

74.901
H79

60
copy 2

the
psychoGRAM

PROPERTY OF
RECEIVED
JUL 11 1961
Div. of State Library,
Archives and History
TRENTON
1960

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

July 1961
The New Jersey State Hospital
Greystone Park

STATE OF NEW JERSEY

Department of Institutions and Agencies

BOARD OF CONTROL

Governor Robert B. Meyner, *Ex-Officio*

Lloyd B. Wescott, <i>President</i>	Frank J. Hughes, M. D.	Marie E. Carpenter
Frank E. Walsh	Fisher White	Mrs. Stevens Baird
	James D. Compton	
	John W. Tramburg, <i>Commissioner</i>	

the
psychogram

Vol. 46, No. 1 July 1961

1960 ANNUAL REPORT

The New Jersey State Hospital at Greystone Park

BOARD OF MANAGERS

Bertram Polow, <i>President</i>	Scriven S. Evans, Jr., <i>Vice-President</i>	
Michael A. Dwyer	Mrs. Seymour B. Everett	
Leonard A. Scheele, M.D.	Willard M. Hedden	Mrs. William N. Gurtman
	Frank D. Abell, <i>Honorary</i>	

Archie Crandell, M.D.

Medical Superintendent and Chief Executive Officer

Published once a month by the New Jersey State Hospital at Greystone Park
Printed by the O. T. Dept. Single copies 15¢ Subscription \$1.50 a year.
Entered as second-class matter August 21, 1916, at the Post Office at Greystone Park, N. J.
Under the Act of March 3, 1879

THE
EIGHTY-FIFTH ANNUAL REPORT
OF THE
MANAGERS AND OFFICERS
OF THE
NEW JERSEY STATE HOSPITAL

AT
GREYSTONE PARK

FOR THE YEAR ENDED JUNE 30TH

1960

New Jersey State Library

BOARD OF CONSULTANTS

GEORGE H. LATHROPE, M.D., F.A.C.P. Clinical Medicine
BART M. JAMES, M.D. Dermatology
J. LAWRENCE POOL, M.D., D.M.Sc., F.A.C.S. Neuro-Surgery
EMANUEL H. FEIRING, M.D., F.A.C.S. Neuro-Surgery
STUART Z. HAWKES, M.D., F.A.C.S. Surgery
LAWRENCE C. KOLB, M.D., F.A.P.A. Psychiatry
LAURENCE M. COLLINS, M.D., F.A.C.S. Forensic Psychiatry

APPROVED

by the

AMERICAN MEDICAL ASSOCIATION

Council on Medical Education and Hospitals

for

RESIDENCY PROGRAM IN PSYCHIATRY

BOARD OF MANAGERS

President

BERTRAM POLOWMorristown

Vice-President

SCRIVEN S. EVANS, JR. Paterson

MICHAEL A. DWYER. Hohokus

MRS. SEYMOUR B. EVERETT

LEONARD A. SCHEELE, M.D. Summit

WILLARD M. HEDDENDover

MRS. WILLIAM N. GURTMANPassaic

HAROLD M. PRETTYMAN, *Secretary*
Morris Plains

BOARD OF MANAGERS

OFFICERS

ARCHIE CRANDELL, M.D.

Medical Superintendent and Chief Executive Officer

THEODORE GEBIRTIG, M. D.

Assistant Medical Superintendent

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

Clinical Director

JOHN T. NEAL, JR.

Business Manager

HOSPITAL STAFF

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

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

Physicians: Drs. Livio Mocenigo, Myron Dolinsky, †Helen Mamantov, Elmar Kurzbach, Joannes Cap, Julian H. Zaborowski, Sing Bea Chang, Wolfram R. Roscher, ‡Vincent Inceciyan, Natalia Woronczuk, *Wolodymyr Zankiw, Romuald E. Klimkiewicz, Lydia Holinaty, Telesfor Jankowski, Charles F. C. Jones, *William A. Marshall, *Joseph A. DeMunecas, *Michal J. Rostafinski, *Cesar A. Munoz, *Istvan S. Szabo, Frederick Carracino, Vincenzo Cocilovo, Luigi Saracino, Edgar Hoedemaker, Elfi M. Noha, and *Leslie H. Salov.

Resident Psychiatrists: Drs. Adam Colonna-Czosnowski, *Friedrick K. Racke, Gaetano Ruggieri, Paul D. Valvo, Antonina Cap, and Doulat L. Keswani.

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; Internist, Dr. Edward Kessler; Electroencephalologist, Dr. Joseph F. Zigarelli; Ophthalmologist, Dr. Seymour S. Van Wiemokly; Neuro-Surgeon, Dr. Henry R. Liss; Senior Staff Dentist, Dr. William J. Byatt; Senior Clinical Psychologist, Dr. Stanley Liutkus; Chiropodist, Dr. Frank J. Gasser; Pharmacist-in-Charge, John V. Callery, R.P.

Director of Nursing, Laetitia M. Roe, R.N.; Chaplains, Fr. John J. White, *Rev. George R. Tolson, Rev. Dr. John C. vanDyk; Director of Social Service, Herman Carter; Director of Outpatient Clinic Social Service, Mildred H. Hurley; Coordinator of Activity Therapies, Lucille Boss; Director of Occupational Therapy, Fred Odhner; Supervisor of Recreation, Dorothy E. Johnson; Senior Librarian, Flora Bel Dayton; Volunteer Services Assistant, Enid Lathrop.

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

*Resigned †Deceased ‡Retired ‡Leave.

TABLE OF CONTENTS

	Page
Report of the Board of Managers	7
Treasurer's Report	10
Report of the Chief Executive Officer, Introductory	11
Health	12
Statistical Resume	12
Clinical Department	13
Clinical Director's Report	14
Shock Therapy	21
Roentgenology and Electrotherapy	22
Tuberculosis	22
Surgery	23
Urology and Proctology	24
Neurology	24
Dentistry	24
Chiropody	24
Pathology and Bacteriology	25
Eye, Ear, Nose and Throat	25
Staff Matters	26
Resident Training	27
Appointments and Resignations	28
Health Services for Employees	28
Nursing	29
Religious Services	32
Social Service	32
Outpatients	35
Psychology	36
Activity Therapies	37
Pharmacy	38
Identification	38
Medical Records	39
Greystone Park Association	39
Business Department	39
Recommendations	47
Loss of Employees by Retirement or Death	50
Conclusion	52
Statistical Tables—Standard Forms	Appendix

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-fifth report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1960.

Throughout the year we have maintained a close relationship with Dr. Crandell and his staff and we are satisfied that the affairs of the hospital have been well administered and that we have continued a high standard of treatment to our patients.

The personnel situation has shown some improvement during the year and with our advanced program of eliminating the waiting period for clearing fingerprints, we feel that we can hire qualified personnel immediately and that the situation will continue to improve.

The treatment of patients with tranquilizing drugs has again exceeded our expectations and we have been assured that all patients admitted who could benefit from tranquilizers have had this therapy available to them. We have supported the administration in the program to further the "open hospital" wards and we favor permitting privileges to selected patients in promoting their comfort and well being.

We have been greatly concerned about our children in the adult population and have asked for assistance on this very grave problem from your office on several occasions and for the establishment of a program, on a State level, for all children in mental hospitals in New Jersey. We now have under consideration a project with the Superintendent of Morris County Schools to provide a teaching program for the children.

During the year this Board of Managers has studied all interest-bearing accounts and several accounts have been withdrawn and invested in United States Government obligations with a greater interest yield to

the welfare account. We approved the use of Trust Funds held by this Board of Managers to erect the new bandshell in the recreation area and to make general improvements to the present facilities.

Your unlimited cooperation has been of vital importance to this Board of Managers and we express gratitude to President Wescott and members of the State Board of Control for their cooperation and guidance during the year.

On July 1, 1959, there were 5,761 patients on the records of the hospital; on June 30, 1960, there were on the books 5,619 patients, a decrease of 142 patients—103 men and 39 women. At the close of the year there were 5,233 patients resident in the hospital, including 111 on temporary visit and 55 carried on the Family Care Program; 360 were out of the hospital on convalescent leave and 26 were carried as missing. During the year there were admitted 1,830 patients, of which 1,128 were first admissions. The discharges numbered 1,402 regularly discharged, 520 were recovered, 857 improved, 2 unimproved and 23 without mental disorder. The deaths numbered 519 and the total number under treatment was 7,591. The number transferred to other institutions was 38.

Ten regular meetings of the Board were held during the year with an attendance of 57; committee meetings and visits number 147, which made 204 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 records.

President Polow had perfect attendance. Mr. Evans, Mr. Hedden and Mrs. Gurtman were absent once. Mr. Dwyer and Mrs. Everett attended 7 meetings and Dr. Scheele attended 6 meetings.

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.

It is the consensus of this Board of Managers, Commissioner Tramburg, that it is our duty to keep ourselves informed of the needs of the hospital and assist the Superintendent in his efforts to carry on an intensive treatment program for our patients. The budget submitted to you has been thoroughly studied by each member of this Board, we feel that the requests can be justified and in the best interest of this hospital, and we respectfully request your support of the requests so that the management of the hospital will have adequate funds to operate and maintain the type of hospital which will be a credit to the State Board of Control and this Board of Managers.

We close the year with the feeling that the hospital has moved forward during the last fiscal period and we anticipate progress during the present fiscal year. We express sincere appreciation to Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, and his entire staff for their cooperation with this Board of Managers and for the devoted and efficient service given the hospital during the year.

Respectfully submitted,

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

Financial Report of Cash Receipts and
Disbursements for the Fiscal Year
Ended June 30, 1960

RECEIPTS

From:

Bergen County	1,055,637.34
Burlington County.....	890.88
Camden County	4,790.36
Cumberland County.....	2,500.12
Essex County	817,169.73
Gloucester County	2,791.32
Hudson County	265,029.93
Hunterdon County	2,839.92
Middlesex County	21,083.70
Monmouth County.....	19,173.36
Morris County.....	304,526.04
Ocean County	7,155.31
Passaic County	1,098,442.85
Salem County.....	941.68
Somerset County	7,125.44
Sussex County	58,855.97
Union County.....	77,697.95
Warren County.....	3,631.32
Non-Indigent Patients	520,905.01
State Contributing Patients.....	48,422.73
Excess Maintenance Collected by Counties	86,368.79
Maintenance Recovery.....	255,600.10
Miscellaneous Receipts	3,077.75
Total	\$4,664,657.60

DISBURSEMENTS

Amount of Collections Deposited with State Treasurer	\$4,664,657.60
--	----------------

Report of the Chief Executive Officer

To the Board of Managers:

I have the honor to present this, the eighty-fifth annual report of the New Jersey State Hospital at Greystone Park, which covers the fiscal year ending June 30, 1960.

This past year has seen a continuation of the increase in admissions as well as a continuation of the decrease in hospitalized patients. There were 109 more patients admitted, whereas at the close of the year we had 94 patients less in the hospital and 48 less on non-resident status. At year's end we were carrying 73 fewer patients on convalescent leave; 16 less patients were in the family care program at the end of the year than at the beginning due to intensive efforts on discharging patients to the community from this temporary status.

Progress was made in our patient care program. We received approval for our third year of residency training. We are awaiting inspection for hospital accreditation and the points made in the last inspection report have been corrected or are in progress. Further integration of our outpatient and inpatient facilities has made possible more prompt discharge of hospitalized patients. Through the sex offender program, more of these special patients have been discharged than were received. Our psychology service is being further developed. The nursing staff has been increased in both the professional and sub-professional ranks. Remotivation therapy has shown a decided increase. Graduate technicians have completed refresher courses to fit them for assisting in drug administration. Interdisciplinary conferences have increased the efficiency of the team nursing approach.

Our religious program is being augmented by the appointment of an additional Catholic chaplain and our present Catholic chaplain is being relieved from all duties in the local parish so that both of them may devote their entire time to the hospital. A full-time Protestant chaplain is being obtained to replace the one who left us early in the year to accept appointment at San Quentin.

Special services to the patients have shown a gradual increase in both occupational and recreational therapy. A full-time volunteer services assistant has made possible greater recruitment and training of volunteers. The most significant addition to occupational therapy facilities has been the completion of the homemaking rehabilitation unit, including a kitchen and laundry equipped with all the latest appliances and a dining and living area. The recreation program has been augmented in the completion of the band shell building, which provides the recreation area with locker room and showers; there are also toilet facilities for men and women which are arranged for use during visiting days when patients are on the grounds as well as by patients during regular recreation periods. The adjoining outdoor basketball court has proven to be most popular, for employees as well as patients. The band shell platform provides a stage for the presentation of varied outdoor performances in addition to band concerts. A public address system contributed by the Greystone Park Association is most helpful, as well as making recorded music available to playgrounds and the adjoining picnic grove. The natural amphitheatre and the new benches provided by the New Jersey League of Women Bowlers make it possible to comfortably seat all the patients and employees who can be expected to attend these programs.

Health

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

Statistical Resume

General Data: During the year ending June 30, 1960, there were admitted 1,830 patients (865 men and 965 women). This figure is 109 more than last year. The admissions included 1,128 first admissions (582 men and 546 women), 669 readmissions (269 men and 400 women), 20 transfers from other similar hospitals of New Jersey (14 men and 6 women) and 13 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 14 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950). The number of patients discharged, including deaths, was 1,972

(968 men and 1,004 women), making a decrease of 142 patients on the books at the close of the year.

There were under treatment during the year 7,591 patients (3,504 men and 4,087 women), which was 392 less than the preceding year. The maximum census for the year was 5,761 obtained on July 1st, and the highest number actually in the hospital at any one time (including temporary visit and family care) was 5,332 on July 27th and August 10th. The average daily number in the hospital (including family care) was 5,128. At the close of the year there were in the hospital 5,122 patients (2,336 men and 2,786 women), including 55 patients (20 men and 35 women) carried on family care; 360 patients (141 men and 219 women) were carried on convalescent leave; 111 patients (34 men and 77 women) were carried on temporary visit; 26 patients (25 men and 1 woman) were carried as missing. This is a decrease of 48 patients outside the hospital and a decrease of 94 patients actually in the hospital at the close of the year.

Discharges: The total number of those discharged was 1,402 (693 men and 709 women). Of this number 520 (250 men and 270 women) were considered to have recovered from their psychoses. This is 46 per cent, based on the number of first admissions, which is .6 per cent less than last year. A total of 857 patients (421 men and 436 women) were discharged as improved, or 76 per cent, which is 9.4 per cent less than last year. The manner of discharge of the remaining patients was as follows: 2 (1 man and 1 woman) unimproved and 23 (21 men and 2 women) without mental disorder. In addition to those discharged, 38 patients (32 men and 6 women) were transferred to other similar hospitals in New Jersey; also, 12 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution and 1 woman died. The discharge figure includes 35 men, committed under the Sex Offenders Act (Chapter 207, Laws of 1950), 1 of whom was transferred to the Vroom Building at the New Jersey State Hospital at Trenton and 2 who, after the completion of their sentences, were committed as regular patients.

Deaths: During the year 519 patients (243 men and 276 women) died. This is a death rate of 6.84 per cent, based on the number under treatment and is .29 per cent more higher than last year.

The average age at death was 72.64 years, being .02 years higher than last year.

Clinical Department

The immediate supervision and direction of the medical program

has been given by the clinical director, Dr. William H. Longley. He completed 23 years at this hospital and during the past year his conscientious efforts and unfailing interest have resulted in further improvements. His report follows:

Clinical Director's Report

In the past year the Clinical Department has been chiefly concerned with the administrative problems developing out of or in conjunction with projects started in the preceding year. We have become accreditation-conscious and our main thinking and physical efforts have been concerned with the achievement of third-year residency training approval, hospital accreditation, and the acquisition of proper credentials by all staff members who had not yet become licensed or approved by the Educational Council for Foreign Medical Graduates. Other problems worked on were the handling of the children on our wards, the integration of the Outpatient Department into the treatment program so that a continuity of care in the pre-hospital, inpatient and post-hospital phases would be improved, and a restudy of the program for sex offenders. A number of major illnesses and injuries to members of the staff in the year retarded the work somewhat and at times caused the proper manning of the Services to be difficult. When this happened the desk work was cut to the allowable minimum and everyone pitched in to see that the care of the patients did not suffer.

Preparations for a new survey to regain hospital accreditation ranked first as a major concern because of its importance and also because of its magnitude. All the points made in Dr. Manheimer's report of survey dated June 26, 1958, were gone over and the suggested corrections were made or begun. Staff organization has been redone, physical rehabilitation of the plant is an on-going process. Crowding has been cut a great deal but we are faced with the necessity of accepting all committed patients and most of those requesting voluntary admission. Many who present themselves for voluntary admission are referred to community facilities or to our Outpatient Department. Building Code requirements as they apply to fire hazards are met and the hospital passes the Fire Underwriters inspections annually. Furniture repair has been going on continuously on such articles as benches, chairs, desks and cabinets since the Fall of 1958. Plumbing and electrical wiring repairs, the enclosure of radiators and staircases, and the installation of illuminated exit signs have not been dealt with by the Clinical Department. All medical staff appointments are made by the Superintendent upon recommendation by the Credentials Committee. Letters of appointment contain a delineation of privileges. By-laws, rules and regulations

are written and have been read by each member of the staff, and a master list has been signed. Morbidity and mortality have been reviewed by the Audit Committee at its second meeting in each month. Records have been reviewed for completeness at each Audit Committee meeting pending the completion of Central Office work on a standard set of forms for all hospital records. Cross-indexing of diseases and operations is being done by the medical records librarian. Records are continuously being checked for dates and signatures on all entries, and the medication orders are being written and signed by physicians. Regular progress notes on all charts are our area of greatest concern for the past several months and can still be improved. Continued pressure is being exerted to bring this point to a higher level of accomplishment. Consultation requests are being handled through Doctor Kessler, chief of medicine and surgery, who keeps a wall chart indicating the dates requests are received and responded to, and a book with a permanent record of this data for each consultant. Results in this area are much improved over the past but continuous checking is needed to keep up to standards. Pathologist's cross-index is maintained and an alarm has been attached to the laboratory refrigerator where blood is stored. X-ray reports are all signed and the x-ray room has been given lead sheath protection after a safety check. All x-ray and dental employees use badges to compute the dosage of radiation they have been exposed to. The Nursing Department has been strenuously recruiting and has reviewed the procedure for dispensing of medications by various personnel. Automatic stop orders for medications are being used. Semi-annual culturing of dishes, wards, sterile packs, bed clothing, hands and air is being done by the laboratory and the effectiveness of sterilizing procedures is periodically checked. A reorganization of medical-surgical records has been carried out and the Tissue Committee checks all operative procedure. Post-anesthetic follow-up notes are written by the anesthetist and the physical therapy procedures prescribed for patients is checked each week by those chiefs of Service whose patients are being given this type of therapy. Specific physical therapy prescriptions are written and signed by the physicians. The responsibilities and privileges of the dentists are delineated in the by-laws. We wrote to the Joint Commission on Accreditation of Hospitals in January requesting a new survey and had the reply that we would be visited some time in the present calendar year. No definite date has been set at the time of this report and we are working hard while waiting, using the time to make a constant recheck of procedures and effect improvements wherever they are found to be needed.

Since the late summer of 1957 when we were encouraged by Doctor Seelye to set up a curriculum of teaching that would extend our program for psychiatric residents to cover the full three years preparation for specialty board eligibility we have been working toward the attainment of this goal. We quite agree that a full use of the teaching resources of an institution such as ours with its variety and quantity of case material and the experience of its professional staff should be used to the utmost to build up the number of psychiatrists needed to care for the mental health of our growing population. With much help from the American Medical Association Council on Medical Education and Hospitals we prepared and marshalled our material and set up affiliations where needed until a complete course of training was organized. It was with great satisfaction that we had word in April that our program had been accorded full three-year approval as a result of Doctor Seelye's resurvey in October. This makes New Jersey one of the very few states that has fully accredited three-year programs in all its State hospitals.

In the past year we have exerted strong efforts to have all staff physicians properly accredited in implementation of the policy of the Joint Commission on Accreditation of Hospitals. Doctors with United States citizenship were urged to become licensed to practice medicine in New Jersey if they had not already done so, and foreign graduates were reminded of the July 1st deadline, now extended to December 31, 1960, to achieve accreditation by the Educational Council for Foreign Medical Graduates if they had not yet become citizens. As a result of the campaign and the doctors' efforts, four staff physicians were licensed by examination in this State and one was licensed by endorsement of his National Boards credentials. Five members of the staff were granted standard certificates after taking the ECFMG examinations, and five were licensed by examination in other States which do not require citizenship as a prerequisite. The fifteen certificates and licenses enumerated above were acquired by eleven doctors, four of whom became both licensed and accredited by the ECFMG. At this writing there remain ten staff physicians unlicensed and non-accredited, of whom one has taken the New Jersey boards and not yet heard the results, one has successfully completed the first part of the specialty board examination in Pediatrics and is on a temporary appointment until December 31, 1960, as an Exchange-Visitor, two are scheduled to take New Jersey board examinations in October, four have been accepted for ECFMG examination, and two may retire at the end of the year. All new appointees to the medical staff must henceforth have already in their posses-

sion an appropriate license or ECFMG certificate of accreditation.

Much attention has been given in the past year to the problem of our under-age patients. The major problem has been with the age group under 16 who need education and adult help in growing up, as well as indicated treatment for their various psychiatric illnesses. We have surveyed our group to ascertain how many children we have at the various age levels, their diagnostic classifications, educability, and their suitability for transfer to the various children's facilities. We have reviewed our own program to see how we could improve our care of the children while they are here with us and we have been able occasionally to return some of them to their parents. We do not feel that we have the personnel at present necessary to set up a children's unit. The current interest is in establishing a system whereby teachers can be provided for those who are educable so that we and they do not lose ground unnecessarily in this direction.

As the Outpatient Department went on into its second year of operation on the new basis there have been frequent conferences between Doctor Gebirtig, Miss Hurley, Mr. Carter and the clinical director on the topics of who should be referred for outpatient follow-up, how to handle the referrals, how to communicate recommendations, orientation of patients about to be released and their families, duration of follow-up treatment, and procedure for discharging O. P. D. patients who were formerly inpatients. These conferences have always been approached and carried out in an atmosphere of complete cooperation. Decisions about policy and procedures have been made after a full discussion of the issues involved and always with a conscientious effort to be consistent with directives of the Central Office and the Superintendent and the good of the patients. The method appears to have worked well and will be continued as new problems arise.

The treatment program for sex offenders has been suffering from divided authority in the past couple of years. With two-thirds of the special cases being in the Main Building and the remainder in the Reception Building we have had Doctor Kurzbach doing the whole program for the Main Building patients and doing part of the supervision and reporting for the Reception Building group. Mr. Farrell of the Psychology Department has been treating some of the men in group therapy and various doctors on the Reception Building staff have been handling medical problems. Mr. Murphy in the Social Service Department has seen one patient regularly in therapy for almost a year and the clinical director is called on to handle a number of local incidents and personal problems for this group. All these staff members have been trying to help

but as a result the program has developed a many-headed leadership. To straighten out the management of this category of cases Mr. Manton Morris has been asked to reestablish monthly meetings of staff members concerned with the treatment of sex offenders at the various institutions and we will have regular conferences locally to go over jointly the treatment of these patients and the problems that arise in the therapy of our group.

The hospital census continues to show its gradual annual decrease in spite of a somewhat increased number of admissions. We had an average daily census of 5,128 patients, which included an average of 65 on family care, compared to the figure of 5,267 in the preceding year. Total admissions this year were 1,830 compared to 1,721 in 1958-59; of these, 865 were men and 965 were women. First admissions were diminished by 62 (582 men and 546 women) but readmissions increased 173 (269 men and 400 women). This may reflect the attitude of hospital emphasis on open-door policy and expeditious release coupled with an optimistic reliance on community resources to help the patients adjust after they go home, or it may reflect the unavailability of adequate community resources, or it may be that our referral system is too vague and has left many patients dangling and depending on their own families' initiative, reduced, as it often is, to make definite contacts for follow-up in the community. Many patients come back with the story that they did not go to family service, to clinics, or to their own doctors as they had been advised to, and had stopped taking their medications soon after they had gone home. Fourteen sex offenders were admitted during the year and 34 were terminated, one by transfer to the Trenton State Hospital and two by commitment at the expiration of their maximum sentences. Thirteen Totowa cases were admitted during the year and 12 were returned, and one died.

During the year we discharged 1,402 patients (693 men and 709 women) and of these 520 (250 men and 270 women) were considered recovered, while 857 (421 men and 436 women) were considered to be improved. The remaining 25 were discharged as 23 without mental disorder and 2 unimproved.

There were 519 deaths during the year (243 men and 276 women) and the average age at death was 72.64 years. There were no epidemic incidents although virus infection of the upper respiratory and gastrointestinal tracts seemed somewhat heavier than usual in their seasonal incidence among both patients and staff. The Pathology Department performed 147 autopsies and there were 17 cases investigated by the County Physician because of sudden death. The autopsy percentage

was 29 per cent, which fulfills accreditation standards but which could be improved.

The shock therapy service continued to be under the direction of Doctor Esposito, assisted by Dr. Klimkiewicz until the appointment of Doctor Rosenberg in December. During the year 335 patients were admitted to the Service for insulin or combined shock treatment. These patients were given 5,540 insulin treatments and 99 of them had 803 insulin treatments combined with electroconvulsive therapy. Doctor Esposito supervised the administration of ambulatory electroshock given to 831 patients in the Main and Reception Buildings in the course of the year. A total of 5,070 treatments was given to this group. Comparison with figures in this category for preceding years shows the astounding impact of new treatment modalities, especially the tranquilizers, which have eliminated about 80 per cent of the case load in this area as compared with past records. The use of anectine is routine now and has practically eliminated the fracture risk in electroconvulsive therapy. Improved methods of using insulin are being tried but so far the results in our hands have not shown any marked difference. Success of the program is revealed by the 96 per cent figure representing patients who have been released from the hospital after their course of treatment was completed. Most of the remaining 4 per cent were considered improved and more amenable to hospital care even though they are retained in the institution. The physical-chemical treatment is adjunctive to psychotherapy on an individual or group basis, and Dr. Esposito is trying to find a way to involve the patients' families in group discussions to broaden the scope of therapeutic services offered by his department.

The pattern of regular meetings for the diagnosis and disposition of patients, as well as matters of competency, guardianship and restoration of driving privileges has been found more easily handled in the past year by having separate conferences for the major patient areas in the hospital at weekly intervals. In the Dormitory-Tuberculosis area the cases are considered at length by Doctors Melvin, Anderson and Ma, together with the junior staff physicians on those Services; in the Main Building staff meetings are conducted by Doctor Longley with Doctors Snyder and Colonna (since Doctor Harquail's death) and the junior physicians; for the Clinic Building the meetings are held by Doctors Longley, Kessler and Esposito and their junior physicians; and in the Reception Building Doctor Fenimore meets with Doctors Pustroem and Felger and their staff doctors. Special problems raised at any of these conferences are considered subsequently at length by the clinical director, assistant clinical director and assistant superintendent before decisions and

recommendations are submitted to the superintendent. Further investigations and reports are requested when desired from medical, nursing, psychological and social service sources in all cases. It is felt that this method of reviewing cases at staff conferences allows a more thorough investigation and appraisal of each individual case so that the dynamics may be more adequately brought out, the treatment evaluated, and the post-hospital planning more thoroughly gone into. Although the total number of conference hours are doubled, the participating staff members are made up primarily of only the members of that Service whose patients are being considered at the time, while others are freed for their service duties and the treatment of their patients. The teaching values for junior physicians are retained and even enhanced by seeing their own cases reviewed more thoroughly than was previously possible, and in the smaller groups it is easier for them to enter the discussions and add their observations. Nursing personnel, clinical pastoral trainees and other visiting groups still visit as before at conferences held in the Reception Building Staff Room. The preliminary screening of new admissions is now done in the Reception Building twice weekly each by Doctors Longley and Fenimore who meet with the Service staff and residents to evaluate the cases, make a provisional diagnosis and set up a treatment plan. The newly admitted patients are assigned each week to members of the staff for special study and diagnostic presentation.

Training activities conducted for the regular staff and for the psychiatric residents are still being programmed by the clinical director. Seminars, clinical case conferences, clinical pathological conferences, journal club sessions, and conferences on therapy were conducted as scheduled. Individual proctoring of residents was done on a regularly scheduled basis each week and time was made available at once for discussions or problems connected with patients in therapy. During the year Doctors Ruggieri and Valvo completed their third-year training requirements, which included three-month affiliations in Child Psychiatry and an assignment to conduct psychiatrically oriented interviews emphasizing psychosomatic aspects on certain selected patients assigned during ward rounds at the Morristown Memorial Hospital. The second and third year residents were assigned on the roster of doctors attending the Outpatient Department. Dr. Antonina Cap completed the second-year training program and Doctors Doulat Keswani and C. F. G. Jones completed the first-year curriculum. Dr. James Watt transferred to St. Vincent's Hospital in New York to continue his training. It was a great satisfaction to be granted approval for our third-year training curriculum by the Council on Medical Education and Hospitals of the American

Medical Association. Retroactive credit for completion of the program will be accorded Doctors Felger, Colonna and Racke, who were the first group of residents in the pilot phase and who completed all changes as new aspects of the program were added at the suggestion of the Council. Although this hospital agreed to accept members of the house staff from Overlook Hospital and from St. Clare's for a two-week familiarization period as requested by those hospitals, there has been no representative from either hospital assigned for affiliation yet. It is recommended that the resource be kept open for both hospitals, however, should they wish to make use of it.

This year we have had the encouragement of succeeding in our two-and-a-half-year effort to establish a full three-year training program and we have gotten the staff on a much more creditable basis with licensure and ECFMG credentials. We have been working on ways to make more use of our resources in terms of our treatment program as it relates to children, post-hospital care and liaison with community agencies, and we have gone over all operational procedures intensively in preparation for a new survey of the hospital for accreditation. The Nursing Department has carried out an intensive series of in-service training programs, Social Service and Psychology have been doing their utmost to extend their services, and there has been a great strengthening of the work done by the volunteers under the guidance of Mrs. Lathrop. The Recreational Therapy, Occupational Therapy and other departments under Mrs. Boss' direction have been extremely busy and productive. For the year ahead there will be continued attention to ways of improving the effectiveness of in-patient care and post-hospital planning, geriatric care, the reorganization of the Special Case program and recruitment of qualified staff. We have kept busy and have shown progress in several directions in the past recording period. Many of our interests are still ongoing and continue with us as the first order of business in the new fiscal year.

Shock Therapy

Dr. Amedeo Esposito continued the operation of the shock therapy service where combined therapy, particularly insulin and electroshock, is administered.

On Ward 14, Clinic Building men's insulin service, treatments were completed on 74 patients during the year 1959-60. Of the 74 patients on whom treatments were completed, 71 (96 per cent) left the hospital during the year, discharged or on convalescent leave. Three (4 per cent) remained in the hospital improved. During the current year 12

men patients were returned to the hospital who had been released during the previous year. Of these 12 patients, 9 have since been released again. These patients have been included in the total number of patients on whom treatments have been completed on the men's service.

On Ward 15, women's insulin service, treatments were completed on 116 patients. There were 98 (84.4 per cent) who left the hospital during the year; 9 (7.8 per cent) remain in the hospital improved and 9 (7.8 per cent) remain in the hospital unimproved. During the year 10 women returned who had been released prior to July 1, 1959. Of these 10 women, 6 have again been released following further treatment. These are included in the total number of patients treated.

There was one death during the year, a middle-aged woman who died of acute myocardial degeneration; she had a history of being a chronic alcoholic. There was no major fracture reported during the year. We have continued using Anectine intravenously prior to electroshock treatments. As a result, there again have been no back injuries or complaints of backaches following electroshock treatments.

Roentgenology and Electrotherapy

Dr. Daniel G. Melvin continued to direct the main roentgenology and electrotherapeutic department in the Clinic Building and the smaller unit in the Tuberculosis Building. He reports a total of 10,514 exposures made in the Clinic Building, of which 1,864 were of the mandible and maxillae, and 1,124 of the head. Chest x-rays were done on 1,614 newly admitted patients and 1,193 new applicants for employment, and 443 chest survey rechecks were made. In addition, 459 gastro-intestinal series were performed.

Having served as consultant in x-ray therapy, Dr. Oscar H. Cohen reports that a total of 180 treatments were given to 23 patients (8 men and 15 women); treatments were given to 3 men and 1 woman, employees, and 148 consultations were held. There were 1,396 films reviewed.

Our cardiac consultant, Dr. Albert Abraham, reported on 320 electrocardiograms, of which 166 were normal and 154 showed some abnormality. He reviewed 247 chest x-rays, completed 111 consultations.

There were 967 electrotherapeutic treatments given, 462 of which were diathermy.

Tuberculosis

The tuberculosis service has continued under the charge of Dr. John Ma, senior physician. In his report for the past year it is noted that 46 men and 17 women were admitted, 6 men and 3 women from

Marlboro State Hospital, and 7 men from other hospitals; 33 men and 14 women were admitted by transfer from other wards of our hospital. There were 7 patients transferred to other buildings, 8 left on convalescent leave and 15 were discharged. Of the 29 deaths, only 3 were directly attributed to far advanced, active pulmonary tuberculosis.

During the year 60 men and 39 women were considered improved and 32 men and 19 women were considered inactive. The year-end census was 435 plus 5 on family care; 80 men and 73 women were convalescent and residing in Pavilion II at the end of the year.

Artificial pneumothorax and pneumoperitoneum have gradually declined. Insulin and electroshock therapy is not used. The use of tranquilizers and anti-tuberculosis drugs has resulted in marked improvement roentgenologically, with converted sputum test results, in many of the far-advanced cases. There were 65,520 doses of PAS and 7,260 doses of Dihydrostreptomycin given, as well as 43,689 doses of Rimifon and 660 doses of Penicillin. Tranquilizer doses included Thorazine 70,665, Serpasil 27,100, Compazine 52,500, as well as various other ataractic drugs; 68,300 doses of other oral medications were given.

Management of the patient has improved medically and in nursing care, and the use of restraint and sedatives as well as the number of accidents has continued to decrease. Occupational therapists have treated 30 patients during four sessions each week and have initiated classes for extensive arts and crafts activities which have been conducted on the wards by ward personnel. Recreational therapists have provided indoor and outdoor activities, including weekly movies and bingo parties, and social gatherings.

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

Dr. Ma has continued his interest in research and during the year has worked with a new panpsychotropic drug. He notes that the incidence of tuberculosis is dropping and believes that eventually our tuberculosis program should be changed to a Service for chest diseases.

Surgery

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

This year there has been a complete renovation of the operating area. We now have two operating suites that are completely enclosed

and air-conditioned. The floors and all equipment are now conductive and non-explosive.

Dr. Kessler reported that during the year there were 157 operative procedures performed. There were 155 fractures cared for, with 66 reductions of fractured hips; intra-medullary pinning of fractures was done when possible. Dr. Sing Bea Chang assisted Dr. Seymour Van Wiemokly, eye consultant, with 18 eye operations, and Dr. Marshall D. Hogan performed 8 rectal operations.

Our nurse anesthetist, Joan C. Fenimore, reported that of the total of 135 anesthetics given, 42 were local, 44 spinal, 33 general and 9 intravenous.

Seven babies (5 boys and 2 girls) were born during the year.

Urology and Proctology

Dr. Marshall D. Hogan continued throughout the year as our urology and proctology consultant. He performed 8 rectal operations, made 364 rectal examinations on men and 346 on women, and held 154 consultations. In addition, 6 sigmoidoscopic examinations and one cystoscopic examination were made, and he performed 21 catheterizations.

Neurology

Dr. Fred A. Mettler, neurologist, reports neurological consultations on 173 patients, with three-quarters of these meetings attended by senior members of the staffs of other hospitals of the State and Federal systems as well as by staff members of junior or resident grade.

Dr. Henry R. Liss, neuro-surgical consultant, reports 7 arteriograms and 7 pneumoencephalograms performed.

Dentistry

The dental clinic has been supervised by Dr. William J. Byatt, senior dentist; he was assisted by Jacob Forman, D.D.S., who joined the staff April 4, 1960. Mr. Patrick DeNapoly continued as dental technician.

During the year there were 5,117 patient visits to the clinic; 1,367 patients received admission and other examinations, and 309 intra-oral x-ray examinations were made; 2,587 treatments were given and 1,854 fillings made. There were 2,923 extractions of teeth, 87 surgical removals of teeth and 52 alveolectomies. The laboratory processed 278 dentures, including 142 full upper or lower, as well as repairing 263 others.

Chiropody

Frank J. Gasser, D.S.C., conducted the chiropody clinic on Tuesday and Friday mornings. He reported that a total of 2,071 patient visits,

860 men and 1,211 women, were made for examination and treatment. There were 22 surgical operations performed. The chiropodist also periodically examined new admissions and gave necessary care and treatment. Special attention was given to the procuring of prosthetic devices and appliances whenever indicated.

Pathology and Bacteriology

Our pathologist, Dr. Abraham J. Gitlitz, has supervised the laboratories throughout the year. Qualified technical help is still in short supply. Bacteriological control of the water and sewage systems has been continued; autoclaves and sterile apparatus used throughout the hospital have been frequently checked. Apparatus is being obtained for the performance of additional test procedures which have become available recently for the more complete clinical evaluation of our patients.

Urinalyses performed totaled 6,811.

Hematology included 3,489 red cell counts, 3,594 leukocyte counts and 3,518 differential counts. There were 3,530 hemoglobin determinations, and sedimentation rate was determined in 468 cases. Blood typing and Rh factor tests totaled 1,363 each.

Blood chemistry determinations included 2,349 urea nitrogen, 5,129 blood sugar, 40 cholesterol, and other special determinations in a smaller number.

Immunological tests included 3,349 determinations of both Wassermann and Kline reactions; there were also 81 complete examinations of spinal fluid. Bacteriological tests numbered 210 smears of sputum for tubercle bacillus as well as 240 other bacteriological determinations. There were 172 feces examinations for occult blood and 147 for ova and parasites.

Among other examinations listed were 193 cephalin cholesterol flocculation liver function tests. From the 147 autopsies performed, 3,230 tissue pieces were examined. The total of all tests performed during the year was 45,062.

Eye, Ear, Nose and Throat

Dr. Sing Bea Chang reports that in addition to the 18 eye operations mentioned above, there were 1,020 eye examinations and treatments on patients and 591 on employees as well as 1,173 routine examinations on new applicants for employment. Refractions on patients totaled 349 and on employees 112. There were 925 ear, nose and throat treatments on patients and 675 on employees.

Staff Matters

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

In the Reception Building, Dr. Pustroem, senior physician, was in charge of the men's admission service; he was assisted by Drs. Zaborowski and Roscher. Dr. Felger, clinical psychiatrist, continued as director of the women's admission service, assisted by Drs. Carracino, Noha and Saracino. In the Clinic Building, Dr. Kessler, clinical psychiatrist, has been assisted by Drs. Mocenigo and Cocilovo on the medical and surgical wards, and Dr. Esposito, clinical psychiatrist, has had the assistance of Dr. Rosenberg on the shock therapy service. Dr. Donovan, clinical psychiatrist, has been responsible for employee's health, assisted by Dr. Hoedemaker. Dr. Mettler has been responsible for neurology; Dr. Chang for eye, ear, nose and throat work; Dr. Melvin for roentgenology and general supervision of the Tuberculosis and Dormitory Building areas. In the Main Building, Dr. Harquail, clinical psychiatrist, gave supervision to the entire building and also directed the women's service until November 1st, when the entire hospital was saddened by his death. Dr. Colonna then directed the women's service in the Main Building, assisted by Drs. Woronzuk, Klimkiewicz and Salov. Dr. Snyder, senior physician, had charge of the men's service, assisted by Drs. J. Cap, Kurzbach and Dolinsky. In the Dormitory Building, Dr. Anderson, clinical psychiatrist, directed the service which cares for the greatest number of elderly patients, assisted by Drs. Hogan, Jurkans, Holinaty, and Jankowski. In the Tuberculosis Building, Dr. Ma, senior physician, was in charge. Covering various wards in their training activities were Drs. Ruggieri, Valvo, A. Cap, Keswani and Jones.

Doctor Crandell continued his active membership in many civic and professional organizations on local, state and national levels. He attended the annual meeting of the American Hospital Association in New York City, where he also attended the National Association or Mental Health meeting. He served on the Arrangements Committee of the American Psychiatric Association and, with Business Manager Neal, participated in the Eleventh A.P.A. Mental Hospital Institute, held in Buffalo. As a result of his trip to England with the group of New Jersey psychiatrists in 1958, he has continued to give frequent lectures and reports on British psychiatry throughout the year. He served actively as a Council member of the New Jersey Neuropsychiatric Association and the New Jersey District Branch of the A.P.A. He was a delegate

to the annual meeting of the Medical Society of New Jersey in Atlantic City, where he attended the annual meeting of the American Psychiatric Association as well and, also in Atlantic City, he joined with members of the American College of Hospital Administrators at a meeting held in conjunction with the Mid-Atlantic Hospital Assembly. His activities with the American College of Physicians made urgent his presence at the annual meeting of the College in San Francisco in April. He maintained his keen interest in Air Force Reserve matters, and in March had two weeks of medico-military training at the U.S. Naval Hospital, Bethesda, Maryland, and in May he served two weeks active duty at Westover Air Force Base, Massachusetts.

Resident Training

The program of training for resident psychiatrists is approved for three years by the Council on Medical Education and Hospitals of the American Medical Association in concurrence with the American Board of Psychiatry and Neurology. The third-year program of training was approved April 22, 1960.

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

Affiliations have been set up in previous years to take interns and residents from the Newark Beth Israel Hospital, the V. A. Hospital at Lyons for a short full-time tour of experience in this hospital. In the

past year we have had a similar arrangement worked out with St. Clare's Hospital in Denville. Residents at the Morristown Memorial Hospital have been invited to attend our seminars and staff meetings for several years now and have come singly and in pairs to take advantage of the opportunity. We welcome these arrangements since it gives us an opportunity to fulfill a community obligation and also gives the affiliates a chance to get to know our hospital so that they may at one time in the future come to Greystone Park on a full-time basis as a resident psychiatrist or member of the regular staff.

Appointments and Resignations

Physicians Appointed

Doulat L. Keswani, M.D.	July 1, 1959
Istvan S. Szabo, M.D.	July 1, 1959
Frederick Carracino, M.D.	August 10, 1959
Vincenzo Cocilovo, M.D.	September 1, 1959
Luigi Saracino, M.D.	December 1, 1959
Edgar A. Hoedemaker, M.D.	December 9, 1959
Irving Rosenberg, M.D.	December 17, 1959
Elfi M. Noha, M.D.	January 18, 1960
Leslie H. Salov, M.D.	February 15, 1960

Physicians Resigned

J. Antonio DeMunecas, M.D.	August 31, 1959
Michael J. Rostafinski, M.D.	September 11, 1959
Wolodymyr Zankiw, M.D.	January 12, 1960
Friedrick K. Racki, M.D.	March 9, 1960
Cesar A. Munoz, M.D.	May 22, 1960
William A. Marshall, M.D.	June 25, 1960
Leslie H. Salov, M.D.	June 30, 1960
Istvan S. Szabo, M.D.	June 30, 1960

Physicians Retired

Helen Mamantov, M.D.	September 6, 1959
----------------------	-------------------

Physicians Deceased

Raymond J. Harquail, M.D.	November 1, 1959
---------------------------	------------------

Other Staff Appointments

Jacob Forman, D.D.S.	April 4, 1960
----------------------	---------------

Other Staff Resignations

The Reverend George R. Tolson, Chaplain	September 15, 1959
Charles D. Halstead, D.D.S.	April 1, 1960

Health Service for Employees

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

staff. His report shows 1,173 physical examinations of new applicants and 12,052 physical rechecks and treatments. Nineteen visitors were given emergency treatment. There were 248 admissions to the employees ward, 244 discharges with three deaths. The usual range of illnesses was treated, the greatest number being in the upper respiratory category.

Nursing

The administration of nursing education and nursing service continued under the supervision of Laetitia M. Roe, R. N., B. S., director of nursing. At the close of the year the professional staff was composed of 101 nurses, which included the director, 5 assistant directors, 5 instructors, 31 supervisors, 19 head nurses and 8 graduate staff nurses, and 32 part-time nurses. In the sub-professional group there were 964 psychiatric aides, which included 123 psychiatric technicians, 203 charge attendants, 615 attendants and 23 part-time workers. In addition, there were 94 student nurses and 24 psychiatric technician trainees.

The assistant directors, Miss Mary Bindas, R.N., M.A., and Mrs. Sophie Longley, R.N., B.S., continued in their nursing service assignments. Miss Elsa Poslusny, R.N., M.A., and Miss Margaret Larkin, R.N., B.S., assistant directors of nursing education, were in charge of the in-service training programs and the affiliate student nurse program respectively. Miss Shirley Eberlein, R.N., M.A., clinical specialist in psychiatric nursing, began September 8. Mr. James Kerr, R.N., B.S., joined the staff as assistant director of nursing service on June 27.

The nursing department concentrated on recruitment of personnel and preparation of all levels for the job and the utilization of personnel toward the goal of administration geared primarily to the therapeutic effect on patients. The committee on nursing service and nursing education and the faculty committee met twice monthly. The standing committee on procedures held 39 meetings; 21 procedures were developed and placed in the procedure books on all wards. The committees on improvement of care conducted monthly meetings in each of the major areas on the day, evening and night shifts. Individual and small group conferences with employees were held by the supervisors in regard to attendance, performance and responsibilities of workers. Representatives from the nursing staff attended the various professional conferences and conventions held in the state. Miss Roe was invited to speak on the role of the psychiatric nurse at 10 meetings which were held by business and professional men's clubs, various women's organizations and future nurses' clubs.

At the end of the year there were 113 vacant positions as compared to 140 the previous year. The teaching staff was augmented by 2 part-time instructors, Miss Mary Watkins, R.N., M.A., and Miss Elizabeth Maloney, R.N., M.A. One supervisor was recruited from outside as a replacement and 3 head nurses were promoted to supervisor positions. On extended sick leave there were 4 supervisors; one for 10 months, one for 6 months and two for 2 months. Minimum coverage was maintained by overtime and part-time nurses. In the sub-professional group there was a total of 47 workers on extended sick leave and maternity leave, exclusive of those who resigned. From July to May, 247 sub-professional employees resigned and 80 used all their sick time; 94 had a balance of one to three days and 73 had a balance of 4 days or over. The records for April, May and June showed that 25 employees had received official letters of warning and reprimand for poor attendance and tardiness and 4 employees were suspended from duty as a second step.

The in-service program for supervisors was repeated three times. Each of the courses, of 12 two-hour sessions, covered all the elements of supervision with emphasis on the group process and the problem-solving method. A total of 63 nurses participated, 25 supervisors, 7 instructors, 12 head nurses, 4 staff nurses and 4 assistant directors of nursing. The experience was also made available to staff of other institutions; 7 supervisors from Ancora, 2 from Neuro-Psychiatric Institute and 2 from Overbrook Hospital attended.

The psychiatric nurse resident program, initiated last September, has prepared 3 nurses to work effectively with psychiatric patients and to assume head nurse functions. They have conducted one research project in the geriatric service and three clinical studies with newly-admitted patients, having been prepared to utilize the research method.

As continuous in-service education, supervisors, head nurses, staff nurses and other nursing personnel have been involved in the weekly work of the standing committee on procedures. The courses in advanced psychiatric nursing and ward administration were made available to professional staff in the first and second semesters of the psychiatric nurse resident program.

The Affiliate Nurse Program: There were 297 student nurses from 14 schools of nursing who completed the 12-week course. West Jersey Hospital, Camden, discontinued the affiliation May 30, leaving a total of 13 schools. In preparation for registration in this country, 40 graduate nurses from 12 other countries also completed the course. The annual inter-agency meeting was conducted in May in a series of 3 small meetings in order to make definite plans to establish rotation dates for only

three classes a year and to set a quota on the number of students.

University Affiliations: The School of Nursing, Rutgers, The State University, sent the following with their own instructors: 26 undergraduates, 5 graduates and 4 graduate fellows during the fall semester and 19 undergraduate students in the spring semester. Seton Hall University sent 16 undergraduate students in two groups for two-day experience-with patients on somatic therapy. Teacher's College, Columbia University, arranged for field experience through June for an instructor in posts graduate study.

The Psychiatric Technician Training Program: There were 31 trainees who completed the one-year course successfully and received certificates at the formal graduation exercises June 23. The course on administering medications was revised and 126 graduate technicians participated in a refresher course on drugs administered at this hospital. The course on remotivation therapy technique included 43 graduate technicians, 27 charge attendants and 11 attendants, as well as the trainees; 103 persons were assigned to patient groups. The remotivation council developed the regulations for practice and forms for referral and for evaluation. The psychiatric aide of the year award, sponsored by the National Association for Mental Health, was given to Frank Clark, charge attendant.

Attendant Training Program: There were 405 employees enrolled in the initial orientation course; 361 completed this and were assigned for a month on a training ward. In the extended training course 112 attendants were enrolled and 86 received certificates. The charge attendant examination was given in July and February with 54 attendants passing successfully. Of those attendants, 49 were promoted to charge attendant positions. A third series of examinations were begun in June.

The Practical Nurse Affiliation: In September the Morris Hills Regional High School sent 8 practical nurse students for the four-week course in psychiatric nursing. Overlook Hospital sent 23 in March.

Inter-disciplinary conferences were held twice monthly in the Reception service. Cooperatively with the psychology department, nursing personnel assisted with the preparation and presentation of case material. The pre-planning sessions for each conference made extensive investigation for the use of all teaching methods to make presentations meaningful, thought-provoking and applicable to the ward situation.

Team nursing was instituted in Reception Building and Clinic Building. Four one-day institutes on team nursing for patient care were conducted by the day, evening and night personnel. A total of 267 persons, including personnel from other areas, attended. The Kardex

system for nursing care plan was instituted in the Reception Building and daily ward conferences are an established practice.

Physiotherapy: A hydrotherapy unit was maintained in the Reception Building under Wilbur T. Riker, registered physiotherapist, where 4,008 treatments were given. In the Dormitory Building 4,307 treatments were given to the patients there by Vera Taylor, physiotherapist.

Barber Shops: The barbers, under Herschel Tucker, head barber, gave 238,968 shaves and 27,804 haircuts to the men patients, while the beauty shops gave 12,728 haircuts, 2,226 shampoos and sets, and 457 waves to the women patients.

Religious Services

Our religious program continued active during the year, with Father John J. White, senior chaplain, heading the program for those of the Catholic faith. The Protestant chaplain, the Reverend George R. Tolson, resigned September 15, 1959, to join the staff of another institution in California, and the Reverend John C. vanDyk supervised the Protestant program as well as serving as Episcopal chaplain. Rabbi Abraham Schnitzer officiated at services for those of the Jewish faith and local readers provided Christian Science service each Wednesday.

Three Catholic services were held each Sunday morning, the first at 7:00 o'clock primarily for employees, and the other two at 8:15 and 8:45 primarily for patients. An average of 25 employees attended each early service and there was an average attendance of 175 patients at each of the other services.

The Protestant worship services had an average attendance of 240 and at the Episcopal services, about 35. The Jewish weekly service usually was attended by 25 patients and the Christian Science service by 20. The clinical pastoral education program was inactive during the year.

Yearly totals show 168 Catholic masses with a total patient attendance of 20,343 as well as 3,092 employees. At 52 Protestant services there was an attendance of 11,353, and at 53 Episcopal services attendance was 2,248. Christian Science services numbered 53 with 1,823 attending; 56 Jewish services had 1,688 in attendance and 26 patients attended the 5 Greek Orthodox services. Extreme Unction was administered to 460 patients and 143 Catholic burial permits were issued; there were 42 burial services for patients, 105 masses offered for patients and 52 for employees, according to the Catholic chaplain.

Social Service

Mr. Herman Carter, M.S.W., has continued the supervision of the social service department and his report has been summarized as follows:

The department has been very fortunate in its recruitment program during the past year and was thus able to both expand its services and also emphasize quality and continuum of service to our patients and their families. Where possible and indicated, the social worker works with the patient and family from the point of admission, continuing through the outpatient department. There has been a significant increase in the number of patients seen by the social workers on the extended basis from admission to discharge from outpatient department. Our present staff consists of twenty social workers, including two seasonal assistants. Due to the heavy demand for services, it became necessary to amend our employment policy relative to not employing untrained social workers and we hired three experienced psychiatric social assistants, with the understanding they would pursue part-time graduate study in a school of social work leading to a Master's degree in social work. We also employed a fourth psychiatric social assistant who has completed one year of graduate study toward the Master's degree. Our staff additions also comprised four trained social workers, including a casework supervisor.

The social service program in the intensive treatment units has definitely matured and our working relationship with the clinical staff now reflects more depth of understanding and recognition of purpose and function. Where follow-up services are indicated, our emphasis is still on having patient and family seen by the appropriate community agency, and during the past year we have apparently succeeded in establishing a good working relationship with many of these agencies in the several communities serviced by this hospital. To illustrate, we succeeded in securing from the Turrell Fund a grant of \$1390 to provide for an adolescent's residential care in an appropriate community facility, the Janet Memorial Home in Elizabeth. This patient might otherwise have remained in the hospital or returned to an unsatisfactory home situation.

In January another milestone was reached by the social service department as we were successful in the placement of our first patient in the community under a new program, Night Care. To our knowledge, this was the first effort in this direction in the State hospital system in New Jersey and was enthusiastically received by the Central Office in Trenton. Since then we have been successful in discharging two additional patients through this medium. It is our feeling that this "night hospital" concept is a valuable addition to our existing program for the rehabilitation of patients and definitely opens up a new avenue for patients' return to the community. Such a program was necessary because we have found that some patients are unable to resume commun-

ity employment and thus become self-sufficient, unless it is through the medium of a "night hospital" arrangement, because of their need of intensive supportive casework services during the transition period from the hospital to reintegration into community life. Family care does not meet the needs of these patients because the casework services are not sufficiently intensive or immediately available on a demand basis, and they are unable to tolerate psychologically the abrupt separation from the protective hospital environment. During the coming year it is hoped that we might be able to expand this program but still on a highly selective basis.

We have continued our use of the group meetings for patients approved for return to the community and their families. It has been our feeling that these meetings have been of invaluable service in orienting and preparing patients for their extramural adjustment. In May, a film "New Chapter" was included in the meetings and used as a basis for discussion. In every meeting where the film has been used the group leader has received very favorable responses and comments, and we feel it has been an immeasurable addition to the usefulness of the meeting. We advised the New Jersey Association for Mental Health of patient and family positive reactions to the film and they are considering donating a print to the hospital.

We had hoped during this year to establish a foundation for an ongoing geriatric program but due to other demands we were only able to complete a very small geriatric project involving five ambulatory patients in the Dormitory Building. These patients were chosen specifically and referred to social service for possible community placement. Of the five, three were successfully placed in the community. We now have permission from the clinical director to begin another project involving twenty newly-admitted patients over sixty years of age to determine what role, if any, social service can play in perhaps reversing the usual long-term hospitalization for geriatric patients through working closely with the clinical staff and the family in planning for the patients' return to the community as quickly as possible, either to the patient's own home or some other community resource, such as a nursing home.

The family care program has continued very actively under the immediate direction of Mrs. Ruth Sears. During the year we had a total of 127 patients receiving family care supervision. Now that we have completed the conversion of our family care program to a rehabilitative process, we were successful in discharging a total of 54 patients, which is an increase of 200 per cent over the number of patients discharged from family care last year. Of this number, a total of 21 were dis-

charged to public assistance divided about equally between Old Age Assistance and Disability Assistance, and a total of 10 patients were reunited with their families and discharged. Seventeen of the patients discharged were employed and capable of living independently in the community.

There has been some comparison during the year between our family care program which is relatively small and some of the other programs in the States which, at times, have been twice as large as ours. Upon study of the small versus the large program, it is our feeling that a great deal more can be accomplished in terms of patient movement and rehabilitation in a program focused on patient resocialization and community reintegration if the responsibilities can be adequately handled by one person. We do not think it is possible for one person to operate a family care program with more than 70 patients, and administer it effectively and rehabilitatively. It is our hope that we will be able to maintain our program at its present level with its present degree of efficiency, progress and turnover. If it becomes any larger, we would have to assign an additional social worker and we do not feel this is warranted since, with two workers in the program, we would not gain maximum usefulness from both of them.

Besides the utilization of family care as a transition for patients from hospital to community employment, social service was also able to place 61 other patients directly into community employment or some sheltered, protective situation.

Statistics for the year reveal that 482 patients were released on convalescent leave, and 411 patients discharged from convalescent leave. A total of 9,378 interviews were made, 7,815 in the hospital and 1,563 in the community. There were 892 histories obtained in the office, requiring interviews with 1,122 persons, and 477 histories were obtained by questionnaire. There were 777 pre-release evaluations and 50 group meetings with hospital patients and relatives preparatory to convalescent leave. A total of 3,091 hospitalized patients received direct casework service.

Outpatients

Dr. Theodore Gebirtig, assistant medical director, has given personal supervision to the work of the outpatient department, in which Miss Mildred H. Hurley has served as the director of social service.

During the past year approximately 400 patients have attended the outpatient department. Of this number, approximately 100 had had no previous contact with this hospital. There were 2,921 interviews held

by psychiatrists, psychologists and psychiatric social workers with and about these patients.

The department is staffed by members of the psychiatric, psychological and social service staffs of the hospital and also by second- and third-year psychiatric trainees as part of their training program. Continuity of service from intramural to outpatient is maintained whenever feasible.

A concerted effort has been made to inform our patients and their relatives of the outpatient services available to them at this hospital. In this connection a brochure has been prepared which describes the purpose and function of the department. This brochure is distributed to patients leaving the hospital and to their relatives. It is our opinion that distribution of this brochure together with our other educational efforts has been largely responsible for a noticeable decrease in the number of failures to keep appointments.

We have fortunately been able to enlist the services of members of the Greystone Park Association who have provided transportation for our patients who would not otherwise have been able to attend our clinics.

There have been several conferences with public health nurses for the purpose of defining their role in the aftercare program.

Psychology

Stanley Liutkus, Ph.D., was promoted to principal psychologist during the year and headed the department, consisting of Eugene Gadson, M.A., acting senior psychologist who came to us from Bordentown in January; Miss Norma Watts, M.A., who was promoted to clinical psychologist I; Christopher Farrell, M.A., clinical psychologist I; William Cohen, M.A., clinical psychologist II who transferred here from Bordentown; and Ronald Eckstein, M.A., who filled an internship here.

The total number of patients screened was 1,011, for which 3,738 separate psychological tests were utilized. An extensive battery of projective techniques was individually administered to 185 patients referred for differential diagnosis and personality dynamics, as well as indices of improvement from treatment in several cases.

The group-administered screening battery has been quite helpful and has been augmented by individually-administered batteries on patients referred by their ward physicians. Special work was done with the children housed in the hospital, each case being brought up-to-date with further psychometric evaluation. Psychotherapy has been provided to three groups per week, Mr. Gadson meeting with young adult psychotic men and Miss Watts functioning with women patients. Mr. Farrell con-

tinued to work with the special sex offender cases under Dr. Longley's direct supervision.

Seminars were utilized in training of the psychology staff as well as workshops, and lectures were given to affiliate nurse groups, psychiatric technician trainees and others. Research activities include development of a test battery for selection of psychiatric trainees. Considerable work of a public relations nature was performed by various members of the staff.

Activity Therapies

Mrs. Lucille Boss, M.A., has continued to coordinate the various special therapies in the activity program and has been assisted by Fred Odhner, director of occupational therapy; Dorothy Johnson, supervisor of recreational therapy; and Flora Bel Dayton, senior librarian. Mrs. Enid Lathrop joined our staff August 3rd to head up the volunteer activities. There has been a gradual increase in both recreational and occupational therapy and the full-time volunteer services assistant has made possible greater recruitment and training of volunteers.

The most significant addition to occupational therapy facilities has been the completion of the homemaking rehabilitation unit, including a kitchen and laundry equipped with all the latest appliances and a dining and living area. The recreation program has been augmented in the completion of the bandshell building, which provides the recreation area with locker room and shower; there are also toilet facilities for men and women which are arranged for use during visiting days when patients are on the grounds as well as by patients during regular recreation periods. The adjoining outdoor basketball court has proven to be most popular, for employees as well as patients. The bandshell platform provides a stage for the presentation of varied outdoor performances in addition to band concerts. A public address system contributed by the Greystone Park Association is most helpful, as well as making recorded music available to playgrounds and the adjoining picnic grove. The natural amphitheatre and the new benches provided by the New Jersey League of Women Bowlers make it possible to comfortably seat all the patients and employees who can be expected to attend these programs.

Recreational activities have been carried on by nursing department personnel in addition to the regular program of ward classes and games. The outdoor picnics have been very popular during the warm-weather months and ward parties sponsored by various organizations have brought much cheer during the colder seasons. Such regular events as the

Christmas play, spring concert and patients' fashion show have continued to be popular and well-received.

In occupational therapy the program has shown some gradual growth with particular emphasis on activities that assist the individual patient toward recovery and less emphasis has been placed on producing salable material. Over one thousand patients receive some form of occupational therapy and the sales room is still quite active in the women's arts and crafts shop.

The print shop, under the direction of Thomas Beresford, foreman, maintained its normal production schedule, bringing out the hospital magazine, *The Psychogram*, each month and doing the printing and binding for the hospital.

Mrs. Johnson and her recreational assistants and aides maintained an excellent all-year-'round program, which included softball during the summer and bowling during the winter months as well as the regular motion picture schedule in the auditorium and 16 mm. movie presentations in the shut-in wards. Choir work and choral singing with a spring concert as well as some individual instruction was continued in the music appreciation program.

The patients' libraries under Mrs. Dayton, senior librarian, maintained an excellent schedule of activities which were much appreciated by the patients and employees alike.

Pharmacy

John V. Callery, R.P., has continued as pharmacist-in-charge and his report shows that there is a leveling-off in the use of the tranquilizers. Some new anti-depressant drugs have been added to the formulary and a drug for oral use has been introduced to supplement insulin in the handling of diabetes. The institutional pharmacy committee met three times and the institutional standardization committee twice during the year with the purpose of accomplishing some standardization of drugs and medical supplies to enable us, hopefully, to get more for our money. All medicine cabinets on the wards or in departments have been inspected by the pharmacy department, out-dated drugs removed and sedatives and narcotic records checked for accuracy.

A total of 36,600 individual prescriptions and 14,697 ward orders were filled during the year; 3,859 units were prepared in the Fenwal sterile solution division.

Identification

Leo J. Boulris, identification officer, has continued to fingerprint and photograph all newly-admitted patients and to make a second com-

parison photograph of patients prior to their discharge. Fingerprints were also taken on all applicants for employment.

Medical Records

Joseph Brown, R.R.L., has continued in charge of the medical records office, where the clinical records of all patients who have been in this hospital are maintained. Some innovations in forms and statistical reporting have been carried out under a program of the statistical section of the Central Office.

Greystone Park Association

Mrs. Judith H. Swain, president of the Greystone Park Association, reports that during the year duties and assignments were conscientiously carried out. Among the achievements of the year was the raising of \$8,326.42 for various projects including more than \$1,500 for the Christmas fund and more than \$1,000 for the good-grooming program as well as \$1,300 for the home-making area.

Workshop sessions were held early in the year under Mrs. William Gurtman, who served only a brief term as president since she withdrew to become a member of the hospital Board of Managers. Good public relations were furthered by many talks to organizations and on the radio. The membership chairman reported an active growth and the supply rooms carried a double load, handling 52,000 articles including clothing, and receiving and forwarding more than 6,000 pounds of nylons, which provided three new television sets. The Twig program, now four years old, boasts 14 chapters and continues to grow. In the Christmas program this year was included the many turkey-dinner parties held for working patients at which the Association members served as hostesses and gave out extra Christmas gifts. Ward parties have continued to be an important part of the recreation program, and the affiliate teas for our nurses from other hospitals, which send students here for training in psychiatric nursing, has been continued in a gracious manner.

Business Department

All operations of the hospital not directly clinical in nature have been under the immediate supervision and direction of Mr. John T. Neal, Jr., who has completed thirteen years as business manager of this hospital. His responsibilities include the coordination of such activities as financial accounting, food service, laundry and linen control, engineering and maintenance, and fire and police. He has rendered excellent cooperation with all divisions of the hospital, and has summarized the operations of his department as follows.

Business Office

The activities of the business office continued under the supervision of George Zelenak, supervising accountant, assisted by Thomas Aduabato, acting senior accountant, and under the general supervision of the business manager.

Richard Gessner, assistant business manager, has inaugurated many improvements in the food service, laundry, household, linen control and stores department and has been most cooperative to the business manager in helping to solve the many complex problems which develop daily in the business department.

Mr. Zelenak reports that collections for the fiscal year 1959-60 were \$4,678,011.99 as compared with \$4,270,798.92 collected in the fiscal year 1958-59, again a new high for collections and \$378,011.99 above the budget estimate.

Institutional Adjuster

During the past fiscal period our institutional adjuster, Alan T. Lavery, and his staff continued their excellent work in following up their duties.

Social Security payments received during the year again reached a new high with the payments totaling \$202,733.45 as compared with last year's figure of \$160,604.15. The effect of the filing of liens by this office and county adjusters is reflected in the payment of \$124,523.94 into the maintenance account as compared with last year's figure of \$99,233.99.

Hospital insurance benefits payable on behalf of the patient or his responsible relative resulted in collections this year of \$82,756.90 as compared with \$98,316.10 collected during the past fiscal period.

Our adjuster made 120 visits to county adjusters served by this hospital and 95 personal calls were made to patients' families, 135 liens were filed, 1,795 court orders processed and 6,975 claim forms filed.

Personnel

This department continued under the direct supervision of Richard Winans, personnel director, assisted by Karl Marx, William Loeber, and Richard Langbein. Larry Skurnik resigned his position September 18, 1959; Mr. Langbein started at this hospital September 21. Mr. Winans reports as follows:

The personnel department provided 3,326 interviews to applicants during the year ended June 30, 1960. As a result, total employee enrollment increased as of June 30, 1960, to 1,971 as compared with 1,962 for the same date last year. This small increase is gratifying. There

were periods when it appeared that we would show a considerable decrease caused by a lack of suitable applicants. This may be attributed to some extent to salaries which are lower than comparable places of employment. The Martland Medical Center, Newark, located in our chief area of personnel recruitment, pays \$2,800 per annum for institutional attendant, while we can offer only \$2,520. The working conditions are practically the same for both hospitals.

The department hired 783 applicants while 774 employees terminated their services, for a yearly turnover rate of 39.3 per cent for the entire hospital, which is a slight increase over last year's figure of 36.8 per cent.

Twelve sessions of supervisory training were held by the personnel director with the assistance of Mr. Marx and Mr. Loeber; 33 supervisors participated, representing food service, engineering, occupational therapy, building service, police, laundry and medical-clerical.

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.

During the year we received two reclassifications of institutional patrolmen to head patrolmen, so that our force today consists of 5 head patrolmen and 14 institution patrolmen, which allows us to have one head patrolman in charge of each shift.

Our civil defense auxiliary police, numbering 26 volunteers, rendered excellent service during civil defense alerts and they were also called upon to serve at times during the year to assist our regular police officers in handling traffic during institutional activities.

On January 15th the department placed in operation its new transistor equipment base radio station. This unit was necessary since our old Link base station, which operated on a broad band, became obsolete and illegal to continue in use as it was creating interference with the neighboring police units. The new unit is a narrow-band set which corrected this interference.

The following statistics indicate the part our police department plays in the operation of our institution: Crimes investigated, 269; disorderly person complaints investigated, 10; disorderly persons arrested, 10; other arrests, 7; motor vehicle accidents, 20; missing patients apprehended, 74; miles covered by police cars, 48,754.

Fire Prevention

The fire department continued under the direct supervision of Chief Charles H. Acker, assisted by two assistant fire chiefs, Frank Y. Neer

and Paul Horning, and three uniformed firemen drivers, Robert K. Wright, Thomas Reardon and Joseph Brockman. The volunteer brigade consisted of 65 employees who serve at their pleasure.

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

Routine fire inspections were made during the year throughout the entire hospital, and we feel that the prompt correction of violations reported materially reduced both the number and severity of our fires.

Semi-monthly fire drills were conducted for volunteer officers and firemen. Weekly fire orientation lectures were conducted at fire headquarters for all new employees.

We had no large fires during the year. Our fire department answered 59 fire and 11 miscellaneous emergency calls with a total reported fire loss of \$584 to State property, which is an indication of the prompt and efficient service rendered by a well-trained department under the supervision of excellent paid officers and men.

Garage

Our main garage continued under the direct supervision of William Walton, Jr. We are indeed fortunate to have a well-equipped garage and well-trained mechanics and drivers, and we are proud of the condition of our fleet of both passenger cars and trucks, which is a reflection of the excellent work being done by this department.

The same condition prevails in our grounds department garage under the direct supervision of Britton Koch. All our heavy-duty equipment such as bulldozers, power shovels, tractors and trucks is maintained by this garage and, in addition, we are frequently called upon by our Central Office to assist other institutions in repairs to their heavy-duty equipment.

This department has done an outstanding job in rebuilding war-surplus equipment, such as mobile cranes, bulldozers, welding machines and the like, and in utilizing this equipment to the benefit of not only our own institution but other institutions throughout the State.

Laundry

The laundry department continued under the direct supervision of Floyd Evans. During the year 5,774,523 pounds of laundry were processed. This included complete laundry service for our patients and employees living within the confines of the hospital.

Two new Ajax shirt-pressing units were received during the year and will contribute to the efficiency of this department. The existing set-up of presses is being moved from the front area to the center section, which should make a more satisfactory work-flow situation. A 300-pound-capacity combination washer-extractor has been ordered from the American Laundry Machinery Company and this will reduce labor by eliminating one step in processing to the extent of its capacity.

A new 900-pound-capacity washer to replace 2 old washers has been approved and will be installed in the early part of the next fiscal period, which will greatly increase the efficiency of the washroom area. During the year a new laundry loading platform was built between the laundry and the storehouse and has greatly improved the handling of clean laundry.

Building Maintenance

The building maintenance department continued under the direct supervision of Graham Tunis. Martin Schweikhardt, foreman, continued in charge of the housemen and janitorial services. Mrs. Alberta Dupree was promoted to head housekeeper, replacing Mrs. Ellen Johnson who retired October 6. Mrs. Dupree has done a commendable job continuing the fine work of this department. The bed shop continued under the supervision of Anthony Gangemi, foreman, and the project of scheduling bed repairs and repainting beds ward by ward has continued most satisfactorily throughout the year.

The central linen rooms located in the Main, Clinic and Dormitory buildings continued to efficiently handle all linen supplies throughout the hospital under the supervision of Mrs. Gertrude Carr.

During the year the upholstery department, under the very able supervision of John Savis, foreman, moved to its new quarters in the Shop Building. The main items of production were as follows: 2,015 mattresses made or repaired, 919 pillows made, 3,138 pairs of shoes repaired, 9,547 square feet of new flooring installed, 2,568 square feet of floor covering repaired, 436 window-shades made, and 108 pieces of furniture upholstered, together with many other items too numerous to mention.

The tailor shop continued under the supervision of Frank DiPrimo, head tailor. This shop altered 360 patients' suits, pressed and repaired 224 patients' suits, altered 528 patients' pants, made 317 laundry bags, repaired 1,701 laundry bags, made 390 blankets from federal surplus woolen materials, made 460 seat pads for the recreation department and did many other related jobs.

Food Service

The food service department continued under the direct supervision of John W. Evans, food service supervisor grade I, assisted by Mrs. Jean A. Epstein, administrative dietitian, and Alvin Washington, supervisor of kitchens, both holding the title of assistant food service supervisor grade I. Our senior dietitians were Carl F. Neuman in charge of dining rooms and Miss Georgianna Godwin in charge of special diets and assistant to the administrative dietitian. Head cooks grade I were William Taylor, Harry Warner and Harry Pengilly, who continued in charge of the employees' cafeteria, Main Building kitchen and Dormitory Building kitchens respectively, while head cook grade II, Mrs. Josephine Bond, continued in charge of the Abell Building kitchen. Head cooks grade III, John Black, Mrs. Laura Stull and Lawrence Ezell, were in charge of the nurses, special diet and T. B. kitchens respectively.

Our butcher shop continued under the supervision of the head butcher, William Bozzert, who reports that his department processed 537,445 pounds from outside vendors and 160,000 pounds of hospital beef, pork and chickens for a total of 697,445 pounds.

Our bakery shop continued under the supervision of head baker, Otto Schumacher, who reports the following output for the year: 476,160 loaves of bread, 9,500 dozen rolls, 18,135 cakes, 26,596 coffee cakes, 10,683 pies, and a miscellaneous assortment of cookies, muffins, etc.

We were again very fortunate in obtaining food commodities through the federal surplus commodity program, with the following having been received during the year: Powdered milk, 64,152 pounds; lard, 29,928 pounds; dried eggs, 1,338 pounds; butter, 35,680 pounds; flour, 586,000 pounds; rice, 39,900 pounds, and cornmeal, 7,900 pounds.

Sanitarian

Our sanitarian, Milton Vreeland, continued the close relationship with our food service department, making routine inspections of food service areas, testing commercial detergents, degreasers, etc., and working very closely with our pathological laboratory in testing food containers and utensils. Mr. Vreeland has also worked very closely with our exterminating department in regard to insect and rodent control.

Farm

All branches of the farm department continued under the direct supervision of James Stuart, farm supervisor, assisted by John Zeis, head gardener, Kenneth Hoagland, head farmer, and Edward Ader, head dairyman.

The farm production was valued at \$18,409.57 as compared with \$21,987.70 last year.

During the year 1,340,860 quarts of milk were produced together with other products having a total value of \$181,337.27 as compared with \$183,159.68 for last year. Our dairy census was as follows: Milking cows, 242; dry cows, 55; heifers, 101; calves, 37; total animals, 435.

Our piggery, under Howard Hoffman, produced 113,835 pounds of pork and the total value of production was \$34,627.50 as compared with \$44,443.90 last year. Piggery census on June 30, 1960, was 451 animals.

The poultry plant continued under the supervision of Alfred Garretson. The plant produced 36,318 dozen eggs and 9,989 pounds of fowl, for a total value of \$17,200.63 as compared with \$19,788.28 last year. The hennery census on June 30, 1960, was 4,204.

The grand total of products from the dairy, farm, piggery and poultry plants was \$251,574.97 as compared with \$269,379.56 last year.

The greenhouse and grounds department remained under the direct supervision of Britton Koch who, during the year, was promoted to superintendent of institutional grounds, I and A. He is now responsible for not only maintaining and landscaping our grounds and supervising the utilization of heavy equipment, concrete block plant, sawmill and greenhouse garage, but he also supervises specialty ground work at other institutions throughout the State. The sawmill was not in operation during this past fiscal period. There was no production at our cinder block plant during the year; however, 6,930 blocks valued at \$1,386 were used for various projects throughout the institution, leaving us an inventory on June 30 of 4,708 blocks available for institutional use.

Gus Salvesen remained in charge of all our trucking and hauling projects. Frank Roberts continued to supervise the exterminating department.

Storehouse

On April 16, 1960, Lloyd Henion, storekeeper, retired and his position has been filled by Richard Chamberlain, storekeeper grade I, assisted by Lawrence Merkle, Carleton Sturtevant and Joseph McKiernan, storekeepers grade II.

Engineering

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

During the year the power plant consumed 12,152 tons of coal and 2,491,617 gallons of oil to produce 414,889,525 pounds of steam to heat all our major buildings and to generate 1,816,290 k.w.h. of electricity. In addition, we purchased 4,586,400 k.w.h. from the Jersey Central Power and Light Company.

Statistics from our water department are as follows: total consumption was 422,780,000 gallons as compared with 397,040,000 gallons last year. There were 239,580,000 gallons pumped this year as compared with 263,565,000 gallons pumped last year, the balance of water being obtained from our reservoirs.

Our sewage disposal plant continued under the direct supervision of James Long, assisted by Joseph Garris. The plant handled 372,987,000 gallons of flow compared with 357,526,000 gallons handled last year.

During the year work was started on the installation of two new oil-fired boilers, the installation of a 10-inch water loop around the Main Building, the installation of a new steam line between the Main Building and the Clinic Building, and the installation of a new electric feeder cable to supply the entire Main Building.

Service Unit

Vincent VanInwegen continued as manager of our service unit, assisted by Mrs. Florence Reed. The total net sales for this year were \$238,882.75 as compared with \$259,574.76 last year. The revenue from our automatic vending machines, was \$3,100.48 as compared with \$2,581.08 last year.

Construction

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

During the year the bandshell building, designed by L. Freeland Fellgraff, architect, and constructed by Bontempo Construction Company of Morristown, was completed and placed in use. This building has greatly improved the recreational facilities of the hospital and during the spring, summer and autumn months was in almost daily use.

A. G. Schultes and Sons of Woodbury, New Jersey, completed the drilling of two wells at our well field located on Maple Avenue, Morris Plains. These wells will be connected with the institutional water system during the next fiscal period.

A new quonset-hut-type building was constructed on top of the horse barn first-floor foundation and is now in full use as a storage barn for baled hay.

Two new 44,000-pounds-per-hour oil-fired steam boilers were ordered from Titusville Iron Works and are now in the process of being installed under the direction of Engineers Company of Newark, New Jersey. When complete these two new boilers together with the two Combustion Engineering oil-fired boilers will give us an hourly capacity of approximately 150,000 pounds of steam.

Contracts have been awarded to the Elliott Company for the installation of a 700 k.w. steam turbine generator. The installation now underway is being supervised by Engineers Company, Newark. When placed in operation, this unit together with the Moore turbo-unit of 500 k.w. and the General Electric turbo-unit of 300 k.w. will give us a generating capacity of 1,500 k.w.

Two new elevators were installed by the Burlington-Burwak Elevator Company in buildings Units A and B, replacing the hand-operated units. This work was under the supervision of Moon, Iwatsu and Macsoud, architects.

A new Selbatex floor was installed on ward 11 Reception Building by Selby, Battersby and Company of Philadelphia.

Contracts were awarded during the year to Carl Schultz and Company, Newark, for the installation of an additional electric feeder to supply the five 2400-volt vaults supplying the electricity to the entire Main Building. This work is being supervised by Vogelbach and Baumann, engineers, and should be completed during the next fiscal period.

During the year the window guards were replaced on wards 28, 41 and 43.

A self-contained air-conditioning unit was installed during the year in the patients' conference room in the Reception Building.

A complete renovation and modernization of our major operating suite was completed during the year. The project cost \$69,000 and involved installation of conductive flooring, ceramic tile sidewalls, new scrub-up and work areas, major and minor operating rooms and entire suite completely air-conditioned. The architect was Leslie M. Dennis and Sons of Elizabeth, New Jersey, and the general contractor was Edgar Hill Contractors, Inc., of Woodbridge, New Jersey.

Recommendations

The following recommendations are listed by priorities in our capital construction budget request for fiscal year 1961-62. Many of these items were included in prior budget requests together with additions and improvements to be considered on a long-term basis.

1. Main Building Renovation Tier 1 South and Center: \$775,000. We still need to renovate the front center and tier 1, Main Building South. The rest of the Main Building South tiers 2, 3 and 4 have been made fire-resistant but the remaining areas are a serious fire and life hazard.

2. Renovation Dormitory Building Center: \$1,000,000. From bond issue money we have completely fireproofed and renovated both the south wing women patients' quarters and the north wing men

patients' quarters. The completion of these two wings leaves the center section still to be modernized and fireproofed. The failure to include this area in the past program leaves an extremely dangerous area to both employee occupants and the patients housed in the adjacent areas, as this center section houses three staff apartments, twenty employee quarters, physician and nursing offices, library, linen rooms, etc.

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

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

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

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

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

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

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

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

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

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

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

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

9. Recreation Building: \$500,000.

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

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

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

11. Improvements to Dairy, Laundry, Storehouse, Kitchens, Shops, etc.: \$500,000.

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

12. Improvement to Steam and Electric System: \$600,000.

We request replacement of 33-year-old 300 k.w. General Electric turbo-generator with new 700 k.w. turbo-unit identical with unit now being installed. Also requested are the replacement of the obsolete open-front slate panel, 32-year-old switchboard with modern dead-front steel enclosed board and the installation of a 75 k.w. motor-generator set and the replacement of electric cables, steam mains and ornamental street lighting where necessary.

13. Administration Building: \$750,000.

We request consideration of an administration building. Our hospital

has grown so large that our present accounting and office space is entirely inadequate. Having all our office facilities consolidated will permit greater efficiency.

We also have three items which we have requested under "Urgent Capital Replacement and Improvement Projects," which we feel should receive special consideration as they affect the health and welfare of our patients.

Item 1. Additional Incoming Power Service: \$71,500.

Our present incoming power service is entirely too small to handle our entire electrical load, and an additional cable together with necessary transformers, etc., should be provided to make it possible for the local utility company to supply all our needs, should anything happen to our present generating equipment or steam plant. We estimate this cost to be \$71,500.

Item 2. Improvement Main Building Heating: \$330,000.

In extremely cold weather, especially with a strong north wind blowing, it is impossible for us to heat adequately many sections of our Main Building. Additional motor-driven heater units with adequate condensate pumps and return lines are necessary to correct this condition.

Item 3. Replacement Electric Wiring Clinic Building: \$144,000.

Our Clinic Building was originally wired for direct current in 1920, using "Old Code" wiring which has become very brittle and almost impossible to repair without replacing the entire circuit involved. We have suggested that this entire project be divided into three parts and done under a continuing program under Force account as it will be necessary to make these corrections and still keep the building in service.

Loss of Employees by Retirement or Death

Sixteen employees retired during the year:

Matthew J. Hamilton, senior food service worker, employed November 15, 1950, retired July 13, 1959.

Helen Brynildson, institutional charge attendant, employed October 11, 1933, retired September 30, 1959.

Bertha Larson, senior laundry worker, employed April 16, 1929, retired September 30, 1959.

Ellen M. Johnson, head housekeeper, employed December 29, 1948, retired October 6, 1959.

David J. Walsh, institutional patrolman, employed August 7, 1948, retired November 15, 1959.

Floyd B. O'Rear, institutional charge attendant, employed May 10, 1946, retired December 11, 1959.

Richard Yerry, institutional charge attendant, employed July 23, 1929, retired December 11, 1959.

Hugh Howerton, institutional charge attendant, employed April 4, 1945, retired December 25, 1959.

Elizabeth Carroll, institutional charge attendant, employed August 1, 1945, retired January 31, 1960.

Martha Buchwald, clerk stenographer, employed April 29, 1937, retired February 1, 1960.

Eugene Gilligan, plumber-steamfitter, employed August 14, 1929, retired February 15, 1960.

Frank Zak, senior food service worker, employed December 27, 1946, retired February 25, 1960.

Ogden Williams, institutional charge attendant, employed September 11, 1949, retired March 28, 1960.

Lloyd Henion, storekeeper I, employed April 6, 1936, retired April 15, 1960.

James Korff, institutional charge attendant, employed April 22, 1946, retired May 13, 1960.

Emma Vanderhoof, senior laundry worker, employed March 5, 1924, retired May 27, 1960.

Fifteen employees died during the year:

Florence Herron, senior clerk bookkeeper, employed August 13, 1953, died July 9, 1959.

Lawrence Mackey, plumber, employed March 13, 1940, died July 13, 1959.

Ulyses Wilson, institutional charge attendant, employed June 14, 1946, died August 1, 1959.

William Burke, mechanical helper, employed June 6, 1952, died August 18, 1959.

Ralph Madden, occupational therapist, employed October 29, 1923, died August 19, 1959.

John Harple, institutional charge attendant, employed September 7, 1939, died September 18, 1959.

Pearl Daniel, institutional charge attendant, employed September 28, 1953, died September 25, 1959.

Richard Ramsey, foreman plumber, employed May 4, 1920, died October 2, 1959.

Robert Vandervliet, truck driver, employed November 1, 1949, died October 7, 1959.

Raymond Harquail, clinical psychiatrist, employed January 21, 1925, died November 1, 1959.

Frank A. Fazio, institutional patrolman, employed January 13, 1947, died February 23, 1960.

Charles J. Tompkins, institutional charge attendant, employed January 15, 1957, died February 28, 1960.

John K. Leenstra, operating engineer, employed January 30, 1957, died May 26, 1960.

Cornelius F. Beers, foreman machinist, employed January 21, 1921, died June 17, 1960.

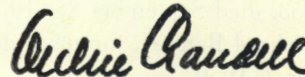
William Tamulis, institutional attendant, employed August 2, 1948, died June 19, 1960.

Conclusion

We have maintained an acceptable treatment program in which our medical and nursing staff has shown continuing interest in expanding and improving. Recruitment of staff, particularly psychiatrists and graduate nurses, is still a pressing problem, and the rapid turnover in the ranks of other nursing personnel highlights our need for better calibre workers in these fields. The augmented activities program with new facilities available has been an important element in our patient care, as has been the increase in remotivation therapy and the greater use of the team nursing approach. The use of tranquilizing drugs has leveled off while there is increasing interest in the possibility of psychic energizing drugs. The appointment to the staff of a volunteer services assistant makes possible a greatly expanded use of volunteers in the hospital.

We are grateful to all those, physicians, nurses and aides, who have worked so diligently in the care of patients. I am most appreciative of the close cooperation with which Mr. Neal, the business manager, has worked with me. I am grateful to the Board of Managers, collectively and individually, for their continuing interest, regular attendance and helpful guidance, and to Commissioner Tramburg, Doctor Davis and the members of the Central Office staff, who have been a constant source of inspiration, assistance and advice.

Respectfully submitted,



*Medical Superintendent and
Chief Executive Officer*

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time		
	M.	W.	M. W.
Grand Total.....	897	1012	29 33
MEDICAL ADMINISTRATION—Total.....	410	868	29 33
1. Superintendent and Chief Executive Officer.....	1		
2. Assistant Superintendent and Chief Executive Officer...	1		
3. Clinical Director.....	1		
4. Assistant to the Clinical Director.....	3		
5. Other Physicians—Total.....	29	5	7
a. Ward duty—direct care of in-patients.....	25	5	
b. Specialists (cardiologists, roentgenologists, etc.).....	3		
c. Pathologists.....	1		
d. Internes.....			
6. Dentists.....	2		
7. Dental Internes.....			
8. Pharmacists.....	3		
9. Graduate Nurses—Total.....	5	63	
a. Supervisory or administrative duty.....	4	37	
b. Ward duty—direct care of in-patients.....	1	25	32
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 94 affiliate nurses)			
a. Ward duty.....	304	677	22 1
b. Special duty.....			
11. Occupational Therapists and Assistants.....	14	24	
a. Professional.....	5	14	
b. Occupational Therapy Aides.....	9	10	
12. Physical education directors and teachers.....	3	9	
13. Medical Clerks.....	6	59	
14. Other Employees.....	36	20	
15. Hospital Social Service - Parole Division - Total.....	2	11	
a. Director.....	1	1	
b. Social Workers.....	1	10	

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time	
	M. W.	M. W.
BUSINESS ADMINISTRATION—Total.....	487	144
16. Business Manager.....	1	
17. Assistant Business Manager.....	1	
18. Clerical Employees including Stenographers and Bookkeepers.....	15	21
19. Dietitian.....	1	2
20. Housekeeping Employees.....	31	23
21. Farm Employees.....	82	
22. Other Employees.....	356	98

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Patients on books first day of year—Total	5759	2639	3120
Resident	5143	2365	2778
In family care	71	24	47
On convalescent leave	433	189	244
On brief or temporary visit	86	35	51
Missing	25	25	0
Medical-Surgical	1	1	0
Admissions during year—Total	1817	865	952
First admissions	1128	582	546
Readmissions	669	269	400
Transfers from other hospitals for mental diseases	20	14	6
Total on books during year	7576	3504	4072
Discharged during year	1402	693	709
As recovered	520	250	270
As improved	857	421	436
As unimproved	2	1	1
As without mental disorder	23	21	2
Discharged directly from hospital	924	483	441
Discharged while on convalescent leave or otherwise absent (excluding deaths) Deaths on convalescent leave or other- wise absent from hospital	474	206	268
.	4	4	0
Transferred to other hospitals for mental diseases	38	32	6
Died	519	243	276
Total removed from books during year	1959	968	991
Patients on books last day of year—Total	5617	2536	3081
Resident	5065	2316	2749
In family care	55	20	35
On convalescent leave	360	141	219
On brief or temporary visit	111	34	77
Missing	26	25	1
Average daily resident population	5128	2339	2789
Average daily population on books	5607	2540	3067
Total placements on absent status	7884	2942	4942
Total returns from absent status	7470	2786	4684

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

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Receiving special care first day of year	2	0	2
Admitted for special care	13	0	13
Discharged from special care	12	0	12
Died while receiving special care	1	0	1
Receiving special care last day of year	2	0	2

	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year	0	0	0
Babies born during year	7	5	2
Babies discharged during year	5	3	2
Babies died during year	0	0	0
Babies in hospital last day of year	2	2	0



THE NEW JERSEY STATE HOSPITAL
AT GREYSTONE PARK

