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

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AERIAL VIEW—NEW JERSEY STATE HOSPITAL AT GREYSTONE PARK

THE
EIGHTY-THIRD ANNUAL REPORT

OF THE

MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE HOSPITAL

AT

GREYSTONE PARK

FOR THE YEAR ENDED JUNE 30TH

1918

THE

EIGHTY-THIRD ANNUAL REPORT

OF THE

MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE HOSPITAL

AT

GREYSTONE PARK

FOR THE YEAR ENDED JUNE 30TH

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

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

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Medical Superintendent and Chief Executive Officer

THEODORE GEBIRTIG, M.D.

Assistant Medical Superintendent

LAURENCE M. COLLINS, M.D.

Clinical Director

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

Clinical Director

JOHN T. NEAL, JR.

Business Manager

HOSPITAL STAFF

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

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

Physicians: Drs. Livio Mocenigo, Myron Dolinsky, Helen Mamantov, **Stanislaus Wojdatt, Elmar Kurzbach, Anton Jurkans, Eugene Hrabarchuk, Jose Navarrete, Joannes Cap, Julian H. Zaborowski, Wolfram R. Roscher, *Valentine E. Jedlikowski, Sing Bea Chang, **Vincent Inceciyan, Friedrich R. Racke, Natalia Woronzuk, Elisabeth C. Willemsen, Bedia Ardali, Cahit Ardali, Włodymyr Zankiw, Romuald E. Klimkiewicz, Lydia Holinaty, Fernando Orioli, Antonina Cap, Telesfor Jankowski, John H. Hirschberg, Paul Valvo.

Resident Psychiatrists: Drs. *Jose Delgado, Hubert Felger, Adam Colonna-Czosnowski, *Alan Godwin, *Lelio N. Passaglia, Ingeborg Nesseler, Felix Venutolo and Harvey Kornblit.

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

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

Director Psychiatric Social Work, Clinic, Mildred H. Hurley; Clinic Psychologist, Dr. Marion R. Hall.

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

*Resigned; **Leave.

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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 its eighty-third report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1958.

We are satisfied that the hospital has been administered in a highly competent manner with activities and accomplishments reflecting high standards of treatment throughout the year. We feel that the personnel situation, which has been a serious problem for many years, has improved, both in quantity and quality so that better therapeutic care can be given our patients. However, this does not mean the problem is solved. The Board of Managers has worked closely with the Medical Superintendent and department heads in order to keep us abreast of our activities and treatment program. The program of treatment with tranquilizing drugs has again exceeded our expectations. Approximately 2,400 patients were receiving the new drugs at the close of the fiscal year. This figure, we believe, approaches the maximum number of patients who can be expected to benefit from this type of therapy. Since our aim is to make the appropriate type of therapy available to every patient, we encourage the management to increase the program as conditions warrant. We shall support an appeal for additional funds to maintain and expand the program, to include new approaches as well as research and experimentation. The opening of the Abell Building permitted the hospital to house approximately 500 selected patients in ideal surroundings, under "open hospital" conditions.

The wholehearted cooperation of President Wescott, Commissioner Tramburg, the individual members of the State Board of Control and the officials of the Department of Institutions and Agencies has been of tremendous assistance to us during the year and we sincerely appreciate this assistance and cooperation.

On July 1, 1957, there were 6529 patients on the records of the

hospital; on June 30, 1958, there were on the books 6262 patients, a decrease of 267 patients—110 men and 157 women. At the close of the year there were 5494 patients resident in the hospital, including 110 on temporary visit and 43 carried on the Family Care Program; 751 were out of the hospital on convalescent leave, and 18 as missing. During the year there were admitted 1700 patients, of which 1106 were first admissions. The discharges numbered 1317 regularly discharged, 526 were recovered, 781 improved, 4 unimproved, and 6 without mental disorder. The deaths numbered 563 and the total under treatment was 8229. The total number transferred to other institutions was 66.

Twelve regular meetings and one special meeting of the Board were held during the year with an attendance of 72; committee meetings and visits numbered 174, which made 246 recorded visits to the hospital by Board members. In addition, there were conferences held off the grounds or outside office hours which were not listed in the official records.

Mr. Abell and Mr. Evans had perfect attendance. Mr. Polow and Mr. Dwyer and Mrs. Everett were absent 2 times. Mr. Moseley attended 7 meetings and Mrs. Johnson attended 6 meetings. President Frank D. Abell, appointed in 1935, requested the State Board of Control and the Governor not to consider him for reappointment and Mr. Frederick S. Moseley, Jr., who has served this Board since 1938, resigned for the reason that he no longer resides in the area served by this hospital. Dr. Leonard A. Scheele was appointed to succeed Mr. Moseley and Mr. Willard M. Hedden was appointed to succeed Mr. Abell.

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

You realize, Commissioner Tramburg, that to fulfill our obligations as members of the Board of Managers we must keep in close contact with the hospital and be well informed as to the needs and the treatment program for the patients. We are well acquainted with the budget requests to be submitted for your consideration and we respectfully solicit your support in obtaining the appropriation of funds sufficient to enable the management of the hospital to maintain and improve our facilities and treatment program which we believe will be a credit to the State of New Jersey and the finest hospital of its kind in the country.

Our fiscal year has closed with the thought that this hospital has brought about many accomplishments and developments during the year and we anticipate our progress to continue during the present year. In closing this report, we express our sincere appreciation to Dr. Crandell and his entire staff for the faithful and efficient service given the hospital during the years.

Respectfully submitted,

BERTRAM POLOW, *President*

SCRIVEN S. EVANS, JR., *Vice-President*

RUTH STILES JOHNSON

MICHAEL A. DWYER

VERA M. EVERETT

LEONARD A. SCHEELE, M. D.

WILLARD M. HEDDEN

Financial Report of Cash Receipts and Disbursements for the Fiscal Year Ended June 30, 1958

RECEIPTS

From:

Atlantic County.....	320.74
Bergen County	776,344.93
Burlington County.....	717.57
Camden County	1,386.21
Cumberland County.....	2,148.29
Essex County	815,238.25
Gloucester County.....	1,501.89
Hudson County	261,877.05
Hunterdon County.....	2,313.45
Mercer County	149.41
Middlesex County	20,710.12
Monmouth County.....	13,780.56
Morris County.....	280,009.37
Ocean County	4,731.44
Passaic County	883,208.35
Salem County.....	1,385.77
Somerset County	6,043.72
Sussex County	54,034.58
Union County	70,454.13
Warren County.....	2,574.36
Non-Indigent Patients	509,265.46
State Contributing Patients.....	49,857.03
Excess Maintenance Collected by Counties	74,761.15
Maintenance Recovery.....	98,668.24
Miscellaneous Receipts	14,133.94
	<hr/>
	\$3,945,616.01

DISBURSEMENTS

Amount of Collections Deposited with State Treasurer.....\$3,945,616.01

Report of the Chief Executive Officer

To The Board of Managers:

I have the honor to present this, the eighty-third annual report of the New Jersey State Hospital at Greystone Park, which covers the fiscal year ending June 30, 1958.

The year has been an active one, with an increase in the number of patients admitted but a decrease in the number of patients in the hospital at the end of the year. Continued vigorous use of the tranquilizing drugs may account, at least in part, for this drop in resident population in the face of increasing admissions. The number carried on convalescent leave has been reduced more than 200. The increase in admissions is in line with the population increase in the area we serve.

There has been some improvement in staffing; there was an increase of 131 employees, almost all in the Nursing Department. Our Clinical Director, Dr. Laurence M. Collins, having reached the statutory age, retired after more than forty years' service on the staff, a loss to the hospital and the State. Dr. William H. Longley, Jr., was appointed Clinical Director and several other staff changes were made. Stanley Liutkus, Ph.D., organized a Department of Psychology early in the year and now operates a busy and important unit of the staff. Mrs. Lucille Boss, Director of Occupational Therapy I, was placed in charge of all activity therapies so that maximum utilization of available facilities and patient time might be achieved. The Business Department was strengthened by the promotion of Richard R. Gessner to the long-needed position of Assistant Business Manager.

With the continuing interest in all forms of active therapy for our patients, there has been a growing interest in the development of patient government and of a more open hospital, along the lines of current British practice. The Superintendent was one of a group of seven New Jersey psychiatrists who visited Great Britain in the closing weeks of this year to learn more of this program. A start in this direction has been the opening of the Abell Building, dedicated by Governor Meyner last December in honor of our retiring President of the Board of Managers, which is operated as a completely open hospital unit.

Health

Preparations were made for the expected epidemic of Asian flu, which fortunately never developed, and the health of the patient population as well as the employees of the hospital continued to be generally good throughout the year. Careful examination is made of all new employees, which includes laboratory tests and also psychiatric screening where indicated. All patients have a thorough physical, mental and laboratory examination on admission. Initial chest x-rays are made on new employees and new patients alike, and the entire population is given a routine x-ray recheck twice yearly. Food handlers are examined at frequent intervals. Federal inspection of food products delivered to the hospital insures our accepting only material of standard quality.

Statistical Resume

General Data: During the year ending June 30, 1958, there were admitted 1,700 patients (817 men and 883 women). This figure is 67 more than last year. The admissions included 1,106 first admissions (569 men and 537 women), 534 readmissions (228 men and 306 women), 44 transfers from other similar hospitals in New Jersey (20 men and 24 women) and 16 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 28 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950). The number of patients discharged, including deaths, was 1,967 (927 men and 1,040 women), making a decrease of 267 patients on the books at the close of the year.

There were under treatment during the year 8,229 patients (3,801 men and 4,428 women), which was 114 less than the preceding year. The maximum census for the year was 6,534, obtained on July 12th, and the highest number actually in the hospital at any one time (including temporary visit and family care) was 5,526 on May 28th. The average daily number in the hospital (including family care) was 5,386.7. At the close of the year there were in the hospital 5,376 patients (2,487 men and 2,889 women), including 43 patients (11 men and 32 women) carried on family care; 861 patients (369 men and 492 women) were carried on convalescent leave or temporary visit and 18 patients, all men, were carried as missing. This is a decrease of 218 patients outside the hospital and a decrease of 49 patients actually in the hospital at the close of the year.

Discharges: The total number of those discharged was 1,317 (609 men and 708 women). Of this number, 526 (264 men and 262 women) were considered to have recovered from their psychoses. This is 47.6 per cent, based on the number of first admissions, which is 3.2 per cent more than last year. A total of 781 (336 men and 445 women) were discharged as improved, or 70.6 per cent, based on the number of first admissions, which is 9.3 per cent more than last year. The manner of discharge of the remaining patients was as follows: 4 unimproved (3 men and 1 woman) and 6 without mental disorder, all men. In addition to those discharged, 66 patients (45 men and 21 women) were transferred to other similar hospitals in New Jersey; also 21 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution. The above figures include 37 men, one of whom died, committed under the Sex Offenders Act (Chapter 207, Laws of 1950).

Deaths: During the year 563 patients died (273 men and 290 women). This is a death rate of 6.84 per cent, based on the number under treatment, and is .78 per cent more than last year.

The average age at death was 1.38 years more than last year, being 72.85 years.

Clinical Department

Dr. Laurence M. Collins retired at the statutory age of seventy after serving the hospital for more than forty years, and as clinical director for more than seventeen years. A Fellow of both the American College of Surgeons and the American Psychiatric Association, he will continue as consultant in forensic psychiatry. We are all happy that we will not lose contact with him; however, we shall miss his daily guidance and friendly counsel.

Dr. William H. Longley, Jr., took over the direction of the medical program on the retirement of Dr. Collins. He joined the staff April 21, 1937, served in the Army during World War II, is presently a Lieutenant Colonel in the Medical Reserve. Appointed senior physician in 1945, he was promoted to assistant clinical director in 1949 and to clinical director September 23, 1957. He is a Diplomate of the American Board of Psychiatry and Neurology. His report follows:

Clinical Director's Report

With a patient load of approximately the same size as last year

and admissions a little higher than the year before we all have had the feeling of hanging on by our teeth as retirement, illness and injuries, resignations and necessary absences hamstrung the staff during the past year. To lose the leadership and experience of the clinical director, three chiefs of service and another senior physician, and two regular staff physicians in one year is a blow that we have felt very deeply during the year and is a coincidence we feel to be extremely unusual in the staff of a single hospital. In the mandatory retirement of Dr. Collins as clinical director the hospital has lost the services of a man qualified in two specialties, a man noted for stability and tolerance, and a man gifted with presence of mind, a wide medico-legal experience and the qualities of true citizenship and warm friendliness. To succeed a man like him is an honor; to replace him is impossible. Referring to the job that lies ahead may I say that it is very helpful to have had the personal experiences of the past several years, but it is very obvious that the extent to which the teamwork and the skills of the rest of the staff may be knit into a working unit will be the measure of our future success.

The deep cut in important manpower forced us into a less aggressive role than we would otherwise have chosen in therapeutic activity. We felt we were engaged in a holding action rather than forcing a breakthrough in the fight for rehabilitation. Outnumbered as we were, we gratefully acknowledged and used the benefits of mass production methods. The ataractics were our mainstay together with a somewhat greater use of ambulatory electric shock than might otherwise have been employed. Increased activity in the use of the team approach closed the gap for us as the nursing ancillary services magnificently helped us to handle the work load. The Nursing Department extended its activities deeply into dynamic therapeutic procedures, fostered and mobilized patient self-government in many areas that had heretofore not felt this technique, and its members outdid themselves in establishing and exploiting the constructive effects of warm human relations with the patients under their care. The Recreational and Occupational Therapy Departments were in the thick of activities, picking up every patient who was ambulatory and able to participate and providing programs for both on and off the ward patient groups. The current of activities was so strong in these mentioned areas alone that it became obvious that this was the year to implement an idea the Superintendent had been considering for some time previously. The position of Coordinator of Ancillary Activi-

ties was established and we found we had a person with just the right combination of patience, tact, perseverance and experience for the job in Mrs. Lucille Boss, who had previously directed the Occupational Therapy Department. Her presence has brought about a concentration of attention on an area that has needed clarification for a long time and which is now being brought under control. It seems to be clear that true coordination of activities is going to be achieved not just by attending to the scheduling of events available for patient participation throughout the hospital, but that it is equally necessary to establish as part of the patient's ward chart a timetable upon which his individual activities can be listed as they are assigned or prescribed. This should eliminate the confusion and conflict that arises when a patient is being sought for two activities simultaneously. Interdepartmental relations would then be safeguarded and the patient would gain a feeling of security from the resulting orderliness of his life.

The problem of geriatric clogging of active treatment areas is being attacked and some gains are being made. With the clearing out of convalescent tuberculous patients from Unit A and large transfers of selected patients from wards 11 and 12 to that building there was some relief felt in the vastly overcrowded Reception Building. Since Unit A is a three-floor building with no dining room on the top floor it is not ideal for a strictly geriatric unit. The patients on the top floor have to be able to come downstairs three times a day for meals without falling. They have to come farther if they are to get outside for a little fresh air and mild exercise, and there is limited level grassy area around the building when they do get down. The temporary housing we had in the new shop building being on one floor was a very satisfactory arrangement for patients of the older age group. The current centralizing of older patients in the Dormitory area with its large, brand new, modern space organization and facilities with plenty of infirmary space if needed is an excellent solution. Integrating the Unit A arrangement into the overall handling of our geriatric problem may work out quite well if there are enough agile oldsters to make efficient use of the space.

In the past year our census stabilized at approximately 5500. There were 49 fewer patients in the hospital at the end of the period than we had at the beginning but the number is sometimes equalled by the admissions of a single week and does not seem significant of any trend. We admitted exactly 1700 patients during the year, 67 more than in the

previous period. Of this number 1106 were first admissions and 534 were readmissions to this hospital. There may be something to learn from the readmission figure which exceeds the previous year by 102 or about 20 per cent. We may get some help from the machine records data when it is completed in Trenton, but at the time of this report the processing has not yet been completed and put in our hands. Our general impressions about the readmitted patients during the year was that they were not unusual or different from preceding years nor did they leave us with the impression that treatment had been inadequate or release precipitous. The men outnumbered the women 569 to 537 among the first admissions while comparable figures for readmitted cases were 228 to 306 with the women more numerous. There were 16 patients admitted from Totowa for special medical or surgical care and the Sex Offender admissions dropped back to their range of 28 received, all men. There were 37 Sex Offenders released last year, about ten more than usual. Of this number there were more than usual who were released at the expiration of their maximum sentence rather than released to parole. This sort of thing happens in waves as we periodically get a number of sex offenders in who are not accessible to therapy for a variety of reasons, followed by a run of admissions in this category who really want help and can be rehabilitated for good citizenship very satisfyingly.

During the year we discharged 1317 patients, of whom 526 were considered to be Recovered and 781 called Improved. In the recovered category the men and women were equally divided but in the improved class women outnumbered the men 4 to 3. These figures are being studied at present to determine if there is a significant relationship between the numbers and distribution of patients released as only improved and the readmission figures. All concerned would gain if the number of readmissions could be beneficially changed by retaining patients an additional week if they are only improved.

The number of patients discharged during the year was increased by 563 deaths, 273 of whom were men and 290 women patients. The geriatric diseases caused the greatest number of deaths, as would be expected, and we had nothing of epidemic nature to deal with. None of the bodies went to Seton Hall this year. There were 147 autopsies performed with family's consent and 16 were county physician cases. This data produced a 27 per cent autopsy rate which fulfills the requirement of the American Medical Association in this respect for recognition and

approval for training. The residents were listed in the laboratory office so they could be called when an autopsy was scheduled, and the Service caring for the patient at the time of death had a representative present who was familiar with the last illness.

The Social Service Department, whose detailed report of activities is presented subsequently, had an active and constructive year. Recruitment produced a working staff about to deal with necessary activities, but the *tour de force* was a systematic weeding out of more than 200 inactive cases from the files and discharging them so that active casework could be carried on with the other remaining cases as needed. This contributed to livening up the work of the department and the morale of the department was further heightened when we started releasing patients from the hospital and the social workers took over on the basis that the case could be closed in two or three months if the situation warranted. This meant the department was no longer automatically saddled with inactive cases just because they were in their first year after release from the hospital. Caseworkers out helping patients are worth more and are happier than those tied up chewing pencils on a desk job. The basis was laid also for making resident psychiatrists in their third year of training active in the handling of this group of former patients by assigning them one day a week to the Well Patient Clinics. Here they gain a needed experience to round out their grasp of the rehabilitation phase of total treatment and are available to help the social workers when needed.

The Psychology Department has been established again on a working, full time basis in the past year and we feel that with organizing activities just about done this group of interested, well trained young men will now be able to settle down with full concentration on their role in patient care. In the past year they have taught, tested, trained and treated with excellent results. Their big problem now is adequate working space and when this is resolved their operations will settle into routine smoothness. They already are a highly regarded unit in the State and can probably make it no contest in future comparisons with other hospitals. Already roughed out are ideas for research which should bring additional luster to the hospital and be beneficial in its clinical application.

The Shock Therapy Service under Dr. Esposito admitted 375 patients to its wards for combined treatment or straight insulin treatment

and supervised the administration of ambulatory electric shock to 900 patients throughout the various other Services. There were 5800 ambulatory ECT treatments given throughout the hospital last year, which shows the marked reduction possible since the general use of ataractics when compared with 16-25,000 in former years. Dr. Esposito took over the operation of ward 17A after Dr. Hicks left on his leave of absence for further study and continued the active program of group therapy, ancillary activities and patient self-government.

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

Staff training has again occupied a large segment of our attention in the past year. The appointment of Dr. Paul Haun as director of training activities in the office of the director of the Division of Mental Health and Hospitals in Trenton has added central office supervision and guidance to these training activities in all the hospitals under I and A control. More and more conformity in training practices is resulting through the Centralized Residency Training Program and methods found to be helpful in one hospital are made known for adaptation and use in the other institutions where possible. In the past year we have established formal affiliations for training with the New Jersey Neuro-Psychiatric Institute for three months experience in child psychiatry in their newly set up Children's Unit for our third year residents and we have also established a formal arrangement with Morristown Memorial Hospital through which our third year residents may attend their medical ward rounds and have an opportunity to study psychosomatic illness and

the psychiatric impact of medical illness on patients. In addition, we are setting up in our own hospital a neurosurgical staff unit, which will not only benefit the patients but will give residents a chance to see neurosurgical cases and follow them through from case finding, through the various diagnostic testings including angiograms and air injection techniques, operation and convalescence. At this time we have not yet heard the final word on third year training approval but our hopes are high. The search for a director of professional training has not yet been successful and the activities are still being carried as part of the clinical director's office. The appointment of a qualified director to take over the duties connected with training is a virtual must in the light of the intensified residency program.

We have just completed a year of change, growing pains, frustration, and hopes. We have learned in some areas and feel that we have not yet been able to give some activities an adequate trial. We look forward hopefully to a year of health and stability for the staff so we can unitedly turn our full efforts to meeting the challenge of mental illness as it affects our patients.

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

Transferred to mental hospitals outside the state	11
Transferred to mental hospitals within the state	66
Transferred to North Jersey Training School	21
Transferred to mental deficiency institutions	2
Transferred to the State Prison at Trenton	2
Transferred to Bordentown	1
Deported	3
Removed by relatives, discharged or died	32

Shock Therapy

Dr. Amedeo Esposito has continued the operation of ward 14 for men and ward 15 for women who require intensive combined therapy, particularly with insulin coma and electroshock. A large percentage of these have been schizophrenics, incapacitated for more than two years. Of the 110 men who completed treatment, 79 per cent left the hospital, and of the 158 women, 73 per cent left on convalescent leave or were discharged. There were no deaths attributable to insulin coma or electroshock on these wards, no major fracture of shoulder, hip or pelvis, and no complaints of back pain; Anectine intravenously is used prior to ECT. Thorazine, Serpasil, Equanil and Trilifon have been used in select-

ed cases; most patients have received intensive tranquilizing medication without sufficient improvement prior to coming to wards 14 and 15. In addition to the 268 patients on whom treatment was completed, 107 others are receiving treatment; 5,592 insulin treatments and 1,784 insulin plus ECT required 2,337,850 units of insulin and resulted in 3,379 comas. Ambulatory electroshock has been given on the various wards throughout the hospital; the number given in the Reception Building is slightly less than last year, while there has been a marked drop in the Main Building. Tranquilizing medication is prescribed for many of the patients leaving the hospital and neglect of this medication frequently results in relapse and subsequent return. Experience indicates that there is still an important role for insulin therapy, particularly in the treatment of schizophrenic patients.

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 reports a total of 11,351 exposures made in the Clinic Building, of which 1,156 were of the mandible and maxillae, and 1,329 of the head. Chest x-rays were done on 1,361 newly admitted patients, 1,866 new applicants for employment and 776 affiliate students, and 425 chest survey rechecks. In addition, 469 gastro-intestinal series were performed.

Dr. Oscar H. Cohen acted as consultant in x-ray therapy, and a total of 132 treatments were given to 10 patients (2 men and 8 women); 19 treatments were given to two women employees, and 158 consultations were made. In addition, 1,264 films were reviewed.

Dr. Albert Abraham, cardiac consultant, reported on 683 electrocardiograms, 364 being normal and 319 showing some abnormality. He reviewed 437 abnormal chest x-rays, completed 259 consultations, and there were 147 heart survey x-rays.

There were 950 electrotherapeutic treatments given, 637 of which were diathermy.

Tuberculosis

Dr. John Ma, senior physician in charge of the Tuberculosis Service, reports that during the year 38 men and 14 women were admitted, 8 men and one woman from Marlboro State Hospital, and 10, all men, from other hospitals; 20 men and 13 women were admitted by transfer

from other wards of our hospital. During the year 76 patients were transferred to other buildings, 9 left on convalescent leave, and 7 were discharged. There were 47 deaths during the year, 32 of which were attributed to cardiovascular disease.

Sixty men and 55 women were considered improved during the year and 18 men and 14 women were considered inactive. The census dropped from 551 to 467 patients, with 78 men and 96 women residing in Pavilion II at the end of the year.

During the last four months of the year 50 patients were carried on Compazine, supplied by Smith, Kline and French, with beneficial results. Anti-tuberculous drugs have been utilized with no incompatibility found between them and the tranquilizing drugs. There were 21,800 doses of PAS and 6,240 doses of Dihydrostreptomycin given, as well as 7,300 doses of Rimifon and 350 doses of Penicillin. Tranquilizers included Thorazine 69,250, Serpasil 23,725, Compazine 24,320 as well as 8,000 doses of various other ataractic drugs; 72,000 doses of other oral medications were given.

There has been a gradual decrease in the number of accidents and in tendencies toward destructive and noisy conduct. The occupational therapy program has interested 45 patients in Pavilion II who were being treated with tranquilizing drugs, and 15 patients in Pavilion I. Recreational therapy has enrolled 370 patients in diversional recreation, indoors and outdoors activities, movies, bingo and musical and social gatherings.

Having their own special kitchen, the Tuberculosis Service has been able to supply special diets as required, special nourishment for all patients, and extra nourishment for all employees working on the Service.

Surgery

Dr. Edward I. Kessler was admitted as a Fellow of the American College of Surgeons during the year. In charge of the Surgical Service during the year he reports that there were 164 surgical procedures, 57 being major operations and 8 open reductions of fractures. Dr. S. Van-Wiemokly, eye consultant, assisted by Dr. S. B. Chang, performed 37 operations, and 22 rectal operations were performed by Dr. M. Hogan. Fractures totaled 161, a large percentage being of the femur. Three transorbital lobotomies were performed. Dr. Stuart Z. Hawkes, F.A.C.S., acted as surgical consultant, making rounds each month to discuss surgical problems.

Joan C. Fenimore, registered nurse anesthetist, reports 169 anesthetics given, 57 local, 54 spinal, 50 general, and 5 intravenous anesthetics.

One boy and three girl babies were born during the year.

Urology and Proctology

Dr. Marshall D. Hogan, consultant in urology and proctology, reports that 15 rectal operations, mostly hemorrhoidectomies, were performed during the year, and 8 urological operations, including 3 supra-pubic cystotomies. Routine rectal examinations were done on 302 men and 342 women as well as 29 proctoscopies and 112 other examinations by consultation. There were 172 catheterizations performed and 114 colonic irrigations given.

Dentistry

Dr. William J. Byatt, senior resident dentist, has been assisted by Dr. Charles Halstead; Mr. Patrick DeNapoly continued as dental technician. During the year there were 3,848 patient visits to the clinic, including 3,466 admission and other examinations, 1,669 treatments, 1,075 fillings and 219 intra-oral x-ray examinations. There were 2,516 extractions of teeth, 30 surgical removals of teeth and 41 alveolectomies. The laboratory processed 263 dentures, including 135 full upper or lower, as well as repairing 226 others.

Chiropody

Frank J. Gasser, D.S.C., reports that a total of 468 patients received a total of 1,896 treatments during the year at the Chiropody Clinic, which functions two mornings a week. Among the conditions treated were ulcerations, contusions, soft corn resections, various fungus conditions, abscesses, diabetic ulcers, infections and some forms of dermatitis.

Pathology and Bacteriology

Dr. Abraham J. Gitlitz, pathologist, has continued the supervision of the laboratories, assisted by Fernando L. Orioli, M.D. With nine laboratory technicians, we have been fortunate this year in having personnel to fill our requirements. The laboratory staff has cooperated with the clinical division of the hospital in controlling the administration of new drugs and has continued to institute new procedures found useful in the care of our patients. Investigative work to determine the activity

of some of the drugs now available for psychiatric treatment has been undertaken.

Urinalyses performed totaled 8,420.

Hematology included 3,685 red cell counts, 4,729 leukocyte counts and 3,826 differential counts. There were 3,807 hemoglobin determinations, and sedimentation rate was determined in 963 cases. Blood typing and Rh factor totaled 1,065 each.

Blood chemistry determinations included 2,113 urea nitrogen, 4,188 blood sugar, 450 cholesterol, and other special determinations in a smaller number.

Immunological tests included 3,991 determinations of both Wassermann and Kline reactions; there were also 168 complete examinations of spinal fluid. Bacteriological tests numbered 207 smears of sputum for tubercle bacillus as well as 86 other bacteriological determinations. There were 453 feces examinations for occult blood and 450 for ova and parasites.

Among other examinations listed were 262 cephalin cholesterol flocculation liver function tests. From the 147 autopsies performed, 3,202 tissue pieces were examined. The total of all tests performed during the year was 45,201.

Staff Matters

Staff assignments have changed somewhat during the past year. Dr. Theodore Gebirtig has continued as assistant superintendent. Dr. Laurence M. Collins retired as clinical director, and was succeeded by Dr. William H. Longley, Jr.

In the Reception Building, Dr. Zigarelli, clinical psychiatrist (diploma), was in charge of the men's admission service until his resignation at the end of the year. He was assisted by Drs. Felger, Navarrete, Venutolo, Zaborowski, Hirschberg and C. Ardali. Dr. Fenimore, clinical psychiatrist, has assisted the clinical director and has directed the women's admission service, assisted by Drs. Hrabarchuk, A. Cap, Holinaty, Kornblit and Valvo. In the Clinic Building, Dr. Kessler, clinical psychiatrist, has been assisted by Dr. Mocenigo on the medical and surgical wards, and Dr. Esposito, clinical psychiatrist, has had the assistance of Drs. Klimkiewicz and Racke. Dr. Donovan, clinical psychiatrist, has been responsible for employees' health, assisted by Dr. Willemsen. Dr. Mettler, senior physician, has been responsible for neurology; Dr. Chang, for eye,

ear, nose and throat work. In the Main Building, Dr. Harquail, clinical psychiatrist, has given supervision to the entire building, with Dr. Pustroem, senior physician, assisted by Drs. Nesseler, Woronczuk and Zankiw on the women's wards, and Dr. Snyder, senior physician, assisted by Drs. Dolinsky, J. Cap and Kurzbach on the men's wards. In the Dormitory Building, Dr. Anderson, clinical psychiatrist, has directed the service which cares for the greatest number of elderly patients. She was seriously ill for many months following an auto accident and had not returned to duty at the end of the year. During her absence Dr. Colonna, assisted by Drs. Roscher and Jankowski, staffed the service. In the Tuberculosis Building, Dr. Ma, senior physician, has had the assistance of Drs. Mamantov, Jurkans and B. Ardali.

Dr. Crandell represented the hospital at the Ninth Mental Hospital Institute of the American Psychiatric Association in Cleveland. As a member of the A.P.A. Committee on Rehabilitation he attended the joint committee and section meetings of the American Psychiatric Association in Washington last fall, as well as the annual meeting held in the spring in San Francisco; there, in addition to serving as hospital representative, he was the delegate of the New Jersey District Branch and represented Area One attending the Assembly and was also active on the Committee on Rehabilitation. He continued as a member of the Sub-committee on Mental Health of the Medical Society of New Jersey and as a delegate to that society from the Morris County Medical Society. He lectured to the staff and to outside organizations, and appeared on radio and TV programs in the interest of mental health. He maintained an active interest in many professional and civic organizations in which he holds membership. Of recent note was his participation in the tour of the "open" mental hospitals of Great Britain for the State of New Jersey under a grant from the Milbank Memorial Fund.

Dr. Gebirtig attended the annual meeting of the American Psychiatric Association in San Francisco, served on the Mental Hygiene Committee of the county medical society and spoke to various groups, both in and outside the hospital. Drs. Longley and Fenimore served on the same committee. In addition, Dr. Longley discussed the treatment of the sex offenders at this hospital at the Annual Institute at Lyons V. A. Hospital and at a meeting of the Group Therapy Association. Dr. Melvin was appointed chairman of the Tuberculosis Committee of the Morris County Medical Society. In addition to courses sponsored by the Department,

Drs. Nesseler, Kornblit and Venutolo took part in a course at the American Institute for Psychoanalysis; a course in medical hypnosis given by Seton Hall Medical School was attended by Drs. Racke, Zankiw, Woronczuk, Nesseler, Kornblit, Venutolo, Kurzbach and Liutkus. Dr. Abraham, consultant in cardiology, was elected president of the Morris County Medical Society.

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

Resident Training

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

Under the direct supervision of Dr. William H. Longley, clinical director, assisted by Dr. Frank D. Fenimore, clinical psychiatrist, 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 conferences have been conducted by the 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 V. A. facility at Lyons by lecturers from Temple, Jefferson, New York University and Columbia. Well received by the residents who attended, diplomas were awarded to those completing the series.

Plans have been completed for several interns 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. Residents in training from the Veterans Administration Hospitals in East Orange and Lyons have been accepted here for periods of from two to six months for training in psychiatry of women, and affiliations have been set up where our residents will go to the Children's Unit of the New Jersey Neuro-Psychiatric Institute for three months affiliation in child psychiatry and will have an opportunity to get experience in psychosomatic illness in the Morristown Memorial Hospital.

Appointments and Resignations

Physicians Appointed

Bedia Ardali, M.D.	July 1, 1957
Cahit Ardali, M.D.	July 1, 1957
Felix Venutolo, M.D.	July 1, 1957
Wolodymyr Zankiw, M.D.	July 1, 1957
Romuald E. Klimkiewicz, M.D.	September 30, 1957
Lydia Holinaty, M.D.	November 4, 1957
Fernando Orioli, M.D.	December 5, 1957
Antonina Cap, M.D.	February 3, 1958
Telesfor Jankowski, M.D.	February 3, 1958
John H. Hirschberg, M.D.	March 27, 1958
Paul D. Valvo, M.D.	June 9, 1958

Physicians Resigned

Jose Delgado, M.D.	September 11, 1957
Alan Godwin, M.D.	November 10, 1957
Lelio N. Passaglia, M.D.	November 29, 1957
Alfred M. Hicks, M.D.	March 31, 1958
Valentine E. Jedlikowski, M.D.	May 16, 1958
Joseph F. Zigarelli, M.D.	June 28, 1958
Felix Venutolo, M.D.	June 30, 1958

Physicians Retired

Laurence M. Collins, M.D.	November 28, 1957
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Physicians Promoted

William H. Longley, Jr., M.D., Clinical Director	September 23, 1957
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Physicians on Leave of Absence

Stanislaw Wojdatt, M.D. (Education)	December 28, 1957
Vincent Inceciyan, M.D. (Military)	January 2, 1958

Other Staff Appointments

The Rev. Carl E. Nelson, Chaplain	July 1, 1957
Stanley Liutkus, Ph.D., Psychologist	July 29, 1957
Lawrence Mundy, M.D., Clinic Psychiatrist	August 28, 1957
Arnold Davidson, M.D., Clinic Psychiatrist	November 1, 1957
T. Heyward Smith, M.D., Clinic Psychiatrist	November 6, 1957

Health Service for Employees

Dr. Joseph Donovan, who has completed thirty-four years on the staff of the hospital, was in poor health during part of the year. He 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 2,128 physical examinations of new applicants and 12,278 physical rechecks and treatments. There were 349 admissions to the employees' ward, 348 discharges and no deaths. There were 171 injections of Asian flu vaccine and 38 injections of Salk vaccine administered. The usual range of illnesses was treated, the greatest number being in the upper respiratory category.

Nursing

The administration of nursing education and nursing service continued under the supervision of Laetitia M. Roe, R.N., B.S., director of nursing. At the close of the year, the professional staff was composed of 90 nurses, which included the director, 2 assistant directors, 5 instructors (under title of supervisor), 23 supervisors, 23 head nurses, 20 graduate staff nurses and 16 part-time nurses. In the sub-professional group there were 943 psychiatric aides, which included 96 psychiatric technicians, 197 charge attendants, 622 attendants and 28 part-time workers. In addition, there were 51 affiliate student nurses and 28 technician trainees. In direct care of patients, the ratio was one nurse to every 39 patients and one sub-professional employee to every 5.7 patients.

Part-time and overtime was allowed for men employees and for nurses. Although recruitment improved, the shortage of men remained a problem. Absenteeism was a major concern and the most frequent disciplinary action was taken in regard to this. In the Tuberculosis Service there was a loss of 2,526 working days, 1,479 on the day shift, 422 on the evening shift and 625 on the night shift.

The Graduate Nurse Program: The in-service program was discontinued because of lack of teaching staff. One assistant director of nursing education resigned in September and the assistant director of nursing service retired in July; both positions were not filled. An instructor was absent on maternity leave. It was felt that the absence of this program had a negative effect on nurse recruitment and on retaining nurses. There were 7 nurses recruited from the affiliate group. Of the 36 graduate nurses who completed the affiliate course, 11 remained on the staff. In the March survey there were 76 nurses with New Jersey licenses and 15 with license pending examination results. Membership in the New Jersey State Nurses' Association was maintained by 35 nurses and by 30 nurses in the New Jersey League for Nursing.

The regular supervisors' meetings were held twice monthly. Members of the staff participated in committees of the New Jersey State Nurses' Association and the League for Nursing. Miss Roe attended the monthly meetings of the nurse directors held at the various state hospitals. Miss Roe and Miss Larkin attended the biennial convention of the American Nurses' Association in Atlantic City, in June, where Miss Roe was moderator for a panel discussion of the new teaching film, *Psychiatric Nursing: The Nurse-Patient Relationship*. This movie, which was sponsored by the National League for Nursing and the American Nurses' Association, and financed by Smith, Kline & French Laboratories Mental Health Unit, was made at Greystone Park in February. Miss Roe, as a member of the advisory committee and in the role of technical advisor, assisted in the production of this moving picture. Mrs. Koch participated in projects planned by the operating room nurses' section of the state association and served as chairman of the civil service committee for this group. Several nurses attended the various institutes and program meetings during the year. Miss Beach attended the monthly meetings of the Committee on Revision of Curriculum in the Psychiatric Technician Program which were held at the different State Hospitals.

The Affiliate School of Nursing: In this fiscal year, 422 student nurses from 15 schools were enrolled in the twelve-week program and 416 completed the course. Of the 6 students who did not complete the work, 4 resigned to marry and 2 were terminated at the request of the home school. Rutgers University School of Nursing sent 19 undergraduate students in September and 7 in January. There were 9 graduate fellows who began in September. Seton Hall University School of Nursing sent

10 undergraduate students in February and March. Both collegiate schools maintained their own instructors. An Exchange-Visitor Program, providing for the affiliation, was established in November and 2 nurses from the Philippines were accepted and reported in April.

The clinical rotation plan was changed to one week in occupational therapy, 2 weeks in an admission ward, 2 weeks on a medical-surgical ward, with 7 weeks on a base ward. The total of base wards was reduced from 7 to 5 clinical practice areas. Holidays were scheduled for one a month and to fall on the major holidays. Time was adjusted so that students would complete the course on the last Friday of the twelfth week rather than on the following Monday. In the nurses' and affiliate residence, 7 housemothers were assigned under the direct supervision of the nursing department. The annual interagency meeting was held in May. Through June, July and August of 1958 and 1959 only one group of students will be accepted, which means an enrollment of less than half the number of students during the summer months. It is anticipated that in 1960 there will not be any students during these months and the affiliation will be planned on a semester basis. Miss Larkin attended the meetings at the Jersey City Medical Center and Hackensack Hospital during the accreditation survey of these schools of nursing by the National League for Nursing Accreditation and Evaluation Service. Miss Roe represented the faculty at Somerset Hospital. The medical staff and other department members participated in the teaching program. The Greystone Park Association served tea to the new students and faculty throughout the year.

The Psychiatric Technician Training Program: Of the 60 trainees enrolled, 11 graduated, 22 failed or resigned and 27 remained in training. Graduation exercises were held in May. Psychiatric, medical and social films were shown twice weekly throughout the year and all nursing personnel and other departments were invited to attend. The psychology course was attended by 22 psychiatric technicians. Mr. Paul Findley received the award as psychiatric aide of the year from the New Jersey Association for Mental Health.

The Attendant Training Program: There were 983 employees enrolled in the initial orientation and 760 interviews with new attendants during the first month of employment. In the extended training course, 197 attendants were enrolled and 137 received certificates. Attendants have been included in the technician ward classes on care of the elderly patients and care of patients with tuberculosis.

In November, training wards in each of the buildings were established. After one week of orientation to the hospital and hospital policies, attendants are assigned to one of the major areas. Each building has a written program and scheduled hours for clinical classes for a month of supervised demonstration and practice. At the end of this period they are assigned to various wards and shifts in the same building. This plan of training and assignment has been a definite help in improving morale.

A committee on sub-professional psychiatric nursing training met weekly to evaluate and to recommend revisions in the technician and attendant programs. Miss Edith Beach, who is in charge of sub-professional education, made a detailed report of the committee's curriculum planning and recommendations. In general, the suggested plan allows for a new attendant to progress through four levels of training and at the end of the year to finish as a psychiatric technician. The plan would eliminate repetitious learning experiences and would permit the learner to pass from one learning level to the next without interruption.

The Morris Hills High School and Overlook Hospital at Summit began negotiations for a practical nurse affiliation in psychiatric nursing.

Nursing Service: The housekeeping project was begun in January by setting up a standard of household supplies for each building and developing a bi-weekly and monthly order and delivery system through the nursing office. In May, the Tuberculosis Service began organization of a housekeeping unit separate from nursing duties.

Main Building North and South continued the program in Patient Government and in June the Abell Building organized the activity there. Main Building South developed a plan and procedure to have an "Open Door Ward." In the Main Building North, Ward 56 was used to establish a procedure in an activities program which would use all the therapeutic divisions available in the hospital. In nursing administration, the Dormitory Building was divided into two services; the main Dormitory Building became Dormitory I, and the Abell Building, Unit A and Unit B were designated Dormitory II.

The greatest hindrance to maintaining any good nursing program in the Main Building has been the lack of sufficient water pressure to bathe patients on the third and fourth floors. It has been necessary to take the patients from these upper floors to the first floor for washing. Household cleaning and maintenance of a hygienic condition in the toilets has been impossible. This function takes so much time it crowds

other more constructive activities the nurses might develop for psychiatric patients.

The most constant complaint in the working areas relates to the lack of any proper facility, such as lockers and locker rooms, where employees could change and safely leave their clothes and belongings.

Religious Services

The religious services to our patients and employees have been provided during the past year by three chaplains, Father John J. White, who heads the program for those of the Catholic religion, the Reverend George R. Tolson, in charge of the Protestant program, and the Reverend Carl E. Nelson, Episcopal chaplain. Local congregations have provided services for those of the Jewish faith, particularly on high holy days. Christian Science services are held each Wednesday afternoon.

Father White, assisted at times by the staff at St. Virgil's parish in Morris Plains, has provided three Catholic services each Sunday morning, a 7:00 o'clock mass for employees and a service at 8:15 and 8:45 for patients. His reports show that attendance at the masses for patients averages about 200, and at the masses for employees about 50 at each service. In addition, the Sacrament of Extreme Unction was administered to 40 to 50 monthly; about 30 visits were made to patients on the wards each month; many conferences were held with relatives and employees; and from 200 to 250 confessions of patients were heard in the chapel each month. Included in the duties of the Catholic chaplain were the issuance of twenty burial permits in an average month and the burial services of some indigent patients. Additional religious devotions were scheduled for the Chapel of Our Lady, Health of the Sick, including the full liturgy of Holy Week.

Chaplain Tolson continued the supervision of the clinical pastoral education and, with the assistance of student chaplains, made some two thousand calls on patients throughout the institution, held 52 Sunday morning services of Divine worship including 6 Communion services, and spent more than 120 hours in conference with students in seminars and lectures. The patient choir has continued to be a feature of the Protestant services. Sixty conferences were held with relatives and pastors of patients; in addition, Mr. Tolson has assisted in welcoming and conducting through the hospital some 150 individuals, frequently in co-operation with members of the Greystone Park Association.

Both chaplains were active throughout the year in attending numerous professional conferences and meetings and have also devoted much time lecturing to various groups. Father White had a trip to Europe in June.

Social Service

Herman Carter, M.S.W., director of social service, reports a year of new growth, productivity and optimism. He has had a professional staff of 9 social workers, including 2 summer employees, and a clerical staff of 7, including 2 seasonal assistants.

During the year 994 patients were released on convalescent leave, and 804 patients discharged from convalescent leave. A total of 7,307 interviews were made, 2,756 in the hospital and 4,551 in the community. There were 608 histories obtained in the office, requiring interviews with 768 persons, and 578 histories were obtained by questionnaire. Interviews with relatives of patients prior to home visit numbered 139 and, in addition, 27 special home investigations were made.

During the year sixty patients received family care supervision and 43 were on this status at the end of the year. Work with patients in the hospital has been greatly increased, more than three hundred referrals from doctors having been received.

Psychology

Stanley Liutkus, Ph.D., was added to the staff of the hospital early in the year to inaugurate a program utilizing the skills of the psychological discipline. He is assisted by Jack J. Finkelman, M.A., and Russell A. Bent, M.A.

The department has tested 543 patients, utilizing a total of 1,538 tests. An attempt has been made to test new admissions with group screening devices and to provide extensive dynamic reports on an individual basis. The department has assisted with lectures on psychology to psychiatric attendants and to affiliate nurses; department members were active in the seminar on psychotherapy and in demonstrating interviewing techniques to residents.

Dr. Liutkus is studying screening procedures in terms of evaluation of the 16 Personality Factor Test, and other study of a research nature is contemplated. Proper office space for the expanding department is still a problem of considerable magnitude.

Activity Therapies

Mrs. Lucille Boss, M. A., was placed in charge of the various activity therapy programs of the hospital during the year. She has been assisted by Fred E. Odhner, director of occupational therapy, Dorothy Johnson, supervisor of recreational therapy, and Flora Bel Dayton, senior librarian. Mrs. Boss is correlating all therapeutic activities for patients centered around their individual and group needs, utilizing a team approach. She directs supervisory personnel responsible for occupational therapy, recreation, music, library, pre-industrial and industrial assignments and volunteer services.

A result of her efforts has been the formation of activity therapy teams, pilot projects being operated on a continued treatment service with men patients (ward 56) and on a reception service with women (ward 5). Included in the team are doctors, nurses, occupational therapists and library personnel. Both total ward group and individual patient needs have been considered with increased off-the-ward activity encouraged as patients show progress. Patients have been encouraged to develop their own news bulletins; a fashion show was presented as a coordinated effort of the occupational and recreational workers with the assistance of volunteers. A music therapist organized a glee club and an orchestra. Two additional librarians were added to the service and pre-vocational planning in cooperation with social service was begun.

Greystone Park is an accredited clinical training center for occupational therapy students. Intensive in-service training is also operated as well as lectures and demonstrations to student nurses, chaplain interns, psychiatric technicians and other staff members. Mr. Odhner was assisted by 5 professionally trained, registered occupational therapists, 36 additional regular employees, 7 summer assistants and 18 volunteers assisting on a scheduled basis. About one thousand patients are engaged in the activities of the department and, as a by-product, 58,500 finished articles were produced, 42,000 being for general hospital use, 11,000 for the salesrooms, and 5,500 were purchased at cost by the patients who made them.

The Print Shop, under Thomas Beresford, foreman, continued the production of the monthly magazine, THE PSYCHOGRAM, and did considerable printing and binding for the hospital. The report shows 2,700,000 printing impressions, 15,000 binding operations, 8,000,000 ruling impres-

sions, and 670,000 requiring punching, perforating, folding and collating.

Mrs. Johnson has supervised 5 recreational assistants and 5 recreational aides. The physical fitness classes have had a daily attendance of 145 women and 105 men; the afternoon re-socializing activities have been continued with satisfying participation by many patients. Diversional activities and sports, picnics, dances and movies have had a total attendance of 45,476 women and 43,963 men. The new Abell auditorium has made possible a busy movie schedule with 30,000 in attendance during the year, supplemented by 16 mm. movies shown on the wards with 27,000 viewers.

Mrs. Dayton, senior librarian, was able to assign a fulltime librarian to the Main Building and one to the Dormitory service. New book shelves were installed in the Abell Building day rooms, which were kept supplied with books and magazines. Many new books were obtained, including 100 published and donated by Silver Burdett and Harcourt Brace. Inventory files of the various libraries were brought up to date. Along with the increasing number of patients receiving the tranquilizing drugs has appeared an increasing number of patients visiting the libraries.

Mrs. Dayton reports 1700 books were added to the libraries and that 172,555 items including pocket books, magazines and puzzles, were distributed. There was a total of approximately 12,500 volumes on the shelves of the library.

Greystone Park Association

Mrs. John J. Bond, president of the Association during the past year, reports on the tenth year of service of the Association to the hospital. The organization has continued active in its educational work, bringing news of the hospital to many organizations in the community and serving as a channel for community interest in the hospital. The president and members of the executive committee attended many meetings, conferences, workshops and other functions to carry out the aims of the organization. The public relations activities have included conducted tours through the hospital, furnishing speakers for meetings of other organizations, publishing a newsletter and furnishing information to newspapers and other publications. Outstanding was the mental health career workshops with over 100 in attendance at Greystone Park, one for Bergen and Passaic Counties at Teaneck with more than 75 present, and one for Essex County at Upsala College with over 50 in

attendance. The Speakers Bureau was responsible for 39 talks given before various organizations, 14 accompanied by Kodachrome slides and ten by a display of projects for the hospital. More than thirty groups were given conducted tours at Greystone Park.

The October Bazaar raised more than \$1200 for the Association. Christmas activities included preparing 5500 plastic utility bags, each containing five toilet articles, and supplying over 500 cartons of cigarettes and many other generous gifts of members, friends and organizations. More than five thousand pounds of nylons were collected, resulting in six 24-inch TV sets, four being placed in the new Abell Building.

Many parties were arranged for patients on the wards, including 26 by Red Cross units. Teas have been served for the incoming affiliate nurse groups as well as for the quarterly Association meetings. The supply room distributed 21,894 items, including clothing for women and men, cosmetics and toilet articles and jewelry. Production of members for hospital use included 117 window curtains, 712 bed jackets, 1249 pairs of slippers and 268 johnny shirts. Among the items purchased for the hospital were a mimeograph machine for the nursing department, 2 hi-fi sets, 24 card tables and almost a thousand dollars worth of band instruments for music therapy.

The subsidiary organizations, known as Twigs, now number twelve with a membership of 140. They have supplied almost 8000 candy favors, 12,000 mounted puzzles, 800 scrapbooks, 200 packs of cards, 800 bingo prizes, and 1000 gifts at Christmas. They also secured new furnishings for the Clinic library at a cost of \$270.

Volunteers gave 2675 hours in occupational therapy, 459 hours in the libraries and 1500 hours in the supply room.

The officers and members of the Greystone Park Association have been of inestimable value in their efforts to bring the community to the hospital and the hospital to the community.

Pharmacy

The pharmacy continued under the direction of John V. Callery, R. P., who, in addition to supervising the filling of prescriptions, is responsible for the ordering of all drugs, nursing supplies, medical instruments and equipment necessary in conducting the hospital, and the maintenance of records and reports. A total of 4503 units were prepared in the Fenwal sterile solution division. A marked increase in the

use of tranquilizing drugs has been noted. Mr. Callery reports that tranquilizing drugs, valued at \$120,000, have been dispensed. The pharmacy has continued to manufacture many medical preparations in various forms too numerous to list. A total of 43,337 individual prescriptions and 12,150 ward orders were filled during the year.

Physical Therapy

Wilbur T. Riker, R. P. T., has served as senior physical therapist, assisted by Augusta Radtke, R. P. T. on the women's service. A total of 5260 treatments were given to 563 men, and 3654 to 442 women 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 244,000 shaves and 24,000 haircuts were given to the men, while the women received 38,221 treatments, including haircuts, shampoos, permanent waves, fingerwaves and facials.

Identification

Leo J. Boulris, identification officer, was responsible for photographing patients on admission for identification and on discharge from the hospital for comparison, as well as fingerprinting all new patients and employees. During the year 1438 admission photographs (682 men and 756 women) were taken, and 1324 discharge photographs (506 men and 618 women) were processed. There were 1235 sets of fingerprints made during the year of patients and 1515 of employees.

Medical Records

Joseph Brown, R. R. L., has continued in charge of the medical record office where the clinical records of all patients who have been in this hospital are maintained. He has also been responsible for the preparation of accurate statistics, and the tables found at the close of this report, made under his direction, give much valuable information concerning the changing aspects of mental illness.

The microfilming of discharge records has continued; 1317 cases were processed during the year. The discharge records on film now number 35,637 and include all discharges up to May 31, 1943.

Mental Hygiene Clinics

Miss Mildred H. Hurley continued as director of clinic social service. Marion Hall, Ph. D., has served throughout the year as psychologist. Clinical psychiatrists of the hospital staff lent assistance in diagnostic and treatment procedures and community psychiatrists functioned on a part-time basis, including Laurence Mundy, M. D., Arnold Davidson, M. D., and Thomas H. Smith, M. D.

Despite staff shortages the professional standards in the clinics have been maintained. Members participated in training programs for affiliate nurses, psychiatric technician trainees and pastoral trainees. With 221 open cases at the beginning of the year, 198 were added and 142 closed, leaving 277 at year's end.

A total of 186 clinic sessions were held, 94 being at the clinic offices at this hospital.

Business Department

All operations of the hospital not directly clinical in nature are under the supervision of Mr. John T. Neal, Jr., business manager. His devotion to duty and pleasing personality have made it a pleasure to work with him. He has done an excellent job in coordinating such diverse activities as financial accounting, engineering and maintenance, food service, laundry and linen control, and fire and police activities. His summary of these operations is presented below.

Business Office

The activities of the business office continued under the direct supervision of Mr. George Zelenak, senior accountant, assisted by Mr. Thomas Adubato, head clerk, and under the general supervision of the business manager.

During the year the position of assistant business manager was established and Richard R. Gessner, food service supervisor grade I, was appointed to fill this position subject to Civil Service certification.

The above employees were largely responsible for the preparation of the annual budget assisted by department heads and their employees, and are to be complimented for the excellent preparation.

Mr. Zelenak reports that collections for the fiscal year 1957-58 were \$3,945,616.01 as compared with \$3,677,457.02 collected in fiscal year 1956-57, a new high for collections and \$545,616.01 above budget estimate.

Institutional Adjustor

On September 27, 1957, George R. Bonscher resigned as institutional adjustor to assume a position with the Department of Motor Vehicles, Trenton, and Alan T. Lavery, cashier, was promoted to the position. His annual report indicates the excellent work he and his department are doing and we quote from his report as follows:

During the course of the past fiscal year, the office of the institutional adjustor continued in its duties pertaining to the collection of maintenance accounts, filing of liens, processing of hospital insurance and Social Security claims, and related duties.

A close working relationship was maintained with all county adjustors served by this hospital by regular weekly visits at which conferences were held with regard to rates, liens and court orders. There were 159 such visits made during the year, with 109 personal calls to families, 255 liens were filed, 299 court orders processed and 9,740 claim forms. There was \$47,821.89 collected from Blue Cross, etc., \$139,729.39 from Social Security and \$42,462.51 recovered from undisclosed assets.

Personnel

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

The year ended with the highest enrollment that has ever been recorded for the last day of the fiscal year, 1,955 employees. During the year 1,495 applicants were hired, not only replacing the 1,364 employees who terminated their services but also increasing the total employees enrolled by 131.

The personnel department gave initial interviews to 5,623 applicants for an average of more than 20 interviews per working day. The yearly percentage of turnovers was 69.7. Regardless of how favorable the labor market may be, the skills needed by the hospital are so varied that a continuing program of recruitment is necessary to obtain applicants. The most important and effective medium was newspaper advertising, which was carried on almost daily with 222 separate ads placed in 16 different papers.

Police

Our police department continued under the excellent supervision of our chief security officer, Sgt. P. P. O'Reilly of the New Jersey State

Police. The department consists of 3 head patrolmen and 16 institutional patrolmen. Police radio patrols are maintained on a 24-hour basis with the officer on desk duty acting as radio dispatcher.

Activities were as follows: Crimes investigated, 14; other complaints investigated, 429; disorderly person complaints investigated, 15; motor vehicle arrests, 258; motor vehicle accidents, 23; other arrests, 19; cooperation with hospital departments, 360; cooperation with outside enforcement agents, 291; miles covered by police car, 57,754; patients missing as of June 30, 1957, 21; patients reported missing during the year, 159; missing patients apprehended by Greystone Park Police Department, 91; missing patients returned or discharged, 71; patients missing as of June 30, 1958, 18.

The above statistics indicate that our police department takes a very active part in the operation of our hospital.

Fire Prevention

The Fire Department continued under the direct supervision of Chief Charles H. Acker, with two assistant institutional fire chiefs, Frank Y. Neer and Paul Horning, and 3 uniformed firemen drivers, Robert K. Wright, Thomas Reardon and Joseph Brockman, and 50 employees serving at their pleasure constituting a volunteer brigade.

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

Our water supply (mains and hydrants) is in general fairly adequate for minor fires but would tax the system for involved fires requiring heavy duty multiple engine streams. Some improvement was made when a loop was completed between Reception Building and Central Avenue pipe line.

Routine fire inspections were made throughout the year.

Semi-monthly fire drills were conducted for volunteer officers and firemen.

Weekly fire orientation lectures and demonstrations were conducted at fire headquarters for all new employees.

During the year there were 43 fire calls received with a loss to state property of \$157.65. In addition, 10 calls for resuscitator or rescue were answered.

A noticeable reduction of fire calls is indicated for the past two years. We believe the greater use of drug therapy plus increased fire inspections account for this gratifying reduction.

We believe Chief Acker, his paid staff and the loyal employee volunteers are to be highly commended on their faithful and efficient operation of this department.

Garage

Our main garage continued under the supervision of William Walton, Jr., who is responsible for the maintenance and operation of all our state units, including cars operated by the hospital social service department and northern New Jersey mental hygiene clinic. Our garage also services cars for the child welfare and probation departments. Our farm trucks, tractors and heavy equipment are serviced and repaired in our greenhouse garage under the supervision of Britton Koch.

Laundry

The laundry department continued under the supervision of Floyd Evans. The laundry processed 5,984,269 pounds of clothing.

During the year we assigned some court-committed patients to work in the laundry. As these patients become more proficient we expect to augment the laundry program.

Building Maintenance

Our building maintenance supervisor, Graham B. Tunis, has been most cooperative and efficient. One of the most outstanding accomplishments of his department was the erecting and installing of all the cabinets, beds, mattresses and other furniture in the newly completed Abell Building.

The bed repair shop continued to function throughout the year under the direct supervision of Anthony Gangemi. The following comprise the principal operations: Bed springs repaired and repainted, 2431; bed ends repainted, 2674; renovated beds changes on wards, 3015. A total of 321 new and repainted beds were changed in the various employee quarters.

In addition to the above a constant flow of repaired and newly acquired furniture was transported throughout the hospital.

Replacement of clothing, linen supplies and equipment was controlled through our condemning system. Annual inventories were com-

pleted by this department throughout the hospital with the cooperation of all services.

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

The central linen rooms remained under the direct supervision of Mrs. Gertrude Carr and linen supplies were handled through the three major central linen rooms located in the Main Building, Clinic Building and Dormitory Building in a very efficient manner.

Mr. William T. Barry, foreman upholsterer, continued to supervise the manufacture and repairs of mattresses, pillows and miscellaneous upholstery work; and, in addition, repairs all shoes, and repairs and installs all flooring throughout the institution.

The main items completed were as follows: Mattresses made over, 901; pillows made over, 1101; linoleum or rubber tile installed, 1254 square feet; shoes repaired, 2035 pairs; grand total of all jobs, 11,569.

Mr. Frank DiPrimo continued to supervise the tailor shop.

Food Service

The food service department was under the direct supervision of Richard R. Gessner until January 1, 1958, when he was promoted to the position of assistant business manager. On that date John W. Evans was appointed acting food service supervisor grade I, pending final certification by Civil Service. Other key personnel are as follows: Alvin H. Washington, assistant food service supervisor grade I, food service office and Main Building kitchen, Main Building North and South dining areas; Jean A. Epstein, senior administrative dietitian; Carl F. Neuman, senior dietitian in charge of Abell and Dormitory kitchens and dining rooms; Rosa H. Allen, senior dietitian in charge of employees cafeteria, nurses and doctors kitchen and dining room; Georgianna Godwin, dietitian in charge of T. B. kitchen and Pavilions I and II dining rooms; Ruth G. Carpenter, dietitian in charge of Clinic Building special diet kitchen; William F. Taylor, head cook grade I, in charge of employees cafeteria kitchen; Harry Pengilly, head cook grade I, in charge of Dormitory kitchen; Harry Warner, head cook grade I, in charge of Main kitchen; Chauncey Evans, head cook grade II, in charge of T. B. kitchen; Josephine Bond, head cook grade III, in charge of Abell kitchen; John Black, head cook grade III, in charge of nurses kitchen; and Laura Stull, head cook grade III, in charge of Clinic Building diet kitchen.

The new Abell kitchen was placed in service October 21, 1957. As the patients supplied by this kitchen are all working patients they are fed a modified regular patients menu. Facilities permit serving extra items such as pancakes, french toast, etc.

The butcher shop continued under the direct supervision of William Bossert, head butcher, and the following meats were processed: 692,388 pounds from outside vendors; 178,428 pounds of hospital-produced beef, pork and chicken; making a total of 870,816 pounds.

The bakery continued under the direction of Otto Schumacher, head baker, who reports the following output: 622,870 loaves of bread, 10,780 dozen rolls, 25,488 cakes, 27,482 coffee cakes, and 512,400 doughnuts.

This institution was very fortunate this year in obtaining the following commodities through the Federal Surplus Commodity Program: Powdered milk, 59,616 pounds; eggs, 3030 dozen; butter, 111,236 pounds; lard, 9720 pounds; process cheese, 50,790 pounds; cheddar cheese, 16,605 pounds; whole wheat flour, 33,100 pounds; cornmeal, 7,500 pounds; all-purpose flour, 618,000 pounds; rice, 28,100 pounds; pea beans, 3600 pounds.

Sanitarian

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

Farm

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

John Zeis continued as head gardener. Kenneth Hoagland continued as head farmer. Farm production was valued at \$14,285.06 as compared with \$19,844.68 last year.

Hugh McLellan, head dairyman, reports a herd census of 420 animals. During the year, 1,230,659 quarts of milk were produced which, together with other produce, had a total value of \$164,846.29 as compared with \$145,835.10 last year. During the year a pipe line milker was installed in the north barn.

Our piggery, under Howard Hoffman, produced 138,077 pounds of

pork and the total value of products was \$41,795.10 as compared with \$38,407.20 last year. Piggery census is 430 animals.

Our poultry plant continued under the supervision of Alfred Garretson. Products were valued at \$19,598.57 as compared with \$19,951.31 last year. Included in this are 37,074 dozen eggs and 10,838 pounds of fowl. Hennery census stands at 4,394.

The grand total of produce from dairy, farm, piggery and poultry was \$240,525.02 as compared with \$224,038.29 last year.

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

The sawmill produced 13,652 board feet of oak and 901 board feet of whitewood, total value \$2,892.58 as compared with \$2,864.56 last year.

There was no production at our cinder block plant during the year; 5,096 blocks valued at \$801.40 were used for various projects; at present there are 17,005 blocks available for institution use.

Gus Salvesen, in charge of all trucking and hauling projects, reports our long-distance hauling trucks made 344 trips, total mileage 30,242. During the year 10,072 yards of ashes were donated to road departments of adjacent towns; 3,965 yards of ashes and 297 yards of carbon were used by our institution. Matthew Casey continues the conditioning of our railroad tracks, and Michael Darby is responsible for the unloading of coal for use in the power plant.

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

Storehouse

Mr. Lloyd Henion continues in charge of our stores department, which handles all materials received.

Engineering

The engineering department continued under the direction of Maurice Chaillet, M.E., engineer-in-charge, assisted by Charles Corbishley, assistant engineer-in-charge, and William A. Schaufelberger, assistant engineer-in-charge, appointed following the resignation of Edward Wengland.

During the year the power plant consumed 22,261 tons of coal and

1,566,842 gallons of fuel oil to produce all the steam necessary for heating and to generate 2,281,292 k.w.h. In addition, we purchased 3,608,769 k.w.h. from the Jersey Central Power and Light Company.

Statistics for our water station are as follows: Total consumption of 421,288,000 gallons as compared with 418,920,000 gallons last year; a total of 220,500,000 gallons was actually pumped as compared with 212,719,000 last year.

Our sewage disposal plant, under the direct supervision of James Long, handled 371,124,000 gallons of flow as compared to last year's figure of 372,449,000.

Service Unit

Vincent VanInwegen continued as manager of the service unit during the year. Total net sales for the unit were \$257,559.42 as compared with \$258,876.21 last year.

We include here the commission on automatic vending machines, \$1,409.07 for the duct store and \$1,130.25 for the hospital at large, totaling \$2,539.32 as compared with \$2,540.99 last year.

Construction

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

The year saw the completion of several large projects. On October 21, 1957, we moved patients into the Abell Building. The general contractor for this project was Calabro Construction Company with Frank Grad and Sons the architects. This building was dedicated December 19, 1957, as a living memorial to the Honorable Frank Dale Abell, president of the Board of Managers, for his many years of service to this institution. Governor Meyner was the main speaker.

The North Side Dormitory Building renovations were completed in January 1958, and patients were moved into the area February 5, 1958. This work was done by Glenwal Company, general contractor, with L. Freeland Fellgraff, architect.

On December 4, 1957, the two new oil-burning boilers were placed into service. These two boilers, manufactured by Combustion Engineering, replaced the Springfield boiler and greatly relieved the serious shortage of steam capacity for this institution.

We are still faced with a serious shortage of water and, although Shultes Company of Woodbury, New Jersey, drilled three test wells,

none proved satisfactory and we are now awaiting advice from the Department of Construction as to the next step necessary to find an adequate water supply. During the year the Town of Morristown water company installed a new ten-inch high-pressure water line adjacent to our property and we have an inner-connection so that should an emergency arise we can receive water from this department.

On August 19, 1957, Stewart Brothers of Caldwell started construction of a six-inch water line to connect two phases of our present system, one located in back of the Reception Building and the other supplying the business manager's cottage. This work was completed in September and provides additional capacity and pressure and, being a loop system, assures uninterrupted supply even if a break should occur on another part of the system.

New women's lavatories were constructed on both the first and second floors of the Main Building Center. These units were placed in operation in April 1958.

Recommendations

The following are the capital budget items requested in our 1959-60 budget. You will note that many of the items were included in our prior year recommendations, together with additions and improvements we believe should be considered on a long-term basis.

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

We are again placing top priority on an affiliate nurses building to not only house our affiliate nurses but also provide proper classrooms, demonstration rooms, assembly and recreation areas. The construction of this building would also release 73 rooms which would increase our employee housing capacity, a desperate need.

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

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

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

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

employees and help reduce the excessive turnover which we now experience.

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

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

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

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

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

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

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

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

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

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

9. Recreation Building: \$500,000.

One of the greatest handicaps this institution has had to face since its inception has been the lack of recreational facilities for use by both our patients and our employees. We recommend the construction of a recreation building to house a regulation-size basketball court in the gymnasium with offices and storerooms located on the first floor, and six or eight bowling lanes installed in the basement.

10. Extensions to Main Building North and South Side Dining Rooms: \$500,000.

We believe extensions to the Main Building between our section wards would provide dining facilities to these areas which house our most dis-

turbed patients who lack dining room facilities at present and must eat all their meals in their wards.

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

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

12. Administration Building: \$750,000.

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

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

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

The total of these thirteen requested items adds up to \$15,000,000, which we believe should receive serious consideration if we hope to meet present day concepts of patient care.

Loss of Employees by Retirement or Death

Eight employees retired during the year:

Harry Bowlby, institutional charge attendant, employed May 6, 1937, retired July 4, 1957.

Patricia Long, assistant director of nurses, employed November 18, 1929, retired July 5, 1957.

Albert Klinger, stationary fireman, employed March 5, 1941, retired March 21, 1958.

Benjamin D. Smith, senior food service worker, employed May 24, 1951, retired March 22, 1958.

Herman Radtke, assistant farmer, employed July 18, 1940, retired April 15, 1958.

George Wilson, operating engineer, employed April 21, 1949, retired June 4, 1958.

Hugh McLellan, head dairyman, employed August 19, 1925, retired June 13, 1958.

Mark Miller, foreman painter, employed June 11, 1923, retired June 13, 1958.

Eight employees died during the year:

John A. Murphy, assistant groundsman, employed March 15, 1946, died September 9, 1957.

Ivanhoe G. Morse, qualified psychiatric technician, employed November 21, 1955, died October 22, 1957.

Malcolm Douglas, qualified psychiatric technician, employed March 31, 1947, died January 16, 1958.

Fred Kutter, institutional plumber, employed February 6, 1951, died February 24, 1958.

William H. Malena, qualified psychiatric technician, employed October 1, 1947, died March 11, 1958.

Willa Jordan, institutional charge attendant, employed January 13, 1950, died March 25, 1958.

James W. Anderson, qualified psychiatric technician, employed January 18, 1954, died April 13, 1958.

Alfred Tamaru, institutional charge attendant, employed June 27, 1945, died June 23, 1958.

Conclusion

This has been a year of progress which all departments of the hospital have reflected in their reports. We have dedicated and occupied a new building, honoring our long-time friend and Board President, Frank D. Abell, which has been admired by many hospital people from various parts of the country. We have made progress clinically; the tranquilizing drugs, which it has been possible to administer to almost half of our patients, have helped to bring about a quieter atmosphere and a more receptive attitude toward other therapies. Activity therapies have been coordinated under one head and the program expanded considerably. A beginning has been made in the greater use of psychology on the psychiatric team. Patient self government has been utilized to encourage more interest and cooperation on the part of those on the wards. The volunteer program of the Greystone Park Association has continued to provide many comforts and pleasures for our patients. Greater freedom has been accorded many of our patients, in line with

the British concept of the open hospital. The Business Department has been strengthened by the appointment of an Assistant Business Manager.

All this has been possible by the close cooperation and untiring efforts of my immediate assistants in the clinical and business areas and the loyal support given to the hospital management by all our employees in every category.

To the Board of Managers I am particularly grateful for their continued interest and never-failing guidance; and to the Commissioner and his staff we express our thanks for their help in so many ways.

Respectfully submitted,

Orville Ransell
Medical Superintendent and
Chief Executive Officer

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time			
	M.	W.	M.	W.
Grand Total.....	1067	823	28	26
MEDICAL ADMINISTRATION—Total.....	590	665	26	26
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	7	7	
a. Ward duty—direct care of in-patients	26	6		
b. Specialists (cardiologists, roentgenologists, etc.)	4		7	
c. Pathologists.....	1			
d. Internes.....	1	1		
6. Dentists.....	2			
7. Dental Internes.....				
8. Pharmacists.....	4			
9. Graduate Nurses—Total	2	72		
a. Supervisory or administrative duty.....		31		
b. Ward duty—direct care of in-patients	2	40		16
c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.)		1		
10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 79 affiliate nurses)	486	467	19	9
a. Ward duty.....	486	467	19	9
b. Special duty				
11. Occupational Therapists and Assistants	16	25		
a. Professional.....	7	17		
b. Occupational Therapy Aides	9	8		
12. Physical education directors and teachers.....	6	6		
13. Medical Clerks.....	4	53		
14. Other Employees.....	28	29		1
15. Hospital Social Service - Parole Division - Total	4	6		
a. Director	1			
b. Social Workers	3	6		

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time	
	M.	W. M. W.
BUSINESS ADMINISTRATION—Total.....	477	144
16. Business Manager.....	1	
17. Assistant Business Manager.....	1	
18. Clerical Employees including Stenographers and Bookkeepers.....	15	25
19. Dietitian.....	1	4
20. Housekeeping Employees.....	29	26
21. Farm Employees.....	81	
22. Other Employees.....	349	89
MENTAL HYGIENE CLINIC—Total.....	14	2
a. Physicians.....		2
1. Director.....		
2. Assistant Director.....		
b. Director Clinic Social Workers.....	1	
c. Psychologist.....	1	
d. Social Workers.....	5	
e. Clerical Employees.....	7	

FINANCIAL STATEMENT FOR FISCAL YEAR ENDED JUNE 30, 1958

RECEIPTS	
1. Encumbered funds carried forward.....	\$ 367,041.89
2. Received from appropriations.....	8,556,893.00
3. Maintenance received and forwarded to State Treasurer.....	3,945,616.01
4. Received from other government sources.....	
5. Received from all other sources:	
(a) Fire Loss.....	7,411.68
(b) Other Casualty.....	8,155.69
(c) Farm Production.....	4,569.60
6. Total receipts (sum of items 1, 2, 3, 4 and 5).....	12,889,687.87
DISBURSEMENTS	
Expenditures for Maintenance:	
7. Salaries and Wages.....	6,080,830.46
8. Food.....	742,079.60
9. Heat, Light, Power and Water.....	438,421.19
10. All other expenditures for maintenance.....	849,049.16
11. Total expenditures for maintenance (sum of items 7, 8, 9 and 10).....	8,110,380.41
12. Expenditures for physical plant including additions, improvements and permanent betterment.....	210,950.06
13. Expenditures for services other than personal.....	79,317.20
14. Total expenditures (sum of items 11, 12 and 13).....	8,400,647.67
15. Amount forwarded to State Treasurer.....	3,960,154.67
16. Balance available at close of year.....	528,885.53
17. Total disbursements (sum of items 14, 15 and 16; also equal to item 6).....	12,889,687.87
18. Value of consumed food raised on hospital farm.....	\$ 209,142.85

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Patients on books first day of year—Total.....	6517	2984	3533
Resident.....	5375	2507	2868
In family care.....	45	12	33
On convalescent leave.....	976	405	571
On brief or temporary visit.....	100	43	57
Missing.....	21	17	4
Admissions during year—Total.....	1684	817	867
First admissions.....	1106	569	537
Readmissions.....	534	228	306
Transfers from other hospitals for mental diseases.....	44	20	24
Total on books during year.....	8201	3801	4400
Discharged during year.....	1317	609	708
As recovered.....	526	264	262
As improved.....	781	336	445
As unimproved.....	4	3	1
As without mental disorder.....	6	6	0
Discharged directly from hospital.....	436	222	214
Discharged while on convalescent leave or otherwise absent (excluding deaths)	867	380	487
Deaths on convalescent leave or other- wise absent from hospital.....	14	7	7
Transferred to other hospitals for mental diseases.....	66	45	21
Died.....	563	273	290
Total removed from books during year.....	1946	927	1019
Patients on books last day of year.....	6255	2874	3381
Resident.....	5333	2476	2857
In family care.....	43	11	32
On convalescent leave.....	751	337	414
On brief or temporary visit.....	110	32	78
Missing.....	18	18	0
Average daily resident population.....	5386.7	2506.5	2880.2
Average daily population on books.....	6331	2914	3417
Total placements on absent status.....	5989	2623	3366
Total returns from absent status.....	5326	2314	3012

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.....	12		12
Admitted for special care.....	16		16
Discharged from special care.....	21		21
Transferred to regular mental population...			
Died while receiving special care.....			
Receiving special care last day of year.....	7		7
	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year.....			
Babies born during year.....	4	1	3
Babies discharged during year.....	3	1	2
Babies died during year.....			
Babies in hospital last day of year.....	1		1

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	1106	569	537	1018	508	510	88	61	27
Acute Brain Syndromes, total	19	17	2	16	14	2	3	3	
Alcoholic intoxication	19	17	2	16	14	2	3	3	
All other conditions									
Chronic Brain Syndromes, total	476	250	226	440	225	215	36	25	11
CNS syphilis	3	3		1	1		2	2	
CAS and senile brain disease	369	175	194	349	165	184	20	10	10
Alcoholic intoxication	67	52	15	54	40	14	13	12	1
All other conditions	37	20	17	36	19	17	1	1	
Psychotic Disorders, total	425	186	239	388	163	225	37	23	14
Involutional psychotic reactions	82	19	63	80	18	62	2	1	1
Manic-depressive reactions	39	15	24	40	15	25			
Schizophrenic reactions	216	96	120	188	80	108	27	16	11
All other conditions	88	56	32	80	50	30	8	6	2
Psychophyso. autonomic and visceral Disorders	4	1	3	4	1	3			
Psychoneurotic Reactions	55	28	27	54	27	27	1	1	
Personality Disorders	80	61	19	72	55	17	8	6	2
Transient Situational Personality Disturb.	20	8	12	20	8	12			
Mental Deficiency, with Psychosis	26	17	9	24	15	9	2	2	
Without Mental Disorder	1	1					1	1	
Mental Disorder, Undiagnosed Psychosis									

MENTAL DISORDER, UNDIAGNOSED PSYCHOSIS (Continued)

COMMITTED AND VOLUNTARY ADMISSIONS BY SELECTED MENTAL DISORDER

MENTAL DISORDERS	FIRST ADMISSIONS			READMISSIONS		
	Total	Committed	Voluntary	Total	Committed	Voluntary
TOTAL	1106	941	165	534	387	147
Acute Brain Syndromes, total	19	16	3	14	12	2
Alcoholic intoxication	19	16	3	13	11	2
All other conditions				1	1	
Chronic Brain Syndromes, total	477	452	25	91	66	25
CNS syphilis	3	3		6	2	4
CAS and senile brain disease	369	364	5	38	28	10
Alcoholic intoxication	67	52	15	27	19	8
All other conditions	38	33	5	20	17	3
Psychotic Disorders, total	424	349	75	342	254	88
Involutional psychotic reactions	82	58	24	56	31	25
Manic-depressive reactions	39	30	9	53	35	18
Schizophrenic reactions	216	186	30	209	168	41
All other conditions	87	75	12	24	20	4
Psychoneurotic Reactions	59	35	24	25	12	13
Personality Disorders	80	56	24	36	23	13
Transient Situational Personality Disturbances	20	8	12	10	6	4
Mental Deficiency, with Psychosis	26	24	2	16	14	2
Without Mental Disorder	1	1				
Mental Disorder, Undiagnosed Psychosis						

AGE AT DEATH BY SEX OF PATIENTS DYING IN HOSPITAL

FISCAL YEAR ENDING JUNE 30, 1958

	TOTAL	MEN	WOMEN
Total	563	273	290
Under 15 years	1	1	
15-19 years.....			
20-24 years	1		1
25-29 years	1	1	
30-34 years	7	2	5
35-39 years	5	3	2
40-44 years	13	7	6
45-49 years	19	8	11
50-54 years	22	12	10
55-59 years	33	17	16
60-64 years	44	25	19
65-69 years	79	45	34
70-74 years	93	49	44
75-79 years	95	43	52
80-84 years	84	31	53
85 years and over.....	66	29	37

AGE OF RESIDENT POPULATION

	Men	Women	Total
Total	2508	2935	5443
Under 15	8	5	13
15-19	29	25	54
20-24	65	37	102
25-29	100	72	172
30-34	135	137	272
35-39	187	205	392
40-44	239	280	519
45-49	261	286	547
50-54	316	277	593
55-59	295	314	609
60-64	207	322	529
65-69	207	284	491
70-74	216	247	461
75-79	139	213	352
80-84	80	127	207
85 & Over	34	104	138

AND THE BUREAU OF THE ARMY

