for the double reason that it gives us an opportunity to fulfill a community obligation, and it also gives the affiliates a chance to get to know our hospital so that they may at one time in the future come to Greystone Park on a full-time basis as a resident psychiatrist or member of the regular staff.

Appointments and Resignations

Physicians Appointed

James S. Watt, M.D.	July 1, 1958
Charles F. G. Jones, M.D.	July 7, 1958
William A. Marshall, M.D.	July 7, 1958
Joseph A. DeMunecas, M.D.	August 4, 1958
Michal J. Rostafinski, M.D.	August 13, 1958
Gaetano Ruggieri, M.D.	August 25, 1958
Cesar A. Munoz, M.D.	May 27, 1959

Physicians Resigned

Ingeborg Nesseler, M.D.	July 11, 1958
Eugene Hrabarchuk, M.D.	August 22, 1958
Harvey Kornblit, M.D.	November 17, 1958
Jose Navarrete, M.D.	January 2, 1959
John H. Hirschberg, M.D.	March 27, 1959
Elisabeth C. Willemsen, M.D.	April 15, 1959
Fernando Orioli, M.D.	June 4, 1959
Bedia Ardali, M.D.	June 30, 1959
Cahit Ardali, M.D.	June 30, 1959
James S. Watt, M.D.	June 30, 1959

Physicians Promoted

Hubert L. Felger, M.D., to Clinical Psychiatrist	November 1, 1958
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Other Staff Appointments

The Reverend John C. vanDyk, Chaplain	October 1, 1958
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Other Staff Resignations

The Reverend Carl E. Nelson	October 17, 1958
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Health Service for Employees

Health services for employees, including both the clinic and the employees ward for those requiring hospitalization, continued to be supervised by Dr. Joseph Donovan, who completed thirty-five years on our

staff. His report shows 1,174 physical examinations of new applicants and 12,597 physical rechecks and treatments. Nine visitors were given emergency treatment. There were 302 admissions to the employees ward, 301 discharges with three deaths. The usual range of illnesses was treated, the greatest number being in the upper respiratory category.

Nursing

The administration of nursing education and nursing service continued under the supervision of Laetitia M. Roe, R.N., B.S., director of nursing. At the close of the year, the professional staff was composed of 88 nurses which included the director, 4 assistant directors, 4 instructors, 29 supervisors, 19 head nurses, 14 graduate staff nurses and 17 part-time nurses. In the sub-professional group there were 946 psychiatric aides, which included 105 psychiatric technicians, 191 charge attendants, 631 attendants and 19 part-time workers. In addition, there were 39 student nurses and 46 psychiatric technician trainees.

Recruitment of nurses was still a problem. However, qualified nurses were secured for 2 assistant director positions which had been vacant for a year. The recruitment of non-professional personnel improved slowly. It was necessary to continue over-time and limited part-time because of absenteeism and shortage of men employees. Accumulated holiday and vacation time was reduced greatly.

The nursing department concentrated on the internal organization and development of nursing administration in line with modern practices. Through committee activities with definite purpose and functions, the organization manual was written by all members sharing and participating. The committee on nursing service and nursing education met twice a month. In each building the committee on improvement of patient care met monthly and included personnel on the day, evening and night shifts. Planning was directed toward individualized patient care through better utilization of nursing staff and improving supervision. The master plan for staffing was developed with the assistance of the supervisors. A complete survey of the functions of the personnel and the care required for patients on each ward was conducted in November and in May. A budget statement on the nursing program and personnel was prepared.

The standing committee on procedures met weekly. There were 48 procedures which were either developed, explored or revised and 22

approved procedures have been added to the procedure manuals. A manual was placed on each ward and supervisor's office. Work is in progress on preparation of a policy and a ward manual.

The faculty committee, composed of the director, assistant directors and instructors, met twice monthly. With the assistance of sub-committees to this group, all educational and in-service programs have been reviewed, revisions made, and new programs developed. The director and members from the committee attended the biennial convention of the National League for Nursing and the American Psychiatric Association annual meeting in Philadelphia. Membership in professional nursing organizations has been maintained and there has been representation at meetings throughout the year.

The Affiliate Nurse Program: In the fiscal year, 387 students reported from 15 schools of nursing and 383 completed the twelve-week course. Middlesex General Hospital changed from a three-year to a two-year program and terminated the affiliation on February 23, 1959, after 25 years. A total of 14 schools continued the affiliation. In preparation for registration in this country, 47 graduate nurses from 10 other countries completed the affiliate course in psychiatric nursing. There were 8 nurses recruited for regular employment from this group. Members of the medical staff and other departments participated in the teaching program. The Greystone Park Association served tea to the new students and faculty throughout the year. The annual inter-agency meeting was held in May. The contract was revised and renewed. The course of hours of instruction was increased to 120 hours. In the health program for student nurses, the practice of chest x-rays on arrival and departure was discontinued and the affiliating agencies assumed the responsibility for the health of their students. On April 8 and 9 representatives from the New Jersey Board of Nursing made a survey visit.

The training film for nurses, "Psychiatric Nursing: The Nurse-Patient Relationship," which was made here for the American Nurses' Association and the National League for Nursing by Smith, Kline and French Laboratories educational unit, was released. It was nominated for an award by the Academy of Motion Pictures Arts and Sciences. Dr. Crandell, Miss Roe and Dr. Hildegard Peplau were honored at a testimonial dinner by the New Jersey State Board of Control for outstanding contribution to the making of the film on May 7.

University Affiliations: The School of Nursing, Rutgers, the State

University, sent a total of 18 students, including 15 undergraduate and 3 graduate fellows, with their own instructors. A demonstration series of inter-disciplinary conferences were conducted through March and April with staff from the various departments of the hospital participating.

An institute on the continuity of care for mentally ill patients was held September 10. The program was conducted by faculty from Rutgers University with the assistance of the nursing staff at Greystone Park. Following this, a monthly workshop for public health staff nurses from 3 counties was continued through April. Seton Hall University sent one group of 14 four-year students with an instructor for affiliation in psychiatric nursing in February and March. The University of Saskatchewan, Saskatoon, Alberta, Canada, sent 2 graduate students for one-month field experience in May. Teacher's College, Columbia University, sent 4 graduate students for field experience in June. One student was accepted for 2 weeks of experience in nursing administration; 2 remained for 4 weeks in nursing education and one for 2 weeks. Miss Mary Bindas, assistant director of nursing service, attended Teacher's College during the fall semester in post-graduate study. Miss Elsa Mikulicic, assistant director of nursing education, and Miss Rita Tempia, instructor, attended the course in dynamics of group process and group interaction given by Dr. Joseph Geller and sponsored by the New Jersey Association for Mental Health.

In-Service Programs, Supervisory Training: The institute on supervision, sponsored by the Central Office in May and attended by 3 supervisors, gave the impetus to develop the project on in-service education for supervisors, which would begin in September.

Head Nurse and Graduate Staff: Weekly sessions were held to keep this group informed of current practice in psychiatric nursing and ward management. Emphasis was placed on the problem-solving method of approach in the care of patients and in guiding personnel.

The Psychiatric Nurse Resident Program: This program, designed for one year of extended orientation to psychiatric nursing practice in the ward community, has been structured to assist the nurse practitioner before assuming full responsibility in a patient area. There were 3 graduate nurses recruited for the first class in September.

Psychiatric Technician Training Program: There were 21 trainees who completed the one-year course successfully and received certificates at the formal graduation exercises in June. Mr. Walter Stober, a grad-

uate psychiatric technician 1948 was nominated psychiatric aide of the year and was given an award by the New Jersey Association for Mental Health. The psychology department has worked with the nursing faculty in investigating the screening of applicants for the technician program and has prepared tests for personality evaluation. Classes in the technique of remotivation therapy were begun in January and were included in the technician training curriculum. There were 66 technicians and charge attendants prepared as remotivators. Other departments have attended demonstration sessions and the movie on remotivation.

Attendant Training Program: There were 380 employees enrolled in the initial orientation course; 353 completed this and were assigned for a month of training on a ward. In the extended training course 136 attendants were enrolled and 129 received certificates. In May, 28 attendants passed the charge attendant examination. During the year all nursing personnel were invited to film showings and special lectures.

The Practical Nurse Affiliation: In September the Morris Hills Regional High School sent 12 practical nurse students for the four-week course in psychiatric nursing. Overlook Hospital sent 24 students in March.

Future plans include the further development of the team nursing project and progress toward inter-disciplinary conferences in each of the buildings.

Religious Services

The religious program for the patients and employees at our hospital has been administered by three chaplains. The senior chaplain, Father John J. White, headed the program for those of the Catholic faith, the Reverend George R. Tolson was in charge of the Protestant program, and the Reverend Carl E. Nelson served as Episcopal chaplain until October, when he moved to a parish of his own and was succeeded by the Reverend Dr. John C. vanDyk. Rabbi Abraham Schnitzer officiated at services for those of the Jewish faith, and local readers provided Christian Science services each Wednesday. Toward the close of the year we were fortunate in receiving the services of Father George Mamangakis, who ministered to those of the Greek Orthodox faith.

Three Catholic services have been held each Sunday morning, a 7:00 o'clock mass for employees and one at 8:15 and 8:45 primarily for patients. Father White's report shows that there was an attendance of 20,923 at

the 111 masses for patients, and that 3,215 attended the 58 masses for employees. In addition, the Sacrament of Extreme Unction was administered to 456; 310 visits were made to patients on the wards; 233 conferences were held with patients' relatives and with employees; and 1,825 confessions of patients were heard in the chapel. Our Catholic chaplain also issued 158 burial permits and conducted the burial services of 39 indigent patients. At the Chapel of Our Lady, Health of the Sick, additional religious devotions were held, including the full liturgy of Holy Week.

Clinical pastoral education continued under the supervision of Chaplain Tolson. With the assistance of student chaplains, he made 2,700 visits on patients in the hospital, held 53 services of Divine worship including the special World Day of Prayer service on February 16th, and conducted 192 seminars and 96 individual supervisory conferences with students. Chaplain Tolson welcomed and conducted through the hospital 353 visitors and made several home visits to former patients. Protestant services had an attendance of 11,066 during the year. At Episcopal Services there was an attendance of 1,414 patients, and Chaplain vanDyk spent much time in visits with patients on the wards. There was an attendance of 1,389 patients at the Jewish services; 2,117 attended the Christian Science services; and 18 took part in the recent religious ceremonies for the Greek Orthodox patients.

It is hoped that the proposed Volunteer program of escort service will further enlarge the attendance at all services.

Both Father White and Chaplain Tolson continued their active participation in various professional organizations and attended numerous conferences and meetings as well as lectured to various groups.

Social Service

Our social service department continued under the supervision of Herman Carter, M. S. W., director of social service. The department was completely reorganized during the year as a result of the termination of the mental hygiene clinics and the simultaneous creation of the outpatient department. The social service staff of the clinics was assimilated into the hospital social service department, with Miss Mildred Hurley delegated as director of outpatient social service and Miss Helen Shepard assigned as casework supervisor.

Paralleling the organization of the outpatient department, the social

workers responsible for the convalescent leave clinics evaluated each patient and at the close of April 1959 all such clinics were terminated. Those patients still requiring follow-up services were either transferred to the outpatient department or were referred to a community agency. All social workers were then assigned responsibilities within the hospital, to work with the patients and their families from the point of admission until the patient was returned to the community. Staff limitations confined this program to the acute and intensive treatment units in the Reception and Clinic buildings where pre-release studies were done on all patients prior to leaving the hospital. The focus of the hospital treatment program is to have as many patients as possible discharged at the time of release; if follow-up care is indicated, patient's referral to an appropriate community agency or to the outpatient department is made. In the outpatient department every effort is made to provide each patient with a continuum of service; he is seen by the same psychiatrist and social worker who worked with him during his residential treatment. Some patients are also referred to the outpatient department for continued psychotherapy or casework treatment.

The family care program progressed and greater emphasis was placed on its rehabilitative aspect and reintegrating the patient with the community, either through employment, public assistance or reuniting them with their own families. The first home for Negro family care patients was secured. In addition to the patients separated from the hospital through family care, 57 other patients were placed directly into the community, usually in some type of employment or sheltered situation.

During the year 1,047 patients were released on convalescent leave, and 1,029 patients discharged from convalescent leave. A total of 8,843 interviews were made, 5,121 in the hospital and 3,722 in the community. There were 786 histories obtained in the office, requiring interviews with 1,003 persons, and 567 histories were obtained by questionnaire. Interviews with relatives of patients prior to home visit numbered 149 and, in addition, 40 special home investigations were made. A total of 1,828 hospitalized patients received direct casework service and 669 patients and 553 relatives participated in 50 group meetings held in preparation for release on convalescent leave.

There were 102 patients who received family care supervision; 18 were discharged from family care; and 71 were on this status at the end of the year.

Mr. Carter continued to serve on the aged services committee of the Community Chest and Council of Morris County and a special committee of the National Association of Social Workers. In April he represented the hospital at the Northeast Governments Conference on mental health, held in Hartford, Connecticut, and in June he accompanied the clinical director and representatives from the other state hospitals on a four-day visit to the New York State mental hospitals at Poughkeepsie and Rochester. Mr. Carter also attended the summer school of alcohol studies at Yale University on a scholarship from the State department of health. Miss Betty Carter and Miss Bernice Williams, caseworkers, completed an 18-week course at the Institute of Group Psychotherapy in New York. The staff of the department has continued to lecture regularly to the various hospital groups as well as to students of psychology from local colleges.

Psychology

Under the direction of Stanley Liutkus, Ph. D., the psychology department has shown much progress during the past year, broadening its scope to include further training and research in psychological studies. Dr. Liutkus was assisted by Christopher Farrell, M. A., Norma Watts, M. A., and Stanley Wayne, M. A.

The total number of patients processed through testing was 1,457, for which 3,497 separate psychological tests were utilized. Of this number, 343 patients were tested to complete the mental defective survey program. Extensive batteries of projective techniques were individually administered to 106 patients referred for differential diagnosis and personality dynamics, as well as indices of improvement from treatment in several cases. Included in the figure for individually-administered tests were 10 special cases, tested for pre-parole evaluation. In April group therapy procedures were established for adolescent women patients of the Reception Building under the supervision of Drs. Fenimore and Felger, clinical psychiatrists, and in June group therapy sessions began for the men patients of that building, which include a group of sex offenders and another group of relatively young psychotics. The psychology department also assisted with the group and individual psychotherapy administered to patients on the shock service in the Clinic Building.

Research into testing operations has resulted in the refinement of the screening battery and the application of common techniques to varied testing situations.

Activity Therapies

Under Mrs. Lucille Boss, M. A., coordination of activity therapy programs available to the patients has been in operation for approximately eighteen months. She has been assisted by Fred E. Odhner, director of occupational therapy, Dorothy Johnson, supervisor of recreational therapy, and Flora Bel Dayton, senior librarian. Progress has been made in having the various groups function as a team, in seeing the patient as a whole person and being concerned with an evaluation of his total needs.

A recreation committee, comprised of representatives from the nursing department, food service and occupational therapy as well as recreation, was formed to plan particularly for ward parties and picnics. Other coordinated efforts included a Christmas play, a spring concert, a variety entertainment with a patients' fashion show in which the clothing and costumes shown were made by patients in occupational therapy.

In occupational therapy Mr. Odhner has been assisted by 5 registered occupational therapy workers, 34 additional regular personnel, 3 seasonal assistants and 16 volunteers. Training and orientation programs have been continued actively, including the operation of an accredited clinical training center for occupational therapy students. Some changes were made in the women's arts and crafts unit and the occupational therapy area in the Clinic Building was moved to provide greater floor space and superior facilities. About one thousand patients received some therapy and finished articles, totaling 19,288, were produced, 14,499 for general hospital use, 3,808 for the salesroom and 971 purchased at cost by the patients who made them.

The print shop, under the direction of Thomas Beresford, foreman, continued the production of our monthly magazine, *The Psychogram*, and also did printing and binding for the hospital which totaled 2,721,000 printing impressions; 16,500 binding operations; 1,079,000 ruling impressions and 677,000 requiring punching, perforating, folding and collating.

Mrs. Johnson supervised 5 recreational assistants, 5 recreational aides, one music therapist and 4 summer aides. The calisthenics classes and game activities have continued. A regular motion picture schedule, both in the Abell auditorium and in the shut-in wards, was maintained with excellent attendance. Athletic activities included a softball schedule

during the summer and bowling during the winter months. There were frequent ward parties, many made possible by outside groups from the community. The music appreciation program was continued, including choral singing and choir work, culminating in a spring concert.

Mrs. Dayton, senior librarian, has had 2 paid assistants and the library schedule has been maintained in the Clinic and Main buildings as well as in the Dormitory where the three front rooms have been decorated and finished with new facilities. Many new books were obtained, including 140 purchased and 1,155 donated, bringing the total of volumes to approximately 14,000 on the shelf.

Pharmacy

John V. Callery, R. P., pharmacist-in-charge, reports a busy year with the preparation of a new formulary as an outstanding accomplishment. All medicine cabinets were inspected and supplies brought up-to-date; oxygen tanks are now stored in a new concrete block building outside the Clinic Building; a non-combustible adhesive remover has replaced the use of ether on the wards. Tranquilizers still account for a large part of our medical bill. A total of 43,970 individual prescriptions and 11,176 ward orders were filled during the year; 4,644 units were prepared in the Fenwal sterile solution division.

Physical Therapy

The women's hydrotherapy was discontinued during the year. Wilbur T. Riker, R. P. T., reports 4,355 treatments given to 327 men in the Reception Building.

Barber Shops

Herschel Tucker, head barber, reports 248,456 shaves and 28,668 haircuts given to men patients during the year; the women received 23,524 treatments, including haircuts, shampoos, manicures and permanent waves.

Identification

Leo J. Boulris, identification officer, reports that 1,462 admission photographs and 1,210 discharge photographs were taken, as well as 477 on special requisition. The placing of identification photographs on the back of ward cards has proven to be of great help. There were 1,254 sets of fingerprints taken on newly-admitted patients and 1,026 on new employees.

Medical Records

Joseph Brown, R.R.L., has continued in charge of the medical record office where the clinical records of all patients who have been in this hospital are maintained. He has also been responsible for the preparation of accurate statistics.

The microfilming of discharge records has continued; 1,225 cases were processed during the year. The discharge records now on film number 36,862 and include all discharges up to March 22, 1944.

Mental Hygiene Clinics

The Northern New Jersey Mental Hygiene Clinics ended their program with December 1958. Miss Mildred H. Hurley, director of clinic social service, reported 70 clinic sessions, 272 psychiatric interviews, 75 psychological interviews, and 951 social workers interviews during the six months of operation. The 270 cases being carried actively were closed out by the clinic workers by personal visits to families and schools and referrals to other psychiatric facilities in the community.

Outpatients

Outpatient clinics are held at this hospital, with Mildred H. Hurley as director of outpatient social service. The services have proven beneficial to both patients and relatives and are not limited to those on convalescent leave. The intramural program of preparation by the psychiatrists and social workers has been helpful. Many patients are referred to community resources. During the six months, 91 clinics were held, with 336 psychiatric interviews, 6 psychological interviews and 399 social worker interviews. The number of convalescent leave patients was reduced from 854 to 433 and 28 others were carried as outpatients at the end of the year.

Business Department

Mr. John T. Neal, Jr., has completed twelve years as business manager of this hospital. He is responsible for all the operations of the institution not directly clinical in nature, including the coordination of such activities as financial accounting, food service, laundry and linen control, engineering and maintenance, and fire and police. He has cooperated closely with all divisions of the hospital, and he has summarized the operations of his department below

Business Office

The activities of the business office continued under the direct supervision of George Zelenak, whose title was changed from senior accountant to supervising accountant effective July 1, 1959, assisted by Thomas Adubato, head clerk, and under the general supervision of the business manager.

On March 2, 1959, effective July 1, 1958, Richard Gessner was certified to the position of assistant business manager. Mr. Gessner has proven most valuable in the general supervision of the food department, laundry, linen control and housekeeping, being in close touch with the problems as they arise in these various departments.

These employees were largely responsible for the preparation of the annual budget, assisted by department heads and their employees, and the many compliments we received from officials of the Central Office, budget bureau and civil service commission indicate the excellence of their work.

Mr. Zelenak reports that collections for the fiscal year 1958-59 were \$4,270,798.92 as compared with \$3,945,616.01 collected in the fiscal year 1957-58, again a new high for collections and \$445,798.72 above budget estimate.

Institutional Adjuster

During the past fiscal period the activities of this office emphasized the performance of its main function, that of protecting the State of New Jersey from undue liability as pertaining to the cost of maintenance for individuals hospitalized at Greystone Park, and performed related duties with equal emphasis and discretion. The following statistics substantiate the excellent work that institutional adjuster Alan T. Lavery and his staff performed during the past fiscal period.

Social Security payments received during the year reached a new high with payments totaling \$160,604.15.

The effect of the filing of liens by this office and the county adjusters is reflected in the payment of \$99,233.99 into the maintenance account.

Hospital insurance benefits payable on behalf of the patient or his responsible relative resulted in more than doubling the collections of the previous period. The sum of \$98,316.10 was paid to the State as a result of claims filed by this office.

A close working relationship was maintained with all county ad-

justers served by this hospital by regular weekly visits at which conferences were held with regard to rates, liens and court orders. There were 113 such visits made with 53 personal calls to families, 105 liens were filed, 810 court orders processed, and 6,425 claim forms filed.

Personnel

This department continued under the direct supervision of Richard Winans, personnel director, assisted by Karl Marx, William Loeber and Larry Skurnik. Mr. Winans reports as follows:

The year was notable for a considerable decrease of employment turnover from previous years. This figure decreased from 69.7 per cent for the year ending June 30, 1958, to 36.8 per cent for the year ending June 30, 1959. During this last year 715 applicants were hired, while 708 employees terminated their services. Total employees as of June 30, 1959, were 1,962 with 2,049 budgeted positions.

The reasons for terminations being lower may be considered as follows: The recession of 1958 and early 1959 offered employees less opportunity to change jobs and caused them to hold on to their present positions to a greater extent; the selectivity and time taken in the hiring procedures resulted in employees less likely to terminate within a short period of time; the weekly orientation and semi-monthly reorientation conferences of new employees; as well as some older employees, helped in communicating job needs; and supervisory training at disciplinary hearings as well as individual conferences seem to have increased the desire of departments to work with and improve problem employees if at all possible.

Police

Our police department continued under the excellent supervision of our chief security officer, Sgt. P. P. O'Reilly of the New Jersey State Police. The department consists of 3 head patrolmen and 16 institutional patrolmen. Police radio patrols are maintained on a 24-hour basis with the officer on desk duty acting as radio dispatcher.

In addition to the above paid department, Sergeant O'Reilly has recruited and trained 26 employees as a voluntary civil defense auxiliary police department, which augments and assists our regular force during civil defense activities and has been called upon for traffic duty during other hospital functions.

The following statistics indicate that our police department takes a very active part in the operation of our hospital. Crimes investigated,

12; other complaints investigated, 435; disorderly person complaints investigated, 15; disorderly persons arrested, 15; other arrests, 6; motor vehicle accidents, 19; motor vehicle arrests, 207; missing patients apprehended by Greystone Park police, 102; miles covered by police cars, 46,655.

Fire Prevention

The fire department continued under the direct supervision of Chief Charles H. Acker, assisted by two assistant fire chiefs, Frank Y. Neer and Paul Horning, and three uniformed firemen drivers, Robert K. Wright, Thomas Reardon and Joseph Brockman, all of whom are paid, and fifty-four employees serving at their pleasure, constituting a volunteer brigade.

There was no change in our motorized equipment during the year, which consists of one Ward LaFrance 750-gallon-per-minute triple-combination pumper, one Barton Chevrolet 500-gallon-per-minute pumper, one American LaFrance 85-foot aerial ladder truck, and one half-ton Ford pick-up truck.

Routine fire inspections were made throughout the year. A new fire prevention manual was compiled and placed in operation throughout the hospital. Semi-monthly fire drills were conducted for volunteer officers and firemen. Weekly fire orientation lectures and demonstrations were conducted at fire headquarters for all new employees.

We had one major fire which occurred November 5, destroying the horse barn with a loss of \$23,053.33. This fire was set by an escaped patient who voluntarily returned to his ward after the fire and was transferred to Trenton.

During the year there were 72 fire calls received with a loss to State property of \$23,290.06. Except for the one major loss, the other 71 fires resulted in loss to State property of only \$236.73.

During the month of October a special series of refresher fire orientation-safety demonstrations and lectures were conducted at fire headquarters with over 1,500 of our employees attending.

We are extremely fortunate in having such an excellent, well-trained department protecting our institution.

Garage

Our main garage continued under the direct supervision of William Walton, Jr., who is responsible for the maintenance and repair of all 32

passenger units and some 36 trucks. In addition, we are now servicing units assigned to child welfare, eye clinic and probation departments.

Our greenhouse garage is under the supervision of Britton Koch which services and repairs our farm trucks, tractors, bulldozers, cranes and other heavy equipment.

Laundry

The laundry department continued under the direct supervision of Floyd Evans. During the past year 5,873,981 pounds of laundry was processed.

A new loading platform was erected between our storehouse and laundry buildings, which has proven of great value in improving the handling of clean laundry to our delivery trucks, reducing greatly the manual labor and accident hazard which formerly existed. Two new Ajax shirt units have been received and are now being installed, which will allow us to iron all patients' as well as employees' shirts.

With the continued employment of specially-committed patients and the new equipment, there are nine less employees.

Building Maintenance

The building service department continued under the direct supervision of Graham Tunis.

The department was saddened by the death of James Lucia, foreman, who passed away on March 2. Martin Schweikhardt was promoted to the foreman position and is doing an excellent job.

The bed repair shop continued under the supervision of Anthony Gangemi, foreman, and our program of rebuilding and repainting beds ward-by-ward is greatly improving the wards throughout the hospital.

The housekeeping department has been under the guidance of Mrs. Ellen Johnson.

The central linen rooms continued under the direct supervision of Mrs. Gertrude Carr, and linen supplies were efficiently handled through the three major central linen rooms located in the Main, Clinic and Dormitory buildings.

Our upholstery department was under the supervision of William Barry until his death, which occurred on November 27. Mr. Barry had served this hospital in a very efficient manner for more than twenty years. John Savis, upholsterer, was promoted to foreman and has continued the fine record of this department.

The main items were as follows: 1,134 mattresses rebuilt, 1,036 pillows remade, 3,049 pairs of shoes repaired and 3,974 square feet of floor covering installed.

The tailor shop continued under the direct supervision of Frank DiPrimo. This shop altered 450 new suits for patients, repaired over 1,000 patients' suits, repaired 3,456 patients' pants, made 1,171 new canvas laundry bags, repaired 3,087 laundry bags, and made 1,440 new blankets from federal surplus woolen material.

Food Service

This department is under the direct supervision of John W. Evans, food service supervisor grade I, assisted by Mrs. Jean E. Epstein, assistant food service supervisor grade I, and Alvin Washington, assistant food service supervisor grade I. Senior dietitian Carl F. Neuman is in charge of the employees cafeteria, nurses kitchen and dining room, Reception and Clinic dining rooms. Senior dietitian Georgiana Godwin was promoted from the position of dietitian as of December 18 and is in charge of the Tuberculosis kitchen and special diet kitchen, Pavilions I and II dining rooms and Dormitory. Dietitian Ruth Carpenter was made permanent in the position February 19 and is in charge of the Clinic Building special diet kitchen. Head cook grade I Harry Pengilly continued in charge of the Dormitory kitchen. Head cook grade I William F. Taylor continued in charge of the employees cafeteria kitchen. Head cook grade I Harry Warner continued in charge of the Main kitchen. Head cook grade II George Blackwell is in charge of the T.B. kitchen. Head cook grade II Mrs. Josephine Bond continued in charge of the Abell kitchen. Head cook grade III John Black continued in charge of the Nurses kitchen. Head cook grade III Mrs. Laura Stull continued in charge of the Clinic Building special diet kitchen.

Head butcher William Bossert continued in charge of our butcher shop and the following meats were processed: 729,333 pounds from outside vendors and 180,376 pounds of hospital-produced beef, pork and chicken, totaling 909,709 pounds.

Head baker Otto Schumacher continued in charge of our bakery and reports the following output: 508,640 loaves of bread, 4,500 dozen rolls, 21,100 cakes, 23,268 coffee cakes, as well as pies, cookies and other baked goods.

We were fortunate this year in obtaining the following commod-

ities through the federal surplus commodity program: Butter, 156,340 pounds; processed American cheese, 27,000 pounds; cheddar cheese, 24,423 pounds; powdered milk, 50,868 pounds; whole wheat flour, 62,350 pounds; cornmeal, 18,800 pounds; rice, 40,100 pounds and all-purpose flour, 600,000 pounds.

Sanitarian

Our sanitarian, Milton Vreeland, worked in close relationship with the food service department, making routine inspections of food service areas, supervising in the destaining of plastic dishes and other utensils. This department was also responsible for the sanitary condition of the dairy and worked in close cooperation with our exterminating department in the control of insects, rodents and other pests.

Farm

James Stuart, farm supervisor, continued in direct charge of all branches of our farm department.

John Zeis continued as head gardener. Kenneth Hoagland continued as head farmer. Farm production was valued at \$21,987.70 as compared with \$14,285.06 last year.

Hugh McLellan retired as head dairyman on June 13. Edward Ader was promoted to this position and reports as follows: Milking cows, 252; dry cows, 40; heifers, 101; calves, 35; total animals, 428. During the year 1,338,638 quarts of milk were produced together with products having a total value of \$183,159.68 as compared with \$164,846.29 for last year.

Our piggery, under Howard Hoffman, produced 147,018 pounds of pork and the total value of products was \$44,443.90 as compared with \$41,795.10 last year. The piggery census as of June 30 was 397 animals. During the year a new steam oil-fired boiler was installed and all garbage is now cooked before being fed to the pigs.

Our poultry plant continued under the supervision of Alfred Garretson. The plant produced 40,932 dozen eggs and 11,281 pounds of fowl, having a total value of \$19,788.28 as compared with \$19,598.57 last year. The hennery census as of June 30 was 4,234.

The grand total of produce from the dairy, farm, piggery and poultry plants was \$269,379.56 as compared with \$240,525.02 last year.

The greenhouse and grounds department remained under the direct supervision of Britton Koch, superintendent of institution grounds, who

is responsible for maintaining and landscaping our grounds and also the heavy equipment, greenhouses, concrete block plant, saw mill, greenhouse garage and railroad department. This department was called upon quite frequently to do like work in other institutions throughout the State.

The sawmill produced 11,700 board feet of oak and 600 board feet of whitewood, having a total value of \$2,447.62 as compared with \$2,892.58 last year.

There was no production at our cinder block plant during the year. There were 5,367 blocks valued at \$983.40 used for various projects. We had an inventory on June 30 of 11,638 blocks available for institution use.

Gus Salvesen, in charge of all trucking and hauling projects, reports our long-distance hauling trucks made 342 trips, having a total mileage of 33,764.

Frank Roberts continued to supervise our exterminating department and salvage yard.

Storehouse

Lloyd Henion continued in charge of our stores department which handles all materials received.

Engineering

The engineering department continued under the direction of Maurice Chaillet, M. E., engineer-in-charge grade I, assisted by Charles Corbishley and William Schaufelberger, assistant engineers-in-charge grade I.

During the year the power plant consumed 12,221 tons of coal and 2,543,136 gallons of oil to produce 414,946,450 pounds of steam to heat all our major buildings and to generate 2,098,120 k. w. h. of electricity. In addition, we purchased 3,844,800 k. w. h. from the Jersey Central Power and Light Company.

Statistics for our water department are as follows: Total consumption was 397,040,000 gallons as compared with 421,288,000 gallons last year. There were 263,565,000 gallons pumped as compared with 220,500,000 gallons pumped last year. The balance of water was obtained from our reservoirs.

Our sewage disposal plant continued under the direct supervision of James Long. The plant handled 357,526,000 gallons of flow compared with 371,124,000 gallons handled last year.

During the year our new secondary treatment plant was placed in

operation, greatly improving our operations and giving us one of the finest sewer plants in the State.

Service Unit

Vincent VanInwegen continued as manager of our service unit, assisted by Mrs. Florence Reed. Total net sales were \$259,574.76 for this year compared with \$257,559.42 last year.

The revenue from our automatic vending machines was \$2,581.08 as compared with \$2,539.32 last year.

Construction

All major construction work continued under the supervision of Stanley F. Burgess, assisted by Edward J. Shelby.

The secondary treatment section of our sewage plant was started in August by the Middlesex Concrete Products and Excavating Company, Woodbridge, New Jersey, and completed May 7. This project has been most satisfactory.

A new loading platform was constructed at our laundry and placed in operation during November, and has improved operations for delivery of all clean laundry.

The Edgar Hill Construction Company removed the old ceiling in our dynamo room, the work being completed during May. This not only removed a serious fire hazard but also greatly improved ventilation in this area.

The A. C. Schultes and Sons of Woodbury, New Jersey, were awarded the contract for a guaranteed well, to produce a minimum of 500 gallons per minute. Work was started on May 18.

The Edgar Hill Construction Company was awarded the contract for the renovation of our operating room and work was started June 23 on this project.

The band shell building, designed by architects Fellgraff, Ballou and Daly, was awarded by the Board of Managers to the Bontempo Construction Company on June 25. The cost was estimated to be \$26,000 and work is to be completed by December 1959.

Recommendations

The following are the capital budget items requested in our 1960-61 budget. You will note that many of these items were included in our

prior year recommendations, together with additions and improvements we believe should be considered on a long-term basis.

1. Affiliate Nurses Building: \$1,000,000.

We are again placing this project as our top priority as we feel it is most essential to replace our present inadequate training facilities with a building designed especially to house all our affiliate and graduate nurse training classes with facilities flexible for future expansion. Our reasons for giving this project first consideration are as follows: Provide especially-designed living quarters for our student nurses; provide especially-designed classrooms, demonstration rooms, library, assembly and study hall, and offices for the instructors and staff; relieve 76 beds at our employees residence for use by regular employees; release 36 beds at our Voorhees-Knight graduate nurses residence needed for recruitment of nurses.

2. Admission Building: \$2,500,000.

We are moving up our priority for a new admission building from fourth to second, as we feel it is imperative to have additional space and facilities if we hope to keep abreast with modern concepts of intensive treatment for newly-admitted patients. If this project is approved, we would divide the present patient load so that all patients would receive the individual care so necessary during the early stage of their mental illness, which is impossible to achieve with our present overcrowded and inadequate facilities.

3. Renovation Dormitory Building Center: \$1,000,000.

From bond issue money we have completely fireproofed and renovated both the south wing women patients' quarters and the north wing men patients' quarters. The completion of these two wings leaves the center section still to be modernized and fireproofed. The failure to include this area in the past programs leaves an extremely dangerous area to both employee occupants and the patients housed in the adjacent areas, as this center section houses three staff apartments, twenty employees' quarters, physician and nursing offices, library, linen rooms, etc.

4. Main Building Renovation Tier 1 South and Center: \$775,000.

We still need to renovate the front center and tier 1 of the Main Building South. The rest of the Main Building South, tiers 2, 3 and 4, have been made fire-resistant but the remaining areas are a serious fire and life hazard.

5. Eight Staff Cottages: \$200,000.

These are requested to provide needed housing for medical and business staff.

6. Garden Apartments for Employees: \$1,650,000.

We list as our sixth priority the erection of a garden-type apartment building to overcome the critical shortage of apartments to house married couples and families. These apartments would be three, four and five room units.

7. Extension to Employees Cafeteria: \$300,000.

We are again requesting consideration of an extension to our employees cafeteria building which would allow one kitchen to provide for all employee feeding needs. Greater efficiency would result and we believe the food would be better prepared and served in a single unit.

8. Extension to Main Building North and South Dining Rooms: \$600,000.

We recommend the building of a two-story addition, to extend between wards 29 and 41, and wards 31 and 43. This building would be two stories in height with a serving room located in the center. With this arrangement the food carts could be brought from the main kitchen through tunnels to the basement of this area and brought up to the service rooms on the first and second floors. Each area would have its own dining room which would prevent a mixing of section patients. We request a similar-type addition for the Main Building North, wards 28 and 30, and 40 and 42.

9. Recreation Building: \$500,000.

One of the greatest handicaps this institution has had to face since its inception has been the lack of recreational facilities for use by our patients and employees. Since our recreational facilities such as our new baseball field, tennis courts and picnic areas have been concentrated in one central location, we recommend the construction of a recreation building to center activities. This building should include a regulation-size basketball court in the gymnasium with offices and storerooms located on the first floor and six or eight bowling lanes installed in the basement.

10. Renovation Existing Patient-Occupied Buildings: \$3,500,000.

We are recommending that \$3,500,000 be appropriated to renovate and modernize existing patient-occupied buildings to a standard with our recently renovated areas. Many of these buildings have had but minimum maintenance attention and lack terrazzo floors, ceramic tile side walls, acoustical ceilings, modern lighting and detention screens.

11. Improvement to Dairy, Laundry, Storehouse, Kitchens, Shops, etc.: \$750,000

There are many improvements needed in our dairy, laundry, storehouse, kitchens, shops, etc., to bring them up to efficient operation, and we feel the amount requested herewith would allow us to greatly improve these departments.

12. Improvement Steam and Electric System: \$500,000.

We recommend that \$500,000 be allotted for this request as follows: New 700 k. w. turbo generator \$150,000, replace main switchboard \$200,000, replace steam mains \$150,000.

13. Administration Building: \$750,000.

We request consideration of an administration building. Our hospital has grown so large that our present accounting and office space is entirely inadequate. Having all our office facilities consolidated will permit greater efficiency.

These thirteen requests total \$14,025,000, which we believe should receive serious consideration if we hope to meet present-day concepts of patient care.

Loss of Employees by Retirement or Death

Seven employees retired during the year:

David W. Blanchard, carpenter, employed October 18, 1948, retired September 12, 1958.

William T. Barry, foreman upholsterer, employed November 22, 1938, retired October 23, 1958.

Harry V. Peterman, senior industrial assistant, employed October 1, 1952, retired December 5, 1958.

John Putten, assistant groundsman, employed October 2, 1950, retired February 27, 1959.

William Schluer, senior laundry worker, employed August 14, 1945, retired April 9, 1959.

Albert Termeer, cook, employed February 26, 1945, retired April 21, 1959.

Mary Dennett, institutional charge attendant, employed July 9, 1930, retired May 31, 1959.

Twelve employees died during the year:

Arthur W. Long, senior building maintenance worker, employed June 28, 1954, died August 25, 1958.

Gertrude A. Kelley, receptionist, employed March 31, 1956, died September 7, 1958.

Ruth F. Brown, institutional charge attendant, employed September 22, 1952, died September 9, 1958.

Charles Hungerford, institutional charge attendant, employed December 6, 1951, died December 9, 1958.

Anna M. Moran, senior clerk stenographer, employed April 30, 1923, died January 9, 1959.

Harold Clark, institutional attendant, employed October 21, 1957, died January 18, 1959.

Clarence Muhs, qualified psychiatric technician, employed April 23, 1946, died January 20, 1959.

Lura Mae Hill, senior food service worker, employed October 4, 1955, died February 16, 1959.

James Lucia, building maintenance worker, employed March 4, 1946, died March 3, 1959.

Loretta V. Mooney, psychiatric social worker, employed June 17, 1940, died April 2, 1959.

Blease Bailey, food service worker, employed May 21, 1949, died April 10, 1959.

Clarice Washington, head nurse, employed May 1, 1955, died June 1, 1959.

Distinguished Visitors

We are pleased with the interest evidenced throughout the year by the large number of visitors, both in groups and individually. A delegation of legislators from Georgia, headed by the Honorable E. Culver Kidd, Speaker of their House of Representatives, studied the program of this hospital for the purpose of alerting the citizens of their state to the increasing needs for a comprehensive program for the mentally ill. In April we were honored by a two-day visit from Dr. Alan B. Monro, physician-superintendent of the Long Grove Hospital in Epsom, Surrey, England. Dr. Monro had given much assistance to the group of psychiatrists from New Jersey during their tour of the British mental institutions last year and we were happy to extend our welcome and tour of the hospital facilities to this noted British psychiatrist in his study of psychiatry in this country. During the recent State drive for the purchase of savings bonds the employees of our hospital were privileged to hear

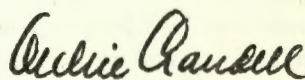
an address by the Honorable Edward J. Patton, New Jersey Secretary of State. Commissioner John W. Tramburg of the Department of Institutions and Agencies and Dr. V. Terrell Davis, director of the Division of Mental Health and Hospitals, and other members of the Department, visited us during the year. Several meetings of the New Jersey State Commission on Mental Health were held in the Board Room of this hospital.

Conclusion

We have continued a forward-looking program and made gains in several fields. Our outpatient department was opened, carrying on the work of the mental hygiene clinics to a certain extent and offering new services to many who have been hospitalized and to some who might otherwise require resident care. The utilization of tranquilizing drugs has shown a moderate increase and, with the improvement in patient attitudes, we have expanded somewhat our activity therapies, assisted by the volunteer activities of the Greystone Park Association. The reorganization of our medical staff committee system has continued and we look forward to approval by the hospital accrediting authorities. However, we are still without assistant clinical directors and we still lack some psychiatrists, many graduate nurses, and our quota of ward workers has never been completely filled.

The clinical staff and the nursing staff have been untiring in their efforts to promote the welfare of our patients and we have had the close cooperation of the business department in our activities. To all of these loyal assistants I am most appreciative. I am particularly grateful to the Board of Managers for their regular attendance, constant interest and their helpful guidance. Commissioner Tramburg, Doctor Davis and the members of the Central Office staff have always been ready to help us in so many ways and we assure them of our continued gratitude and support.

Respectfully submitted,



Medical Superintendent and
Chief Executive Officer

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time			
	M.	W.	M.	W.
Grand Total.....	1043	875	25	19
MEDICAL ADMINISTRATION—Total.....	554	732	25	19
1. Superintendent and Chief Executive Officer.....	1			
2. Assistant Superintendent and Chief Executive Officer...	1			
3. Clinical Director.....	1			
4. Assistant to the Clinical Director	3			
5. Other Physicians—Total.....	31	5	7	
a. Ward duty—direct care of in-patients	27	5		
b. Specialists (cardiologists, roentgenologists, etc.)	3		7	
c. Pathologists.....	1			
d. Internes.....				
6. Dentists.....	2			
7. Dental Internes.....				
8. Pharmacists.....	3			
9. Graduate Nurses—Total	3	68		17
a. Supervisory or administrative duty.....	2	36		
b. Ward duty—direct care of in-patients	1	31		17
c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.)		1		
10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 39 affiliate nurses)				
a. Ward duty.....	445	543	18	1
b. Special duty				
11. Occupational Therapists and Assistants	15	24		
a. Professional.....	6	15		
b. Occupational Therapy Aides	9	9		
12. Physical education directors and teachers.....	3	7		
13. Medical Clerks.....	5	59		
14. Other Employees.....	36	15		1
15. Hospital Social Service - Parole Division - Total	5	11		
a. Director	1	1		
b. Social Workers	4	10		

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time	
	M. W.	M. W.
BUSINESS ADMINISTRATION—Total.....	489	143
16. Business Manager.....	1	
17. Assistant Business Manager.....	1	
18. Clerical Employees including Stenographers and Bookkeepers.....	15	25
19. Dietitian.....	1	2
20. Housekeeping Employees.....	31	24
21. Farm Employees.....	82	
22. Other Employees.....	358	92

FINANCIAL STATEMENT FOR FISCAL YEAR ENDED JUNE 30, 1959

RECEIPTS

1. Encumbered funds carried forward.....	\$ 530,192.17	
2. Received from appropriations.....	8,833,110.00	
3. Maintenance received and forwarded to State Treasurer.....	4,270,798.92	
4. Received from other government sources.....		
5. Received from all other sources:		
(a) Fire Loss.....	23,184.84	
(b) Other Casualty.....		
(c) Farm Production.....	14,313.60	37,498.44
6. Total receipts (sum of items 1, 2, 3, 4 and 5).....	13,671,599.53	

DISBURSEMENTS

Expenditures for Maintenance:		
7. Salaries and Wages.....	6,420,923.28	
8. Food.....	771,354.02	
9. Heat, Light, Power and Water.....	350,426.44	
10. All other expenditures for maintenance.....	879,223.92	
11. Total expenditures for maintenance (sum of items 7, 8, 9 and 10).....	8,421,927.66	
12. Expenditures for physical plant including additions, improvements and permanent betterment.....	537,642.77	
13. Expenditures for services other than personal.....	83,397.12	
14. Total expenditures (sum of items 11, 12 and 13).....	9,042,967.55	
15. Amount forwarded to State Treasurer.....	4,275,451.67	
16. Balance available at close of year.....	353,180.31	
17. Total disbursements (sum of items 14, 15 and 16; also equal to item 6).....	13,671,599.53	
18. Value of consumed food raised on hospital farm.....	\$ 218,048.44	

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Patients on books first day of year—Total	6255	2874	3381
Resident.....	5333	2470	2857
In family care.....	43	11	32
On convalescent leave.....	751	337	414
On brief or temporary visit.....	110	32	78
Missing.....	18	18	0
Admissions during year—Total	1712	843	869
First admissions.....	1190	618	572
Readmissions.....	496	211	285
Transfers from other hospitals for mental diseases.....	26	14	12
Total on books during year	7967	3717	4250
Discharged during year	1590	759	831
As recovered	554	288	266
As improved	1016	455	561
As unimproved	10	7	3
As without mental disorder	10	9	1
Discharged directly from hospital....	531	279	252
Discharged while on convalescent leave or otherwise absent (excluding deaths)	1043	469	574
Deaths on convalescent leave or other- wise absent from hospital	16	11	5
Transferred to other hospitals for mental diseases	95	56	39
Died	523	265	258
Total removed from books during year	2208	1080	1128
Patients on books last day of year	5759	2637	3122
Resident	5143	2365	2778
In family care	71	24	47
On convalescent leave	433	187	246
On brief or temporary visit ..	86	35	51
Missing ..	25	25	0
Medical-Surgical	1	1	0
Average daily resident population	5267	2431	2836
Average daily population on books	6113	2806	3307
Total placements on absent status	7205	2985	4220
Total returns from absent status	6481	2645	3836

In addition the following were transferred from other state institutions to receive special surgical or medical care of a general hospital nature.

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Receiving special care first day of year	7	0	7
Admitted for special care	9	0	9
Discharged from special care	14	0	14
Transferred to regular mental population			
Died while receiving special care			
Receiving special care last day of year	2	0	2
	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year	1	0	1
Babies born during year	5	2	3
Babies discharged during year	6	2	4
Babies died during year			
Babies in hospital last day of year	0	0	0

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO SELECTED MENTAL DISORDERS

[illegible]

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO SELECTED MENTAL DISORDERS (Continued)

[illegible]

AGE OF READMISSIONS CLASSIFIED WITH REFERENCE TO SELECTED MENTAL DISORDERS

SELECTED MENTAL DISORDERS	Total			Under 15 yrs.		15-19 years		20-24 years		25-29 years		30-34 years		35-39 years		40-44 years		45-49 years	
	T.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.	M.	W.
TOTAL	496	211	285	1	0	6	3	14	14	27	26	30	39	34	45	24	48	17	35
Acute Brain Syndromes total	15	11	4											2	1	4		2	1
Alcoholic intoxication	15	11	4											2	1	4		2	1
All other conditions																			
Chronic Brain Syndromes, total	61	31	30			1		1		1	1	2	2	4	3		3	2	2
Meningoencephalitis and other CNS syp.	2	1	1										1						
Cerebral arterio. and senile brain diseases	29	14	15																
Alcoholic intoxication	10	7	3										1		1		1	2	1
All other conditions	20	9	11			1		1		1	1	1	1	3	3		2		1
Psychotic Disorders, total	325	115	210	1		3	2	10	7	15	21	17	30	19	33	12	39	11	29
Involutional psychotic reactions	27	8	19														3	1	3
Manic-depressive reactions	49	10	39						2		1		2	1	4		7	1	10
Schizophrenic reactions	227	88	139	1		3	2	10	5	15	18	16	26	16	28	11	28	8	14
All other conditions	22	9	13								2	1	2	2	1	1	1	1	2
Psychophysiologic autonomic and Visceral Disorders	2		2							1					1				
Psychoneurotic reactions	24	14	10					1	1	1	2	3	2	1	1	3	3		1
Personality Disorders with Psychosis	42	32	10			2		1	1	8		5	2	7	4	4	1	2	2
Transient Situational Personality Disturb.	6		6				1												
Mental Deficiency, with Psychosis	19	7	12					1	4	2	2	3	3		2	1	1		
Without Mental Disorder																			
Mental Disorder, Undiagnosed Psychosis	2	1	1											1			1		

AGE OF READMISSIONS CLASSIFIED WITH REFERENCE TO SELECTED MENTAL DISORDERS (Continued)

[illegible]

COMMITTED AND VOLUNTARY ADMISSIONS BY SELECTED
MENTAL DISORDER

MENTAL DISORDERS	FIRST ADMISSIONS			READMISSIONS		
	Total	Committed	Voluntary	Total	Committed	Voluntary
TOTAL	1190	988	202	496	323	173
Acute Brain Syndromes, total.....	66	52	14	15	11	4
Alcoholic intoxication.	61	48	13	15	11	4
All other conditions.....	5	4	1			
Chronic Brain Syndromes, total....	473	440	33	61	44	17
CNS syphilis	3	2	1	2		2
CAS and senile brain disease...	380	363	17	29	24	5
Alcoholic intoxication	39	32	7	10	5	5
All other conditions.....	51	43	8	20	15	5
Psychotic Disorders, total.....	393	333	60	325	211	114
Involutional psychotic reactions	65	48	17	27	12	15
Manic-depressive reactions	39	30	9	49	28	21
Schizophrenic reactions.....	207	180	27	227	155	72
All other conditions.....	82	75	7	22	16	6
Psychophys. Aut n. and Visc. Disor. .	3	2	1	2	1	1
Psychoneurotic Reactions.....	79	26	53	24	6	18
Personality Disorders.....	99	66	33	42	27	15
Transient Situational Personality Disturbances.....	34	29	5	6	6	
Mental Deficiency, with Psychosis....	43	40	3	19	16	3
Mental Disorder, Undiagnosed Psychosis.....				2	1	1

AGE OF RESIDENT POPULATION

	Men	Women	Total
Total	2400	2831	5231
Under 15	10	4	14
15-19	30	24	54
20-24	55	44	99
25-29	96	80	176
30-34	128	120	248
35-39	194	176	370
40-44	199	262	461
45-49	244	263	507
50-54	286	260	546
55-59	283	295	578
60-64	216	308	524
65-69	195	277	472
70-74	204	259	463
75-79	132	212	344
80-84	82	134	216
85 & Over	46	113	159

