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

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AERIAL VIEW—NEW JERSEY STATE HOSPITAL AT GREYSTONE PARK

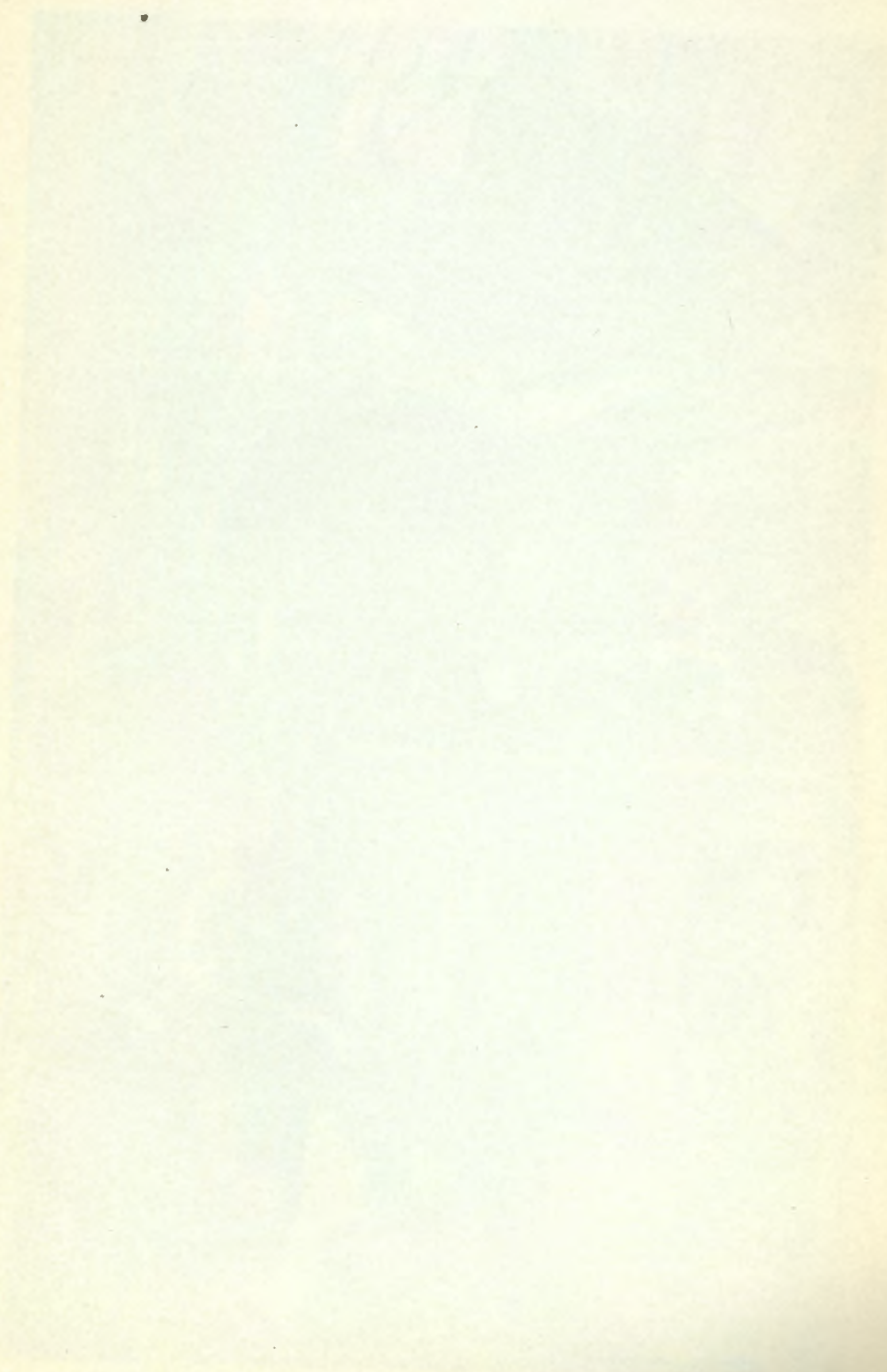
FOR THE YEAR 1881

CHURCH

NEW JERSEY

W. J.

1881



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

1957

974,901
+ 79.1

BOARD OF CONSULTANTS

CLARENCE O'CROWLEY, M.D., F.A.C.S.	Urology
GEORGE H. LATHROPE, M.D., F.A.C.P.	Clinical Medicine
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EMANUEL H. FEIRING, M.D., F.A.C.S.	Neuro-Surgery
STUART Z. HAWKES, M.D., F.A.C.S.	Surgery
LAWRENCE C. KOLB, M.D., F.A.P.A.	Psychiatry

This Hospital is approved by the
JOINT COMMISSION ON ACCREDITATION OF HOSPITALS
of the

AMERICAN COLLEGE OF PHYSICIANS
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AMERICAN HOSPITAL ASSOCIATION
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Residency Program in Psychiatry
approved by the
COUNCIL ON MEDICAL EDUCATION AND HOSPITALS
of the
AMERICAN MEDICAL ASSOCIATION
and the
AMERICAN BOARD OF PSYCHIATRY AND NEUROLOGY

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OFFICERS

ARCHIE CRANDELL, M.D.

Medical Superintendent and Chief Executive Officer

THEODORE GEBIRTIG, M.D.

Assistant Medical Superintendent

LAURENCE M. COLLINS, M.D.

Clinical Director

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

Assistant Clinical Director

JOHN T. NEAL, JR.

Business Manager

HOSPITAL STAFF

Clinical Psychiatrists: Drs. Joseph F. Zigarelli (Diplomate), Raymond J. Harquail, Daniel G. Melvin, Joseph Donovan, Edward I. Kessler, Helen I. Anderson, Amedeo Esposito, and Frank D. Fenimore.

Senior Physicians: Drs. Perry J. Gambill (retired), William S. Voorhies (retired), Gerald W. Snyder, John Ma, Aksel Pustroem, and Alfred Hicks.

Physicians: Drs. Livio Mocenigo, Tamas A. Lanczy (resigned), Myron Dolinsky, Helen Mamantov, Stanislaus Wojdatt, Carl Drake (resigned), John W. Lathen (resigned), Elmar Kurzbach, Antons Jurkans, Jaroslav Dobrinsky (resigned), Jose Navarrete, Julian H. Zaborowski, Wolfram R. Roscher, Ingeborg Nesseler, Valentine E. Jedlikowski, Sing Bea Chang, Vincent Inceciyan, Friedrick K. Racke, Natalia Woronczuk, Harvey Kornblit, and Elisabeth C. Willemsen.

Resident Psychiatrists I: Dr. Jose Delgado. Resident Psychiatrists II: Drs. Hubert Felger, Adam Colonna-Czosnowski, Eugene Hrabarchuk, and Joannes Cap. Resident Psychiatrists III: Drs. Alan Godwin and Lelio N. Passaglia.

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; Senior Staff Dentist, Dr. William J. Byatt; Staff Dentist, Dr. Charles Halstead; Chiropodist, Dr. Frank J. Gasser; Pharmacist-in-Charge, John V. Callery, R. P.

Director of Nursing, Laetitia M. Roe, R. N., Resident Chaplains, the Rev. Keith Keidel (resigned), Father John J. White, and the Rev. George R. Tolson; Director of Social Service, Herman Carter; Director of Occupational Therapy I, Lucille Boss; Supervisor of Recreation, Dorothy E. Johnson; Senior Librarian, Flora Bel Dayton.

Institutional Personnel Officer I, Richard E. Winans; Engineer-in-Charge I, Maurice A. Chaillet, Jr.; Building Service Supervisor, Graham B. Tunis; Farm Supervisor I, James B. Stuart; Food Service Supervisor I, Richard Gessner; Chief Security Officer, Sgt. John R. Miller, N. J. S. P. (retired), Sgt. Philip P. O'Reilly, N. J. S. P.; Institutional Fire Chief, Charles H. Acker.

Northern New Jersey Mental Hygiene Clinics: Director, Vacant; Director of Psychiatric Social Work, Clinic, Mildred H. Hurley; Psychologist, Dr. Marion R. Hall.

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Report To The Commissioner

To The Honorable John W. Tramburg,

Commissioner of Institutions and Agencies:

The Board of Managers of The New Jersey State Hospital at Greystone Park presents to you their eighty-second report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1957.

We, as a Board of Managers, are very proud of the fact that this hospital has continued to move forward in the treatment program provided for our patients. The constant problem of inadequate personnel has confronted the management of the hospital throughout the past fiscal year. Close cooperation between this Board, the management of the hospital and the employees has made it possible to maintain high standards of treatment in spite of many vacant positions, particularly in the nursing department. The program achieved a year ago for treatment with the new drugs has exceeded our expectations and at the close of the year 2,200 patients were receiving extensive therapy with specific drugs. We have recommended to the management that this program continue at an accelerated rate regardless of the fact that the present budget is not adequate to handle the accelerated program and additional funds will be required to carry the program during the present fiscal year.

You, Commissioner Tramburg, have been a sincere inspiration to us throughout the year. We know that you and the entire Department of Institutions and Agencies have done everything within your power to assist with the treatment program of this hospital.

President Wescott, State Board of Control, has been available to us for consultation and we deeply appreciate this courtesy. Other members of the State Board of Control, and former members, have visited during the year and discussed matters of institutional interest with us.

On July 1, 1956, there were 6,710 patients on the records of the hospital. On June 30, 1957, there were on the books 6,529 patients, a decrease of 181 patients, 34 men and 147 women. There were 5,532 patients resident in the hospital, including 100 on brief visit; 1,097 were out of the hospital on convalescent leave, brief or temporary visit, or missing. During the year there were admitted 1,633 patients, of which 1,123 were first admissions. The discharges numbered 1,199 regularly discharged, 499 were recovered, 688 improved, 2 unimproved and 10 with-

out mental disorder. The deaths numbered 506 and the total under care was 8,343 patients. The total number transferred to other institutions was 75.

Twelve regular meetings and one special meeting of the Board were held during the year with an attendance of 63; committee meetings and visits numbered 163, which made 226 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 Abell had perfect attendance, Mr. Evans was absent only once, and Mr. Polow was absent three times. Mr. Moseley and Mrs. Johnson attended 8 meetings. Mr. Dwyer, appointed January 4, 1957, attended 6 meetings and Mrs. Everett, appointed June 3, 1957, attended one meeting. Dr. Walter A. Reiter, whose term expired June 30, 1956, continued to serve the Board until his successor was appointed and attended 5 regular meetings.

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.

This Board is fully aware of the needs of the hospital to adequately care for the patients and we shall continue to acquaint ourselves with the operation of the hospital and give you justification for each budget request. The budget estimates for 1959 were studied by us in July, 1957. We appeal to you, Commissioner Tramburg, for your support and the support of the entire Central Office in making adequate budget allowances which will permit the management of this hospital to provide care and treatment for patients which will be comparable with any similar hospital in the country.

We closed the fiscal year with the feeling that you gave your wholehearted support to this hospital during a very trying period and we are very thankful for this support. Also, we express to Dr. Crandell, and his entire staff, our sincere appreciation for the faithful service rendered the hospital during the year.

Respectfully submitted,

FRANK D. ABELL, *President*

FREDERICK S. MOSELEY, JR., *Vice-President*

MRS. EADS JOHNSON

SCRIVEN S. EVANS, JR.

BERTRAM POLOW

MICHAEL A. DWYER

MRS. SEYMOUR B. EVERETT

Financial Report of Cash Receipts and Disbursements for the Fiscal Year Ended June 30, 1957

RECEIPTS

From:

Atlantic County.....	208.32
Bergen County.....	756,722.28
Burlington County.....	742.90
Camden County.....	1,488.70
Cape May County.....	351.36
Cumberland County.....	3,111.02
Essex County.....	821,944.14
Gloucester County.....	1,103.87
Hudson County.....	217,767.25
Hunterdon County.....	2,403.72
Mercer County.....	162.87
Middlesex County.....	20,461.45
Monmouth County.....	14,495.50
Morris County.....	266,388.61
Ocean County.....	4,366.21
Passaic County.....	775,522.14
Salem County.....	609.60
Somerset County.....	6,170.11
Sussex County.....	50,583.02
Union County.....	79,639.71
Warren County.....	2,156.67
Non-Indigent Patients.....	419,983.28
State Contributing Patients.....	40,343.46
Excess Maintenance Collected by Counties.....	71,521.77
Maintenance Recovery.....	102,144.46
Miscellaneous Receipts.....	17,064.60
	<hr/>
	\$3,677,457.02

DISBURSEMENTS

Amount of Collections Deposited with State Treasurer.....\$3,677,457.02

1950 Census

Atlantic	132,879
Bergen	536,310
Burlington	135,926
Camden	300,287
Cape May	36,924
Cumberland	88,727
Essex	900,887
Gloucester	91,719
Hudson	646,136
Hunterdon	42,689
Mercer	229,412
Middlesex	264,659
Monmouth	223,306
Morris	164,613
Ocean	56,117
Passaic	337,308
Salem	49,615
Somerset	98,740
Sussex	34,308
Union	397,559
Warren	54,407
Total	4,822,528

Population of the Six Counties Served by Greystone Park: 2,619,562

Report of the Chief Executive Officer

To the Board of Managers:

This, the eighty-second annual report of the New Jersey State Hospital at Greystone Park for the fiscal year ending June 30, 1957, is respectfully submitted.

The year has seen a gradual decrease in population in the hospital and a rise in the number carried on convalescent status. There has thus been a lessening of the overcrowding, with 5,432 patients in the hospital at the end of the year, compared with a rated capacity of 4,290, or an overcrowding of about 37 per cent. The slightly smaller geographical area which we serve, since the loss of Hudson County and eastern Essex County, has been a factor in the reduction of our admissions, 1,633 patients entering the hospital during the year as compared to 1,732 the previous year. The active treatment program, particularly with the use of the tranquilizing drugs, has not only lowered the total population but has increased the number of patients on convalescent leave and the number on family care has also been increased.

The proper staffing for effective care of the patients has continued to be an outstanding problem during the year. The size of the hospital and its location in a metropolitan area, with rapidly expanding light industry competing with us in a tight labor market, has hampered recruitment and forced the employment of many employees with less stable work habits. This has resulted in a high turnover in the lower brackets, attendants, food service workers, and the like.

The coordination of residency training on a state-wide level has continued, with a series of didactic lectures on a rotating two-year schedule covering the basic sciences and specialty course required by the American Board of Psychiatry and Neurology. In addition to these lectures given at Princeton by members of the teaching staffs of medical schools in New York and Philadelphia, there have been conferences and seminars at the individual institutions. It is anticipated that with the coming of Dr. Paul Haun to the staff of the Division of Mental Health and Hospitals, where he will supervise training throughout the Department, approval will be obtained for the third year of residency training at this hospital. In addition to the training of physicians in psychiatry and

neurology, we have an active training program which is offered to theological students as well as a program especially designed for the graduate and undergraduate nurses, psychiatric technicians and attendants, and for those who volunteer their services to the hospital through the Greystone Park Association.

Health

The health of the patient population as well as of the employees of the hospital has been maintained at a high standard throughout the year. We have continued the general health program involving physical and laboratory examinations of all new employees and, where indicated, there has been psychiatric screening as well. The routine management of all newly-admitted patients likewise includes a thorough physical, mental and laboratory examination. New employees and new patients alike receive initial chest x-ray examinations and there is a routine x-ray re-check of the entire population twice yearly. All those whose duties include the handling of food are examined at frequent intervals. Food products delivered to the hospital are examined prior to acceptance by Federal inspectors, which assures us only food products of standard quality.

As a continuing reminder of the mild outbreak in 1944, we still have six women who are typhoid carriers in isolation in the Main Building. They are in excellent general health.

Statistical Resume

General Data: During the year ending June 30, 1957, there were admitted 1,633 patients (788 men and 845 women). This figure is 99 less than last year. The admissions included 1,123 first admissions (588 men and 535 women), 432 readmissions (182 men and 250 women), 34 transfers from other similar hospitals in New Jersey (18 men and 16 women) and 44 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 55 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950). The number of patients discharged, including deaths, was 1,814 (822 men and 992 women), making a decrease of 181 patients on the books at the close of the year.

There were under treatment during the year 8,343 patients (3,806 men and 4,537 women), which was 1,047 less than the preceding year. The maximum census for the year was 6,711, obtained on July 1st, and

the highest number actually in the hospital at any one time was 5,780 on September 11th. The average daily number in the hospital was 5,610.73. At the close of the year there were in the hospital 5,432 patients (2,519 men and 2,913 women), including 45 patients (12 men and 33 women) on family care; 1,076 patients (448 men and 628 women) were carried on convalescent leave, brief or temporary visit, and 21 patients (17 men and 4 women) were carried as missing. This is an increase of 112 patients outside the hospital and a decrease of 293 actually in the hospital at the close of the year.

Discharges: The total of those discharged was 1,199 (512 men and 687 women). Of this number 499 (234 men and 265 women) were considered to have recovered from their psychoses. This is 44.4 per cent, based on the number of first admissions, which is 12.3 per cent lower than last year. A total of 688 (271 men and 417 women) were discharged as improved, or 61.3 per cent, based on the number of first admissions, which is 8.6 per cent less than last year. The manner of discharge of the remaining patients was as follows: 2 unimproved (1 man and 1 woman) and 10 without mental disorder (6 men and 4 women). In addition to those discharged, 75 patients (63 men and 12 women) were transferred to other similar hospitals in New Jersey; also 33 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution and 1 died. The above figures include 26 men, committed under the Sex Offenders Act (Chapter 207, Laws of 1950).

Deaths: During the year 506 patients died (247 men and 259 women). This is a death rate of 6.06 per cent, based on the number under treatment, and is .27 per cent lower than last year.

The average age at death was .27 years higher than last year, being 71.47 years.

Clinical Department

Dr. Laurence M. Collins, a Fellow of both the American College of Surgeons and the American Psychiatric Association, has been the clinical director for sixteen years and a member of the staff of this hospital for forty years. He has continued his outstanding work of actively supervising the professional services, assisted by Dr. William H. Longley, Jr., Dr. Raymond J. Harquail and Dr. Daniel G. Melvin. The report of the clinical director follows:

Clinical Director's Report

The past year has been one of considerable therapeutic activity throughout the entire hospital. We have been able to keep 2,200 of our patients on ataractic therapy. The job of administering the doses to that many patients was thought to be an impossibility for our already overburdened nursing department, while the supervision of individual therapy routines for such a large group seemed beyond the capacity of our limited staff of doctors. There have been fears among some of us that it would be easy to substitute quantity for quality in treatment with agents like the tranquilizers at our disposal. However, even under ataractics not all patients become accessible to psychotherapy, and in such cases the credit must be given these drugs for making it possible to release some patients who had spent or would later expect to spend several years in the hospital. In those who remain with us the use of ataractics has resulted in lightening the burden of ward care, reducing violence and breakage, and apparently making life more livable.

With over two thousand patients on tranquilizing drugs every day we have been acutely conscious of the need to develop all our resources for therapy, especially psychotherapy, for those able to learn about themselves, their environment, and their adjustment. The patient's total burden of stress may be made lighter by something we may do to him (such as the administration of shock or drugs) or something we may do for him (such as some social work service), but we feel the greatest gains are to be made if we can help the patient learn better how to take care of himself, develop his own resources and self-confidence and find satisfying goals in life. We are not equipped to carry out the lengthy treatment required to completely fulfill this goal but we like to feel we have a hand in beginning the process and that it will be continued outside the hospital by those patients who have resources to do so or who make use of outside help from family, friends, and clinics or other professional sources.

During the year our patient census dropped another three hundred due to a number of contributing factors. While we are gratified by this result, one of our pressing problems is becoming more noticeable, the admission of a larger number of older patients. The nursing department is greatly understaffed and, with these patients, nursing care is a life-saving necessity rather than a psychotherapeutic luxury. This forces a channeling of nurse power into geriatric rather than psychiatric

activities. To move the geriatric cases out of an active therapy zone we must wait for space where there are not too many steps to climb, where meals may be served on the same floor as the sleeping and living areas, and where there are assigned sufficient numbers of personnel to give the care, help and attention these older patients need.

Last year we admitted 1,633 patients, of whom 1,123 were here as first admissions and 432 had been patients in this hospital or elsewhere at least once before. As usual, the men outnumbered the women 588 to 535 among the first admissions and the women readmissions outnumbered the men by 250 to 182. We did have a significant change in the figures on sex offender cases admitted during the past year. In the reporting period just passed there were 55 men admitted under the Sex Offender statutes as compared to a maximum of 39 in preceding years. There were 26 of these special cases discharged during the year, which is about our average. It is worthy of note that of about 150 who have come to Greystone Park in this category and have left the hospital, our figures show only 7 as having repeated their offense and 3 of the 7 were considered to be untreatable.

We discharged 1,199 patients from the institution last year. This coincides with our normal rate of releases in the years previous to 1956, when the redistribution of territory created a sudden rise in our discharge rate. There were 687 women discharged during the year and only 512 men, a difference of 175 persons. It is noted that 547 women received ambulatory electroshock treatments as compared to 230 men; also, about half of the patients on ataractics in the entire hospital are women in the south side wards of the Main Building.

The social service department has completed a most trying year. During the winter there was a time when Mr. Carter was trying to carry on by himself with some help from a few veteran members of the staff. We want to express appreciation for the way each member of the team responded. In the spring new members joined the staff and gradually the backlog of casework was decreased. In spite of adverse conditions, placements were found for many patients leaving the hospital under a family care plan and at the end of the year the number of patients placed under this program was double the figure for the previous year. A more complete report on the activities of the social service department will be found elsewhere.

We have been successful in getting Dr. Stanley Liutkus from the

Eastern Pennsylvania Psychiatric Institute to head our psychology department. Pending his arrival we have had the help of Mr. Jack Kreitman of the Bergen County School System since the end of the school year and the occasional help in an emergency of Dr. Marion Hall in the mental hygiene clinic. We welcome the arrival of Dr. Liutkus and hope plans for creating a well-trained department will be brought to completion in the near future.

Dr. Zigarelli continued to make and interpret electroencephalograms during the year for all services in the hospital as well as making occasional examinations for other State agencies.

The shock service under Dr. Esposito admitted 440 patients for combined treatment or straight insulin treatment and supervised the administration of ambulatory electroshock to nearly 900 patients throughout the hospital. There were about 16,500 ambulatory ECT treatments given throughout the hospital last year, a 9,000 drop from the customary number given each year before the ataractics came into such wide use. Dr. Esposito continued to assist and advise Dr. Hicks in the administration of shock and group therapy on Ward 17-A where selected patients were put through a total push program in which the recreational and occupational therapy departments were very active. The patients themselves were "involved with living" as much as possible instead of being allowed to withdraw. Patient self-government was continued actively and functioned well.

During the year there were 506 deaths, mostly from the ailments of old age. There were 12 bodies sent to the pathological and anatomical association of Seton Hall after exhaustive search failed to discover any relatives who would claim the bodies; 129 autopsies were performed with consent of the families and 17 were county physician's cases. Calculating with these figures, we had a 30 per cent autopsy rate, which was well above the 25 per cent required by the American Medical Association for recognition and approval for training. A representative of the service on which the patient died was required to be at the autopsy with the case history; the residents in training were called when a body was to be examined.

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 affli-

ate nurses, psychiatric technician trainees and clinical pastoral trainees as part of their regular training experience in the hospital. Monday afternoon rounds were made regularly to visit all new admissions of the previous week, establish a provisional diagnosis and assign them to members of the staff for special study, diagnosis and treatment.

Staff training continues actively at this hospital and each year finds us adding a little to the curriculum or refining our teaching techniques. Important in the past year was the making of a clear distinction between the Resident whose time was largely spent learning and the Staff Physician who, under his Chief of Service, keeps the hospital in operation. Formerly, all doctors who joined the staff without previous psychiatric training received two years training to help them do their jobs more effectively. Now, we are preparing for the Certification examinations and the qualifications required for those accepted for training are more rigid. The Resident, upon completion of training, should be able to meet the specialty board's requirements for examination; citizenship is required and it is essential to have a complete command of the English language for purposes of communication with teachers, patients, fellow members of the staff, the public and the Board of Examiners. Through the Central Office of the Department of Institutions and Agencies, a series of didactic lectures has been established on a rotating two-year schedule, covering the basic sciences and specialty courses required by the American Board of Psychiatry and Neurology and staffed by members of the regular teaching staffs of the best medical schools in the New York-Philadelphia area chosen by a resident training committee made up of the directors of the staff training of the four State hospitals, the State neuropsychiatric institute and the Veterans Administration Hospital at Lyons, all coordinated and assisted by the chairmanship of Dr. Nolan D. C. Lewis. The lectures were given at Princeton on alternate Fridays through the school year. A supporting intramural program of conferences and seminars, teaching experience, rotation through the acute and chronic services and preceptor-type supervision of the resident's work has rounded out the total program approved by the training committee of the American Psychiatric Association. Some of the staff took courses in New York on their own initiative during the year and the staff was urged to attend meetings of professional societies in accordance with established hospital policy.

In the year ahead we hope, by further teaching and research, to

assist our patients to regain their health and return as active members of society. Before closing this report, I wish to extend my sincerest appreciation to the Board of Managers, the Superintendent and the entire staff for their fine spirit of cooperation extended to me during the many years I have served as clinical director.

Shock Therapy

Under the continued direction of Dr. Amedeo Esposito, the Shock Therapy Service on the two wards in the Clinic Building administered insulin and electroshock therapy to a total of 440 patients (215 men and 225 women). Dr. Esposito has submitted a complete tabulation of the results of this therapy. There were 168 men who received a complete course of treatments and of this number 133 (79 per cent) left the hospital, 28 (17 per cent) are in the hospital in an improved condition, and 7 (4 per cent) are in the hospital unimproved by the therapy. There were 168 women who received complete courses of treatment and of this number 131 (78 per cent) left the hospital, 26 (15 per cent) remained in the hospital improved, and 11 (7 per cent) showed no improvement.

As in previous years, schizophrenic patients outnumbered those with other diagnoses, and of the 336 treated, 264 left the hospital after treatment.

A total of 6,539 treatments with insulin alone and 2,207 with combined insulin and electroshock were administered; in addition, 13,093 electroshock treatments were given on other wards of the hospital.

Insulin coma treatments are a greater risk when dealing with elderly patients and we have tried to limit its administration; all patients over forty-five years of age or those who have a history of any cardiac condition are examined by the cardiologist. There were no major fractures of shoulder, hip or pelvis. Liver function tests were done on all new admissions to the service.

Electroshock treatments have been continued in the Reception, Main, Dormitory and Tuberculosis Buildings, and there has been an increase in the use of Anectine (a Burrows-Welcome curare product); over 80 per cent of the patients receiving electroshock either alone or in conjunction with insulin coma treatments received prior doses of Anectine, resulting in less muscular complaints and fewer fractures. Of patients treated during the year, 79 per cent left the hospital on

convalescent status or discharge; this percentage has varied between 75 and 83 per cent during the past five years.

Selected use of Thorazine, Serpasil and Equanil in conjunction with insulin and electroshock has been found to be of great help; the majority of patients admitted to the Shock Therapy Service have previously received tranquilizers or electroshock treatments without sufficient improvement to warrant their release.

Roentgenology and Electrotherapy

Dr. Daniel G. Melvin supervised both the main Roentgenology and Electrotherapeutic Department in the Clinic Building as well as the smaller x-ray unit in the Tuberculosis Building. He has been assisted by a staff of five who, during the year, made a total of 8,834 exposures and administered a total of 1,253 electrotherapeutic treatments.

Dr. Oscar H. Cohen continued as consultant in x-ray therapy and performed 129 consultations and examinations. There were 15 patients who received a total of 134 roentgenotherapeutic treatments. Clinics are held on Monday of each week.

Dr. Albert Abraham, cardiac consultant, recorded 388 electrocardiograms and consultations. Clinics are held on Wednesday and Friday of each week.

The semi-annual chest x-ray survey of the entire patient and employee population required approximately 12,000 photoroentgen films.

Dr. Zigarelli has continued the operation of the eight-channel electroencephalograph in the Reception Building.

Tuberculosis

Dr. John Ma has been in charge of the Tuberculosis Service during the year and reports that 36 men and 21 women were admitted to the service during the year; of these, 7 men and 2 women were received from the state hospital at Marlboro, 8 men and 6 women from other hospitals, and 21 men and 13 women were from the wards of our own hospital. There were 59 patients (20 men and 39 women) who recovered from tuberculosis, and 160 patients (72 men and 88 women) who improved. The census of the service at the close of the year showed 551 patients (294 men and 257 women); 210 of these patients were considered active and 341 patients as convalescent. Of the 32 deaths on the service during the year, only 2 were directly attributed to tuberculosis.

The results of a study made in this department were prepared for publication by Dr. Ma and appeared in the September issue of the American Review of Tuberculosis and Pulmonary Disease.

Many of the active cases of pulmonary tuberculosis have improved remarkably with the improvement in their mental condition during treatment by the tranquilizing drugs, and a paper entitled "The Management of Tuberculous Patients in Mental Hospitals" was presented at the annual meeting of the American Academy of Tuberculosis Physicians.

Surgery

Dr. Laurence M. Collins, F. A. C. S., has continued to give guidance and supervision to this department. Dr. Edward I. Kessler, F. I. C. S., has continued immediate supervision of the Surgical Service. Pathological fractures which occurred during the year in the older group of patients numbered 136. There were 23 laparotomies performed for gastrointestinal conditions, 5 laparotomies for gynecological complaints, 17 operations for the repair of the various kinds of hernias, 3 breast amputations for removal of tumor, 3 amputations of legs necessitated by gangrene. There were many operations of a minor nature performed throughout the hospital and these have been reported in the individual case records.

Dr. Stuart Z. Hawkes, F. A. C. S., has visited the hospital frequently in his capacity as consultant in surgery, giving valuable service on the surgical wards.

Joan C. Fenimore, registered nurse anesthetist, reports a total of 131 anesthetics, 33 local, 52 spinal, 38 general and 8 intravenous anesthetics.

Since we have no obstetrical department, we report here that during the year 1 boy and 2 girls were born alive in the hospital.

Urology and Proctology

Dr. Marshall D. Hogan has supervised urology and proctology during the year, making frequent visits to the hospital as indicated. He reports 22 proctological operations and 11 urological operations as well as 326 rectal examinations, 306 proctological consultations, 139 urological consultations and a total of 782 colonic treatments given to 112 men.

Dentistry

Dr. William J. Byatt, senior resident dentist, has been assisted by Dr. Charles Halstead; Mr. Patrick DeNapoly continued as dental technician. During the year there were 3,919 patient visits to the clinic, including 1,603 transfer and admission examinations, 1,863 treatments, 1,175 fillings and 375 intra-oral x-ray examinations. There were 2,981 extractions of teeth, 67 surgical removals of teeth and 7 impactions removed. The laboratory processed 253 dentures, including 129 full upper or lower, as well as repairing 214 others.

Chiropody

Frank J. Gasser, D. S. C., reports that a total of 1,080 patients received a total of 1,970 treatments during the year at the Chiropody Clinic, which functions two mornings a week.

Pathology and Bacteriology

Dr. Abraham J. Gitlitz, pathologist, has continued the supervision of the laboratories and reports that his staff of 12 has cooperated in keeping abreast of new advances in laboratory procedures. The difficulty in obtaining replacement for the laboratory personnel still prevails because of the national shortage of trained technologists in this field. It has been necessary to curtail investigative work in order to continue to properly service the patients for their daily needs in conjunction with their clinical care. The staff has been very cooperative in maintaining a high standard in this regard. Plans have been made for renovating facilities long out-dated. Some new equipment, more accurate and efficient than the old, has been obtained.

Urinalyses performed totaled 7,960.

Hematology included 3,767 red cell counts, 4,149 leukocyte counts and 3,741 differential counts. There were 3,754 hemoglobin determinations. Bleeding and clotting time was determined in 8 and sedimentation rate in 713 cases. Blood typing and Rh factor totaled 1,990 each, with cross-matching in 50 cases.

Blood chemistry determinations included 2,098 urea nitrogen, 4,507 blood sugar, 72 blood chlorides and other special determinations in a smaller number.

Immunological tests included 4,223 determinations of both Wassermann and Kline reactions; there were also 144 complete examinations

of spinal fluid. Bacteriological tests numbered 367 smears of sputum for tubercle bacillus as well as 314 other bacteriological determinations. There were 573 feces examinations for occult blood and 553 for ova and parasites.

Among other examinations listed were 258 cephalin cholesterol flocculation liver function tests and 49 bromsulphalein tests. From the 129 autopsies performed, 2,838 tissue pieces were examined. The total of all tests performed during the year was 50,351.

Staff Matters

Staff assignments have remained generally unchanged during the past year. Dr. Theodore Gebirtig has continued as assistant superintendent, and Dr. Laurence M. Collins as clinical director, assisted by Dr. William H. Longley, assistant clinical director.

In the Reception Building, Dr. Zigarelli, clinical psychiatrist (diploma), has been in charge of the men's admission service, assisted by Drs. Felger, Navarrete, Kornblit, Aydin and Zaborowski. Dr. Fenimore, clinical psychiatrist, has directed the women's admission service, assisted by Drs. Hrabarchuk, Delgado, Nesseler, Passaglia and Jedlikowski. In the Clinic Building, Dr. Kessler, clinical psychiatrist, has been assisted by Drs. Mocenigo, Chang and Willemsen on the medical and surgical wards, and Dr. Esposito, clinical psychiatrist, has had the assistance of Dr. Wojdatt on the shock therapy service; Dr. Donovan, clinical psychiatrist, has been responsible for employee health, assisted by Dr. Kurzbach; Dr. Mettler, senior physician, has been responsible for neurology, and Dr. Hicks, senior physician, for the special therapy ward. In the Main Building, Dr. Harquail, clinical psychiatrist, has given supervision to the entire building, with Dr. Pustroem, senior physician, assisted by Drs. Racke and Woronzuk, on the women's wards, and Dr. Snyder, senior physician, assisted by Drs. Dolinsky, Cap and Inceciyan, on the men's wards. In the Dormitory Building, Dr. Anderson, clinical psychiatrist, has directed the service which cares for the greatest number of elderly patients; she has been assisted by Drs. Colonna, Roscher and Godwin. In the Tuberculosis Building, Dr. Ma, senior physician, has had the assistance of Drs. Mamantov and Jurkans.

Dr. Crandell attended the Mental Hospital Institute of the American Psychiatric Association in Denver, at which the business manager, Mr. Neal, was the official representative of the hospital. As a member

of the Committee on Rehabilitation, Dr. Crandell attended the joint committee and section meetings of the American Psychiatric Association in Washington in October. During the year he served as a member of the Subcommittee on Mental Health of the Medical Society of New Jersey and as delegate to that society from the Morris County Medical Society. He completed his service as a member of the council of the New Jersey Neuropsychiatric Association and continued to assist the State of New York in examining candidates for top positions in the Department of Mental Hygiene. Many other professional meetings were attended, including those of the American College of Physicians, New York Society for Clinical Psychiatry, Association for Research in Nervous and Mental Disease and the American Association for the Advancement of Science. He gave several talks to interested groups, including an address broadcast on radio network on Hospital Careers, and presented a paper before the American Academy of Tuberculosis Physicians in New York City. While continuing his active participation in the Medical Reserve of the United States Air Force, he was promoted to the rank of Colonel, effective November 30, 1956.

The Seventh Annual Institute in Psychiatry and Neurology at Lyons, the Fourth Annual Psychiatric Institute at Princeton, and the meetings of the Morris County Medical Society, the Medical Society of New Jersey, and the annual meeting of the American Medical Society were well attended by the members of the medical staff. The American Psychiatric Association annual meeting was attended by Dr. Longley; the International College of Surgeons meeting, by Dr. Kessler; the meetings of the American College of Pathologists, by Dr. Gitlitz; the American College of Surgeons meeting, by Dr. Inceciyan; and the meetings of the New Jersey Dental Society, by Drs. Byatt and Halstead. Dr. Kornblit completed a course in analytic theory at the American Institute for Psychoanalysis, New York City.

Some progress is being made in staff recruitment but housing shortage for staff is still an acute problem, in spite of our yearly budget request for funds to remedy this.

Resident Training

Our program is approved for two years of training in psychiatry by the Council on Medical Education and Hospitals of the American Medical Association in concurrence with the American Board of Psychiatry and Neurology.

Under the direct supervision of Dr. William H. Longley, assistant clinical director, a complete course has been offered to both first-year and second-year residents at this hospital. Under the training program residents were required to comply with the established curriculum including case conferences, ward rounds, staff seminars and a series of lectures on clinical psychiatry as well as monthly clinical pathological conferences, x-ray reviews and Journal Club. In addition to the above, first-year residents have received a two-day orientation of the hospital which included all therapeutic units; in-service training on basic psychiatry and neurology, including lectures on the various phases; a six-month assignment to the insulin and electric shock service, a two-hour brain-cutting session scheduled every other week throughout the academic year. The second-year residents have continued in-service training involving theory and advanced clinical psychiatry and neurology, and individual and group psychotherapy. In the organization pattern, each first-year resident has been supervised by a second-year resident, both of whom are directed by a permanent staff member. Individual conferences have been conducted by the assistant clinical director.

The didactic part of resident training was provided in a program established and continued by the Department of Institutions and Agencies under the overall supervision of the director of research. Fifty-four lectures on basic neuropsychiatric subjects were given to residents in training at the four mental hospitals, the Neuro-Psychiatric Institute and the VA facility at Lyons by lecturers from Temple, Jefferson, New York University and Columbia. Well received by the residents who attended, diplomas were awarded to those completing the series.

Plans have been completed for several internes from Newark Beth Israel Hospital to take two weeks of neuropsychiatric training at this hospital, as an elective in their three-month tour on medical service. In addition, residents in training from the Veterans Administration Hospitals in East Orange and Lyons have been accepted here for periods of from two to six months for training in neurology of women.

Appointments and Resignations

Physicians Appointed

Nejat Aydin, M. D.	July 1, 1956
Vincent Inceciyan, M. D.	July 1, 1956
Harry K. Panjwani, M. D.	July 1, 1956
Friedrick K. Racke, M. D.	July 1, 1956
Natalia Woronczuk, M. D.	September 4, 1956
Helmut Erkens, M. D.	October 1, 1956
Lelio N. Passaglia, M. D.	October 1, 1956
Harvey Kornblit, M. D.	February 1, 1957
Elisabeth Willemsen, M. D.	April 15, 1957

Physicians Resigned

Vera Allen, M. D.	August 15, 1956
Jaroslav Dobrinsky, M. D.	September 30, 1956
Helmut Erkens, M. D.	October 19, 1956
Harry K. Panjwani, M. D.	December 31, 1956
Tamas A. Lanczy, M. D.	March 1, 1957
Carl E. Drake, M. D.	April 13, 1957
Nejat Aydin, M. D.	June 30, 1957

Physicians Retired

William S. Voorhies, M. D.	August 31, 1956
Perry J. Gambill, M. D.	January 31, 1957

Other Staff Appointed

The Rev. George R. Tolson, Resident Chaplain	September 24, 1956
Marion R. Hall, Ph. D., Clinic Psychologist	April 15, 1957

Other Staff Promoted

John V. Callery, R. P., Pharmacist-in-Charge	July 1, 1956
Herman Carter, M. S. W., Director Social Service	June 15, 1957

Other Staff Resigned

The Rev. Keith Keidel, Resident Chaplain	September 15, 1956
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Other Staff Retired

Philip B. Roberts, Ph. G., Pharmacist-in-Charge	July 13, 1956
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Health Service for Employees

Dr. Joseph Donovan, who has completed thirty-three years on the staff of the hospital, has continued in charge of health services for employees, including both the Out-Patient Clinic and the employees' ward for those requiring hospitalization. His report shows 1,825 physical examinations of new applicants and 9,910 physical re-checks and treatments. There were 479 admissions to the employees' ward, 483 discharges and 2 deaths. There were 94 injections of Salk vaccine administered. 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 Miss Laetitia M. Roe, R.N., director of nursing. At the close of the year the professional staff was composed of 98 nurses, which included the director of nursing, 4 assistant directors of nursing, 3 instructors, 26 supervisors, 24 head nurses, 16 staff nurses and 24 part-time nurses. One assistant returned from sick leave and worked part-time until April; another assistant has been on sick leave since March. In the sub-professional group there were 864 psychiatric aides, which included 101 psychiatric technicians, 174 charge attendants, 526 attendants and 63 part-time workers. In addition there were 100 affiliate student nurses and 23 technician trainees. This made a total of 1,085 persons giving nursing care to 5,432 patients, as compared to 1,031 persons caring for 5,725 patients a year ago.

Overtime was continued for employees from the level of supervisor through to attendant. Attendant part-time work was started in March, particularly to relieve the shortage of men personnel. The initial interview for prospective attendants became a function of the nursing department. Absenteeism was excessive through November to March and the most common reason was illness. The system of time-keeping was revised and a technician was put in charge of the time cards.

The Graduate Nurse Program: The in-service program continued with weekly conferences directed toward improving learning experiences for student nurses and other personnel and thereby improving patient care. In February, Rutgers University initiated a team nursing project in the student nurse practice areas, but including all nursing personnel. Rather than attempt to develop two projects together, the available conference time was centered about this team plan until the first week in April. The tuberculosis service developed a Health Team which functioned through the spring. The regular supervisors' meetings were held twice monthly and the monthly building conferences were continued. One nurse was enrolled in graduate study and one nurse left to continue full-time undergraduate work, while two nurses continued on a part-time basis. There were 25 graduate nurses from 10 different countries who completed the basic affiliate course and 9 who remained on the staff on

a full-time basis. There were 8 nurses recruited from the affiliate group. In the March survey there were 81 nurses with New Jersey licenses and 15 with license pending examination results. Membership in the New Jersey State Nurses' Association was maintained by 42 nurses and by 34 nurses in the New Jersey League for Nursing.

Members of the staff were active in committees of the New Jersey State Nurses' Association and the New Jersey League for Nursing. Miss Maloney was chairman of the committee on psychiatric and mental health nursing and Miss Roe was a member of the steering committee of the Council on Psychiatric Nursing for the National League for Nursing. Mrs. Koch participated in the projects planned by the operating room nurses' section of the state association. Miss Roe and Miss Maloney attended the biennial convention of the National League for Nursing in Chicago in May.

The Affiliate School of Nursing: In this fiscal year 468 student nurses from 17 schools were enrolled in the twelve-week course and 459 completed the program. Of the 6 students who did not complete the work, 3 returned to the home school because of illness and 3 resigned to marry. The present enrollment of schools is 15 since Ohio Valley Hospital in Wheeling, West Virginia, was encouraged to seek an affiliation closer to home and Monmouth Memorial Hospital of Long Branch, New Jersey, terminated the affiliation following their conversion from a three-year to a two-year program. Rutgers University School of Nursing sent 16 students with two instructors; one group was undergraduate and one was graduate level. Seton Hall University sent 9 undergraduate students with an instructor for their first affiliation here.

The clinical rotation pattern was revised and 4 new practice areas, in which there are active treatment programs in progress, were added. The faculty felt that one experience of considerable depth was more conducive to learning than a multiplicity of experiences not too well integrated by the student and, on this basis, made the clinical assignment to one ward for 6 consecutive weeks for each student. After this they have 2 weeks in occupational therapy, 2 weeks in a medical-surgical unit and one week on an admission ward. The student time assignments became the responsibility of the classroom and all students now have Saturday, Sunday and holidays off. This provides for more continuity of time spent with the patients and for more equitable time arrangements. The seminar and panel methods of teaching have been used extensively throughout the

year. The annual interagency meeting was held in May. The Greystone Park Association gave teas for new students and the faculty. The medical staff and the directors of other departments participated in the teaching program.

The Psychiatric Technician Training Program: Of the 57 trainees enrolled, 16 graduated, 18 failed or resigned and 23 remained in training. Graduation exercises were held in June. Several projects in ward teaching and follow-up were initiated. These classes were concerned with the tranquilizing drugs, inter-personal relations, general principles in psychiatry and psychiatric nursing. Selected psychiatric films were shown twice a week through May and June, followed by a discussion period. Various other departments participated and all nursing employees were invited to attend.

The Attendant Training Program: There were 891 employees enrolled in the initial orientation and 1,936 interviews with new attendants during the first three weeks of introduction to the job. In the extended training course, 142 attendants were enrolled and 100 received certificates. The charge attendant examination was held in March and 32 attendants were promoted. Since then, the written examination is given to all attendants at completion of the extended training. Attendants have been included in the ward classes for technicians. The technique for taking blood pressure was taught to charge attendants and attendants capable of following the procedure. Classes in artificial respiration and use of the resuscitator were given at various intervals.

Future Projects: Plans were made for a reorientation program for supervisors but due to many difficulties it was not carried out. However, this program will be instituted this year.

Plans have been considered to reorganize all sub-professional training beginning with the three-week introduction and extend training through the psychiatric technician course. The idea is to have the employee progress through each stage and, if he has the qualifications and ability, he will become a psychiatric technician. It will be necessary to increase the number of classes for technicians from the present 2 a year to possibly 4.

Plans have been considered to develop a housekeeping division within the nursing department. This will be done by developing a housekeeping unit in one of the major areas at a time.

Religious Services

The religious services to our patients and employees have been provided during the past year by two resident chaplains, Father John J. White who heads the program for those of the Catholic religion, and the Reverend George R. Tolson, in charge of the Protestant program since September, when the Reverend Keith Keidel resigned. Local congregations have provided services for those of the Jewish faith, particularly on high holy days. Christian Science services are held each Wednesday afternoon. Through the assistance and guidance of the Episcopal Diocese, additional services of holy communion were made available to patients by the Episcopal clergy of the local areas, including a weekly communion on Wednesday mornings.

Father White, assisted at times by the staff at St. Virgil's parish in Morris Plains, has provided three Catholic services each Sunday morning, a 7:00 o'clock mass for employees and a service at 8:15 and 8:45 for patients. His yearly report shows that the attendance at the 91 masses for patients was 20,063 and at the 59 masses for employees was 3,212. In addition, the Sacrament of Extreme Unction was administered to 450; 532 visits were made to patients on the wards; more than 250 conferences were held with relatives and employees; and 1,919 confessions of patients were heard in the chapel. Included in the duties of the Catholic chaplain were the issuance of 154 burial permits and the burial services of 19 patients. Additional religious devotions were scheduled for the Chapel of Our Lady, Health of the Sick, including the full liturgy of Holy Week.

Chaplain Tolson continued the supervision of the clinical pastoral education and, with the assistance of student chaplains, has made 1,620 calls on patients throughout the institution, held 53 Sunday morning services of Divine worship including 4 Communion services, and spent more than 200 hours in conference with students in seminars and lectures. The patient choir has continued to be a feature of the Protestant services. An institute for Morris County clergymen was held, attended by more than 40; in addition, Mr. Tolson has assisted in welcoming and conducting through the hospital some five hundred individuals, frequently in cooperation with members of the Greystone Park Association.

Both chaplains were active throughout the year in attending numerous professional conferences and meetings and have also devoted much time lecturing to various groups. Father White participated in a broadcast on mental health.

Social Service

Herman Carter, M.S.W., continued as acting director of social service until June 15th, when he was made director of social service. There has been a professional staff of 8, of which 2 were summer workers, and a clerical staff of 6, including 2 seasonal assistants.

During the year 1,117 patients were released on convalescent leave, and 611 patients discharged from convalescent leave. A total of 4,272 interviews were made, 2,465 in the hospital and 1,807 in the community. There were 618 histories obtained in the office, requiring interviews with 789 persons, and 595 histories were obtained by questionnaire. Interviews with relatives of patients prior to home visit numbered 98 and, in addition, 25 special home investigations were made.

Mr. Carter's comprehensive report for the year outlined the casework functions and activities of his department, which is to be complimented for the accomplishments achieved in spite of acute personnel shortage.

Occupational Therapy

Mrs. Lucille Boss, M.A., completed her third year as director of occupational therapy. She has been assisted by a staff of 3 professionally trained and registered occupational therapists and 35 additional workers.

The training for occupational therapy personnel and nursing personnel has been continued and the treatment facilities offered the patients improved. Weekly discussion groups on the newer concepts have been helpful to the department personnel and practice in preparing better progress notes has been supervised. Psychiatric technicians and affiliate nursing students as well as volunteer assistants have all received instruction.

In the Clinic Building, mixed groups of men and women of both the general therapy and the textile shops have been permitted work in a more normal atmosphere. Both shops have been redecorated and cabinets added. In the Women's Arts and Crafts Building a model kitchen is under construction, a general craft area has been set up for newly referred patients to be used for short-term projects requiring a maximum of attention, and equipment in office procedures has been provided. The men's shop has also emphasized the program for newly-referred patients.

Modalities utilized in the department included art work, ceramics,

sewing and needle work, rug making, woodwork, light metal work, basket-weaving, leatherwork, and many minor crafts. As patients have improved, their activities have been up-graded gradually to include pre-vocational experience in preparation for their return to the community. Production reached a total of almost 45,000 articles with 30,000 for general hospital use, 12,500 for display and sales rooms, and the remaining items used directly by patients who made them.

The Printing and Bookbinding Department has had an active year in this phase of occupational therapy. In addition to the printing of our annual report and THE PSYCHOGRAM, our monthly magazine, there was a total of almost 2,325,000 impressions from their printing presses, almost 868,380 from the ruling machine, and also 638,466 punching and perforating, 23,655 padding and almost 14,500 binding operations.

Mrs. Boss continued to serve on the executive board of the New Jersey Occupational Therapy Association and was chairman of a group conducting research on "The Maximum Use of Occupational Therapy in Psychiatry" under a grant from the National Institute of Mental Health.

Recreation

Mrs. Dorothy Johnson, who has been on the staff of this hospital for thirty-one years, has continued as supervisor of recreation, directing the many recreational and physical educational activities of the institution. Her staff has consisted of 5 recreational assistants and 5 recreational aides.

Game skills, creative skills, art, music, drama and literature comprise a balanced program, with special concern for seasonal and holiday activities. Included in the program are resocializing and rehabilitation classes, physical fitness and music classes, and such activities as the art club, glee club and choir, bowling, dancing and speaking groups. Athletic activities vary with the season and picnics are greatly enjoyed during the summer months. During the winter moving pictures are a great source of entertainment for the entire hospital; those able to do so attend the weekly showings in the amusement hall while for those unable to leave their wards the 16 mm. movies are shown on a regular schedule throughout the institution. Many volunteer groups give valued assistance with the recreational activities.

An attempt was made to reach every patient with some phase of the program, and a total attendance of 69,850 was recorded at the various parties, movies and dances held during the year.

Library

Mrs. Flora Bel Dayton has continued to serve as senior librarian, supervising the libraries located in the Clinic, Main and Dormitory Buildings as well as the library service on the wards. Volunteer services have been of great help and were much appreciated. A large number of patients have spent longer hours in the libraries and prompt attention has been given specific requests for reading material. Certain patients have assisted in the libraries as a form of therapy and the library service now has bibliographies of the religious fiction, sea stories and biographical novels.

The library in the Main Building was moved from the second floor to a more spacious room on the first floor. New shelves were added in both the Clinic and Dormitory libraries. Two new world globes were donated as well as a new book cart for use in the Dormitory Building. Gift subscriptions to *Time*, *Newsweek* and *Readers Digest* have also been received.

Mrs. Dayton reports more than 1,050 books were added to the three libraries, and that 165,045 items, including pocket books, magazines and puzzles, were distributed; this figure does not include the reference books, maps or magazines read in the libraries.

During the year Mrs. Dayton continued active participation in various local and state library groups.

Greystone Park Association

Mrs. George G. Hennessy, president, reports that the Association this past year has continued to render direct service to the hospital, particularly in public education.

An all-day Directors Workshop held in September for new board members covered services rendered by the Association and outlined the hospital program, with emphasis on rehabilitation, shortages of hospital personnel and budget limitations. During the year this story was repeated many times in an effort to educate our membership and to reach as many community groups as possible.

Members of the Speakers Bureau and county directors gave 42 talks during the year, 15 of them illustrated with Kodachrome pictures of the hospital. Tours were both arranged and conducted. The Association's Tour Squad conducted tours on 20 occasions during the year. In addition, Association members acted as hostesses on Hospital Day, handled

registration and conducted 9 tours. Newspaper publicity throughout the year and radio coverage of special events furthered efforts to reach the public. Four newsletters were sent out to members and organizations. Articles were published in the *New Jersey Clubwoman*, *Scope Weekly* and the *National Hospital Auxiliary Newsletters*.

Association members served on the Mental Health committee of the New Jersey Association of Hospital Auxiliaries, which conducted a statewide Mid-Winter Conference at Marlboro in January on "The Challenge of Mental Illness". This committee, headed by Mrs. Daniel A. Leary, also prepared a mental health exhibit for the Spring Conference in Atlantic City. The Association was well represented at both of these conferences. Board members also covered the New Jersey Welfare Council Conference and the annual meeting of the New Jersey Association for Mental Health among others.

The Association's first Fall Festival in October was a successful fund raising project, and also served to bring over 200 persons to the hospital.

Much of the direct service rendered to the hospital is the result of the efforts of other organizations. Represented on our board are the Red Cross, the American Legion Auxiliary, the V.F.W. Auxiliary and the Federation of Women's Clubs. The results of this effort plus those of Girl Scouts, church groups and other service groups are incorporated in this report.

Nine Twigs have been incorporated within the Greystone Park Association, increasing membership to nearly 400.

The Supply Room committee has distributed over 20,000 articles of clothing, records, party prizes, playing cards and puzzles, cosmetics and cigarettes, in addition to materials for occupational therapy and substantial contributions to the hospital's Good Grooming program. The Production committee turned over to the nursing department 188 curtains, 580 bed jackets, 1,000 pairs of soft-soled slippers, 127 johnny shirts and 400 washcloths. Once again, nearly 4 tons of nylons were collected and sold, the proceeds being used to purchase eight television sets and to contribute to their upkeep. In addition, there were each month an average of at least 1,000 magazines, books and puzzles donated to the hospital library.

At Christmas, some 5,600 plastic bags filled with toilet articles were distributed, an equal number of gifts and over 300 cartons of cigarettes were donated for Christmas parties. The American Legion purchased a

canteen card for each veteran patient. A substantial contribution went to the hospital's Christmas fund.

Many hours of service were contributed at the hospital by women from five counties, to the hospital's wrapping program, to packing plastic bags, and to checking and wrapping the Association gifts. Many community groups cooperated with our members, with Red Cross groups heading the list. Many more hours were contributed in the community, making Christmas gifts, decorations and candy-filled favors. Throughout the year thousands of place-mats and favors were supplied for other major holidays as well.

During the year a total of 40 parties for the patients and six teas for affiliate nurses were given by outside organizations. Red Cross and V.F.W Auxiliary parties were held on regular schedules.

Other contributions to the hospital program have included 7 fine new record players, new records, 6 ping-pong tables, 100 pairs of sneakers for gym classes, a heated bassinet, gardening supplies, new games and ironing boards for ward use, a library file, globes, clocks, a library cart and several magazine subscriptions for the library. Donations of lumber and the purchase of a stove and refrigerator launched the Model Kitchen project in the Women's Industrial Building, and a Model Kitchen fund was set up to be used as progress warranted. A fund for card tables has been started by the Federation of Women's Clubs. From previous balances, substantial contributions were made toward the new baseball bleachers and to the Chapel fund. A generous gift from one of our members was used to refurnish the two admission rooms in the Reception Building. A small amount was contributed monthly to purchase cigarettes, and cigarettes were contributed by veterans organizations.

The expansion of in-service volunteer service has proceeded slowly. At the end of the year 26 active volunteers from four counties were enrolled. Hours contributed totaled 3,305, mainly to the occupational therapy and library departments. Twelve volunteers spent an additional 700 hours in a 60-hour accredited occupational therapy training course and were awarded certificates upon completion.

Special services rendered by other volunteers included typing for special projects, visits to Family Care patients, furnishing transportation upon request and an English class conducted for the benefit of doctors from other countries who were anxious to improve their English diction.

Pharmacy

The pharmacy continued under the direction of John V. Callery, R.P., who, in addition to supervising the filling of prescriptions, is responsible for the ordering of all drugs, nursing supplies, medical instruments and equipment necessary in conducting the hospital, and the maintenance of records and reports. A total of 5,429 units were prepared in the Fenwal sterile solution division. A marked increase in the use of tranquilizing drugs has been noted. Mr. Callery reports that tranquilizing drugs, valued at \$100,000, have been dispensed. The pharmacy has continued to manufacture many medical preparations in various forms too numerous to list. A total of 48,501 individual prescriptions were filled during the year.

Physical Therapy

Wilbur T. Riker, R.P.T., has served as senior physical therapist, assisted by Augusta Radtke, R.P.T., on the women's service. A total of 5,276 treatments to men and 5,648 to women were given during the year.

Barber Shops

Mr. Hershel Tucker, head barber, has supervised the work of 11 barbers and 4 hairdressers in his department, and reported that during the past year 244,000 shaves and 24,000 haircuts were given to the men, while the women received 61,358 treatments, including haircuts, shampoos, permanent waves, fingerwaves and facials.

Identification

Leo J. Boulris, identification officer, was responsible for photographing patients on admission for identification and on discharge from the hospital for comparison, as well as fingerprinting all new patients and employees. During the year 1,590 admission photographs (766 men and 824 women) were taken, and 1,302 discharge photographs (591 men and 711 women) were processed. There were 1,293 sets of fingerprints made during the year of patients and 1,448 of 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, and the tables found at the close of this

report, made under his direction, give much valuable information concerning the changing aspects of mental illness.

The microfilming of discharge records has continued; 1,252 cases were processed during the year. The discharge records on film now number 34,320 and include the discharges of June 30, 1941.

Mental Hygiene Clinics

Miss Mildred H. Hurley continued as director of clinic social service; the position of director of the clinics remained unfilled during the year. Four clinical psychiatrists of the hospital staff lent assistance one day a week in diagnostic and treatment procedures.

A total of 146 clinic sessions were held with 154 new patients (28 adults and 126 children). There were 456 patients under treatment during the year.

Staff shortages in the mental hygiene clinics persisted throughout the year, presenting a serious handicap.

Business Department

Mr. John T. Neal, Jr., for more than ten years business manager of the hospital, is responsible for all of the operations not directly clinical in nature. His broad knowledge of business administration and his years of experience in the public utilities have enabled him to handle the department in an outstanding manner. Under his immediate supervision are the business office, food service, farm and engineering divisions, and also the fire and police departments, the laundry and linen control and the garage. His excellent summary of these operations is presented below.

Business Office

With the retirement of Robert A. Lowery, assistant business manager, on March 31, 1956 Robert Whitehead, supervising accountant, assumed the direct supervision of the business office. However, on September 15, 1956 Mr. Whitehead resigned to accept a position in a neighboring industry and for the balance of the year George Zelenak, senior accountant, supervised the activities of the business office under the general supervision of the business manager. He also greatly assisted in the preparation of the annual budget. Richard Gessner, food service supervisor, was appointed acting business manager during the absence of the business manager while he was on vacation or attending institutes,

and Mr. Gessner fulfilled all these duties in a very satisfactory manner.

During the year the duties of the treasurer were incorporated into the duties of the senior accountant, and Mr. Zelenak reports that collections for the fiscal year 1956-57 were \$3,677,457.02 as compared with \$3,598,837.04 collected in the previous fiscal year.

Institutional Adjuster

George R. Bonscher continued to perform the duties of institutional adjuster in a very satisfactory manner.

This office reported \$238,472.04 in collections, 291 cases were closed, 443 visits were made to various county adjusters; there were 145 interviews and 34 amended orders.

Personnel

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

During the fiscal year ending June 30, 1957 there were 1,392 persons hired while 1,302 terminated their services, and as of June 30th the total number of employees was 1,824, giving a 71.3 per cent turnover of personnel. To obtain these new employees 5,775 recruitment transactions were required, of which 4,187 were personal interviews and the balance were letters and phone calls. For full-time attendants and charge attendants, 707 employees were hired while 824 terminated their services, giving us a 116.5 per cent turnover. Food service indicates 146 employee enrollment with 117 terminating service or 80.1 per cent turnover.

During the year the personnel department formulated, completed and distributed an employee orientation handbook. These booklets were distributed to all employees and to new employees as they were hired.

In the spring of 1956 the responsibility for employee pension, life insurance and retirement was given to the personnel department.

Police

Our police department consists of 19 institutional officers directed by a sergeant of the New Jersey State Police. Sgt. John R. Miller, chief security officer, retired as of July 31, 1956. The department was under the direct supervision of Sgt. John J. Maliff from August 1 to

June 20, 1957 when he was transferred to another branch of the State Police and replaced by Sgt. Philip P. O'Reilly. Sgt. O'Reilly has presented a complete report of the duties of the officers which include security patrols, garage detail from 7 p. m. to 7 a. m., desk duty, police radio patrol on a 24-hour basis, and control of vehicular and pedestrian traffic on regular and visiting days.

Our civil defense department continued to function at police headquarters. On July 20, 1956 and again on April 29, 1957 the entire hospital took a very active part in the civil defense test operations. The auxiliary defense police department was organized and trained during the past year.

The facts and figures prove that crime on the hospital grounds is at a minimum. Many investigations have been made on cooperative basis with the U. S. Post Office Department, U. S. Immigration Service, F. B. I., federal and state civil service and other law enforcement agencies.

Traffic has increased but it has not created problems. Minor changes have been made to facilitate the movement of traffic and to improve our parking situation.

During the year 131 patients were reported as missing and officers of this department returned 94 of these patients.

Fire Prevention

The fire department continued under the direct supervision of Chief Charles H. Acker, assisted by two assistant institutional fire chiefs, Frank Y. Neer and E. John Eick (one vacancy as of June 18, 1957, when Mr. Eick resigned), and three truck drivers, Paul E. Horning, Robert K. Wright and Thomas A. Reardon. In addition, 48 employees serve at their pleasure and constitute a volunteer brigade.

Our motorized equipment consists of one 750-gallon-per-minute, triple-combination pumping engine; one 500-gallon-per-minute, triple-combination pumping engine; one 85-foot aerial ladder truck; and a one-half ton pick-up truck.

Routine fire department inspections were resumed in November 1956. During the month of April, 1957, a manual for fire prevention was prepared. Semi-monthly drills have continued for paid and volunteer firemen on hospital time, and special drills were conducted frequently after hours with neighboring fire departments participating.

During the year a grand total of 79 calls were received; 69 fire calls, 2 sprinkler system, 8 special calls (oxygen therapy or rescue), and 3 false alarms.

Garage

William Walton supervised our 58 units, cars, trucks, buses and ambulances, in the main garage; 56,588 gallons of gasoline were used in 3,113,764 miles of travel. Some child welfare and probation cars were also serviced. Tractors, farm trucks and heavy equipment are serviced in the greenhouse garage.

Laundry

The laundry department continued under the supervision of Floyd Evans. As of January 1, 1957 laundry processed was weighed instead of counted by number of pieces as previous to this time. The number of pieces processed until January 1, 1957 was 3,947,987. Since January 1, 1957 the laundry processed has been 281,734 pounds.

During the past year 5 washers were installed with self-closing valves. One set of containers for 60-inch extractors installed has proven very satisfactory. Scales were installed in the T. B. sorting room and regular sorting room to weigh laundry. Sprinkler system was installed in the laundry to further reduce the fire hazard.

There has been a continued shortage of employees.

Building Maintenance

Graham Tunis has continued to supervise the general maintenance and housekeeping control together with general supervision of the mattress, bed, repair and tailor shops.

Mrs. Ellen Johnson continued as head housekeeper and supervised the general housekeeping throughout the employees' residence areas.

The central linen rooms remained under the supervision of Mrs. Gertrude Carr and linen supplies are handled in an efficient manner.

William T. Barry, foreman upholsterer, continued as supervisor of the upholstery shop and, in addition to the manufacture and repair of mattresses and pillows, took care of all the upholstering, rug work and miscellaneous floor-covering jobs throughout the institution.

Frank Di Primo, head tailor, continued to supervise the tailor shop.

Food Service

The food service department continued under the supervision of Richard R. Gessner, food service supervisor. Departmental personnel included John W. Evans, assistant food service supervisor in charge of kitchen operations; Alvin Washington, assistant food service supervisor in charge of dining room operations, Mrs. Jean A. Epstein, senior dietitian who served as administrative dietitian assisted by dietitian Miss Georgianna Godwin. Miss Rosa Hobbs, dietitian, supervised the activities of the Clinic Building diet kitchen. Head cooks continued in charge of kitchens as follows: Carl F. Neuman, Main Building kitchen; Harry Pengilly, Dormitory Building kitchen; William F. Taylor, Employees Cafeteria kitchen; Laura Stull, Clinic Building diet kitchen; Josephine Bond, nurses kitchen.

The new Tuberculosis Building kitchen was opened on June 21, 1957. Harry Warner was appointed head cook in charge. This kitchen will provide a tremendous improvement in feeding our tuberculous patients as a closer relationship can be provided between the medical, nursing and food service staffs having kitchen facilities in the TB building.

The butcher shop continued under the direction of William Bosert, head butcher, and the following meats were processed: 745,843 pounds from outside vendors; 46,466 pounds Federal Surplus donations; 200,331 pounds hospital-produced pork, beef and chicken; 992,640 pounds total.

The bakery continued under the supervision of Otto Schumacher, head baker; 528,870 two-pound loaves of bread were produced and, in addition, pies, cakes, cookies, buns and rolls.

The Clinic Building special diet kitchen served an average of 137 special diets daily to the patients in the Clinic and Reception buildings.

Sanitation

Our sanitarian, Milton R. Vreeland, worked in close relationship with the food service department, making routine inspections of food service areas and coordinating the destaining of plastic dishes and other utensils. This department was also responsible for the sanitary conditions 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 \$19,844.68, as compared with \$14,219.20 last year.

Hugh McLellan, head dairyman, reports a herd census of 371 animals. During the year 1,101,620 quarts of milk were produced which, with other produce, had a total value of \$145,835.10 as compared with \$122,212.06 last year.

Our piggery, under Howard Hoffman, produced 125,749 pounds of pork and the total value of products was \$38,407.20 as compared with \$34,488.90 last year. Piggery census is 512 animals.

Our poultry plant continued under the supervision of Alfred Garretson. Products were valued at \$19,951.31 as compared with \$21,786.90 last year. Included in this are 42,929 dozen eggs and 11,587 pounds of fowl. Hennery census stands at 4,152.

The grand total of produce from dairy, farm, piggery and poultry was \$224,038.29 as compared with \$192,707.06 last year.

The greenhouse and grounds department remained under the direct supervision of Britton Koch, who has charge of maintaining and landscaping our institution grounds and also the greenhouse, concrete block plant, saw mill, greenhouse garage and railroad repair department.

The sawmill produced 13,430 board feet of oak and 992 board feet of whitewood, total value \$2,864.56 as compared with \$5,038.46 last year.

There was no production at our cinder block plant during the year; 3,687 blocks valued at \$737.40 were used for various projects; at present there are 22,101 blocks available for institution use.

Gus Salvesen, in charge of all trucking and hauling projects, reports our long-distance hauling trucks made 408 trips, total mileage 35,691. During the year, 10,646 cubic yards of ashes were donated to road departments of adjacent towns; 4,762 cubic yards of ashes and 152 of carbon were used by our institution. Matthew Casey continues the conditioning of our railroad tracks and Michael Darby is responsible for the unloading of coal for use in the power plant.

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

Storehouse

Lloyd Henion continues 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; assisted by Edward Wengland, assistant engineer-in-charge of maintenance; and Charles Corbishley, assistant engineer-in-charge of utilities.

During the year the power plant consumed 25,158 tons of coal and 884,005 gallons of fuel oil to produce all the steam necessary for heating and to generate 2,263,416 k.w.h. of electricity. In addition, we purchased 3,291,600 k.w.h. from the Jersey Central Power and Light Company.

Statistics for our water station are as follows: Total consumption of 418,920,000 gallons, as compared with 430,227,000 gallons last year; a total of 212,719,000 gallons was actually pumped, as compared with 191,357,500 gallons last year. We purchased 1,644,000 gallons of water from the Town of Morristown during the year.

Our sewage disposal plant, under the direct supervision of James Long, handled 372,449,000 gallons of flow, as compared to last year's figure of 375,706,000.

Service Unit

Vincent VanInwegen continued as manager of the service unit during the year. Total sales for the unit were \$258,876.21, as compared with \$216,754.04 last year.

We include here the commission on automatic vending machines, \$1,636.35 for the duct store and \$904.64 for the hospital at large, total \$2,540.99.

Construction

Construction was under the supervision of Christian Lanner until June 7, 1957, when he resigned and Stanley F. Burgess was appointed. William Brook continued as resident inspector.

Dormitory Building North Fireproofing: Contracts were awarded on August 23, 1957 and this project started in September. It is scheduled for completion during January, 1958.

Heating Veterans Housing Units: This project was completed during the year.

Deep Well Pump: A. C. Schultes Company was awarded a contract to drill a test well. Results at the rear of the Melvin residence were unsatisfactory and a test well is now being drilled at our Morris Plains well field. Results from this will be forthcoming.

TB Kitchen: This kitchen was turned over to the hospital for active use in June, 1957.

Working Patients Building: Work on this building continued during the year and was practically completed by June, 1957. Patients are expected to occupy this building during October, 1957.

Replacement Piping Reception Building: Repiping on the women's side was completed in January and work on the men's side is proceeding satisfactorily.

Steam Generating Units (2), Demolition and Reconstruction, Replacement No. 5 Boiler: This project was started on April 1st and is scheduled for completion in the Fall.

Recommendations

The following are the capital budget items requested in our 1958-59 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 top priority on an affiliate nurses building to not only house our affiliate nurses but also provide proper classrooms, demonstration rooms, assembly and recreation areas. The construction of this building would also release 73 rooms, which would increase our employee housing capacity, a desperate need.

2. Eight Staff Cottages: \$160,000.

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

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

We are again requesting consideration of a garden-type apartment building to replace present veterans housing units and to provide needed housing for married couples and family units. These apartments would consist of two, three and five rooms with housekeeping facilities. A building of this type would greatly assist us in obtaining good long-term employees and help reduce the excessive turnover which we now experience.

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

We are again requesting consideration of an admission building as our present unit houses double its rated capacity, which adversely affects the treatment and care of all newly admitted patients.

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

We have recently occupied both the north and south side renovated Dormitory Building patient areas. The center area creates a very dangerous fire hazard, not only to the employees living and working in the area but is a serious hazard to the lives and well-being of all the patients occupying the renovated areas.

6. Main Building Renovation, Tier 1 and Center: \$700,000.

We still need renovation of the front center and tier 1, main building south. The rest of the main building has been made fire resistant but the remaining areas are a serious fire and life hazard.

7. New Steam and Electric Generating Plant: \$2,000,000.

Our present steam and electric generating plant is extremely inefficient and antiquated. Replacement should be considered immediately. Our two new oil burning boilers can be tied into a new system with a minimum of expense.

8. Extension to Employees Cafeteria: \$275,000.

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. While greater efficiency would result, we believe food would also be better prepared and served in a single unit.

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 both our patients and our employees. We recommend the construction of a recreation building to house 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. Extension to Main Building North and South Dining Rooms: \$500,000.

We believe extensions to main building between our section areas would provide dining facilities to these areas which house our most disturbed patients, who lack dining room facilities at present and must eat all their meals in their wards.

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

We are recommending \$3,000,000 be appropriated in renovating and modernizing 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.

12. 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.

13. Improvements to Dairy, Laundry, Storehouse and Shops: \$965,000.

We believe serious consideration should be given to improving and modernizing our dairy, laundry, storehouse, kitchens and shops, and to this end we have requested an appropriation of \$965,000, which should allow us to greatly improve operations of these departments.

The total of these thirteen requested items is \$15,000,000 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

Twelve employees retired during the year:

Philip B. Roberts, Ph. G., pharmacist-in-charge, employed May 15, 1923, retired July 13, 1956.

William S. Voorhies, M.D., senior resident physician,*employed August 1, 1936, retired August 31, 1956.

Merle Emley, senior industrial assistant, employed August 28, 1945, retired September 30, 1956.

John C. Dowdall, senior clerk stenographer, employed June 13, 1930, retired October 15, 1956.

George W. Swartz, employed January 10, 1946, retired October 16, 1956.

John McLane, building maintenance worker, employed August 7, 1941, retired October 22, 1956.

Thomas Fyfe, senior occupational therapist, employed October 27, 1914, retired November 1, 1956.

Clarence Rogers, foreman carpenter, employed January 3, 1921, retired January 29, 1957.

Frank Diehl, senior food service worker, employed June 4, 1948, retired February 25, 1957.

Louis Bangert, Ph. G., pharmacist, employed March 30, 1925, retired March 22, 1957.

Paul Bangiola, farmer, employed March 24, 1927, retired March 26, 1957.

Michael Lane, senior building maintenance worker, employed December 30, 1932, retired June 28, 1957.

Four employees died during the year:

John H. Lowe, electrician, employed May 26, 1952, died August 18, 1956.

Walter Smith, institutional laborer, employed July 20, 1936, died February 12, 1957.

Joseph W. Pompeo, building maintenance worker, employed August 14, 1952, died February 26, 1957.

Clarence E. Campbell, building maintenance worker, employed March 5, 1957, died March 15, 1957.

Acknowledgements

We acknowledge the genuine interest in the operation of our hospital and the care and treatment of the mentally ill as shown by the many visits made by individuals and groups during the past year. The thoughtful and useful gifts received from the many friends of the hospital have been acknowledged by personal letter and in the columns of our monthly magazine, *The Psychogram*. The Greystone Park Association has also received donations from generous individuals, acknowledged by the Association.

Conclusion

I am happy to note the gradual decrease in our resident patient population. With the contemplated opening of the Frank Dale Abell Building we will have our first new building for patients in many years. We will soon be able to occupy both the men's and women's sides of the Dormitory Building and then utilize the Shop Building for the purpose for which it was constructed. It has served us well for several years in housing various groups of patients while the Dormitory Building reconstruction was being accomplished.

The use of the tranquilizing drugs is being continued, with as many patients receiving this therapy as is warranted by individual indication. The excellent oversight of our medical staff furnished by Dr. Collins and his assistants has maintained our treatment program on a high level. We are grateful to all those, physicians, nurses and aides, who have worked so diligently in the care of patients. I am most appreciative of the close cooperation with which Mr. Neal, the business manager, has worked with me. For the continued support and wise counsel and guidance of the Board of Managers I wish to record my deep appreciation and to express my thanks to the members individually and collectively.

Respectfully submitted,

Orville Ransell

Medical Superintendent and
Chief Executive Officer

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time			
	M.	W.	M.	W.
Grand Total.....	910	821	59	34
MEDICAL ADMINISTRATION—Total.....	476	643	59	34
1. Superintendent and Chief Executive Officer.....	1			
2. Assistant Superintendent and Chief Executive Officer... 1	1			
3. Clinical Director.....	1			
4. Assistant Clinical Directors.....	3			
5. Other Physicians—Total.....	30	6	6	
a. Ward duty—direct care of in-patients.....	24			
b. Specialists (cardiologists, roentgenologists, etc.).....	4		6	
c. Pathologists.....	1			
d. Internes.....	1			
6. Dentists.....	2			
7. Dental Internes.....				
8. Pharmacists.....	3			
9. Graduate Nurses—Total.....	3	71		24
a. Supervisory or administrative duty.....	1	33		
b. Ward duty—direct care of in-patients.....	2	36		
c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.).....		2		
10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 79 affiliate nurses).....	381	457		
a. Ward duty.....	381	457	53	10
b. Special duty.....				
11. Occupational Therapists and Assistants.....	12	25		
a. Professional.....	6	13		
b. Occupational Therapy Aides.....	6	12		
12. Physical education directors and teachers.....	4	7		
13. Medical Clerks.....	5	49		
14. Other Employees.....	25	25		
15. Hospital Social Service - Parole Division - Total.....	5	3		
a. Director.....	1			
b. Social Workers.....	4	3		

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time	
	M.	W. M. W.
BUSINESS ADMINISTRATION—Total.....	432	166
16. Business Manager.....	1	
17. Assistant Business Manager.....		
18. Clerical Employees including Stenographers and Bookkeepers.....	12	20
19. Dietitian.....		3
20. Housekeeping Employees.....	31	23
21. Farm Employees.....	76	
22. Other Employees.....	312	120
MENTAL HYGIENE CLINIC—Total.....	2	12
a. Physicians.....		
1. Director.....		
2. Assistant Director.....		
b. Director Clinic Social Workers.....		1
c. Psychologist.....	1	1
d. Social Workers.....	1	3
e. Clerical Employees.....		7

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDED JUNE 30, 1957

RECEIPTS	
1. Balance on hand from previous fiscal year.....	\$ 6,759.09
2. Received from appropriations.....	7,935,664.27
3. Received from paying patients.....	
(a) Devoted to hospital use.....	
(b) Paid into State general fund.....	\$3,677,457.02 3,677,457.02
4. Received from other government sources.....	
(a) Federal.....	
(b) State.....	
(c) County (paid into State general fund)	
(d) City.....	
5. Received from all other sources.....	3,210.33
(a) Devoted to hospital use (Fire loss) ..	
(b) Paid into the State general fund.....	3,210.33
6. TOTAL receipts (Sum of Items 1, 2, 3, 4 and 5)	\$11,623,090.71

DISBURSEMENTS	
Expenditures for maintenance:	
7. Salaries and wages.....	\$5,441,127.61
8. Provisions (food).....	784,373.00
9. Fuel, light and water.....	423,970.62
10. All other expenditures for maintenance.....	1,027,777.01
11. TOTAL expenditures for maintenance (Sum of items 7, 8, 9 and 10)	\$ 7,677,248.24
12. Expenditures for improvements, excluding new buildings, additions, permanent betterments, etc.....	155,756.46
13. Expenditures for other purposes (specify) (services other than personal).....	76,500.05
14. TOTAL expenditures (Sum of items 11, 12 and 13) ...	\$ 7,909,504.75
15. Amount returned to State Treasurer or other officials.....	3,703,615.54
16. Balance on hand at close of year available. Include balance for maintenance and for all other purposes	9,970.42
17. TOTAL disbursements (Sum of items 14, 15, and 16; also equal to item 6).....	\$11,623,090.71
18. Estimated value of consumed food raised on hospital farm ...	\$ 205,348.48
19. Do amounts reported above (items 8 and 18) include meals fed to staff and their families and other employees?.. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
(a) If so, how many individual meals were fed to staff, etc., during year?.....	
(b) If so, how many individual meals were fed to patients during year?.....	

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Patients on books first day of year—Total.....	6708	3018	3690
Resident.....	5702	2619	3083
In family care.....	21	8	13
On convalescent leave.....	850	335	515
On brief or temporary visit.....	119	41	78
Missing.....	16	15	1
Admissions during year—Total.....	1589	788	801
First admissions.....	1123	588	535
Readmissions.....	432	182	250
Transfers from other hospitals for mental diseases.....	34	18	16
Total on books during year.....	8297	3806	4491
Discharged during year.....	1199	512	687
As recovered.....	499	234	265
As improved.....	688	271	417
As unimproved.....	2	1	1
As without mental disorder.....	10	6	4
Discharged directly from hospital.....	538	248	290
Discharged while on convalescent leave or otherwise absent (excluding deaths)	650	259	391
Deaths on convalescent leave or other- wise absent from hospital.....	11	5	6
Transferred to other hospitals for mental diseases.....	75	63	12
Died.....	506	247	259
Total removed from books during year.....	1780	822	958
Patients on books last day of year.....	6517	2984	3533
Resident.....	5375	2507	2868
In family care.....	45	12	33
On convalescent leave.....	976	405	571
On brief or temporary visit.....	100	43	57
Missing.....	21	17	4
Average daily resident population.....	5610.73	2580.23	3030.5
Average daily population on books.....	6600	2981	3619
Total placements on absent status.....	6170	2479	3691
Total returns from absent status.....	5397	2141	3256

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.....	2		2
Admitted for special care.....	44		44
Discharged from special care.....	33		33
Transferred to regular mental population...			
Died while receiving special care.....	1		1
Receiving special care last day of year.....	12		12
	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year.....			
Babies born during year.....	3	1	2
Babies discharged during year.....	3	1	2
Babies died during year.....			
Babies in hospital last day of year.....			

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

[illegible]

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

[illegible]

COLOR OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO SELECTED MENTAL DISORDERS

MENTAL DISORDERS	TOTAL			WHITE			NON-WHITE		
	T	M	F	T	M	F	T	M	F
TOTAL	1123	588	535	1005	516	489	118	72	46
Acute Brain Syndromes, total.....	2	1	1	2	1	1			
Alcoholic intoxication	2	1	1	2	1	1			
All other conditions.....	513	286	227	457	245	212	56	41	15
Chronic Brain Syndromes, total.....	3	3		2	2		1	1	
CNS syphilis	341	153	188	324	145	179	17	8	9
CAS and senile brain disease	140	120	20	107	90	17	33	30	3
Alcoholic intoxication.....	29	10	19	24	8	16	5	2	3
All other conditions.....	497	226	271	449	208	241	48	18	30
Psychotic Disorders, total.....	78	18	60	75	18	57	3		3
Involuntary psychotic reactions.....	59	19	40	55	18	37	4	1	3
Manic-depressive reactions.....	177	82	95	156	76	80	21	6	15
Schizophrenic reactions.....	183	107	76	163	96	67	20	11	9
All other conditions.....	32	16	16	32	16	16			
Psychoneurotic Reactions.....	42	35	7	32	26	6	10	9	1
Personality Disorders.....									
Transient Situational Personality Disturb.....	37	24	13	33	20	13	4	4	
Mental Deficiency, with Psychosis.....									
Without Mental Disorder.....									
Mental Disorder, Undiagnosed Psychosis.....									

**DISCHARGES BY MENTAL DISORDER, SEX AND CONDITION
CONDITION ON DISCHARGE**

MENTAL DISORDERS	Total	Total Discharges		Recovered		Improved		Unimproved		Unclassified	
		M	W	M	W	M	W	M	W	M	W
TOTAL	1199	512	687	234	265	271	417	1	1	6	4
Acute Brain Syndromes.											
Alcoholic intoxication											
All other conditions..											
Chronic Br. Syndromes.	225	147	79	129	61	17	16			1	1
Meningo & other CNS	10	7	3	3	3	4					
CAS & Senile Br. Dis.	69	27	42	23	31	4	11				
Alcoholic intoxication	115	94	21	88	16	5	4			1	1
All other conditions..	31	19	12	15	11	4	1				
Psychotic Disorders	815	295	520	75	163	219	356			1	1
Involuntary	109	22	87	15	67	7	20				
Manic Depressive	106	28	78	17	57	11	20			1	
Schizophrenic	452	166	286	8	10	158	276				
All other conditions ..	148	79	69	35	29	43	40			1	
Psychophysiologic Auto- nomic & Visc. Dis.											
Psychoneurotic Reactions	59	23	36	7	6	16	30				
Personality Disorders...	62	38	24	18	12	15	10			4	2
Transient Situational Personality Dis....	1		1				1				
Mental Deficiency with Psychosis	37	9	28	5	23	4	4				1

COMMITTED AND VOLUNTARY ADMISSIONS BY SELECTED
MENTAL DISORDER

MENTAL DISORDERS	FIRST ADMISSIONS			READMISSIONS		
	Total	Committed	Voluntary	Total	Committed	Voluntary
TOTAL	1123	954	169	432	279	153
Acute Brain Syndromes, total.....	2	2				
Alcoholic intoxication.....						
All other conditions.....	2	2				
Chronic Brain Syndromes, total....	513	456	57	93	56	37
CNS syphilis	3	2	1	4	2	2
CAS and senile brain disease....	341	328	13	32	23	9
Alcoholic intoxication	140	100	40	38	17	21
All other conditions.....	29	26	3	19	14	5
Psychotic Disorders, total.....	497	413	84	275	192	83
Involutional psychotic reactions	78	54	24	41	21	20
Manic-depressive reactions	59	48	11	48	32	16
Schizophrenic reactions.....	177	162	15	143	106	37
All other conditions.....	183	149	34	43	33	10
Psychoneurotic Reactions.....	32	17	15	22	5	17
Personality Disorders.....	42	30	12	24	11	13
Transient Situational Personality Disturbances.....				1	1	
Mental Deficiency, with Psychosis....	37	36	1	17	14	3
Without Mental Disorder.....						
Mental Disorder, Undiagnosed Psychosis						

AGE OF PATIENTS AT TIME OF DEATH

	TOTAL	MEN	WOMEN
Total	506	247	259
Under 15 years			
15—19 years.....			
20—24 years	1		1
25—29 years	1		1
30—34 years			
35—39 years	7	4	3
40—44 years	7	3	4
45—49 years	17	9	8
50—54 years	24	9	15
55—59 years	32	15	17
60—64 years	51	31	20
65—69 years	48	26	22
70—74 years	79	39	40
75—79 years	100	48	52
80—84 years	62	32	30
85 years and over.....	77	31	46

AGE OF RESIDENT POPULATION

	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & Over	
Men	2550	6	23	58	106	165	182	263	258	316	282	213	225	215	119	79	40	
Women	2937	1	15	31	75	136	218	265	287	293	317	324	293	245	216	129	92	
Total	5487	7	38	89	181	301	400	528	545	609	599	537	518	460	335	208	132	

