

ANNUAL REPORT
of the

Managers and Officers of the New Jersey State
Hospital at Greystone Park.

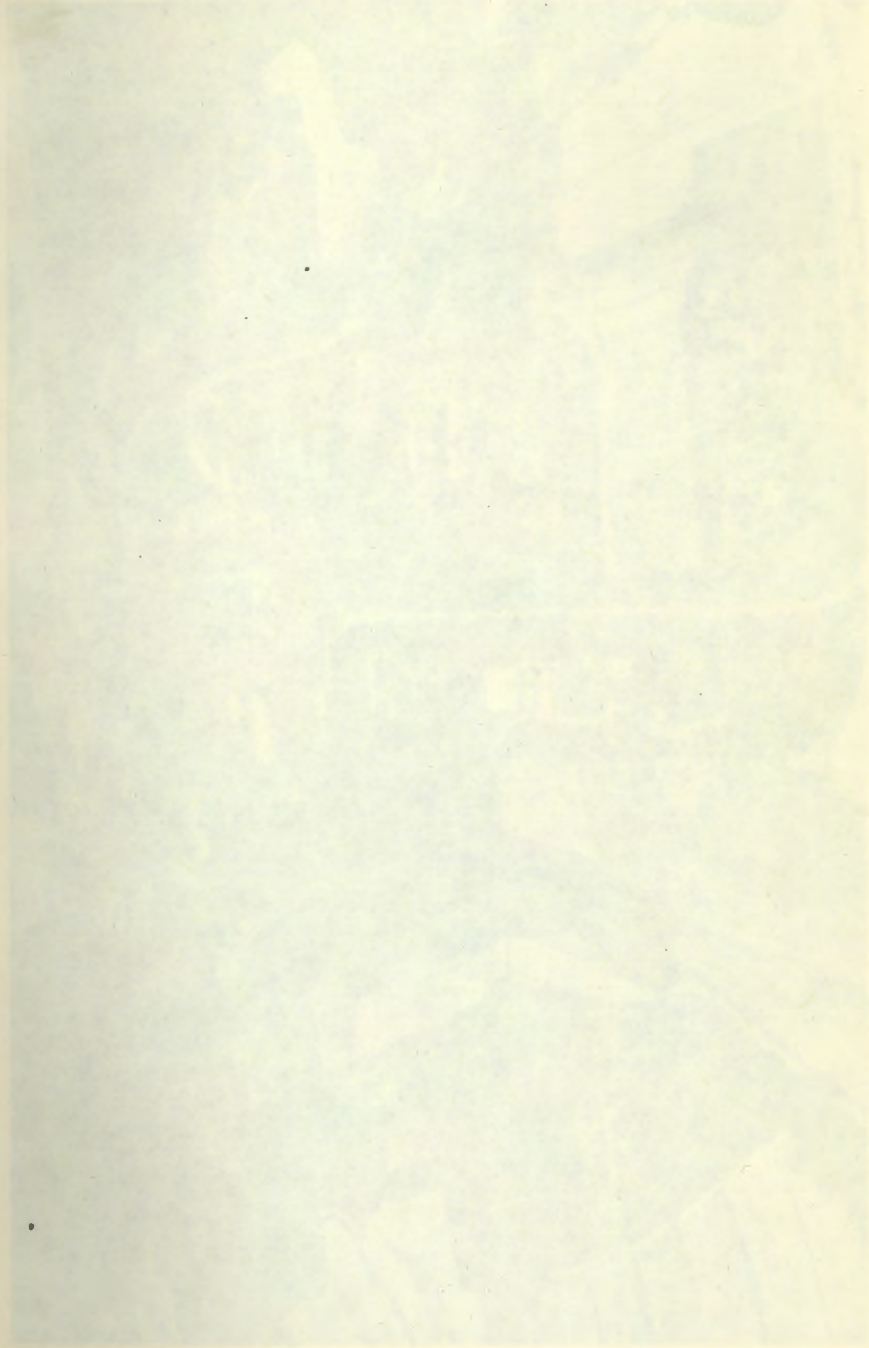
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Annual Report
OF THE
Managers and Officers
OF THE
New Jersey State Hospital
At Greystone Park



APRIL 1908 - 1000' WEST NORTH OF JEFFERSON PARK



AERIAL VIEW - NEW JERSEY STATE HOSPITAL AT GREYSTONE PARK

THE
EIGHTY-FIRST ANNUAL REPORT
OF THE
MANAGERS AND OFFICERS
OF THE
NEW JERSEY STATE HOSPITAL
AT
GREYSTONE PARK
FOR THE YEAR ENDED JUNE 30TH
1958

BOARD OF CONSULTANTS

THE
EIGHTY-FIRST ANNUAL REPORT

OF THE
MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE HOSPITAL

111

AT
GREYSTONE PARK

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FOR THE YEAR ENDED JUNE 30TH

1956

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This Hospital is approved by the
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 FATHER JOHN J. WHITE Resident Catholic Chaplain
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 WILLIAM G. BEUCLER... (Retired) Building Service Supervisor
 GRAHAM B. TUNIS Acting Building Service Supervisor
 JAMES B. STUART Farm Supervisor
 RICHARD GESSNER Food Service Supervisor
 JOHN R. MILLER, Sgt., N.J.S.P. Chief Security Officer
 CHARLES H. ACKER Fire Chief

Northern New Jersey Mental Hygiene Clinics

AGNES P. MCGAVIN, M.D. (Deceased) Director
 MILDRED H. HURLEY Director of Social Service

*Resigned

†Leave of Absence

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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-first report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1956.

The year 1955-1956 has again demonstrated to this Board of Managers that close relationship of department heads and administrative personnel with the Medical Superintendent and Chief Executive Officer has been responsible, to a great extent, for the manner in which this hospital has functioned and the results obtained through the fine care and treatment given the patients. Cooperation includes designing a good program and passing it on to those responsible for the operation of the hospital. To be effective, the program must be thoroughly understood by the Board of Managers, the management of the hospital and those responsible for actually carrying out the program. The lower levels of management are often faced with problems which to them seem unsurmountable and members of this Board, with the full knowledge of the Medical Superintendent and Chief Executive Officer, have visited the various wards and buildings, special departments and industries to determine their specific needs and the Board has extended invitations to various personnel to have luncheon with them and discuss their particular department. These meetings or conferences have a helpful effect on the attitude of the department head in making decisions for the benefit of the hospital. Participation by the employee in making decisions will very often improve the decision and enhance its effectiveness.

We know that you, Commissioner Tramburg, have done your best with the reconstruction program and to relieve our problem of overcrowding. The transfer of patients to Ancora and, other hospitals has given us welcome relief from overcrowding. The opening of the Working Patients Building in the fall of 1956 and the completion of reconstruction of the Dormitory Building, probably sometime in 1957, will permit better and more adequate housing for the patients and also allow the management of the hospital to properly classify the patients for more intensive and individual therapy. The re-appointment of state mental hospitals' service areas as of October 1, 1955, in which Hudson County and

the eastern portion of Essex County were assigned to Trenton, has reduced our admissions, particularly of the elderly and the transient patient from the Martland Medical Center.

On July 1, 1955, there were 7,660 patients on the records of the hospital. On June 30, 1956, there were on the books 6,710 patients, a decrease of 950 patients, 598 men and 352 women. There were 5,844 patients resident in the hospital, including 119 on brief visit; 985 were out of the hospital on convalescent leave, brief or temporary visit, or missing. During the year there were admitted 1,732 patients, of which 1,223 were first admissions. The discharges numbered 1,563. Of those regularly discharged, 693 were recovered, 855 improved, 2 unimproved and 13 without mental disorder. The deaths numbered 594, and the total under care was 9,390 patients. The total number transferred to other institutions was 503.

Eleven regular meetings of the Board were held during the year with an attendance of 56; conferences, committee meetings and visits numbered 139, which made 195 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, Mrs. Johnson and Dr. Reiter were absent only once. Mr. Moseley and Mr. Polow attended 9 regular meetings. Mr. Evans attended 8 regular meetings but illness prevented his attendance during March, April and May. Mrs. Lipman was not present during the year.

The Committee on Annual Report has received and reviewed the annual report submitted by Dr. Crandell and concurs in his comments and recommendations.

We end the fiscal year with the belief that you and your entire staff have been responsive to the needs of this hospital and we express our heartfelt thanks. We also express to Dr. Crandell, his entire staff and personnel, our deep appreciation for the faithful service rendered the hospital during the past fiscal year.

Respectfully submitted,

FRANK D. ABELL, *President*
FREDERICK S. MOSELEY, JR., *Vice-President*
RUTH STILES JOHNSON
SCRIVEN S. EVANS, JR.
WALTER A. REITER, M. D.
BERTRAM POLOW

Treasurer's Report of Cash Receipts and Disbursements for the Fiscal Year Ended June 30, 1956

RECEIPTS

From:

Bergen County	710,288.67
Burlington County	2,154.04
Camden County	1,503.25
Cape May County	578.81
Cumberland County	1,374.62
Essex County	897,476.09
Gloucester County	687.31
Hudson County	249,554.34
Hunterdon County	1,403.11
Mercer County	238.81
Middlesex County	19,748.83
Monmouth County	12,274.31
Morris County	250,873.54
Ocean County	3,790.23
Passaic County	717,317.34
Salem County	438.48
Somerset County	5,486.03
Sussex County	49,721.66
Union County	69,969.82
Warren County	2,370.34
Non-Indigent Patients	367,854.32
State Contributing Patients	37,258.90
Excess Maintenance Collected by Counties	92,212.74
Maintenance Recovery	85,014.34
Miscellaneous Collections	19,247.11
	<hr/>
	\$3,598,837.04

DISBURSEMENTS

Amount of Collections Deposited with State Treasurer \$3,598,837.04

Population by Counties in N. J.

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-first annual report of the New Jersey State Hospital at Greystone Park, for the fiscal year ending June 30, 1956, is respectfully submitted.

This year we have seen a reversal of the previous trend with a considerable lessening of the overcrowding in the hospital. Transfer of some patients to the new mental hospital at Ancora has been partially responsible for this; the discharge of patients who are no longer in the area served by this hospital, particularly Hudson County and eastern Essex County, has assisted in reducing the case load of patients on convalescent care; and the lower number of patients admitted due to this same redistricting of the State has assisted in our achieving the lowest population figures we have recorded for many years. With 305 less admissions than the previous year and with a moderate increase in the number of physicians on our staff, we have been able to treat promptly those patients coming to us, and this intensive treatment has assisted in returning patients more promptly to the community.

Residency training has been a combined operation with the other state hospitals and the Veterans Hospital at Lyons. This is in addition to the regular educational activities of the hospital under the supervision of the clinical director and the consultant in training and research, which is described in detail in our training bulletin. In addition to the two-year residency training program, which is approved by the Council on Medical Education and Hospitals of the American Medical Association in concurrence with the American Board of 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, 1956, there were admitted 1,732 patients (828 men and 904 women). This figure is 305 less than last year. The admissions included 1,223 first admissions (625 men and 598 women), 458 readmissions (188 men and 270 women), 31 transfers from other similar hospitals in New Jersey (15 men and 16 women) and 20 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 39 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950) and one man committed for examination, study and classification (Section 2:192-1.2, Revised Statutes of 1937). The number of patients discharged, including deaths, was 2,680 (1,426 men and 1,254 women), making a decrease of 948 patients on the books at the close of the year.

There were under treatment during the year 9,390 patients (4,444 men and 4,946 women), which was 495 less than the preceding year. The maximum census for the year was 7,670, obtained on July 1st, and the highest number actually in the hospital at any one time was 6,522 on July 1st. The average daily number in the hospital was 5,982.67. At the close of the year there were in the hospital 5,725 patients (2,627 men and 3,098 women); 969 patients (376 men and 593 women) were carried on convalescent leave, brief or temporary visit, and 16 patients (15 men and 1 woman) were carried as missing. This is a decrease of 137 patients outside the hospital and of 811 actually in the hospital at the close of the year.

Discharges: The total of those discharged was 1,563 (741 men and 822 women). Of this number 693 (347 men and 346 women) were considered to have recovered from their psychoses. This is 56.7 per cent, based on the number of first admissions, which is 22.3 per cent higher than last year. A total of 855 (382 men and 473 women) were discharged as improved, or 69.9 per cent, based on the number of first admissions, which is 22.6 per cent higher than last year. The manner of discharge of the remaining patients was as follows: 2 unimproved (1 man and 1 woman) and 13 without mental disorder (11 men and 2 women). In addition to those discharged, 503 patients (371 men and 132 women) were transferred to other similar hospitals in New Jersey; also 20 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution. The above figures include 27 men, committed under the Sex Offenders Act (Chapter 207, Laws of 1950).

Deaths: During the year 594 patients died (314 men and 280 women). This is a death rate of 6.33 per cent, based on the number under treatment, and is .67 per cent lower than last year.

The average age at death was .55 years lower than last year, being 71.2 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 fifteen years and a member of the staff of this hospital for thirty-nine years. He has continued his outstanding work of actively supervising the professional services. He has been assisted by Dr. William H. Longley, Dr. Raymond J. Harquail and Dr. Daniel G. Melvin. The report of the clinical director follows:

Clinical Director's Report

The reallocation of territory served by each of the four state hospitals in the past year seems to have accomplished a lowering of our admission rate and in-patient census that all our previous efforts and transfers to other hospitals had failed to do. Relying mainly on the transfer of approximately a thousand patients to Ancora, we had reduced our in-patient census only a few hundred. This we were grateful for but we realized that the relief was necessarily of a temporary nature be-

cause of the heavy admission rate amounting to well over two thousand per year. With the admissions in the past year reduced by the removal of Hudson County and the most populous region of Essex County from our service area, the admission rate was lowered by about 400 from what might have been expected. This and the very gratifying results obtained with the use of ataractic drugs throughout the hospital dropped the census by about 800.

The redistribution of territories served by the four hospitals which was expected last winter caused us to discharge many patients who would normally have left the hospital on convalescent leave. Thus, an analysis of the statistics of the movement of patient population contains factors which are new to us and might lend doubt to the validity of some of our conclusions. The general features shown in the statistics, however, reveal admissions to have been only 1,732, a reduction of over 300 from the previous year. There were 1,223 first admissions and 458 readmissions, the remainder being transfers from other institutions. As in former years, the men outnumbered women among first admissions, while the reverse was true of the readmissions. We held approximately to the same figures for movement of sex offender cases this year as in the preceding period with 39 admissions and 27 releases as compared to 36 and 21 respectively for last year. One case was admitted from the courts for pre-sentence study and report.

The figures for discharges this year were influenced to such a large extent by action resulting from territory redistribution as to make conclusions regarding the efficacy of treatment very speculative. The figure of 2,680 discharged compared to about 1,200 discharged usually in other years would seem to give grounds for feeling that something in the treatment program must have made itself felt, however. Redistribution alone would not be likely to cause a 120 per cent rise in discharges. We attribute much of this effect to the use of ataractic drugs. At the beginning of the year a number of the Services were using Thorazine and Reserpine in an effort to assess for themselves the glowing reports about the benefits of using these medicines. The drug companies had been very generous in the year before by supplying rather large quantities of Thorazine and Serpasil for clinical evaluation. We had about 500 patients under treatment with medicine donated by the manufacturers and, in addition, had bought several thousand dollars worth ourselves. Many families had also been bringing in a supply for

their relatives who were in our wards. With the State Legislature making a very substantial amount of money available for the specific purchase of ataractics, however, we were able to buy quantities large enough to tax the power of our nursing staff in supervising the administration of the medicine. The number of patients under this treatment has risen to 1,300 and has remained nearly constant for the past several months. Our average daily dose of Thorazine has been 300 mgms., which is lower than many other institutions report in the literature and the average duration of treatment is four to six weeks. The age of the patient and the acuteness or chronicity of his psychiatric condition will affect the dosage and duration of treatment. A system has been worked out to manage the continued administration of the drugs under the supervision of the patient's family doctor after release from the hospital when continuance is necessary. In our experience the use of ataractics has proven to be of inestimable value to the patients themselves in terms of relief of suffering, and restoration to the community in terms of human salvage and higher discharge rates, and to the hospital in terms of easier medical care and reduced destruction. Many patients who had seemed incurable have recovered and been sent home, assaultiveness and destruction have been greatly reduced, sedation and physical restraint is one-tenth of what it used to be, and the back wards are quiet and open. We are able now to concentrate on the development of the capacity for psychotherapy among the staff doctors.

Staff training has continued to occupy a prominent place in our planning. With the stimulation and help of the Department of Institutions and Agencies through their sponsoring of a centralized residency training program in affiliation with the Veterans Administration Hospital at Lyons we have been able to offer our staff a well integrated two-year program of lectures in psychiatry and neurology. Lecturers have been chosen from the regular teaching staffs of the best medical schools in Philadelphia and New York by a resident training committee made up of the directors of staff training of the four state hospitals, the state Neuro-Psychiatric Institute, and the Veterans Administration Hospital at Lyons, all coordinated and assisted by the chairmanship of Dr. Nolan D. C. Lewis. Several times during the year the meetings were attended by Commissioner Tramburg and Drs. Pleasants and Davis, who participated in the discussions and gave support where needed. 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 residents' 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 staff attendance at meetings of professional societies and at public lectures of a psychiatric nature was encouraged in accordance with established hospital policy.

As required by the American Medical Association for recognition and approval for training, the autopsy percentage was kept at 25 per cent or better. The rate was well over 30 per cent for most of the year but a low rate for May and early June brought the figure down to 25.9 per cent. In calculating this figure there were 596 deaths of whom 7 were coroner's cases. Of the 589 deaths counted then, there were 153 autopsies. A representative of the Service on which the patient died was required to be at the autopsy with the case history and other doctors attended when they were on duty unless prevented by an emergency.

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 need for guardianship. These meetings have also been attended by the affiliate nurses, psychiatric technician trainees, psychological interns and clinical pastoral trainees as part of their regular training experience in the hospital. Monday afternoon rounds were made regularly with the superintendent 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.

The psychology section under Mrs. Sylvia Eisenson functioned smoothly and helpfully until her resignation due to her moving to New York at the end of January. She conducted screening of new admissions, gave lectures to the training residents and psychiatric technician trainees, gave thorough psychological test batteries to patients whom the staff doctors referred, and conducted group therapy on one of the acute women's wards under the supervision of one of the assistant clinical directors. Dr. Zigarelli continued to make and interpret electro-encephalograms 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 423 patients for combined treatment or straight insulin treatment and supervised the administration of ambulatory electroshock to approximately 800 patients throughout the hospital. The use of the tranquilizing drugs cut maintenance electroshock way down throughout the hospital from previous years, however. Dr. Esposito also assisted Dr. Hicks in shock and group therapy on the Special Drugs ward, 17A. On this ward acute cases amenable to treatment among recent women admissions were promptly put on ataractics, started in group therapy, given electroshock temporarily if necessary, and included in a total-push program in which the occupational and recreational therapies played a prominent part, and patient self-government was instituted.

This has been a busy, stimulating and rewarding year. Staff morale is good, the personnel turnover has been low, patients have received good care and treatment, the census has been reduced significantly, and the patients reflect the results in showing an optimistic attitude and the display of considerably more energy in their own behalf. This latter is recognized both as a necessity for recovery from psychiatric ills and a good omen for the permanence of benefits obtained. We are thankful to have had a part in the activities of a good year.

Miss Mary L. Byrnes, secretary to the clinical director, who is in charge of interstate transfers, reports the movement of non-resident and deportable cases encountered during the year: To mental hospitals outside the state, 16; to mental hospitals within the state, 503; to North Jersey Training School, 20; to Vineland State School, 1; to the State Prison at Trenton, 2; and deported, 2. There were 77 cases handled and reported, who were removed by relatives, discharged or died.

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 423 patients (206 men and 217 women). Dr. Esposito has submitted a complete tabulation of the results of this therapy. There were 149 men who received a complete course of treatments and of this number 126 (84.5 per cent) left the hospital, 14 (9.5 per cent) are in the hospital in an improved condition, and 9 (6 per cent) are in the hospital unimproved by the therapy. There were 160 women who received complete courses of treatment and of

this number 132 (82.5 per cent) left the hospital, 20 (12.5 per cent) remained in the hospital improved, and 8 (5 per cent) showed no improvement.

As in previous years, schizophrenic patients outnumbered those with other diagnoses, and of the 309 treated, 258 left the hospital after treatment.

The results obtained during the current year are considerably better than in the previous years. One of the main reasons for the marked improvement in percentages is due to the administration of Thorazine or Serpasil or both combined to selected cases that received insulin coma therapy or combined insulin and electroshock therapy. The greater majority of schizophrenic patients, psychoneurotics, manics and other patients with agitation received Thorazine or Serpasil together with insulin with noticeable improvement. Patients that were on Thorazine or Serpasil were instructed to continue with maintenance dose after leaving the hospital.

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 10,550 exposures and administered a total of 1,832 electrotherapeutic treatments.

Dr. Oscar H. Cohen continued as consultant in x-ray therapy and performed 246 consultations and examinations. There were 15 patients who received a total of 320 roentgenotherapeutic treatments. Clinics are held on Monday of each week.

Dr. Albert Abraham, cardiac consultant, recorded 330 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 13,000 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 26 men and 20 women were admitted to the

service during the year; of these, 5 men and 5 women were received from the state hospital at Marlboro, 6 men and 3 women from other hospitals, and 15 men and 12 women were from the wards of our own hospital. There were 31 patients (12 men and 19 women) who recovered from tuberculosis, and 89 patients (38 men and 51 women) who improved. The census of the service at the close of the year showed 568 patients (294 men and 274 women); 249 of these patients were considered active and 319 patients as convalescent. Of the 46 deaths on the service during the year, only 8 were directly attributed to tuberculosis.

The results of a study made in this department have been prepared for publication by Dr. Ma and will appear 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.

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, and calls attention to the large number of pathological fractures which occurred during the year in the older group of patients, with a total of 167 fractures being reported.

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 136 anesthetics, 38 local, 61 spinal, 36 general and 1 intravenous anesthetics, as well as the use of electric shock for anesthesia in 54 cases.

Since we have no obstetrical department, we report here that during the year 4 boys and 3 girls were born alive in the hospital.

Urology and Proctology

Dr. Marshall D. Hogan has supervised urology and proctology during the year, making visits to the hospital as indicated. He reports 17 operations as well as 392 rectal examinations, 76 proctological consultations, 87 urological consultations and a total of 1,260 colonic irrigations given to 210 patients treated.

Dentistry

Dr. William J. Byatt, senior resident dentist, was briefly assisted by Dr. John Pekalski until September, when Dr. Pekalski entered private practice and was replaced by Dr. Charles Halstead; Mr. Patrick DeNapoly continued as dental technician. During the year there were 4,147 patient visits to the clinic, including 2,854 transfer and admission examinations, 1,752 treatments, 989 fillings and 375 intra-oral x-ray examinations. There were 3,784 extractions of teeth, 115 surgical removals of teeth and 8 impactions removed. The laboratory processed 285 dentures, including 150 full upper or lower, as well as repairing 259 others.

Chiropody

Frank J. Gasser, D.S.C., reports that a total of 322 women and 305 men received a total of 2,329 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 has cooperated in keeping abreast of new advances in laboratory procedures. New apparatus has been acquired, out-dated equipment replaced and new procedures were instituted for the benefit of the patients. Promising drugs for the treatment of mental illness have been evaluated, in cooperation with various departments. Necessary tests were performed on all newly-admitted patients and special examinations were made where indicated.

Urinalyses performed totaled 7,875.

Hematology included 4,873 red cell counts, 4,923 leukocyte counts and 4,715 differential counts. There were 4,896 hemoglobin determinations. Bleeding and clotting time was determined in 232 and sedimentation rate in 900 cases. Blood typing and Rh factor totaled 2,230 each, with cross-matching in 29 cases.

Blood chemistry determinations included 2,231 urea nitrogen, 4,578 blood sugar, 136 blood chlorides and other special determinations in a smaller number.

Immunological tests included 4,124 determinations of both Wassermann and Kline reactions; there were also 174 complete examinations of spinal fluid. Bacteriological tests numbered 309 smears of sputum for

tubercle bacillus as well as 224 other bacteriological determinations. There were 981 feces examinations for occult blood and 971 for ova and parasites.

Among the other examinations listed were 940 cephalin cholesterol flocculation liver function tests and 126 bromsulphalein tests. From the 153 autopsies performed, 1,241 tissue pieces were examined. The total of all tests performed during year was 56,632.

Staff Matters

Staff assignments have remained generally unchanged during the past year. Continued as assistant superintendent, Dr. Theodore Gebirtig has also given direct supervision to the mental hygiene clinics and the social service department of the hospital. Dr. Laurence M. Collins, clinical director, continued to supervise the treatment and disposition of patients, assisted by Dr. William H. Longley, assistant clinical director who has also been in charge of the resident training program and group psychotherapy as well as having given general supervision of the treatment program in the Reception and Clinic Buildings. Dr. Raymond J. Harquail, assistant clinical director, has provided general supervision of the continued treatment service in the Main Building as well as the recreational and occupational therapy; and Dr. Daniel G. Melvin, assistant clinical director, has also given supervision to the geriatric service in the Dormitory Building and the Tuberculosis Service.

In the Reception Building, Dr. Frank D. Fenimore has directed the women's admission service, and Dr. Joseph F. Zigarelli the men's service as well as the electroencephalographic work. In the Clinic Building the health services for the employees were provided under the direction of Dr. Joseph Donovan; Dr. Perry J. Gambill supervised the eye, ear, nose and throat work until he became ill; Dr. Edward Kessler was in charge of surgery as well as the medical wards; shock therapy was under the direction of Dr. Amedeo Esposito, who supervised all ambulatory shock service throughout the hospital, and the dentistry has been under the supervision of Dr. William J. Byatt. In the Main Building, Dr. Raymond J. Harquail continued the immediate supervision of the women's service until February, when Dr. Aksel Pustroem was promoted to head this service, and Dr. Gerald W. Snyder continued responsibility of the men's service. The Dormitory service, including the unit for working patients and the temporary senile unit, has been under the charge of

Dr. Helen I. Anderson. Dr. Daniel G. Melvin continued the immediate responsibility for the operation of the x-ray department and also served as consultant to the Tuberculosis service, which has been directly supervised by Dr. John Ma.

Dr. Crandell attended the annual meetings of the American College of Physicians in Los Angeles and the American Psychiatric Association in Chicago. He represented the hospital at the Northeast State Governments Conference on Mental Health in Asbury Park, and continued to actively participate in the work of many professional organizations, including the Association for Research in Nervous and Mental Disease and the New Jersey Neuropsychiatric Association of which he is a member of the Council. For the American Psychiatric Association he served as examiner on the Committee on Certification of Mental Hospital Administrators, was appointed to membership on the Rehabilitation Committee for that organization, and assisted in the selection of outstanding scientific papers for publication in the American Journal of Psychiatry. He was appointed to serve with the Special Committee on Mental Health of the Medical Society of New Jersey and was elected to membership in the National Academy of Religion and Mental Health as well as the World Federation for Mental Health. With the rank of Lieutenant Colonel in the United States Air Force Reserve, he spent two weeks in May at the Wright-Patterson Air Force Base in Ohio, where he assisted with several research projects at the Aero Medical Laboratory. He represented the hospital at the Mid-Atlantic Research Conference in Washington, D.C., at which he discussed research techniques in schizophrenia.

His articles published during the past year included one on mobility in chronic schizophrenia with special regard to psychosurgery, which appeared in the January 1956 issue of the Psychiatric Quarterly. In addition to many lectures to professional and civic groups, he participated in a televised broadcast featuring a discussion on mental health in the state. A recent honor was awarded him by the inclusion of his biography in the directory of American Men of Science.

The Sixth Annual Institute in Psychiatry and Neurology at Lyons, the Third Annual Psychiatric Institute at Princeton, and the meetings of the Morris County Medical Society and the New Jersey Neuropsychiatric Association were well attended by members of the medical staff. Drs. Longley and Esposito took a course on group therapy at the New

School for Social Research in New York. Chief of the Neuropsychiatric Service in his Army Reserve unit, Dr. Longley participated in training a neuropsychiatric staff and gave general orientation in military psychiatry to the members of the unit; in addition to many community activities, he lectured to various professional groups. Drs. Melvin and Fenimore served on the Committee on Delinquency of the New Jersey Neuropsychiatric Association.

Much progress has been made by our medical staff and I am pleased that the professional accomplishments of many of the staff members will shortly receive due recognition under the recent schedule established by the Central Office, which will provide for appropriate titles and increased salary ranges.

Still an acute problem, housing shortage for the staff will again be included in our budget requests in an effort to secure more adequate provision.

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; and 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 con-

ferences 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 designed to be 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 are accepted here for periods of from two to six months for training in neurology of women.

Appointments and Resignations

Senior Resident Physician Appointed

Alfred M. Hicks, M.D.

August 1, 1955

Resident Physician Appointed

Joannes Cap, M.D.

July 1, 1955

Elsa Wiirsalu, M.D.

September 20, 1955

Jose Delgado, M.D.

October 13, 1955

Julian Zaborowski, M.D.

October 24, 1955

Wolfram R. Roscher, M.D.

December 1, 1955

Ingeborg Nesseler, M.D.

April 2, 1956

Valentine E. Jedlikowski, M.D.

April 16, 1956

Alan Godwin, M.D.

May 10, 1956

Vera Allen, M.D.

May 21, 1956

Sing Bea Chang, M.D.

June 18, 1956

Resident Physicians Resigned

Yaroslav Panchuk, M.D.

November 23, 1955

Henry W. Klark, M.D.

January 31, 1956

Elsa L. Wiirsalu, M.D.

April 9, 1956

Other Staff Appointed

Charles Halstead, D.D.S., Resident Dentist

September 26, 1955

Other Staff Resigned

John Pekalski, D.D.S., Resident Dentist

September 15, 1955

Sylvia F. Eisenson, M.S., Psychologist

January 7, 1956

Health Service for Employees

Dr. Joseph Donovan, who has completed thirty-two 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 1,780 physical examinations of new applicants, and 8,910 physical re-checks and treatments. There were 620 admissions to the employees' ward, 615 discharges and 2 deaths. The usual range of illnesses was treated, the greatest number in the upper respiratory category.

Nursing

The administration of nursing service and nursing education continued under the supervision of Miss Laetitia M. Roe, R.N., B.S., director of nursing. At the close of the year the professional nurse staff was composed of 91 nurses, which included 1 director of nursing, 4 assistant directors of nursing, 4 instructors, 15 supervisors, 29 head nurses, 21 staff nurses and 17 part-time nurses. In the sub-professional group there were 803 psychiatric aides, which included 105 psychiatric technicians, 133 charge attendants and 565 attendants. In addition there were 117 affiliate student nurses and 20 technician trainees. This made a total of 1,031 persons giving care to 5,725 patients as compared to 885 persons caring for 6,538 patients a year ago. In January 1956 the average nursing hours per patient day provided by nurses was 0.06 and that provided by aides, 0.53. At the end of the year the daily average for nurses was 0.07 and for aides 0.61. Overtime was continued for supervisors, head nurses, staff nurses, technicians and the attendant group. A supervisor was appointed assistant director of nursing temporarily during the absence of an assistant due to illness.

The Graduate Nurse Program: The in-service course was divided into two groups, orientation for new staff members and reorientation for head and staff nurses in administrative policies, educational programs for student nurses, technicians and attendants, supervision of students and personnel, and in the newer concepts in psychiatric nursing. The regular supervisors' meetings were held twice monthly. Monthly head nurse meetings were begun to assist the nurses in identifying and solving problems in planning and giving psychiatric care. Monthly meetings were held in each of the six buildings with nurses and aides to provide guidance and information. A program for reorienta-

tion of supervisors to the total hospital situation and the changing work roles of the psychiatric nurse and the psychiatric aide was planned to give an understanding of the increased functions and responsibilities of the supervisor.

One nurse was enrolled in graduate study and 5 nurses in undergraduate study. There were 18 graduate nurses who completed the basic affiliate course. Since 1943 a total of 103 nurses, 99 affiliate student nurses and 4 graduate nurses have returned to employment here. At present there are 24 of these ex-affiliates employed as supervisors, head and staff nurses. Of the 91 nurses presently employed there are 81 with New Jersey licenses and 10 with licenses pending examination results. There are 39 nurses who are members of the New Jersey State Nurses' Association and 30 members of the New Jersey League for Nursing.

In April Rutgers University held a two-week workshop on psychiatric nursing here. Members of the medical and nursing staff assisted. Of the 13 nurses enrolled, 9 were public health nurses, 3 instructors and 1 assistant director of nursing. The plans were completed with the university for the masters program in clinical study to begin in September 1956.

Members of the staff were active in committees of the New Jersey State Nurses' Association and the League for Nursing. An assistant director, a head nurse and a staff nurse gave papers at a program meeting of the Committee on Psychiatric and Mental Health Nursing of the National League for Nursing and also attended the conference of the Northeast State Governments as a representative from New Jersey.

The Affiliate School of Nursing: During the year 434 nurses from 17 schools were enrolled in the twelve-week course and 428 completed the work successfully. Of the 6 students who did not complete the work, 3 returned to the home schools because of illness, 2 returned because of emotional upset, and 1 resigned from nursing. Rutgers University School sent 18 students under the supervision of 2 instructors, for their affiliation in psychiatric nursing. This included students in the two-year and four-year programs. The curriculum was revised and the philosophy, objectives and course content were rewritten, based on modern concepts in psychiatry and psychiatric nursing. A process study was developed and adopted instead of the usual case study. Clinical practice areas were re-evaluated: wards 38, 41 and 49 were added and ward 11 was discontinued. A clinical instructor was assigned to ward

49. New lighting and flooring were put in the classrooms and painting done throughout. A large and small classroom were added.

The Annual Inter-Agency meeting was held in May. The Grey-stone Park Association gave teas for new students and the faculty. The medical staff and directors of other departments participated in the teaching program.

The Psychiatric Technician Training Program: Of the 55 trainees enrolled in the course, 23 graduated, 12 failed or resigned and 20 remained in training. The first graduation of the technicians of this hospital only was held by the Board of Managers on June 5. In January a group of doctors and nurses from all the state hospitals met here to revise the course outline in psychiatry. In our program this year additional hours were included in clinical classes in psychiatric nursing with emphasis on inter-personal relationships.

The Attendant Training Program: There were 629 employees enrolled in the initial orientation classes and 1275 interviews with new attendants during the three-week training ward experience. In the extended training course 185 attendants were enrolled and 138 received certificates. A psychiatric technician, who was teaching assistant in the program, resigned and a graduate nurse assumed the responsibilities for the initial orientation for attendants and for assisting with the instruction of the technician trainees.

The charge examination was held in the fall and the spring. There were 56 attendants who passed successfully and were promoted.

Religious Services

Keith W. Keidel, B. D., resident Protestant chaplain, has continued in charge of the religious program of the hospital and has conducted the regular Sunday morning Protestant worship services, the most active and significant phase of group ministry. Local congregations have provided services for those of 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. Renovation of the beautiful chapel in the Main Building was completed and worship services for all faiths were resumed there, having been temporarily held in the auditorium of the Dormitory

Building. The chapel, with its comfortable, new pews, its lovely, large altar and stained-glass window, its new carpeting, more adequate and appropriate lighting as well as the new placement for the organ and choir, presents a new appropriateness as a place of worship and a greater number of patients have been attending voluntarily.

Father John J. White, resident Catholic chaplain, has been in charge of the Catholic religious services at this hospital. Assisted by the staff of St. Virgil's parish, Morris Plains, he has provided two Catholic services each Sunday morning, one at 7:00 for employees and an 8:30 service for patients. In addition to Sunday and holy day masses, 518 sacraments were administered, 289 visits were made to patients on the wards, more than 200 conferences held with relatives and employees and 1,475 confessions of patients were heard in the chapel. At the beautiful, permanent Chapel of Our Lady, Health of the Sick, many extra services were added, among which was the full liturgy of Holy Week, with all masses being well attended by patients, employees and visitors. The hospital's first wedding was witnessed when two employees entered the Sacrament of Matrimony in the Chapel of Our Lady.

In addition to the weekly worship services and the education program, Mr. Keidel was assisted by the chaplain interns in conducting 1,496 interviews with patients and many additional interviews with patients' relatives and family pastors. Group ministry was administered to a group of special patients at regular weekly meetings, and a somewhat larger ministry was conducted for the regular chapel choir.

Our hospital has become widely known as a training center for seminarians and pastors; clinical pastoral training students have come from many foreign countries as well as from centers located throughout this country. Two groups of theological students and pastors spent twelve weeks each in training here; during the summer seven students interned here and during the fall three more interned. For the fifth year a course entitled "Clinical Seminar" was given in the spring for students for half a day each week over a sixteen-week period. The Second Annual Pastors' Institute was held at this hospital in January; sponsored by the Morris County Council of Churches and the Morristown Ministerial Association, it was enthusiastically attended by pastors from Morris County and nearby areas.

Various educational, civic and religious groups were conducted on tours throughout the hospital by the chaplains, who also devoted much

time lecturing to various groups on the purpose and function of a progressive mental hospital. Worship bulletins were distributed weekly to those entering the chapel, and four pedestal-type bulletin boards, donated by the Morris County Council of Churches, facilitated the announcements of chapel activities and aided in directing visitors to the chapel for meditation.

Both Mr. Keidel and Father White were active throughout the year in attending numerous professional conferences. Mr. Keidel served as lecturer during a course on theology for critical situations at Drew Seminary. Actively interested in both civic and religious groups, both chaplains attended the annual meeting of the Association of Mental Hospital Chaplains held in Chicago and participated in the work of the Morris County Mental Health Association, in addition to assisting with the work of many other groups. Mr. Keidel served as a member of the Board of Trustees of the Morris County Mental Health Clinic, and Father White held membership on the Board of Trustees of the Passaic County Mental Health Clinic.

Social Service

Edward E. Mueller, M.S.W., continued as director of social service until February, when he left the hospital and Mr. Herman Carter was made acting director. There has been a professional staff of 10 and clerical staff of 6 with one seasonal assistant.

During the year 1,225 patients were released on convalescent leave, and 1,034 patients discharged from convalescent leave. A total of 10,158 interviews were made, 5,516 in the hospital and 4,642 in the community. There were 707 histories obtained in the office, requiring interviews with 1,017 persons, and 550 histories were obtained by questionnaire. Interviews with relatives of patients prior to home visit numbered 336 and, in addition, 48 special home investigations were made.

Mr. Carter has presented a comprehensive report for the year, outlining the casework functions and activities of his department. Under the direct supervision of the assistant superintendent, Mr. Carter reported continued activity in the program of his department.

Occupational Therapy

Mrs. Lucille Boss, M. A., completed her second year as director of occupational therapy. Her report shows the progress in this depart-

ment. She has been assisted by a staff of 4 professionally trained and registered occupational therapists and 36 additional workers.

Emphasis during the year has been on improvement and refinement of the treatment program to meet individual and group needs of patients. Consolidation has included locating the sales room and general supply room in the women's building and the classrooms and offices of the supervising personnel in the men's building. In-service training has been continued with craft classes in woodwork and ceramics as well as discussion groups on theory of psychiatric OT. Both sales and work areas have been redecorated and a remodeled shop for women opened in the Dormitory Building. Much new equipment has been obtained, distributed throughout all of the work areas. Volunteers have been helpful, eleven helping regularly. Affiliate nurses have been oriented, 10 students being assigned each week to work in the department. Psychiatric technician trainees received twelve hours of orientation and other groups have been accommodated as requested. Increased contact with staff physicians have resulted in more information on referral forms and better progress notes.

The various treatment activities of the department continue to reach approximately 1,000 patients each day. Modalities utilized included art work, ceramics, sewing and needlework, 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 55,436 articles with 43,144 for general hospital use, 9,543 for display and sales rooms, and 2,769 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 2,400,000 impressions from their printing presses, almost 1,000,000 from the ruling machine, and also 550,000 punching and perforating, 20,800 padding and almost 12,000 binding operations.

Mrs. Boss has served her second year as president of the New Jersey Occupational Therapy Association and attended the American Occupational Therapy Association Conference in San Francisco as a delegate. Since October she has been assisting with a national research project, studying the maximum use of occupational therapy in psychiatry,

which is being conducted under a grant from the National Institute of Mental Health to the American Occupational Therapy Association. She has attended many other professional meetings and has lectured to various groups.

The usual exhibit during the year, on this occasion jointly with the Library Service, at the Trenton State Fair, included active demonstrations.

Recreation

Mrs. Dorothy Johnson, who has been on the staff of the hospital since 1926, 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 4 recreational aides. The program reaches throughout the institution and activities are therapeutically oriented.

A balanced program of game skills, creative skills, art, music, drama and literature is conducted, with special concern for seasonal and holiday activities. In her comprehensive report, Mrs. Johnson lists 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.

Mrs. Johnson has been ably supported in her recreational activities by many volunteer groups, particularly Red Cross chapters from the adjoining counties and veterans auxiliary groups.

Among the outstanding yearly events are the annual band concert in August by the Dover A.F.M., the Halloween dance with its interesting costumes and skits, and Christmas tree parties enjoyed by all the patients of the hospital. One of our newer activities included in the program was the Dale Carnegie course in public speaking.

An attempt was made to reach every patient with some phase of the program, and a total attendance of 60,284 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 in keeping all the three libraries open for patients and employees, and both groups have made increased visits to the libraries. A deep interest in reading and an increased awareness of the library services available has been in evidence. Groups of patients have been taken to the libraries at least two days a week, an average of about 200 patients each week served in this program. A noiseless typewriter in the Clinic library and a new catalog file in the Main library were donated by the Greystone Park Association. One patient therapeutically employed in the libraries during the year left the hospital for employment in a public library.

Mrs. Dayton reports that more than 2,100 books were added to the three libraries, and that 149,709 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 library meetings.

Greystone Park Association

Mrs. George G. Hennessy, president, reports that the Association this past year has continued its efforts to render practical assistance to the hospital program, to enlist public interest in the needs and problems of the hospital and to arouse community support in meeting them.

More than thirty talks have been given by members of the Speakers Bureau, twelve tours were conducted, newspapers, television and radio were employed as publicity media and a program was presented at the convention of the New Jersey Association of Hospital Auxiliaries. Increased community and organization support resulted from the efforts of both county directors and organization coordinators.

In the area of direct service to the hospital, the Supply Room committee distributed 21,987 items of clothing, bingo prizes, puzzles, cosmetics and cigarettes, plus materials for occupational therapy. The Production committee turned over to the nursing service 174 curtains, 990 new bed-jackets, 379 johnny shirts and 1,480 pairs of soft-soled slippers. The Nylon committee packed and shipped nearly four tons of nylons; proceeds from the sale of these purchased 8 television sets and contributed toward their upkeep. At least 2,000 hours of service in the supply room were contributed by members of these three committees.

Volunteer services within the hospital were reorganized this year. Volunteers were recruited for both library and occupational therapy. With the cooperation of the heads of these two departments and the nursing service, a one-day orientation course was held in October.

At the end of the year 17 volunteers were enrolled and nearly 2,000 hours of service contributed, a substantial increase over last year's figures.

The Association this year expanded its Christmas program to include 6,000 bags of toilet articles, one for each patient. Approximately 3,000 small gifts, over 400 cartons of cigarettes and quantities of Christmas wrappings and decorations were furnished. In addition, a substantial contribution to the hospital's Christmas fund was made and the American Legion Auxiliary purchased a canteen card for each patient-veteran.

Many hours of service were spent by Association members and members of other organizations in packing the bags of toilet articles and wrapping Association gifts, as well as in assisting the hospital staff send out Christmas letters and label and wrap Christmas gifts.

Additional contributions to the hospital program included over 100,000 items delivered to the library, thousands of place mats and holiday favors for ward use, the purchase of drain pipe for the new baseball field, a new kiln, and four reconditioned typewriters for the occupational therapy rehabilitation program, a typewriter and card file for the library, 3 manometers, 3 new record players and records for the nursing department, the presentation of awards for outstanding psychiatric aides, contributions to the Chapel fund and monies to purchase cigarettes, plus cigarettes contributed by the veterans' auxiliary organizations.

During the year a total of 33 parties and 4 teas for affiliate nurses were given by outside organizations. The Red Cross gave 22 parties and the V.F.W. Auxiliary gave 8, both on a regular schedule.

A new area of Association service was established when a Family Care chairman was appointed. There were 156 letters sent out to health officers, welfare directors, public health nurses and clergy. Answers were received to one-third of these; however, the chairman feels it is too soon to evaluate this program. Both clothing and Christmas gifts were furnished for Family Care patients.

A sincere effort was made by the Association Board to keep up to

date in both mental health and hospital auxiliary fields, by visits to other state hospitals and attendance at conventions and workshops. Membership was retained in the state and national associations of hospital auxiliaries, in the World Federation for Mental Health and the New Jersey Welfare Council.

Pharmacy

After thirty-two years of faithful service, much of it as pharmacist-in-charge, Philip B. Roberts, Ph. G., retired and the hospital pharmacy is now under the direction of John V. Callery, registered pharmacist. In addition to the supervision of the pharmacy and the solution room, he 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. The Fenwal sterile solution division has shown a remarkable growth during the past two years, preparing a total of 5,266 units during the current year. The other principal increase is noted in the tranquilizing drugs; during the last six months of this year over 90,000 tablets of reserpine and more than half a million tablets of Thorazine were dispensed, with a valuation of over \$35,000 for these two items. The pharmacy has continued to manufacture many medical preparations in various forms too numerous to list here. A total of 34,766 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. They also gave instruction to psychiatric technician trainees as well as talks to groups of other students visiting the department during the year.

Barber Shops

Mr. Herschel Tucker, head barber, has supervised the work of 11 barbers and 4 hairdressers in his department, and reported that during the past year 284,260 shaves and 64,380 haircuts were given to the men, while the women received 49,273 treatments, including haircuts, shampoos, permanent waves, fingerwaves and facials.

Photography

Daniel J. Lutz, photographer, was responsible for photographing

patients on admission for identification and on discharge from the hospital for comparison until March 31, when he retired, and these duties were assumed by Leo J. Boulris, identification officer. The additional studio, located on the ground floor of the Reception Building, has continued to prove most functional in photographing the aged and otherwise handicapped patients unable to climb to the fourth floor studio. There were 1,036 admission photographs and 919 discharge photographs processed; 84 miscellaneous prints were made.

Medical Records

Mr. 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; 1,589 cases were processed during the year. The number of discharge records now on film has reached 33,066 and includes the discharges of June 30, 1941.

Mr. Leo Boulris has reported that 1,398 individual sets of fingerprints were made during the year, bringing the total on file to 27,943. He also processed 1,062 sets of employees' fingerprints, with the total in this section reaching 13,098.

Mental Hygiene Clinics

The mental hygiene clinics suffered a great loss in the death of Dr. Agnes P. McGavin on May 6th, following an illness of six months. George Cohen, Ph. D., resigned as clinical psychologist December 31 and psychological service was supplied on a half-time basis by Mrs. Irmgard Schwarz. Miss Mildred H. Hurley continued as director of clinic social service.

A total of 104 clinic sessions were held with 200 new patients, 33 adults and 167 children. There were 634 patients under treatment during the year, with a total of 3,270 clinic sessions by clinic personnel.

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 seven 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

The business office continued under the direct supervision of Robert A. Lowery, treasurer and assistant business manager, until he officially retired on March 31, after completing forty-six years of very efficient and faithful service. Mr. Lowery's experience and cooperation was of the greatest help to the business manager. On November 1 Mr. Robert Whitehead joined this department as supervising accountant and since March 31 has assumed the duties formerly performed by Mr. Lowery. George Zelenak, head clerk, was promoted temporarily to the position of supervising accountant and was in charge of all purchases and much of the preparation of the annual budget.

Mr. Zelenak, as acting treasurer, reported collections for the past year of \$3,598,837.04 as compared with last year's receipts of \$3,741,280.17.

Management Survey: During the year the firm of Cresap, McCormick and Paget made a pilot study of the various business procedures and operations of this institution, and one of the outstanding projects of the business department was obtaining information and answering this survey. The management wishes to thank all staff members who took part in this project.

Institutional Collector

George R. Bonscher has continued to perform the duties of institutional collector, his title being changed during the year to institutional adjuster, and we have found his work highly satisfactory.

This office reported \$205,991.70 in collections, 188 cases were closed, 267 visits were made to various adjusters, and there were 792 interviews.

Personnel

This department continued under the direct supervision of Richard E. Winans, M. S., assisted by Karl Marx and William Loeber.

William Knowles, who had been associated with this institution for many years, passed away in November and has been replaced by Larry Skurnik. Mr. Winans reports as follows:

During the fiscal year ending June 30, there were 1,048 persons hired. In order to obtain this number of new employees, 5,662 recruitment contacts were made, an average of more than 25 per working day. Of this number 3,862 were personal interviews.

It is particularly significant that employment terminations during the year totaled 964 as of June 30. The turnover in 1952 was 81.2 per cent while this year with a total enrollment of 1,734 employees it has been reduced to 55.5 per cent.

Employee relations work, while not as tangible as recruitment and yet more time-consuming, is nevertheless more important toward the maintenance of good employment conditions at the hospital. In addition to positive efforts to keep employees as well informed and counseled as possible, personnel projects during the year included the annual employee service recognition program, an unusually large retirement program caused by many employees going on pension March 31 for Social Security reasons; a training program which included weekly orientation and semi-monthly reorientation of employees as well as supervisory training and also projects involving research and survey on personnel organization, temporary positions, and salary ranges.

Police

Our police department has continued under the direct supervision of Sergeant John R. Miller of the State Police, who is assigned to our institution as chief security officer. Under Sergeant Miller we have 18 institutional patrolmen. Sufficient men are assigned to a security patrol on foot of the Main, Dormitory and Tuberculosis Buildings between the hours of 7 p. m. and 3 a. m. The hospital garage is also manned by a patrolman between the hours of 6 p. m. and 6 a. m., taking care of ambulance and morgue calls, and transporting evening employees to the cafeteria from the Dormitory, Tuberculosis and Unit Buildings. The police department operates on three eight-hour shifts. Police radio patrols operate around the clock on all institution and surrounding roads for the protection of property and the well-being of the patients; returning stray patients to their respective wards or designations; regulating traffic and parking, both on regular business days and visiting days. The police department was responsible for the return of 88 missing patients and, in

addition, furnished personnel for the return or transfer of 98 patients.

The Civil Defense program has continued to operate in conjunction with the police department. Police headquarters is also the control center and headquarters for our Civil Defense unit.

It is the opinion of the chief security officer that crime is at a minimum considering the number of employees living on the grounds. From time to time checks are made in cooperation with the various state police units in an effort to uncover traces of narcotics and gambling and keep the hospital free of these vices. Criminal cases investigated included minor thefts, frauds and such.

Fire Prevention

The fire department continued under the direct supervision of Chief Charles H. Acker, assisted by two assistant institutional fire chiefs and 3 truck drivers. Fifty-four 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.

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. Members have attended many of the monthly sessions sponsored by the Morris County Fire School.

During the year a grand total of 95 calls were received, 88 fire calls, one sprinkler system, 6 calls for oxygen therapy or rescue, and 4 false alarms.

Garage

Our main garage continued under the supervision of William Walton, Jr., who is responsible for the maintenance and operation of our state cars. This includes cars operated by the hospital social service department and the northern New Jersey mental hygiene clinics. The garage also services cars for the Child Welfare and Probation departments. Our farm trucks and tractors are serviced and repaired in our greenhouse garage.

Laundry

The laundry department continued under the supervision of Floyd Evans and handled 7,174,130 pieces.

During the year an automatic control self-unloading washer was installed, which has greatly increased the efficiency of the laundry operation. In addition, a tilter-type press unit was also installed.

There has been a continued shortage of patient help during the past year and at present also a shortage of paid employees. It is believed that should the shortage of patients able to be assigned to this department continue, it will be necessary to have more paid employees if this department is to continue to operate in an efficient manner.

Building Maintenance

William Beucler, building service supervisor, retired on March 31 after twenty-eight years of service, and Graham Tunis, who has been associated with the hospital for seventeen years, was appointed to temporarily fill this position, pending Civil Service action, as of April 1st.

Mrs. Alma K. Rose, head housekeeper, also retired as of March 31 and Mrs. Ellen Johnson, housekeeper, was promoted to the position of head housekeeper on April 1.

The varied functions of this department have been ably carried out by the loyalty and effort put forth by the remaining older employees.

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

William T. Barry, foreman upholsterer, continued to supervise the department which is responsible for the manufacture and repair of mattresses and pillows and does all upholstering, rug work and miscellaneous flooring throughout the hospital. There were 119 floor covering jobs during the year but this total includes 12,675 square feet in old and new projects.

Frank DiPrimo continued to supervise the tailor shop.

Food Service

The food service department continued under the supervision of Richard Gessner. William Walton, Sr. retired officially on March 31, after being on sick leave, and Mr. Gessner was permanently appointed food service supervisor on April 25. Other key departmental personnel are Rosemary F. Kramp, assistant food service supervisor, administrative dietitian; John W. Evans, assistant food service supervisor, in charge of the employees' cafeteria, the nurses and doctors kitchen and dining room; Alvin Washington, assistant food service supervisor, in

charge of the Main Building kitchen and dining room areas; Jean Epstein, senior dietitian, in charge of the Dormitory kitchen and the Dormitory and Tuberculosis dining areas; Rosa Hobbs, dietitian, in charge of the Clinic Building special diet kitchen. Ford E. Hollis, head cook of the Main Building kitchen, transferred to the North Jersey Training School at Totowa on June 1st and has been replaced by Carl Neuman. Harry Pengilly, head cook, continued in charge of the Dormitory kitchen and William Taylor, head cook, continued in charge of the employees' cafeteria kitchen. William Bossert replaced Joseph Feldenzer, who retired as head butcher. Otto Schumacher continued in the capacity of head baker. Our sanitarian, Milton R. Vreeland, has worked in close relationship with this department, making routine inspections, providing assistance and making recommendations as necessary for proper sanitary operations and controls. The food service department carried out the feeding of all patients and employees in a satisfactory manner.

New equipment received during the year has been installed throughout the kitchens and dining rooms. These items are a result of budget requests, local fabrication or Federal Surplus donations.

Beginning July 1, the menu for patients was divided into separate menus for regular and infirmary patients as well as for tuberculous patients. The new infirmary diet provides a softer, more easily digested diet for the sick wards. It also allows for more variety and increases palatability for those patients who have poor appetites. Several new foods and food products have been incorporated into the diet for both patients and employees. The most significant are frozen, prefabricated and portion-controlled fish and frozen vegetables. Federal Surplus commodities have been received throughout the year, providing a substantial addition to the food allowance.

The diet kitchen prepared a total of 548 special diet orders during the year.

A total of 1,164,520 pounds of meat was processed through our butcher shop; of this figure 32,525 pounds were Federal Surplus, 150,848 pounds were home-produced meats, and 981,149 pounds were outside purchased.

The baker shop produced 597,281 loaves of bread and, in addition, baked many rolls, cookies, cakes and pies.

Farm

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

Our garden department, supervised by John Zeis, produced fresh vegetables valued at \$20,292.43 as compared with \$27,659.90 last year.

Hugh McLellan, head dairyman, reported a herd census of 347 animals. During the year, 1,076,904 quarts of milk were produced which, together with other produce, had a total value of \$122,212.06 as compared to \$126,669.87 last year.

Kenneth Hoagland worked under Mr. Stuart in the farm section and farm production was valued at \$14,219.20, which includes all our ensilage crops.

Our piggery, under Howard Hoffman, produced 114,123 pounds of pork and the total value of products was \$34,488.90 as compared to \$41,016.60 last year. Our June 30th piggery census is 564 animals.

The poultry plant was under the supervision of Alfred Garretson and products were valued at \$21,786.90 as compared to \$19,447.61 last year. Included in this are 40,066 dozen eggs and 10,776 pounds of fowl. Hennerly census stands at 4,024 as compared with 4,010 last year.

The grand total of produce from dairy, farm, piggery and poultry was valued at \$192,707.06 as compared with \$204,025.16 last year.

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

The sawmill produced 23,998 board feet of oak and 1,327 board feet of whitewood; total value was \$5,038.46 as compared with \$9,151 last year.

There was no production at our cinder block plant during the year; 1,792 blocks valued at \$358.40 were used for various projects; at present there are 25,788 blocks available for institution use.

Gus Salvesen, in charge of all trucking and hauling projects, reported our long-distance hauling trucks made 498 trips, with a total mileage of 41,606 miles. During the year 11,126 yards of ashes were donated to road departments of adjacent towns; 5,337 yards of ashes and 244 yards of carbon were used by our institution. Matthew Casey continued the conditioning of our railroad tracks and Michael Darby was responsible for the unloading of coal for use in the power plant.

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

Engineering

The engineering department continued under the direction of Maurice Chaillet, engineer-in-charge, assisted by Edward Wengland, assistant engineer-in-charge, and William Carew, assistant engineer-in-charge, who retired March 31. Charles Corbishley has been appointed to Mr. Carew's position.

During the year the power plant consumed 23,846 tons of coal and 1,287,738 gallons of fuel oil to produce all the steam necessary for heating and to generate 2,419,663 k. w. h. In addition, we purchased 3,053,100 k. w. h. from the Jersey Central Power and Light Company.

Statistics for our water station are as follows: Total consumption of 430,227,000 gallons, as compared with 466,205,000 gallons last year; a total of 191,357,500 gallons was actually pumped, as compared with 242,153,500 gallons last year. No water was purchased from the Town of Morristown during the year.

Our sewage disposal plant, under the direct supervision of James Long, handled 375,706,000 gallons of flow, as compared to last year's figure of 418,688,000.

Service Unit and Duct Store

Vincent VanInwegen continued as manager of the service unit during the year. Total sales for the unit during the year were \$216,754.04, as compared with \$192,930.52 last year.

The other unit, the duct store in our Main Building, was supervised by Victor Losey until the time of his death in February. Sales for this period amounted to \$56,815.19. Following renovations and the installation of automatic dispensing machines this store was re-opened on February 22. Commissions from the machines totaled \$713.55.

Construction

Construction was under the supervision of Walter Brownne until April 15, when he ended his services with the State Construction Department. On April 20 Christian Lanner was appointed construction superintendent. William Brook continued as resident inspector.

Dormitory Building Fireproofing: Section B reconstruction area of the Dormitory Building South was turned over to the hospital for patient occupancy on October 5. Patients from the Dormitory Building North, top floor and rear areas, were moved to the Senile Building on

October 19. Mr. Felgraff, architect, completed working drawings for the Dormitory Building North fireproofing and same were approved by the Central Office. This project is now out on bid.

Working Patients' Building: During the month of October this building, designed by Frank Grad & Sons, was started. The general contractor is Calabro Construction Company and this project is scheduled for completion by October 1956. Percentage of completion to date is 45 per cent.

Main Chapel Reconstruction: Our main chapel was renovated during the year. New pews, altar, lectern, pulpit, lighting fixtures and carpeting were installed. Dedication was held on November 26.

Main Building South Fireproofing: Tier 2 fireproofing was completed during the year. Tiers 2, 3 and 4 have now been completed for patient occupancy. Tier 1 fireproofing is being delayed until additional monies are obtained.

Heating Veterans' Housing Units: Work started for the installation of oil heating in these units on March 19, and this project is still being completed.

Recommendations

The following are our capital budget recommendations for the next five years, beginning with the fiscal year 1957-58.

\$125,000 to complete the renovations of the sewer plant started in fiscal year 1954. Over half the work has been completed and this request is an estimated amount necessary to complete this project.

We are placing at top priority the construction of a building to house our affiliate nurses and to provide proper classrooms, demonstration rooms, assembly and recreation areas. The State Board of Nursing now requires psychiatric nursing as part of affiliate training. We have, therefore, received requests for more nursing schools to join our institution. Our present affiliate nurses' class totals 117 students and indications are that this number will be increased to 150 students within the next few years. We now house 73 students in one wing of our Employees' Residence, while the balance is housed in a section of our graduate nurses' building known as Voorhees-Knight Cottage. The affiliate classrooms are at present located in the basement of Voorhees-Knight Cottage. We recommend that the construction of a building similar to our Voorhees-Knight Cottage group with 150 single rooms minimum and, in

addition, the necessary classrooms, recreation room with snack bar, practice rooms, library and assembly rooms, and nursing instructors' offices. We estimate the cost of this building to be \$1,500,000.

We request eight staff cottages, five for medical and three for business personnel, at a cost of \$160,000.

We request garden apartments for married couples at a cost of \$1,650,000. At present we have fourteen two-room apartments in our Hill Residence and, in addition, have set aside a certain number of double rooms in the South Cottage and Dormitory Building for married couples. We also have eleven veterans' housing units which were put up as a temporary measure six years ago and, according to government standards, have now outlived their usefulness and we are faced with the problem of replacing them with more permanent quarters. We therefore recommend the erection of garden-type apartment building with two, three and five-room apartments for married couples and family groups.

We request consideration of an elevator for the front section of the Main Building. In addition to the business and medical offices located on the second floor, we have rooms and apartments for doctors, staff members and social service workers on the third, fourth and fifth floors. Accessibility to these apartments is afforded through the medium of one stairway, which is exposed and is not of fireproof construction. Under Fire Prevention Program, we have installed fire doors which improve these conditions on the three upper floors, but except for a very questionable fire escape of the slide variety, there is no other medium of exit. This building is only five stories high but the ceiling height is extreme, making the fifth floor equivalent to a seven-story climb. This creates a problem not only for the occupants but also for our housekeeping personnel. We estimate that the shaft built on the rear of the Main Building will cost \$23,000, the elevator \$22,500, and installation \$4,500, making a total of \$50,000.

Extension to Main Building South Dining Room: We request \$250,000 to build a two-story addition extending between wards 29 and 41 and wards 31 and 43. This building would be two stories in height with a serving room located in the center. With this arrangement, the food carts could be brought from the main kitchen through tunnels to the basement of this area and brought up to the service rooms on the first and second floors. Each area would have its own dining room, which would prevent a mixing of section patients. At the present time

we have established a dining room in one of the dormitories in Tier 4 and the less disturbed patients from wards 29 and 31 are brought in to this hall.

Extension to Main Building North Dining Room: We request \$250,000 for a similar addition to provide proper dining facilities for the four section wards on the Main Building North side. These patients are now fed on two shifts in a small dining room on Ward 26, which was formerly a dormitory room. These additions would provide much closer supervision and better-served foods to our most disturbed patients.

We request an Extension to Employees' Cafeteria at \$275,000. Our present Employees' Cafeteria kitchen is equipped with every modern cooking convenience and could, with minor additions to present equipment, carry the load now handled by the Doctors and Nurses Dining Room kitchen, which would be incapable of efficiently handling an additional load. We propose to erect two extensions, one large enough to handle 300 student nurses and staff, the other for our medical staff with a small private dining room which would be used by our Board of Managers and for other special occasions. These extensions would be one floor and of similar construction to our present Employees Dining Room.

Again we request a new admission building at a cost of \$3,300,000. We believe a 500-bed receiving service would be adequate and recommend the construction of a 250-bed building which, with our present Reception Building, would give us the desired 500-bed receiving service.

We recommend erection of an employees' building similar in construction to our present building for housing single employees at a cost of \$1,650,000.

We request \$900,000 to renovate the center and recreation hall area of the Dormitory Building in the following manner: Remove entire third floor to correspond with the rest of the building; install asphalt tile floors except for terrazzo corridor floors, new heating system and new electrical system; and convert present recreation hall into second floor dining room including ceramic tile side walls, acoustical tile ceilings, terrazzo floors with drains and new detention screens.

We request \$400,000 for fireproofing Main Building South Tier 1. A program was started about ten years ago to modernize and fireproof the south side of the Main Building and Tiers 2, 3 and 4 have been completed. We feel it is imperative to set up funds to continue to complete this very essential renovation and fireproofing project.

Loss of Employees by Retirement or Death

Fifty-four employees retired during the year:

- Mrs. Emily Walton, dining hall supervisor, employed February 17, 1932, retired August 16, 1955.
- Mr. Eugene Barrett, operating engineer, employed May 16, 1924, retired August 31, 1955.
- Mr. Joseph W. Olin, plumber, employed January 26, 1923, retired August 31, 1955.
- Mr. Daniel Brown, plumber, employed January 5, 1920, retired October 31, 1955.
- Mr. Clarence F. Talmage, senior occupational therapist, employed September 2, 1924, retired February 15, 1956.
- Mr. Robert Allgulander, institutional watchman, employed December 2, 1912, retired March 31, 1956.
- Miss Sadie Anderson, cottage service worker, employed October 1, 1933, retired March 31, 1956.
- Mr. Matthew Appio, gardener and orchardman, employed January 5, 1944, retired March 31, 1956.
- Mr. James F. Baldwin, institutional attendant, employed November 18, 1929, retired March 31, 1956.
- Miss Victoria Barrett, graduate nurse, employed October 16, 1929, retired March 31, 1956.
- Mr. Carl Benson, senior building maintenance worker, employed July 27, 1942, retired March 31, 1956.
- Mr. William G. Beucler, building service supervisor, employed December 16, 1927, retired March 31, 1956.
- Mr. Benjamin Bourie, painter, employed April 24, 1928, retired March 31, 1956.
- Mr. William A. Carew, assistant engineer, employed December 2, 1935, retired March 31, 1956.
- Mr. George Carey, mason, employed April 14, 1925, retired March 31, 1956.
- Mr. Albert Ceska, institutional charge attendant, employed May 23, 1931, retired March 31, 1956.
- Mr. Raphael DeChiaro, painter, employed December 26, 1944, retired March 31, 1956.
- Mr. John Ficken, senior laundry worker, employed November 16, 1942, retired March 31, 1956.

- Mr. Lawrence Fox, assistant groundsman, employed January 20, 1942, retired March 31, 1956.
- Mr. James J. Gleason, houseman, employed January 19, 1942, retired March 31, 1956.
- Mr. Stephen Gordon, institutional laborer, employed June 22, 1944, retired March 31, 1956.
- Mr. John T. Connell, mason, employed November 6, 1939, retired March 31, 1956.
- Mr. Harry Hall, truck driver, employed October 24, 1927, retired March 31, 1956.
- Miss Laura Hankinson, housekeeper, employed October 16, 1936, retired March 31, 1956.
- Mr. Thomas Kelly, senior food service worker, employed January 30, 1945, retired March 31, 1956.
- Mr. John Krozser, Sr., carpenter, employed March 5, 1929, retired March 31, 1956.
- Mr. Louis Lacker, barber, employed July 10, 1948, retired March 31, 1956.
- Mr. Harry Lake, assistant farmer, employed May 4, 1932, retired March 31, 1956.
- Mr. Robert A. Lowery, assistant business manager, employed June 2, 1910, retired March 31, 1956.
- Mr. Daniel J. Lutz, photographer, employed January 1, 1936, retired March 31, 1956.
- Mr. Alex MacLean, building maintenance worker, employed April 22, 1941, retired March 31, 1956.
- Mr. Howard H. Millen, assistant gardener, employed April 1, 1919, retired March 31, 1956.
- Mr. Oscar Miller, farmer, employed May 1, 1942, retired March 31, 1956.
- Mr. William J. Moran, occupational therapist, employed May 16, 1932, retired March 31, 1956.
- Mr. Granville Peach, mechanic, employed April 4, 1938, retired March 31, 1956.
- Mr. Wilfred H. Pratt, greenhouseman, employed June 4, 1936, retired March 31, 1956.
- Mr. Samuel Reeves, assistant dairyman, employed October 7, 1936, retired March 31, 1956.

Miss Margaret Renaud, housekeeper, employed June 10, 1929, retired March 31, 1956.

Mr. Leo Roff, institutional patrolman, employed November 23, 1908, retired March 31, 1956.

Mr. Franc Schallenberger, foreman machinist, employed September 24, 1923, retired March 31, 1956.

Mrs. Leah B. Sickels, clerk-stenographer, employed August 1, 1929, retired March 31, 1956.

Mrs. Ella J. Simonson, institutional charge attendant, employed May 12, 1931, retired March 31, 1956.

Mr. James Sparks, institutional charge attendant, employed October 23, 1934, retired March 31, 1956.

Mr. Alfred VanSickle, institutional repairman, employed July 20, 1936, retired March 31, 1956.

Mr. William Walton, Sr., food service supervisor, employed January 23, 1908, retired March 31, 1956.

Mrs. Alma K. Rose, head housekeeper, employed January 1, 1944, retired March 31, 1956.

Mr. Thomas Williams, operating engineer, employed March 18, 1943, retired March 31, 1956.

Miss Rose Beesburg, institutional attendant, employed November 10, 1936, retired March 31, 1956.

Mr. Joseph Feldenzer, head butcher, employed January 20, 1930, retired April 30, 1956.

Mrs. Anna Huscher, occupational therapist, employed September 8, 1931, retired June 30, 1956.

Mr. Charles Jones, painter, employed April 15, 1936, retired June 30, 1956.

Mr. Michael Kelly, cable car operator, employed September 22, 1941, retired June 30, 1956.

Mrs. Blanche Smith, graduate nurse, employed July 30, 1930, retired June 30, 1956.

Mr. Patrick J. Brady, houseman, employed March 18, 1948, retired June 30, 1956.

Six employees died during the year:

Mrs. Dorothy Brown, institutional attendant, employed February 28, 1955, died August 14, 1955.

Mrs. Margaret Bell, institutional attendant, employed October 29, 1954, died August 14, 1955.

Mr. Edmund Olson, building maintenance worker, employed July 16, 1941, died September 19, 1955.

Mr. James V. Manning, truck driver, employed April 1, 1938, died September 28, 1955.

Mr. William Knowles, supervisor of attendants, employed July 18, 1930, died November 10, 1955.

Dr. Agnes P. McGavin, director of Northern New Jersey Mental Hygiene Clinics, employed January 2, 1953, died May 6, 1956.

Acknowledgments

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 and groups which were acknowledged by the Association.

Conclusion

Having lived through a period of intense overcrowding, we are happily entering an era where due to redistricting we have a lower admission rate, and, hopefully, due to the tranquilizing drugs, we have an increasing number of patients leaving the hospital. The excellent oversight of our medical staff supplied by Dr. Collins and his assistants and the increasing number of physicians has maintained our active treatment program. Our thanks to all the members of the medical team, physicians, nurses and aides; and a special word of appreciation to Mr. Neal, business manager, for his loyalty and vigor in carrying out the arduous duties of maintaining and operating an institution of this size. I wish to record also my deep appreciation of the continued support of the Board of Managers who individually and collectively have on many occasions aided me by their wise counsel and guidance.

Respectfully submitted,

Orville Randall

Medical Superintendent and
Chief Executive Officer

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time			
	M.	W.	M.	W.
Grand Total.....	907	808	2	17
MEDICAL ADMINISTRATION—Total.....	470	639	2	17
1. Superintendent and Chief Executive Officer.....	1			
2. Assistant Superintendent and Chief Executive Officer...	1			
3. Clinical Director.....	1			
4. Assistant Clinical Directors.....	3			
5. Other Physicians—Total.....	32	4	2	
a. Ward duty—direct care of in-patients	23	4		
b. Specialists (cardiologists, roentgenologists, etc.)	6		2	
c. Pathologists.....	1			
d. Internes.....	2			
6. Dentists.....	2			
7. Dental Internes.....				
8. Pharmacists.....	4			
9. Graduate Nurses—Total	4	70		17
a. Supervisory or administrative duty.....		24		
b. Ward duty—direct care of in-patients	4	44		
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)	372	454		
a. Ward duty.....	372	454		
b. Special duty				
11. Occupational Therapists and Assistants	12	23		
a. Professional.....	7	14		
b. Occupational Therapy Aides.....	5	9		
12. Physical education directors and teachers.....	2	7		
13. Medical Clerks.....	4	53		
14. Other Employees.....	29	28		
15. Hospital Social Service - Parole Division - Total	3	4		
a. Director.....				
b. Social Workers	3	4		

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time	
	M. W.	M. W.
BUSINESS ADMINISTRATION—Total.....	437	169
16. Business Manager.....	1	
17. Assistant Business Manager.....	1	
18. Clerical Employees including Stenographers and Bookkeepers.....	11	21
19. Dietitian.....		1
20. Housekeeping Employees.....	30	27
21. Farm Employees.....	72	
22. Other Employees.....	322	107
MENTAL HYGIENE CLINIC—Total.....	13	
a. Physicians.....		
1. Director.....		
2. Assistant Director.....		
b. Director Clinic Social Workers.....		
c. Psychologist.....		1
d. Social Workers.....		5
e. Clerical Employees.....		7

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDED JUNE 30, 1956

RECEIPTS

1. Balance on hand from previous fiscal year.....	\$	1,882.95
2. Received from appropriations.....		7,642,183.31
3. Received from paying patients.....		
(a) Devoted to hospital use.....		
(b) Paid into State general fund.....	\$3,598,837.04	3,598,837.04
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.....		
(a) Devoted to hospital use (Fire loss) ..	\$4,876.14	
(b) Paid into the State general fund.....		4,876.14
6. TOTAL receipts (Sum of Items 1, 2, 3, 4 and 5)		<u>\$11,247,779.44</u>

DISBURSEMENTS

Expenditures for maintenance:		
7. Salaries and wages.....	\$4,939,246.97	
8. Provisions (food).....	857,726.35	
9. Fuel, light and water.....	374,000.00	
10. All other expenditures for maintenance.....	899,769.42	
11. TOTAL expenditures for maintenance (Sum of items 7, 8, 9 and 10)		<u>\$7,070,742.74</u>
12. Expenditures for improvements, including new buildings, additions, permanent betterments, etc.....	306,867.50	
13. Expenditures for other purposes (specify) (services other than personal).....	89,816.14	
14. TOTAL expenditures (Sum of items 11, 12 and 13).....		<u>\$7,467,426.38</u>
15. Amount returned to State Treasurer or other officials.....	3,773,593.97	
16. Balance on hand at close of year available. Include balance for maintenance and for all other purposes	6,759.09	
17. TOTAL disbursements (Sum of items 14, 15, and 16; also equal to item 6).....		<u>11,247,779.44</u>
18. Estimated value of consumed food raised on hospital farm...		
19. Do amounts reported above (items 8 and 18) include meals fed to staff and their families and other employees?.. Yes <u>No</u> <u>✓</u>		
(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.....	7656	3616	4040
Resident.....	6524	3116	3408
In family care.....	10	3	7
On convalescent leave.....	1061	472	589
On brief or temporary visit.....	47	12	35
Missing.....	14	13	1
Admissions during year—Total.....	1712	828	884
First admissions.....	1223	625	598
Readmissions.....	458	188	270
Transfers from other hospitals for mental diseases.....	31	15	16
Total on books during year.....	9368	4444	4924
Discharged during year.....	1563	741	822
As recovered.....	693	347	346
As improved.....	855	382	473
As unimproved.....	2	1	1
As without mental disorder.....	13	11	2
Discharged directly from hospital.....	486	263	223
Discharged while on convalescent leave or otherwise absent (excluding deaths)	1057	465	592
Deaths on convalescent leave or other- wise absent from hospital.....	20	13	7
Transferred to other hospitals for mental diseases.....	503	371	132
Died.....	594	314	280
Total removed from books during year.....	2660	1426	1234
Patients on books last day of year.....	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
Average daily resident population.....	5982.67	2777.52	3205.15
Average daily population on books.....	7118	3231	3887
Total placements on absent status.....	6333	2553	3780
Total returns from absent status.....	5393	2181	3212

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.....	20		20
Discharged from special care.....	20		20
Transferred to regular mental population...			
Died while receiving special care.....			
Receiving special care last day of year.....	2		2
	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year.....	2		2
Babies born during year.....	7	4	3
Babies discharged during year.....	9	4	5
Babies died.....			
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	1223	625	598	1096	558	538	127	67	60
Acute Brain Syndromes, total									
Alcoholic intoxication									
All other conditions									
Chronic Brain Syndromes, total	559	306	253	512	280	232	47	26	21
CNS syphilis	3	1	2				3	1	2
CAS and senile brain disease	419	196	223	399	190	209	20	6	14
Alcoholic intoxication	105	90	15	85	74	11	20	16	4
All other conditions	32	19	13	28	16	12	4	3	1
Psychotic Disorders, total	539	246	293	469	212	257	70	34	36
Involuntary psychotic reactions	88	15	73	83	15	68	5		5
Manic-depressive reactions	52	21	31	48	19	29	4	2	2
Schizophrenic reactions	230	111	119	200	98	102	30	13	17
All other conditions	169	99	70	138	80	58	31	19	12
Psychoneurotic Reactions	53	29	24	51	27	34	2	2	
Personality Disorders	30	25	5	27	22	5	3	3	
Transient Situational Personality Disturb.....	1	1		1	1				
Mental Deficiency, with Psychosis	41	18	23	36	16	20	5	2	3
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	1583	754	829	352	347	390	478	1	2	11	2
Acute Brain Syndromes	3	3		3							
Alcoholic intoxication	2	2		2							
All other conditions	1	1		1							
Chronic Br. Syndromes	302	215	87	185	66	29	19		2	1	
Meningo & other CNS	11	11		8		3					
CAS & Senile Br. Dis.	93	49	44	35	29	14	13		2		
Alcoholic intoxication	154	133	21	124	19	8	2			1	
All other conditions	44	22	22	18	18	4	4				
Psychotic Disorders	1059	417	642	117	215	300	427				
Involuntary	135	28	107	21	82	7	25				
Manic Depressive	167	62	105	44	74	18	31				
Schizophrenic	579	243	336	12	23	231	313				
All other conditions	178	84	94	40	36	44	58				
Psychophysiologic Auto- nomic & Visc. Dis.											
Psychoneurotic Reactions	79	44	35	6	15	38	20				
Personality Disorders	78	57	21	27	15	20	6			10	
Transient Situational Personality Dis.....	10	4	6	3	4	1	1				1
Mental Deficiency with Psychosis	52	14	38	11	32	2	5	1			1

COMMITTED AND VOLUNTARY ADMISSIONS BY SELECTED
MENTAL DISORDER

MENTAL DISORDERS	FIRST ADMISSIONS			READMISSIONS		
	Total	Committed	Voluntary	Total	Committed	Voluntary
TOTAL	1223	1025	198	458	317	141
Acute Brain Syndromes, total.....						
Alcoholic intoxication.....						
All other conditions.....						
Chronic Brain Syndromes, total....	559	492	67	75	52	23
CNS syphilis	3	3		5	3	2
CAS and senile brain disease...	419	403	16	26	20	6
Alcoholic intoxication	105	61	44	27	15	12
All other conditions.....	32	25	7	17	14	3
Psychotic Disorders, total.....	539	457	82	310	230	80
Involutional psychotic reactions	88	63	25	40	23	17
Manic-depressive reactions	52	37	15	61	40	21
Schizophrenic reactions.....	230	206	24	156	128	28
All other conditions.....	169	151	18	53	39	14
Psychoneurotic Reactions.....	53	16	37	27	7	20
Personality Disorders.....	30	20	10	32	17	15
Transient Situational Personality Disturbances.....	1	1		1		1
Mental Deficiency, with Psychosis....	41	39	2	13	11	2
Without Mental Disorder.....						
Mental Disorder, Undiagnosed Psychosis.....						

AGE OF PATIENTS AT TIME OF DEATH

	TOTAL	MEN	WOMEN
Total	594	314	280
Under 15 years			
15—19 years.....	1		1
20—24 years	2	1	1
25—29 years	4	2	2
30—34 years	3		3
35—39 years	6	3	3
40—44 years	18	12	6
45—49 years	27	19	8
50—54 years	33	19	14
55—59 years	61	40	12
60—64 years	65	36	29
65—69 years	107	60	47
70—74 years	103	52	51
75—79 years	91	38	53
80—84 years	73	32	41
85 years and over.....			

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	2660	4	21	50	114	198	192	251	296	333	255	253	219	219	129	78	48
Women	3163	1	16	46	107	165	253	300	314	341	342	334	280	251	199	123	91
Total	5823	5	37	96	221	263	445	551	610	674	597	587	499	470	328	201	139

Size of families in home

2-3	2	1	0
3-4	2	2	0
4-5	2	0	0
5-6	2	0	0
6-7	2	0	0
7-8	2	0	0
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PHOTOMOUNT
PAMPHLET BINDER
—
Manufactured by
GAYLORD BROS. Inc.
Syracuse, N. Y.
Stockton, Calif.

