

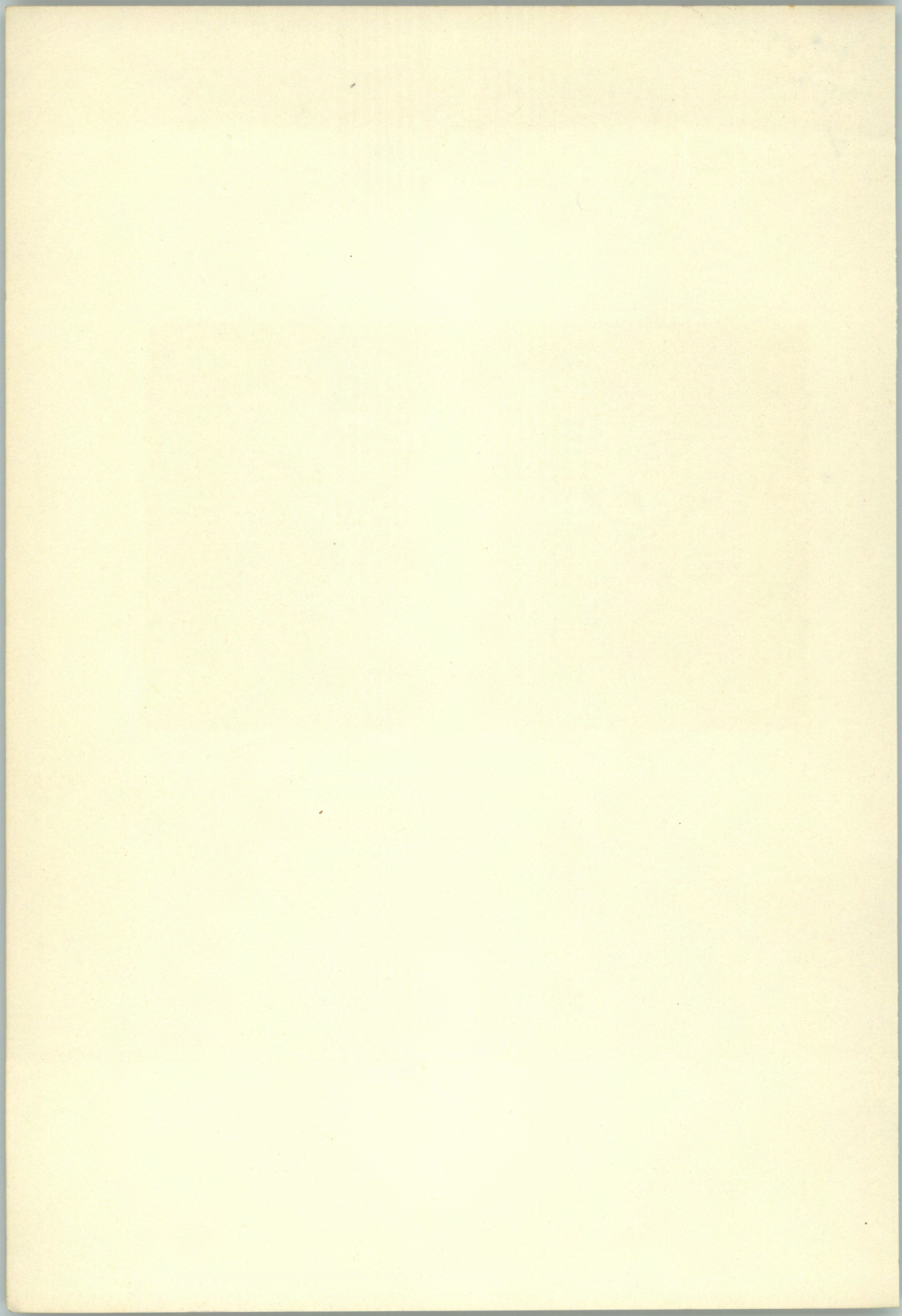
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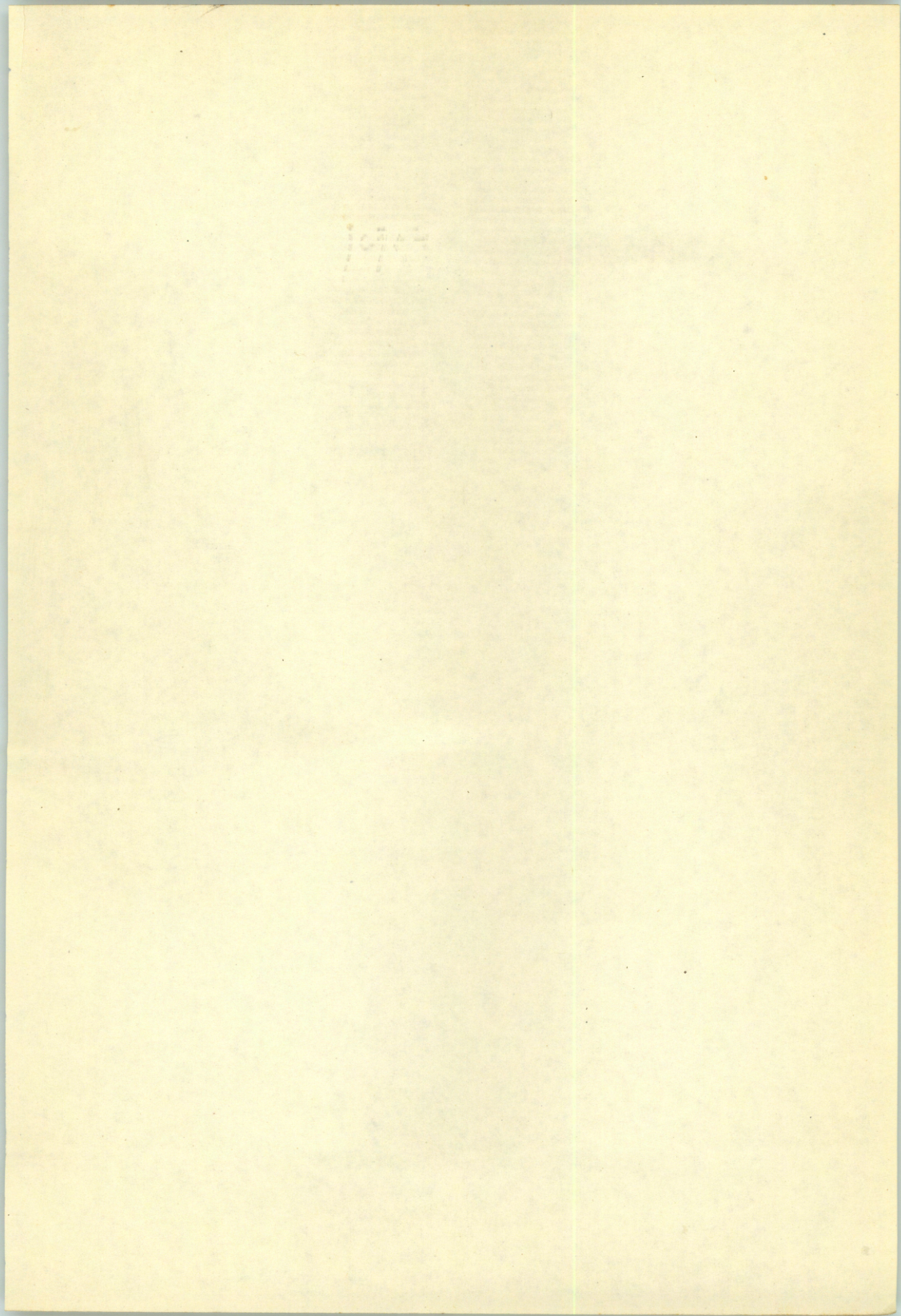
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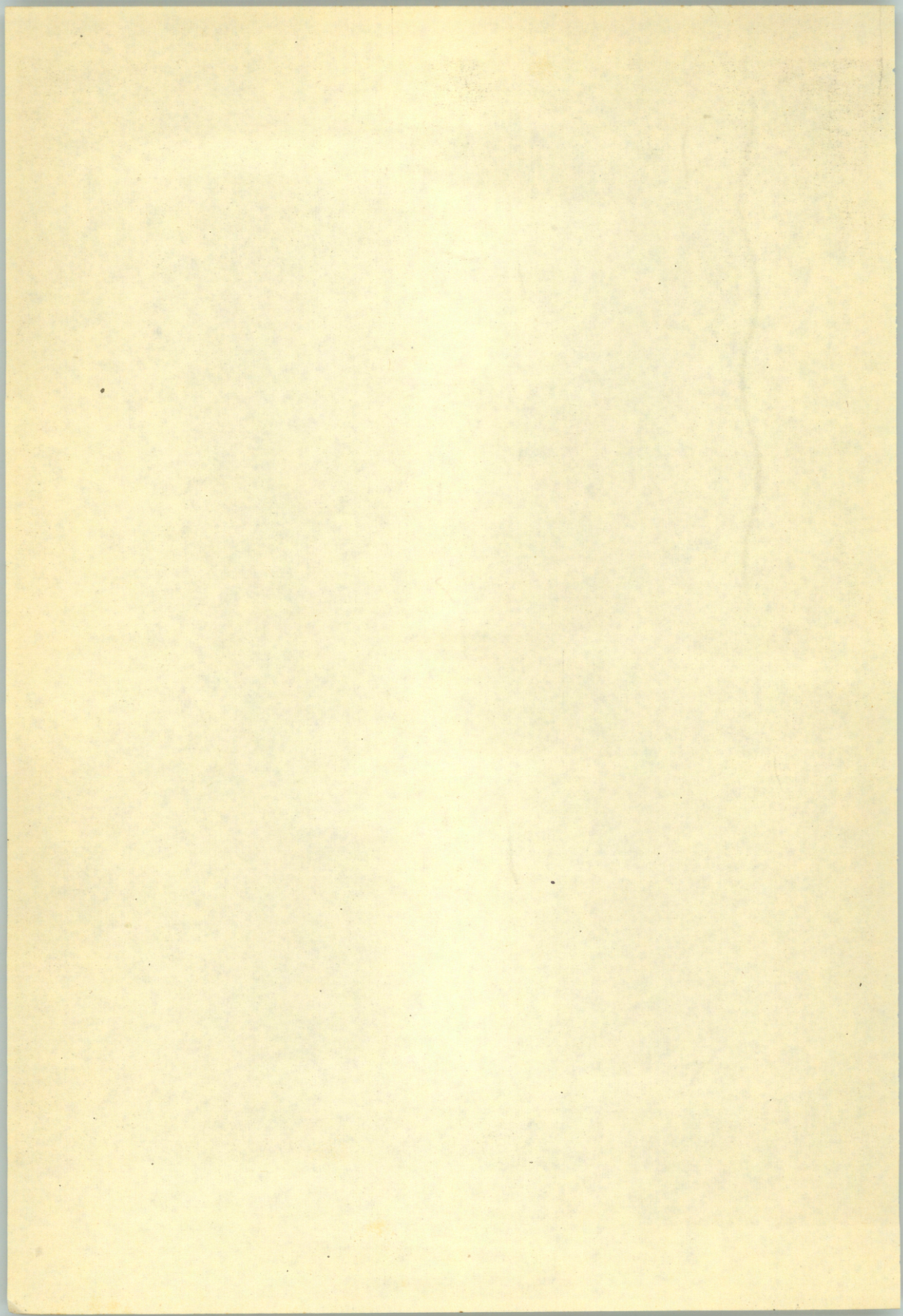
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Annual Report
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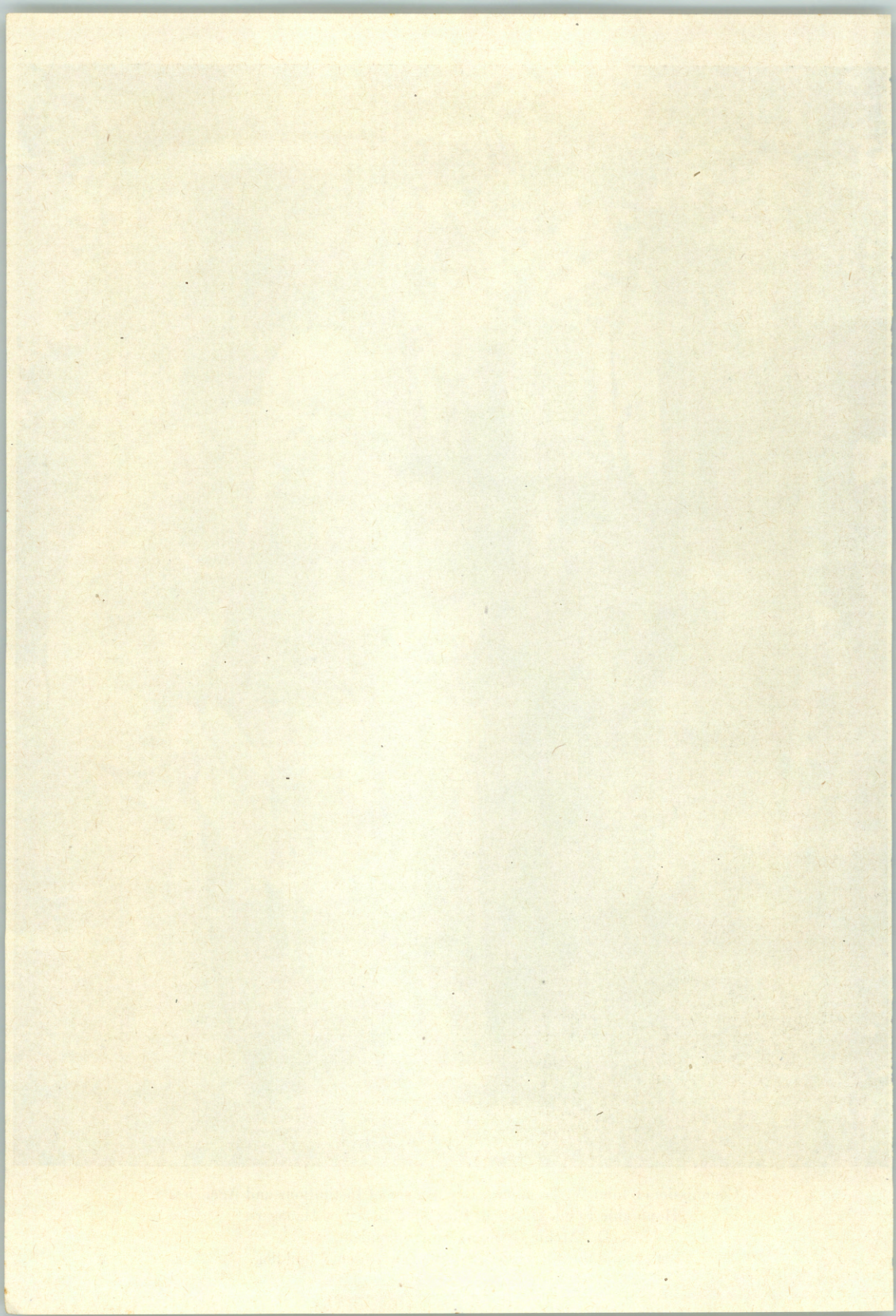


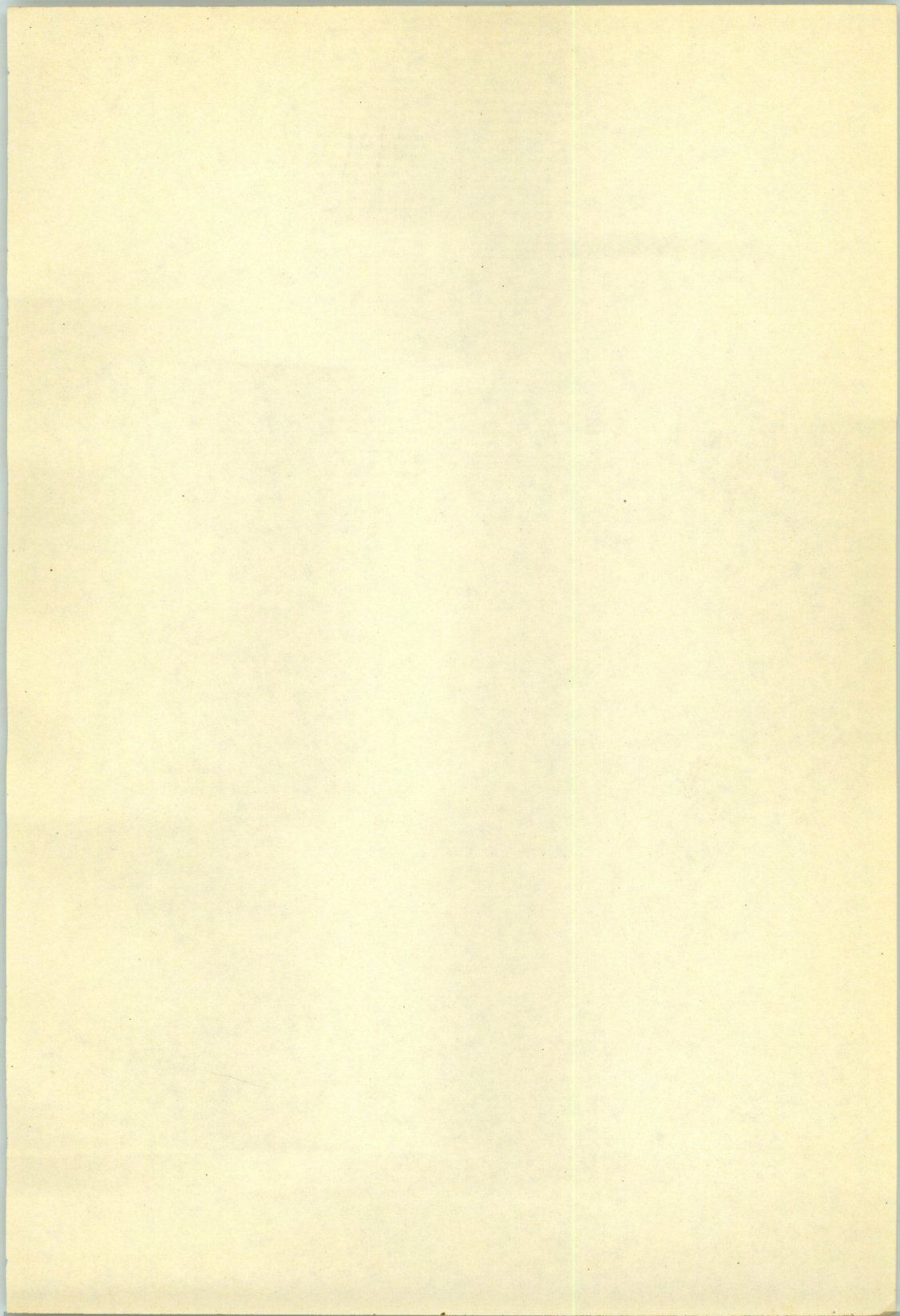


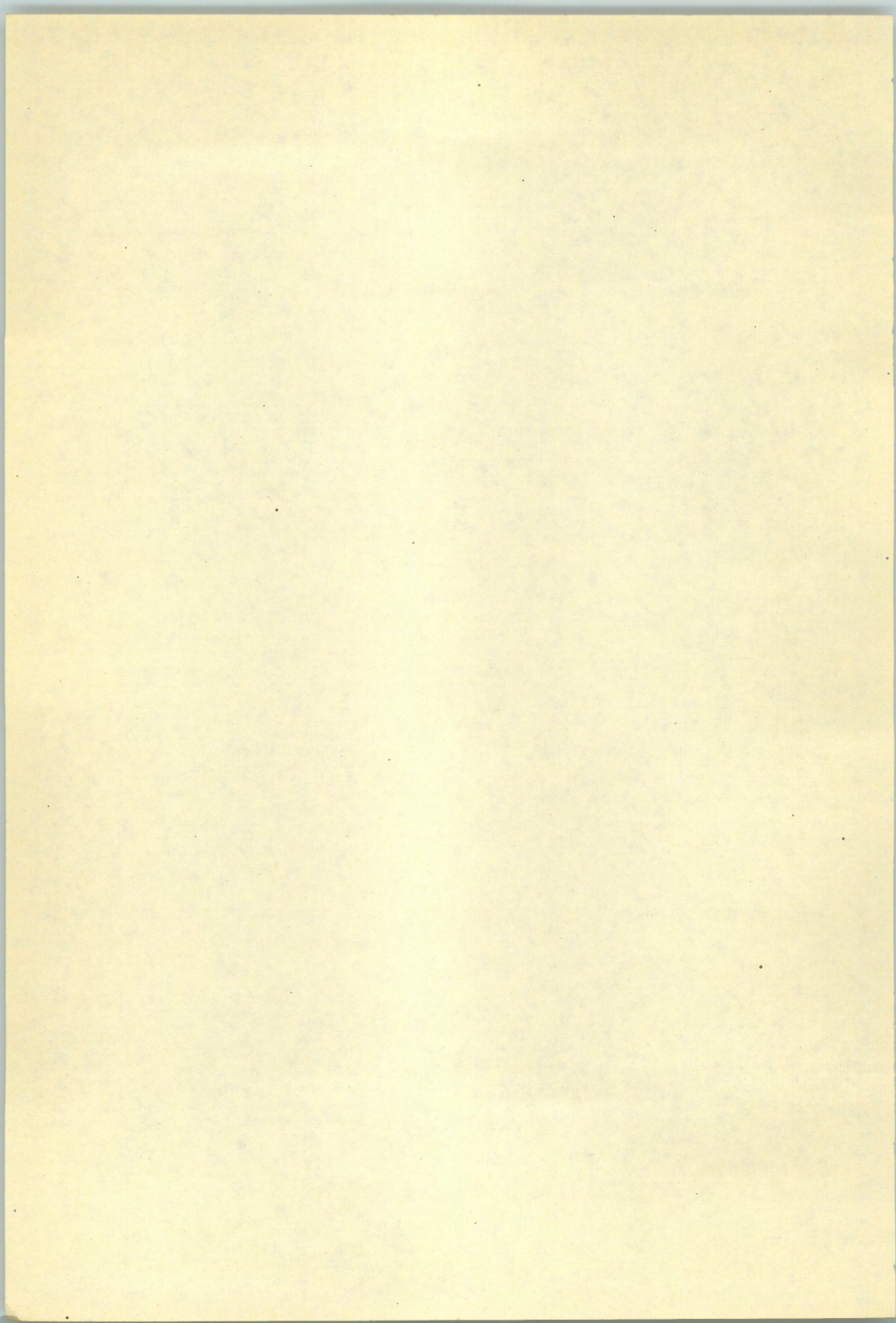




Commissioner John W. Tramburg, Department of Institutions and Agencies,
Honorable Frank D. Abell, President, Board of Managers,
Dr. Archie Crandell, Superintendent,
at ground-breaking ceremony for new patients' building.







**THE
EIGHTIETH ANNUAL REPORT**

OF THE

MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE HOSPITAL

AT

GREYSTONE PARK

FOR THE YEAR ENDED JUNE 30

1955

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This Hospital is approved by the
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JOHN T. NEAL, JR.

Business Manager

Senior Resident Physicians

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AMEDEO ESPOSITO, M.D.

PERRY J. GAMBILL, M.D.

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ANTONS JURKANS, M.D.

AKSEL PUSTROEM, M.D.

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 KEITH KEIDEL, A.B., B.D. Resident Protestant Chaplain
 FATHER JOHN J. WHITE Resident Catholic Chaplain
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 MARGARET DeVRIES (Retired) Director of Occupational Therapy
 LUCILLE BOSS, A.B., M.A. Director of Occupational Therapy
 DOROTHY E. JOHNSON Supervisor of Recreation
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 FLORA DAYTON, M.A. Senior Librarian
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 HENRY E. LANDESMAN, M.E. (Deceased) Engineer-in-Charge
 MAURICE A. CHAILLET, JR., M.E. Engineer-in-Charge
 WILLIAM G. BEUCLER Building Service Supervisor
 JAMES B. STUART Farm Supervisor
 RICHARD GESSNER Acting Food Service Supervisor
 JOHN R. MILLER, SGT., N.J.S.P. Chief Security Officer
 CHARLES H. ACKER Fire Chief

Northern New Jersey Mental Hygiene Clinics

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

*Resigned

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On July 1, 1954, there were 7,847 patients on the books. On June 30, 1955, there were on the books 7,660 patients, a decrease of 187 patients made up of 103 men and 84 women. There were actually 6,528 patients resident in the hospital; 1,132 were out of the hospital on visit, temporary visit or missing. During the year there were admitted 2,037 patients. The discharges numbered 1,208. Of those regularly discharged, 503 were recovered, 691 improved, 3 unimproved, and 11 without psychosis. The deaths numbered 692, and the total under care was 9,885 patients. The recovery rate was 34.4 per cent and the improved 47.3 per cent, based on the number of first admissions which was 1,462.

Eleven regular meetings of the Board were held during the year with an attendance of 55; conferences, committee meetings, and visits numbered 124, which made 179 recorded visits to the hospital by the Board members. In addition, there were conferences held off the grounds or outside office hours not listed in the official records.

Mrs. Johnson had a perfect attendance record and Dr. Reiter was absent only once. Mr. Evans attended 9 regular meetings, Mr. Abell attended 8 and Mr. Moseley attended 7. Mr. Littlefield attended 4 meetings. Two new appointees, Mr. Polow and Mrs. Lipman, attended 4 meetings and 2 meetings respectively.

The committee on annual report has received and reviewed the annual report submitted by Dr. Crandell and concur in his comments and recommendations and feel that all of these are made for the best interest of the institution.

We close our report with the feeling that all those in the Central Office have responded to our needs to the best of their ability and we express our deepest appreciation to Dr. Crandell, his staff and all the personnel for the faithful service given this institution during the past year.

Respectfully submitted,

FRANK D. ABELL, *President*

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

RUTH STILES JOHNSON

SCRIVEN S. EVANS, JR.

WALTER A. REITER, M. D.

MRS. DANIEL LIPMAN

BERTRAM POLOW

**Treasurer's Report of Cash Receipts and
Disbursements for the Fiscal Year
Ended June 30, 1955**

RECEIPTS

From:

Bergen County	625,955.28
Burlington County	2,042.26
Camden County	2,178.88
Cape May County	653.97
Cumberland County	1,204.40
Essex County	1,039,267.13
Gloucester County	602.20
Hudson County	290,959.97
Hunterdon County	1,102.72
Mercer County	672.34
Middlesex County	16,946.40
Monmouth County	11,135.46
Morris County	238,952.65
Ocean County	2,988.29
Passaic County	798,754.95
Salem County	1,088.61
Somerset County	6,212.03
Sussex County	45,904.78
Union County	69,171.11
Warren County	3,015.65
Non-Indigent Patients	386,925.04
State Contributing Patients	43,233.93
Excess Maintenance Collected by Counties	72,819.38
Maintenance Recovery	59,800.86
Miscellaneous Collections	19,691.88
	\$3,741,280.17

DISBURSEMENTS

Amount of Collections deposited with State Treasurer \$3,741,280.17

ROBERT A. LOWERY
Treasurer.

Treasurer's Report of Cash Receipts and
Disbursements for the Fiscal Year
Ended June 30, 1958

Population by Counties in N. J.

1950 Census

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

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

ROBERT A. LOWERY

Report of the Chief Executive Officer

To The Board of Managers:

This, the eightieth annual report of the New Jersey State Hospital at Greystone Park, for the fiscal year ending June 30, 1955, is respectfully submitted.

We have just completed what we all hope will be the period of the greatest overcrowding in the history of the institution. We have already started to transfer some patients to the new mental hospital at Ancora and there is every prospect that, with the advent of our new Commissioner, John W. Tramburg, brighter days for this hospital and for the cause of mental health in the entire state are ahead. Favorable signs include a drop in the rate of admissions of 111 as compared to last year, and a further decrease is to be expected in the coming year when the redistricting of the state, necessitated by the opening of the fourth mental hospital, will reduce the area from which this hospital receives patients and bring the number of admissions down to a manageable size. With the decrease in admissions has also come an increase in discharges, 92 more patients being regularly discharged this year than occurred last year. The intensive treatment carried on during the year has in part contributed to the fact that our recovery rate is 2.1 per cent higher, standing at 34.4 per cent, and our rate of discharges as improved has also shown a 6 per cent increase to a figure of 47.3 per cent.

Residency training has been a combined operation with the other state hospitals and the veterans hospital at Lyons. This is in addition to the regular educational activities of the hospital under the supervision of the clinical director and the consultant in training and research, which is described in detail in our training bulletin. In addition to the two-year residency training program, which is approved by the Council on Medical Education and Hospitals of the American Medical Association in concurrence with the American Board of Psychiatry and Neurology, we have an active training program which is offered to theological students as well as a program especially designed for the graduate and undergraduate nurses, psychiatric technicians and attendants, and for those who volunteer their services to the hospital through the Greystone Park Association.

Health

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

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

Statistical Resume

General Data: During the year ending June 30, 1955, there were admitted 2,037 patients (1,001 men and 1,036 women). This figure is 111 less than last year. The admissions included 1,462 first admissions (759 men and 703 women), 518 readmissions (222 men and 296 women), 46 transfers from other similar hospitals in New Jersey (20 men and 26 women) and 11 special cases, all women, admitted for surgery from the North Jersey Training School at Totowa. The above figures include 36 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950). The number of patients discharged, including deaths, was 2,227 (1,105 men and 1,122 women), making a decrease of 190 patients on the books at the close of the year.

There were under treatment during the year 9,885 patients (4,721 men and 5,164 women), which was 170 more than the preceding year. The maximum census for the year was 7,781, obtained on July 16th, and the highest number actually in the hospital at any one time was 6,727 on July 19th. The average daily number in the hospital was 6,634.3. At the close of the year there were in the hospital 6,536 patients (3,119 men and 3,417 women); 1,108 patients (484 men and 624 women) were carried on visit or temporary visit and 14 patients (13

men and 1 woman) were carried as missing. This is a decrease of 5 patients outside the hospital and of 185 actually in the hospital at the close of the year.

Discharges: The total of those discharged was 1,208 (598 men and 610 women). Of this number 503 (253 men and 250 women) were considered to have recovered from their psychoses. This is 34.4 per cent, based on the number of first admissions, which is 2.1 per cent higher than last year. A total of 691 (332 men and 359 women) were discharged as improved, or 47.3 per cent, based on the number of first admissions, which is 6. per cent more than last year. The manner of discharge of the remaining patients was as follows: 3 unimproved (2 men and 1 woman) and 11 men without mental disorder. In addition to those discharged, 316 patients (172 men and 144 women) were transferred to other similar hospitals in New Jersey; also 11 special cases, all women, admitted from the North Jersey Training School at Totowa for surgery, were returned to that institution. The above figures include 21 men, committed under the Sex Offenders Act (Chapter 207, Laws of 1950).

Deaths: During the year 692 patients died (335 men and 357 women). This is a death rate of 7. per cent, based on the number under treatment, and is .5 per cent higher than last year.

The average age at death was 1.81 years greater than last year, being 71.75 years.

Clinical Department

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

Clinical Director's Report

The number of admissions was 111 less than last year, and ended temporarily the chain of record new highs that were being set annually. There were 2,037 admissions during the year, of whom 1,001 were men and 1,036 women. This comparatively even division of sexes distributed the work load equally between the men's and women's services but did not

relieve the extreme crowding on all women's wards, caused temporarily by the reconstruction in the Main and Dormitory Buildings. Interestingly, there have been 25 to 35 more women than men admitted each year for some time, a fact difficult to ascribe to any one cause. Of these 2,037 admissions, there were 1,462 first admissions and 518 who had previous admissions to a mental hospital; 11 special cases were received from Totowa, largely as medical or surgical problems, and 36 were sex offenders sent to us from the courts. The total number of patients under treatment was 9,885, a gain of 170 patients over the previous year.

The number of patients discharged from the hospital records was 1,208, of whom 598 were men and 610 women. The number of patients in the various diagnostic categories has shown no marked change from last year. Most of our patients have been from the aging group, or have been overactive and excited, or depressed. All the recognized types of therapy have been available, from sedation and counselling to psychosurgery. Much of our attention in the past year has been given to the administration of Reserpine and Thorazine in several series of cases throughout the hospital. This work, unfortunately, has only recently been coordinated but at this time a concentrated effort is being made to improve records and pool our knowledge of these drugs so as to widen the benefits of our relatively great experience with them. The number of cases under therapy with these drugs in recent months has grown to nearly 500 and we are conscious of simultaneously having a rare opportunity and a great responsibility in the matter.

As in the past, a concentrated effort has been made to institute treatment promptly upon the admission of a patient in order to minimize further fixation of symptoms and to shorten the period of hospitalization of each patient. The recovery and improvement rates on discharged patients and a decrease in readmissions indicate that our efforts in this direction have been effective. There were 503 (34.4 per cent of first admissions) discharged as recovered, a rise of 2.1 per cent over last year. Three patients were discharged as unimproved when released to other institutions before their treatment was completed. Eleven men, mostly sex offenders, were discharged as being without mental disorder; eleven special cases were returned to Totowa upon completion of their medical or surgical treatment; 21 sex offenders were released or discharged; there were 316 discharged upon transfer to other hospitals. During the year there were 1,292 patients placed on extended

visit; 476 patients were returned when it became apparent that they were unable to make an adequate adjustment.

There were 692 deaths in the institution in the past year. Comparing this figure to the 9,885 patients under treatment gives a mortality rate of 7.0 per cent. The average age at death was 71.75 years and the causes of death were predominantly those associated with the debilities of age. Fourteen of the deaths were coroner's cases; our autopsy percentage rose this year to 31 per cent, with 210 autopsies being performed, a 9 per cent rise over last year's figure.

Staff training has continued this year to keep the pace required to gain the approval of the American Board of Psychiatry and Neurology. Most of the didactic lectures were given at the Neuro-Psychiatric Institute at Princeton as worked out by the representatives of the various interested institutions in the Department of Institutions and Agencies and the veterans administration facility at Lyons. Some of the doctors took courses in New York in addition to the scheduled Friday afternoon sessions at Princeton. The intramural program included weekly seminars, monthly clinical pathological conferences and x-ray reviews, and early in the year there were monthly Journal Club meetings. All the doctors participated in diagnostic case workups and close teaching liaison was maintained between the residents and their chiefs of service for training of preceptor type. Staff attendance at meetings of professional societies and at public lectures of a psychiatric nature was encouraged.

Regular staff meetings have continued to be held five times each week for the diagnosis and release of patients, as well as to consider in special cases matters of competency, driving privileges, and the need for guardianship. These meetings have also been attended by the affiliate nurses, psychiatric technician trainees, psychological interns and clinical pastoral trainees as part of their regular training experience in this hospital. Monday afternoon rounds were made regularly with the superintendent to visit all new admissions of the previous week, establish a provisional diagnosis, and assign them to members of the staff for special study, diagnosis and treatment.

Among the special therapeutic activities singled out for special mention we have already discussed briefly the use of Reserpine and Thorazine. With our current roster of over 400 patients on these medicines we appear to be treating a greater number of cases here than in the other hospitals of the state. This has been made possible by a

fortunate combination of circumstances. First, we must acknowledge the generosity of Ciba and of Smith, Kline and French for providing supplies of their products; secondly, we were in a fortunate position with our medical budget and were able to order several thousand more dollars worth of the drugs; and thirdly, we were granted a generous sum of money dedicated to research for further enlarging our activity in this area. Our current problem is that we are straining our personnel to administer the drugs and record the results of treatment. Currently we are making every effort to devise and keep records in each case which will be valuable in providing statistics to guide our future selection of patients and prescribing treatment.

The psychology section, under the direction of Mrs. Sylvia Eisenson, has continued its activity throughout the year. Mr. Bernard Feierstein has served as intern since September and has given energetic and helpful assistance with the work of the department. In addition to her work of proctoring Mr. Feierstein, Mrs. Eisenson conducted group therapy on the women's wards, gave two 24-hour courses in psychology to psychiatric technician trainee groups, and held three 4-hour lecture-discussions with the clinical pastoral trainees on the role of the psychologist in a mental hospital.

The Shock Service, under the direction of Dr. Esposito, continued its activities. Counting the ambulatory electroshock given on all services throughout the hospital and the insulin, electroshock and combined therapy given in the Clinic Building, there were approximately 25,000 treatments given this year. This figure matches the activity of previous years and again draws attention to the advantage of rotating the doctors through the various services. In this case, doctors who have had several months of careful training in the administration of shock treatment under Dr. Esposito have given great help in the handling of this large work load. Dr. Esposito has made the Bromsulphalein Liver Function Test a part of the regular routine in determining the fitness of his patients to receive insulin shock. This liver function testing has again given us a year free of deaths and severe reactions from insulin administration on his service. Further details on the Shock Service are given in Dr. Esposito's report which follows later.

The staff has swung willingly into the work of providing for the psychiatric needs of the community. We are fortunate in having at this time a group of doctors who are familiar with their assigned duties, including

conscientious younger men with an aptitude for this branch of medicine. With the continuing efforts of the entire staff we can live up to the community and departmental expectations of providing superior psychiatric care for all our patients.

Miss Mary L. Byrnes, secretary to the clinical director, who is in charge of interstate transfers, reports the movement of non-resident and deportable cases encountered during the year: To mental hospitals outside the state, 15; to mental hospitals within the state, 316; to North Jersey Training School, 11; and deported, 3. There were 51 cases handled and reported, who were removed by relatives, discharged or died.

Shock Therapy

Under the continued direction of Dr. Amedeo Esposito, the Shock Therapy Service on the two wards in the Clinic Building administered insulin and electroshock therapy to a total of 416 patients (205 men and 211 women). Dr. Esposito has submitted a complete tabulation of the results of this therapy. There were 151 men who received a complete course of treatments and of this number 118 (78.1 per cent) left the hospital, 27 (17.9 per cent) are in the hospital in an improved condition, and 6 (4 per cent) are in the hospital unimproved by the therapy. There were 154 women who received complete courses of treatment and of this number 93 (60 per cent) left the hospital, 41 (26.5 per cent) remained in the hospital unimproved, and 20 (13.5 per cent) showed no improvement.

As in previous years, schizophrenic patients outnumbered those with other diagnoses, and of the 223 treated, 143 left the hospital after treatment.

The use of curare products combined with electroshock has been continued in selected cases. Electroshock has also been continued as the anesthetic agent in transorbital lobotomy operations, with a course of six electroshock treatments following the operation.

In February the administration of Thorazine combined with insulin and electroshock treatments was begun; while too early for definite conclusions, the results appear quite encouraging.

Roentgenology and Electrotherapy

Dr. Daniel G. Melvin supervised both the main Roentgenology and Electrotherapeutic Department in the Clinic Building as well as the smaller x-ray unit in the Tuberculosis Building. He has been assisted

by a staff of four who during the year made a total of 9,415 exposures and administered a total of 1,717 electrotherapeutic treatments.

Dr. Oscar H. Cohen continued as consultant in x-ray therapy and performed 197 consultations and examinations. There were 13 patients who received a total of 236 roentgenotherapeutic treatments. Clinics are held on Monday of each week.

Dr. Albert Abraham, cardiac consultant, completed an electrocardiographic survey of luetics in the institution, the results of which were presented at the annual meeting of the Medical Society of New Jersey. During the year he recorded 324 electrocardiograms and consultations. Clinics are held on Wednesday and Friday of each week.

The semi-annual chest x-ray survey of the entire patient and employee population required 13,500 photo-roentgen films and, as a result of the survey, 357 full-sized follow-up films were made.

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

Tuberculosis

Dr. John Ma has been in charge of the Tuberculosis Service during the year, and reports that 42 men and 75 women were admitted to the service during the year; of these, 5 men and 10 women were received from the state hospital at Marlboro, 6 men and three women from other hospitals, and 31 men and 62 women were from the wards of our own hospital. There were 36 patients (21 men and 15 women), who recovered from tuberculosis, and 101 patients (58 men and 43 women), who improved. The census of the service at the close of the year showed 613 patients (325 men and 288 women); 302 of these patients were considered active and 311 patients as convalescent. Of the 25 deaths on the service during the year, only 3 were directly attributed to tuberculosis.

Treatment has been continued with the new anti-tubercular drugs in various combinations, with streptomycin combined with rimifon being favored and comprising about half of the 15,533 treatments given. Of the 140 patients who received these medications, 115 were considered as improved.

In January the administration of Serpasil or Serpasil and Thorazine combined was instituted, and of the 34 patients thus treated, 14 showed marked improvement and were allowed to leave the hospital on trial visit or year's visit, 15 were considered improved, becoming more cooperative and requiring little or no supervision, and only 5 remained unimproved.

Occupational therapy was also of great use in dealing with the underlying psychoses, and 30 men, all arrested cases, have responded well to this type of therapy. Attendance in the occupational therapy class has increased during the past year and a total of 135 patients are enrolled.

There were 7 patients allowed home on extended convalescent status and 78 had temporary home visits. An out-patient clinic continues to function in providing pneumothorax or pneumoperitoneum treatments to patients on visit.

Surgery

Dr. Laurence M. Collins, F. A. C. S., has continued to give guidance and supervision to this department. Dr. Edward I. Kessler, F. I. C. S., has continued immediate supervision of the Surgical Service, and calls attention to the large number of pathological fractures which occurred during the year in the older group of patients, with a total of 164 fractures being reported. Of the other operations performed, the greatest number were transorbital lobotomies, totaling 57.

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

Joan C. Fenimore, registered nurse anesthetist, reports a total of 239 anesthetics, 98 local, 47 spinal, 35 general and 5 intravenous anesthetics, as well as the use of electric shock for anesthesia in 54 cases.

Since we have no obstetrical department, we report here that during the year 6 boys and 3 girls were born alive in the hospital.

Eye, Ear, Nose and Throat

This year Dr. Perry J. Gambill marked the completion of thirty-one years as a member of the hospital staff and head of this department. He reports that routine examinations were performed on 2,025 newly-admitted patients as well as 1,445 special examinations on others in the hospital. He also made 828 examinations of employees and furnished treatment to 421 of them. Surgical operations included 839 performed on patients and 135 on employees. Dr. Gambill kept up with the latest developments, and attended medical meetings of his specialty throughout the year.

Urology and Proctology

Dr. Marshall D. Hogan has supervised urology and proctology during the year, making visits to the hospital as indicated. He reports

24 operations as well as 528 rectal examinations, 182 proctological consultations, 242 urological consultations and a total of 1,998 colonic irrigations given to 228 patients treated.

Dentistry

Dr. William J. Byatt, senior resident dentist, has been assisted by Dr. Loftus Brown until May, when Dr. Brown entered private practice and was replaced by Dr. John Pekalski; Mr. Patrick DeNapoly continued as dental technician. During the year there were 4,210 patient visits to the clinic, including 1,254 transfer and admission examinations, 2,013 treatments, 1,037 fillings and 306 intra-oral x-ray examinations. There were 3,771 extractions of teeth, 108 surgical removals of teeth and 7 impactions removed. The laboratory processed 262 dentures, including 127 full upper or lower, as well as repairing 215 others.

Chiropody

Frank J. Gasser, D.S.C., reports that a total of 308 women and 266 men received altogether 2,152 treatments during the year at the Chiropody Clinic, which functions two mornings a week.

Pathology and Bacteriology

Dr. Abraham J. Gitlitz, pathologist, has continued the supervision of the laboratories and reports that his staff has cooperated in keeping abreast of new advances in laboratory procedures. New apparatus has been acquired, out-dated equipment replaced and new procedures were instituted for the benefit of the patients. Promising drugs for the treatment of mental illness have been evaluated, in cooperation with various departments. Necessary tests were performed on all newly-admitted patients and special examinations were made where indicated.

Urinalyses performed totaled 8,164.

Hematology included 4,368 red cell counts, 4,338 leukocyte counts and 2,672 differential counts. There were 4,374 hemoglobin determinations. Bleeding and clotting time was determined in 232 and sedimentation rate in 894 cases. Blood typing and Rh factor totaled 3,338 each, with cross-matching in 42 cases.

Blood chemistry determinations included 2,701 urea nitrogen, 5,101 blood sugar, 136 blood chlorides and other special determinations in a smaller number.

Immunological tests included 4,402 determinations of both

Wassermann and Kline reactions; there were also 139 complete examinations of spinal fluid. Bacteriological tests numbered 199 smears of sputum for tubercle bacillus as well as 213 other bacteriological determinations. There were 1,811 feces examinations for occult blood and 1,740 for ova and parasites.

Among the other examinations listed were 344 cephalin cholesterol flocculation liver function tests and 63 bromsulphalein tests. From the 210 autopsies performed, 2,754 tissue pieces were examined. The total of all tests performed during the year was 59,016.

Staff Matters

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

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

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

The medical staff is due much credit for its effective and cooperative function throughout the year. Scientific meetings and lectures given in this area have been well attended by staff members.

Dr. Crandell attended the annual meetings of the American College of Hospital Administrators and the American Hospital Association held in Chicago. He represented the hospital at the Sixth Mental Hospital Institute of the American Psychiatric Association in Minneapolis, and continued active participation in the meetings of the American College of Physicians. He was inducted as a Fellow of the New York Academy of Medicine, and throughout the year remained an active member of the Academy of Medicine of New Jersey. In March he took a two-week course in military medicine at the United States Naval Hospital in Bethesda, Maryland. He attended many local, state and national meetings, including that of the Association for Research in Nervous and Mental Disease and the New York Society for Clinical Psychiatry in New York City, as well as the American Red Cross annual convention at which he served as representative of the American Psychiatric Association.

During the year he continued as consultant in neuropsychiatry to the Surgeon General of the United States Air Force and as president of the New Jersey District Branch of the American Psychiatric Association. He also served on the council of the New Jersey Neuropsychiatric Association as immediate past-president. For the American Psychiatric Association he was examiner on the Committee for Certification of Mental Hospital Administrators, was chairman of the section on Psychopathology at the annual meeting in Atlantic City, and was chairman of the Board of Tellers. In April he attended the Northeast State Governments Conference in Wilmington, Delaware, as a representative of mental hospital administration and psychiatry of the State of New Jersey. He appeared on television in the interests of mental health and presented many lectures on the subject to various groups. He collaborated in the preparation of the article on factors in the pre-operative situation of schizophrenics considered to be of significance in influencing outcome following psychosurgery, which

appeared in the October 1954 issue of the *Psychiatric Quarterly*, and wrote the *Junior Health Hint on Psychiatry and Neurology* for the *Medical Society of New Jersey*, in addition to other articles of scientific or civic interest.

Dr. Gebirtig, in addition to other professional activities, represented the hospital at the *International Congress on Mental Health* in Toronto, Canada; the *Academy of Sciences* meeting in New York, where the newer drugs for mental illness were discussed; the *American Psychopathological Association* meeting, also in New York, and the *New Jersey State Welfare Council* meeting in Asbury Park. He served as chairman of the *Mental Health Committee of the Morris County Medical Society*, as well as holding membership on the advisory committee of the *Morris County Mental Health Association*. He has given lectures to various organizations and in general has continued his active interest in professional affiliations.

The staff was well represented at the *Fifth Annual Institute in Psychiatry and Neurology* at Lyons, the *Second Annual Psychiatric Institute* at the *New Jersey Neuro-Psychiatric Institute* at Princeton, and the annual meetings of the *Medical Society of New Jersey*, the *American Medical Association* and the *American Psychiatric Association*, all held at Atlantic City. A course on case histories, given at the *New School for Social Research*, was attended by Drs. Drake, Lathen, Hrabarchuk and Kurzbach. Dr. Longley served on the committee of correction of the *New Jersey Neuropsychiatric Association* and, in addition to numerous other lectures, addressed the *Morris County Mental Health Association*; he also maintained an active interest in the work of the *American Group Psychotherapy Association*. Dr. Kessler attended the meetings of the *International College of Surgeons* in addition to the many other meetings, and Dr. Anderson continued her work with the *Alcoholics Anonymous* group, which meetings were conducted for the benefit of a select group of patients. Drs. Abraham and Melvin completed their investigation of the electrocardiographic status of all old cases of syphilis in the hospital and the results were presented at the annual meeting of the *Medical Society of New Jersey*.

Additional staff positions will be requested in the forthcoming budget in an effort to gradually augment the ratios suggested by the *American Psychiatric Association*.

The housing shortage for the staff is still an acute problem, and requests are being made for more adequate provision for this need.

Appointments and Resignations

Resident Physicians Appointed

Edmond Lusthaus, M.D.	July 15, 1954
Jaroslav Dobrinsky, M.D.	July 26, 1954
Hans Feitis, M.D.	December 1, 1954
Jose Navarrete, M.D.	February 1, 1955

Fellow Appointed (Exchange Visitor Program)

Carl Erdmann, M.D.	December 1, 1954 to May 16, 1955
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Resident Physician Promoted

John Ma, M.D. to Senior Resident Physician	July 1, 1954
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Resident Physicians Resigned

Mary Mullan, M.D.	July 31, 1954
Edmond Lusthaus, M.D.	August 1, 1954
Hans Feitis, M.D.	December 10, 1954
Michael Coffey, M.D.	June 15, 1955
Elizabeth Litwin, M.D.	June 30, 1955

Other Staff Appointed

Lucille Boss, M.A., Director O. T.	July 1, 1954
John Pekalski, D.D.S., Resident Dentist	May 18, 1955

Other Staff Resigned

Loftus Brown, D.D.S., Resident Dentist	May 31, 1955
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Retired

Margaret DeVries, Director O. T.	June 30, 1955
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Health Service for Employees

Dr. Joseph Donovan, who has completed thirty-one years on the staff of the hospital, has continued in charge of health services for employees, including both the Out-Patient Clinic and the employees' ward for those requiring hospitalization. His report shows 1,953 physical examinations of new applicants, and 7,332 physical re-checks and treatments. There were 642 admissions to the employees' ward, 636 discharges and 4 deaths. The usual range of illnesses was treated, the greatest number being in the upper respiratory category.

Resident Training

During the past year the didactic part of the resident training program was incorporated with a program established by the Department of Institutions and Agencies under the overall supervision of Dr. Nolan

D. C. Lewis, Director of Research. Under this plan a program of fifty-four lectures in basic neuropsychiatric subjects was arranged, and lecturers from Temple, Jefferson, New York University and Columbia were attended by the residents in training at the three mental hospitals, the Neuro-Psychiatric Institute and the VA facility at Lyons. Other aspects of the training program continued unchanged as outlined in the training program bulletin.

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

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

That section of the training program coordinated through the Central Office in Trenton and in which the resources of the several participating hospitals were pooled has provided top level instruction by recognized authorities from several leading medical schools in the East. The curriculum was well received by the residents who attended the lectures conscientiously and was approved by the representative of the American Psychiatric Association who surveyed the training program in the spring. Those who lectured to the resident staffs were as

follows: Ernest A. Spiegel, M.D., on neuroanatomy and neurophysiology; Mr. Ray H. Abrams on social psychiatry; Rhoda Metraux, Ph.D., on anthropology; Mr. Laurence K. Frank on scientific thinking and psychiatry; Alfred H. Stanton, M.D., William A. Harvey, M.D., A. Victor Hansen, M.D., John A. Rose, M.D., M. Royden C. Astley, M.D., and Baldwin L. Keys, M.D., on psychiatry; Robert S. Bookhammer, M.D., on principles and aims of treatment in psychiatry; John A. Rose, M.D., on mental hygiene of children; Lauretta Bender, M.D., and Archie Silver, M.D., on child psychiatry; and Samuel B. Haddon, M.D., on group therapy.

Nursing

The administration of nursing service and nursing education continued under the supervision of Miss Laetitia M. Roe, R.N., B.S., director of nursing. Miss Margaret Larkin, R.N., B.S., assistant director of nursing, was in charge of student nurse affiliate program; Miss Sophie Kraykowski, R.N., B.S., and Mrs. Patricia Long, R.N., assistant directors of nursing service, continued in the same assignments. Miss Elizabeth Maloney, R.N., M.A., was appointed assistant director of nursing to function as a coordinator of nursing service and education to study and plan improvements in both areas. Mrs. Ruth Beam, R.N., instructor, was in charge of sub-professional education.

At the close of the year there was a total of 95 nurses, which included 1 director of nursing, 4 assistant directors of nursing, 4 instructors, 16 supervisors, 23 head nurses, 27 staff nurses and 20 part-time nurses; there were 97 technicians, 102 charge attendants, 449 attendants, 29 technician trainees, and 113 affiliate student nurses. This made a total of 885 persons giving nursing care to 6,538 patients as compared to 812 persons giving care to 6,721 patients a year ago. This would seem to be an improvement, but in reality the situation is worse than a year ago as far as people actually assigned to the wards on any given day since overtime has been restricted are concerned. Without any marked increase in personnel, the five-day week does not provide even minimum coverage. Although all the attendant positions were filled in March, this did not give sufficient hours of work to do the job. In April all overtime was discontinued but it has been necessary to use overtime when there has been no one to assign in the Main Building North and the Dormitory Building.

Graduate Nurse In-Service Program: The third course for graduate

nurses was completed with the presentation of certificates to 8 nurses. The direct responsibility for the program was assigned to Miss Elizabeth Maloney, with Mrs. Ruth Connelly, R. N., to assist her. The small group conference and seminar methods were utilized throughout the thirty hours of the course. Emphasis was placed on the role of the psychiatric nurse as the leader of the psychiatric nursing team and on the problems which arise daily in the care of the mentally ill patient. Three graduates of the first class of the two-year program at Rutgers University, School of Nursing, returned in January for a one-month internship.

The regular supervisors' meetings were held twice monthly; the monthly building meetings continued through the year. At the building meetings the emphasis was placed on defining and solving problems in a representative group of nursing personnel. The problems were related to patient care, ward administration, and interpersonal relationships.

Miss Roe and Miss Maloney completed their work on the Psychiatric Committee, Division of Evaluation Services of the National League for Nursing in September. Miss Roe served on the Ad Hoc Committee of the Council on Psychiatric and Mental Health Nursing of the National League for Nursing in New York on October 1. Many of the nurses attended the annual meeting of the New Jersey State Nurses' Association and the League for Nursing at Asbury Park. Miss Maloney and Mrs. Warner were members of a panel discussion on Emotional Aspects in Nursing Care. Miss Roe and Miss Larkin attended the quarterly meetings of the Committee on Administration and Accreditation in Schools of Nursing of the New Jersey League for Nursing. Miss Larkin and Miss Maloney served on the Steering Committee of the Diploma and Associate Degree Program section of the New Jersey League for Nursing and Miss Larkin also served on the Policies Committee of the Educational Administrators Teacher section of the State Nurses' Association. Miss Roe was chairman of the Psychiatric and Mental Health Nursing Committee of the New Jersey League for Nursing. Miss Kraykowski was secretary and Miss Maloney was program chairman on this committee. Miss Roe and Miss Maloney attended the Biennial Convention of the National League for Nursing April 30 to May 4, in St. Louis, Missouri. Mrs. Ruth Beam and Miss Florence Schall attended the two-day institute for instructor preparation in the New Jersey Nursing Aide In-Service Training project. Miss Esther Garrison of the U. S. Public Health Service and Dr. Hildegard

Peplau, R.N., Ed. D., visited the hospital to discuss clinical facilities for a graduate nurse course in psychiatric nursing with Rutgers University, School of Nursing. This would be a one-year program, with college credit to prepare graduate nurses as clinical specialists in psychiatric nursing.

The Affiliate School of Nursing: During the year, 436 of the 437 students who reported for affiliation in psychiatric nursing completed the twelve-week course successfully. In March, 7 students from the School of Nursing of Rutgers University, two-year basic program in nursing, reported for an eight-week affiliation. Dr. Hildegard Peplau was the instructor in charge of their program and supervised their clinical practice of two days per week. Seventeen schools of nursing have continued their affiliation with the hospital plus the two-year program from Rutgers University. The School of Nursing of St. Joseph's Hospital in Paterson completed the contract for the affiliation in November; Barnert Memorial Hospital, Paterson, did not renew the contract as they had discontinued their School of Nursing. This made a total of 19 affiliating agencies. In order to obtain registration in this state, 8 graduate nurses completed the affiliation as required.

The New Jersey Board of Nursing made a survey March 9, 10 and 11 of the clinical and educational experiences provided for student nurses. The Annual Inter-Agency Meeting was held May 18. The contract was reviewed and revised. All contracts were renewed with each agency and the hospital. The Greystone Park Association has given teas throughout the year for the staff and the students. The staff physicians, special departments, the Mental Hygiene Clinic staff and the hospital chaplains have given every assistance to the educational programs in the nursing department.

The small group discussion and seminar methods of teaching have continued. Miss Maloney and Mrs. Connelly have assisted Miss Larkin in the classroom; Mrs. Lorene Warner, R.N., M.A., has been assigned as clinical instructor on Ward 39 and Miss Rose Caruso, R.N., M.A., conducted the clinical program on Ward 5. Mrs. Warner was granted a leave of absence from December to June to attend Teachers College, Columbia University, to complete work for a Master's degree. Instead of having the students adjust to a new assignment every three weeks, the students have a five-week and seven-week assignment. This has proved to be a better plan in terms of students learning experience,

adjustment and supervision and of improved patient care in a more stable environment.

The Psychiatric Technician Training Program: During the year 73 trainees were recruited in the course; 22 resigned or failed and 22 completed the course successfully. On the last day of the year 29 trainees, 12 seniors and 17 juniors, were enrolled. New courses in psychiatry and psychiatric nursing were developed with the emphasis placed on inter-personal relationships and the role of the technician with mentally ill patients. Mrs. Ruth Beam taught sociology which was revised and reoriented. In the nutrition course the stress was placed on patient feeding problems. Mrs. Elizabeth Moore, R.N., B. S., and Mr. Harry Young, psychiatric technician, assisted with the instruction. Mrs. Moore transferred to the hospital at Marlboro in March.

The Attendant Training Program: New attendants were assigned to the training wards, 24, 51 and 53, for three weeks. Miss Edith Beach, R.N., B.S., conducted 1,314 interviews in relation to personal adjustments to the job, evaluation of work, assignments and follow-up guidance. In the extended course 114 employees were enrolled and 85 received certificates on successful completion of the training. The five-day orientation at the entrance of the employee into employment was conducted by Mr. Young. The number enrolled was 650; 592 completed the orientation and 58 resigned during the time.

The Volunteer Program: The two-day orientation and indoctrination course for volunteer workers was held in November. At the close of the year approximately 2,048.5 hours of service had been donated and 7 volunteers were enrolled in the group.

Religious Services

Keith W. Keidel, B.D., resident Protestant chaplain, has continued in charge of the religious program of the hospital and has conducted the regular Sunday morning Protestant worship services. Services for those of Jewish faith have been provided by local congregations, particularly on high holy days. Christian Science services are held each Wednesday afternoon. The beautiful chapel in the Main Building has been utilized by all faiths until May, when the project to renovate the chapel, including new pews and chancel furnishings was begun; until this work is completed the worship services are being temporarily held in the auditorium of the Dormitory Building.

Father John J. White, resident Catholic chaplain, has been assisted by the staff of St. Virgil's parish, Morris Plains, in providing two Catholic services each Sunday morning, one at 7:00 for employees and an 8:30 service for patients. In addition to Sunday and holy day masses and other sacraments administered, many visits were made to patients on the wards, conferences were held with relatives and employees, and confessions of patients were heard in the chapel. Father White was instrumental in the establishment of a most beautiful, permanent Catholic chapel in the Main Building. The dedicatory mass for the Chapel of Our Lady, Health of the Sick, was celebrated on May 20th.

Mr. Keidel was assisted by the Reverend John G. Catron in both the worship services and in teaching. In addition to the weekly worship services, group sessions were conducted by Mr. Keidel each Tuesday morning for those patients sufficiently recovered to prepare for their return to the community. Lectures were given by the chaplains to various in-training hospital groups. Attractive worship folders have been distributed. The chapel remained open on Sunday afternoons during Lent for prayer and meditation. Worship services were recorded and played to some of the shut-in patients.

The clinical pastoral training program included two groups of theological students and pastors who spent twenty-four weeks in training; six students interned during the summer and five during the fall. A half-day clinical seminar was held in the spring for students over a sixteen-week period. Educational tours of the hospital have been conducted by the chaplains for visiting university, civic and religious groups, including lectures on the purpose and function of the modern mental hospital.

Mr. Keidel and Father White attended many professional conferences, including the annual conference of the Association of Mental Hospital Chaplains at Atlantic City. Mr. Keidel attended the annual conference of the Methodist Church at Bloomfield, and meetings of faculty and supervisors of clinical pastoral work at Virginia Theological Seminary in Alexandria.

Social Service

Edward E. Mueller, M.S.W., continued as director of social service. He has had a professional staff of 10 and clerical staff of 8 with one seasonal assistant. New members of the staff included Mrs. Barbara Heck and Mr. Jerome Fink.

A daily average of 1,108 patients were carried on convalescent leave during the year. A total of 11,687 interviews were made, 5,411 in the hospital and 6,180 in the community. There were 825 histories obtained in the office, requiring interviews with 1,049 persons, and 732 histories were obtained by questionnaire. Interviews with relatives of patients prior to home visit numbered 665 and, in addition, 120 special home investigations were made.

Mr. Mueller has presented a comprehensive report for the year, outlining the casework functions and activities of his department. This includes work in the following areas: admissions, social treatment program, preconvalescent status studies, family care, convalescent clinics, education and training, research, community interpretation, children services, coordination with other departments, out-patient services, and finally, plans for the future. Under the direct supervision of the assistant superintendent, Mr. Mueller reports a steady advancement of the program of his department, including a more integrated functioning of the social service staff.

Occupational Therapy

Mrs. Lucille Boss, M.A., completed her first year as director of occupational therapy, coming to the hospital on July 1st. Her report shows the progress in this department. She has been assisted by a staff of 4 staff occupational therapists, 2 senior occupational therapists, 17 occupational therapists, 14 aides and 3 seasonal assistants.

During the year particular emphasis has been given to the improvement of treatment facilities. Three divisions, the Men's Arts and Crafts Shop, the Women's Arts and Crafts Shop and the Curative Workrooms, have been reorganized and consolidated for more effective functioning. A new general crafts shop was opened in the Clinic Building in October for both men and women, and is well equipped. New and expanded ward programs have been provided in all buildings. An occupational therapy shop in the Dormitory Building for women patients is expected to be finished soon and plans are being made for its immediate utilization. Redecoration has been accomplished in all areas.

In-service training has been established for the entire occupational therapy staff, incorporating all the newer concepts in the treatment of patients. Courses in ceramic art and leatherwork as applied to this therapy have been completed by 25 staff members. A 10-hour

course in theory and practice was given for technicians-in-training.

The various treatment areas of the department have reached approximately 1,000 patients each day. Modalities utilized included art work, ceramics, sewing and needlework, rug making, woodwork, light metal work, basket-weaving, leatherwork, and many minor crafts. As patients have improved, their activities have been up-graded gradually to include pre-vocational experience in preparation for their return to the community. Production reached a total of 83,000 articles with 70,000 for general hospital use, 12,000 for display and sales rooms, and 1,000 used directly by patients who made them.

The Printing and Bookbinding Department has had an active year in this phase of occupational therapy. In addition to the printing of our annual report and *The Psychogram*, our monthly magazine, there was a total of almost 3,000,000 impressions from their printing presses, over 1,000,000 from the ruling machine, and also 570,000 punching and perforating, 30,700 padding and almost 16,000 binding operations.

Mrs. Boss has lectured to various groups and has been active in professional organizations, having served as president of the New Jersey Occupational Therapy Association. She attended the American Occupational Therapy Association convention in Atlantic City in October, and in May she served as chairman of a panel discussion for the same organization.

Two exhibits were held during the year, at the Morris County Fair and at the Trenton State Fair, where active demonstrations were given.

Recreation

Mrs. Dorothy Johnson, who has been on the staff of the hospital since 1926, has continued as supervisor of recreation, directing the many recreational and physical educational activities of the institution. Her staff has consisted of 6 recreational assistants and 4 recreational aides, supplemented by 3 summer workers. The program reaches throughout the institution and activities are therapeutically oriented.

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

classes, and such activities as the art club, glee club and choir, bowling, dancing and speaking groups. Athletic activities vary with the season and picnics are greatly enjoyed during the summer months. During the winter moving pictures are a great source of entertainment for the entire hospital; those able to do so attend the weekly showings in the amusement hall while for those unable to leave their wards the 16 mm. movies are shown on a regular schedule throughout the institution.

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

Among the outstanding yearly events are the annual band concert in August by the Dover A. F. M., the Halloween dance with its interesting costumes and skits, and the Christmas tree party, which this year featured the Christmas play "A Carol For This Our King," produced entirely by patients of the hospital. The minstrel show, a yearly production of the Morristown American Legion, was enjoyed by a capacity audience in March. One of our newer activities included in the program for the first time last year was the Dale Carnegie course in public speaking, which this year graduated twenty-one patients in May.

An attempt was made to reach every patient with some phase of the program, and a total attendance of 96,547 was recorded at the various parties, movies and dances held during the year.

Library

Mrs. Flora Bel Dayton has continued to serve as senior librarian, supervising the libraries located in the Clinic, Main and Dormitory Buildings, as well as the library service on the wards. Volunteer services have been of great help in keeping all three libraries open for patients and employees, and both groups have made increased visits to the libraries. A steadily growing card catalogue of the names of patients who want special reading material gave evidence of a deep interest in reading and an increased awareness of the library services available. Three new book cases were added. Three patients therapeutically employed in the libraries during the year left the hospital for employment.

Mrs. Dayton reports that about 1,500 books were added to the three libraries, and that 99,774 items, including pocket books, magazines and puzzles, were distributed; this figure does not include the reference books, maps or magazines read in the libraries.

During the year Mrs. Dayton attended various library meetings, both regional and national.

Greystone Park Association

Mrs. George Bonneson, president of the Association during the past year, has submitted a most comprehensive report of their excellent and faithful work benefiting the hospital and our patients. The project of supplying television sets for all wards and recreation areas through the collection and sale of nylons was completed, and supplemented by the replacement of worn-out sets and the providing for repairs and service. Under sponsorship of the Association, work has been started on the erection of a new grandstand, which will enable more of our patients to view athletic events and enjoy band concerts. Through the Association the hospital has received a Scott inhalator, an aluminum library cart, a piano, a radio-record player, many albums of records and generous contributions toward an aspirator as well as to the Christmas program for the patients. There were 1,500 Christmas gifts furnished and wrapped for patients' holiday parties, many bed jackets and soft-soled slippers were furnished, and numerous gift items to the patients were supplied for the weekly recreation parties. The many Christmas gifts provided for the patients from the hospital welfare fund were labeled and wrapped by volunteer workers. Officers of the Association have addressed many civic groups throughout the six counties served by this institution and have assisted in conducting tours about the hospital for visitors during the year. Much appreciated by the nursing department was the sponsorship of teas for affiliate student nurses, which the organization has continued.

Pharmacy

The hospital pharmacy has continued under the direction of Philip B. Roberts, Ph.G., who has completed thirty-two years on the staff of this hospital; he has been assisted by Louis Bangert, Ph.G., George H. Rowland, Ph.G., and John Callery, B.S., Ph.G. As medical supply officer, Mr. Roberts has given valuable service, and under his direction 2,791 issue requisitions to wards and other departments were made during the year as well as the preparation of annual budget forms, annual inventories, semi-annual application forms and the operation of an extensive perpetual inventory system. The preparation of intravenous solutions through the Fenwal system has been responsible for a consid-

erable saving and has eliminated stocking many solutions; there were 3,002 sterile solution units prepared, a gain of 50 per cent over the previous year. The pharmacy has continued to manufacture many medical preparations in various forms too numerous to list here, and much credit is due for the constant and energetic cooperation extended the medical staff in the administration of the program for the new drugs, Thorazine and Serpasil. A total of 40,529 individual prescriptions were filled during the year.

Physical Therapy

Wilbur T. Riker, R. P. T., has served as senior physical therapist, assisted by Augusta Radtke, R. P. T., on the women's service. They gave instruction to psychiatric technician trainees as well as talks to groups of other students visiting the department during the year. A total of 5,789 treatments were administered on the men's service and 16,777 on the women's service.

Barber Shops

Mr. Herschel Tucker, head barber, has supervised the work of 12 barbers and 4 hairdressers in his department, and reports that during the past year 290,465 shaves and 35,480 haircuts were given to the men, while the women received 47,514 treatments, including haircuts, shampoos, permanent waves, fingerwaves and facials.

Photography

Daniel J. Lutz, photographer, has been responsible for photographing patients on admission for identification and on discharge from the hospital for comparison. The additional studio outfitted on the ground floor of the Reception Building during the previous year has proved of particular value in photographing the aged and otherwise handicapped patients unable to climb to the fourth floor studio. There were 1,972 admission photographs and 1,209 discharge photographs processed, and 1,078 construction prints, 843 reproductions, 573 police and deportation photographs and 573 miscellaneous prints were made.

Medical Records

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

preparation of accurate statistics, and the tables found at the close of this report, made under his direction, give much valuable information concerning the changing aspects of mental illness.

The microfilming of discharge records has continued, 1,296 cases having been processed during the year. The number of discharge records now on film have reached 31,477 and include the discharges of April 15, 1940.

Mr. Leo Boulris has reported that 1,568 individual sets of fingerprints were made during the year, bringing the total on file to 26,545. He also processed 1,179 sets of employees' fingerprints, with the total in this section reaching 12,036.

Mental Hygiene Clinics

Dr. Agnes P. McGavin has continued as director of the clinics and Miss Mildred H. Hurley as director of clinic social service. Dr. George Genn left on January 31st and in March Dr. George Cohen joined the staff as clinical psychologist. During the year two social workers left the clinics and the services of three new social workers were engaged, including Miss Alice Olpin who joined the clinic staff in July, Mrs. Catherine Metcalfe in August, and Miss Elizabeth Goucher in September.

The clinics continued to serve eight communities: Bayonne, Englewood, Franklin, Hackensack, Morristown, Newark, Passaic and Paterson. A total of 186 clinics were held at eight different locations. There were 468 open cases at the beginning of the year, 254 new cases were opened and 293 cases were closed, leaving 429 on the roll at the end of the year. During the year 426 different cases were handled. There were 1,113 psychiatric interviews and 3,357 interviews by social workers, as well as 341 psychological interviews.

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

Business Department

Mr. John T. Neal, Jr., for more than seven years business manager of the hospital, is responsible for all of the operations not directly clinical in nature. His broad knowledge of business administration and his years of experience in the public utilities have enabled him to handle the department in an outstanding manner. Under his immediate supervision

are the business office, food service, farm and engineering divisions, and also the fire and police departments, the laundry and linen control and the garage. His excellent summary of these operations is presented below.

Business Office

The business office continued under the direct supervision of Robert A. Lowery, treasurer and assistant business manager, who has completed forty-five years of very efficient and faithful service. His vast experience has been of great help to the business manager and, assisted by Mr. George Zelanak, he supervised purchases, the culinary department, stores department, the laundry and linen room service. In addition, he maintained close contact with both the Service Unit and the Duct Store.

Mr. Lowery, as treasurer, reported collections for the past year of \$3,741,280.17, as compared with last year's receipts of \$3,196,363.95.

Mr. Peter Glenn, supervising accountant, transferred to Ancora State Hospital on October 1, 1954, and his position remained unfilled for the balance of the year.

Institutional Collector

The duties of institutional collector were performed by Mr. Raymond E. Clawson for the period from July 1, 1954, to May 2, 1955, and on May 2, 1955, Mr. George R. Bonscher, who received the position as the result of a Civil Service examination, took over these duties.

The collectors accounted for \$185,293.24 in collections. Thirty-nine amended orders were handled resulting in receipts of \$18,056.10. There were 212 visits made to county adjusters, 254 cases closed and 714 interviews.

Personnel

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

During the year a total of 6,300 recruitment transactions were made by the interviewing staff. This figure included 4,683 personal interviews and 1,617 inquiries by correspondence and telephone calls.

A total of 1,095 employees were hired during the year. In 1954 terminations amounted to 1,359; in 1955 they had decreased to 1,006. Because of this lower volume of terminations and the fact that over the entire year there was a net gain of 89 employees, the June 30th enrollment of employees at the hospital increased from 1,561 to 1,650.

During the year the personnel department organized a leadership conference for the supervisory group and two six-session conferences were given to department heads and their immediate assistants during the first six months of 1955.

Police

Our police department has continued under the direct supervision of Sergeant John R. Miller of the State Police, who is assigned to our institution as chief security officer. Under Sergeant Miller we have a foreman watchman and 18 institutional patrolmen. Three of these men are regularly engaged in a building security patrol of the Main, Dormitory and Tuberculosis Buildings and outlying areas. This patrol is made on foot and with the aid of Detecto time clocks. The hospital garage is also covered by a member of the police department between the hours of 6:00 p.m. and 6:00 a.m., taking care of any emergency transportation and handling all ambulance and morgue calls while on tour of duty.

The institution has its own police radio system which is federally licensed and operates under the call letters KEB635. Our system is on the same frequency as that of the Morris County police radio system KEC223, which allows us to contact any one of thirty-three neighboring police departments and to have alarms sent out from the central dispatcher as the necessity arises.

The police department maintains a twenty-four hour patrol of all outlying roads and averages 5,000 miles per month on this duty.

During the year 62 arrests were made for violation of the traffic and motor vehicle acts and a total of 17 accidents were investigated.

Our civil defense department continued to function at our police headquarters' location, and we have taken part in both state-wide and nation-wide air raid alarms.

Fire Prevention

The fire department continued under the direct supervision of Chief Charles H. Acker, assisted by 2 assistant institutional fire chiefs, Mr. E. John Eick and Mr. Frank Y. Neer; also, 3 institutional truck drivers, Mr. Paul Horning, Mr. Robert K. Wright and Mr. Thomas A. Reardon., This meets with the standard set forth by the Fire Underwriters. Fifty-three employees also served at their pleasure and constitute a voluntary fire department.

Our motorized equipment consists of one 750-gallon-per-minute-triple-combination pumping engine Ward La-France, one 500-gallon-per-minute triple-combination pumping engine Barton Chevrolet, and one 85-foot American aerial ladder truck; also, a one-half ton Ford pick-up truck. During the year the Ahrens-Fox pumper, which had been removed from active service during the past fiscal year, was disposed of.

Semi-monthly fire drills were continued for both paid and volunteer firemen on hospital time, and special drills were conducted frequently after hours with neighboring fire departments participating. Members of the department have attended many of the monthly sessions sponsored by the Morris County Fire School.

During the year there was a grand total of 104 calls received; 87 fire calls, 4 sprinkler calls, 5 false alarms and 8 special calls for oxygen. Fire loss was estimated at \$1,554.20. There were also 11 mutual aid calls for fires not on state property.

Garage

Our main garage continued under the supervision of Mr. William Walton, Jr., who is responsible for the maintenance and operation of our 76 licensed units, including cars operated by the hospital social service department and the Northern New Jersey Mental Hygiene Clinics. This year the garage has also serviced the cars of the State Board of Child Welfare, nine units, and two cars belonging to the Probation Department. We also have a garage located in our greenhouse area where most of our farm tractors are serviced and repaired.

Laundry

The laundry department continued under the supervision of Mr. Floyd Evans and handled approximately 7,690,660 pieces. Due to new equipment obtained and installed during 1954 we were able to place our laundry on a 40-hour week schedule. During the year we installed one Sylon twelve-roll flat-work ironer with canopy together with a folder, which has greatly increased the work output and allowed the work load to be completed within a scheduled week. In addition, two sixty-inch exhaust fans were installed in the press room, which has contributed greatly to the comfort of patients and employees working in this area.

The new addition to the laundry, which is used as a sorting room for both regular and T. B. laundry, has greatly increased the efficiency and reduced labor for this portion of the work. We still

are in need of a loading platform for the finished work, and this has been requested in this year's budget.

Building Maintenance

Mr. William G. Beucler, has continued to supervise the general maintenance and housekeeping control with general supervision of the mattress, bed, upholstery and tailor shops.

Mrs. Alma K. Rose continued as head housekeeper and directly supervised the housekeeping of the employees' residence areas.

The central linen rooms remained under the supervision of Mrs. Gertrude Carr and the result has been efficient handling of linen supplies throughout the institution.

Mr. William T. Barry, foreman upholsterer, continued to supervise this division and, in addition to the manufacture and repair of mattresses and pillows, does all the upholstering, rug work and miscellaneous flooring jobs throughout the institution.

Mr. Frank DiPrimo, head tailor, continued to supervise the work of the tailor shop.

Food Service

The food service department continued operations for the past fiscal year under the direct supervision of Mr. Richard R. Gessner, acting food service supervisor, in the absence of Mr. William Walton, Sr., who has been on sick leave since March 19, 1953. Mr. Gessner had, as assistant food service supervisor, Miss Rosemary Kramp. Mr. John Haury-luke, assistant food service supervisor, resigned on July 15, 1954, and in September, 1954, Alice C. Teeter resigned as administrative dietitian to accept a position as food service supervisor at Ancora State Hospital. In October, 1954, Mrs. Jean Epstein was employed as a dietitian. In March, 1955, Mr. John W. Evans, head cook, was appointed as assistant food service supervisor. On April 8, 1955, Mr. William Dalhoff, head baker at the hospital and an employee since 1941, suddenly died and Mr. Otto Schumacher was appointed to this position. On April 16th Mr. Alvin Washington, formerly a dietitian at Marlboro State Hospital, began his duties as assistant food service supervisor. Miss Rosa Hobbs, dietitian, began service with us on April 18th, and was assigned to the diet kitchen in the Clinic Building.

During the year a reconditioned cafeteria counter was installed at the Employees' Cafeteria.

New Jersey State Library

Work was started on a new kitchen in our T. B. Service, which is expected to be in operation before the end of the 1955 calendar year.

In January the Staff House kitchen was closed which resulted in a saving of over \$12,000 annually.

Our butcher shop continued under the supervision of Mr. Joseph Feldenzer, head butcher, who handled the butchering of hogs and cattle from our farm department. During the year 1,105,056 pounds of meat were used for patient and employee consumption; of that figure, 89,028 pounds were from federal surplus, 176,006 were hospital-produced, and 831,024 pounds were from outside purchase.

Our bakery produced 635,658 loaves of bread and in addition baked many rolls, cakes, cookies and pies.

During the year the kitchens were under the direct supervision of the following head cooks: employees' cafeteria, Mr. William Taylor; main kitchen, Mr. Ford Hollis; dormitory kitchen, Mr. Harry Pengilly; nurses' kitchen, Mrs. Josephine Bond; and diet kitchen, Mrs. Laura Stull.

Farm

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

Mr. Hugh McLellan, head dairyman, reported that our herd, numbering 346, produced 1,086,292 quarts of milk which, together with other produce from the dairy, had a total value of \$126,669.87. Our milk production was 67,875 quarts above last year's figure.

This year Mr. William Bacorn, Sr., assisted by Mr. Paul Bangiola, worked under Mr. Stuart in running the farm department. Our farm produced a total value of \$16,891.08, which included alfalfa, corn, timothy hay, barley and shelled corn.

Mr. Howard Hoffman continued in charge of our piggery. A total of 521 hogs were slaughtered, compared with 476 last year; 135,182 pounds of pork were dressed as compared with 126,039 for 1954. The total value of products produced by the piggery for 1955 amounted to \$41,016.60, as compared with \$38,225.70 last year.

Our poultry plant was supervised by Mr. Alfred Garretson and 39,370 dozen eggs were produced as compared with 32,001 dozen last year. The total produce was valued at \$19,447.61 as compared with \$18,163.07 in 1954. Our poultry census at the end of the year was 4,010, as compared with 4,005 last year.

The grand total of produce from dairy, farm, piggery and poultry plant was valued at \$204,025.16, as compared with \$182,438.43 last year.

Our garden department remained under the supervision of Mr. John Zeis. This department supplied fresh vegetables to the various cottages and kitchens throughout the institution valued at \$27,659.90, as compared with \$30,230.43 last year.

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

The saw mill produced 32,300 board feet of oak valued at \$6,460 and 14,950 board feet of whitewood valued at \$2,691; total value of lumber produced was \$9,151, as compared with \$9,598.24 last year.

There was no production from our cinder block plant during the year; July 1, 1954, inventory revealed 36,494 blocks available; year's distribution was 8,914; at present there are 27,580 blocks available for use. The value of the blocks used for various projects was \$1,782.80.

Mr. Matthew Casey was responsible for maintenance of our railroad tracks and Mr. Michael Darby for the unloading of coal for use in the power plant. Mr. Gus Salvesen, in charge of all trucking and hauling projects, reports that the long distance hauling trucks made 476 trips for a total mileage of 37,423 miles. During the year 8,125 cubic yards of ashes were donated to the road departments of adjacent towns and counties and for use by the State Highway Department, while 2,108 yards of ashes and 117 yards of carbon were used by our institution.

The exterminating department continued under the supervision of Mr. Frank Roberts, who also supervised the salvage yard.

Storehouse

Mr. Lloyd Henion remained in charge of our stores department, responsible for the handling of all materials received.

Engineering

It is with deep regret that the death of Henry Landesman, engineer-in-charge, was recorded on April 5th. He had served this hospital well and faithfully since his employment on August 1, 1925. Mr. Maurice A. Chaillet, assistant engineer-in-charge, grade I, was appointed to assume the responsibilities of engineer-in-charge on April 16th. Mr. Chaillet is being assisted by Mr. William A. Carew, assistant

engineer-in-charge, and Mr. Edward Wengland, assistant engineer-in-charge, who is beginning his duties on July 1, 1955.

When the engineering staff and shop foremen were gathered for a group photograph for *The Psychogram* an interesting fact was uncovered; the eight foremen had a total of 214 years employment at this institution with an average of 27 years each.

During the year the firm of Burns and Roe was engaged to make an engineering study of our steam load requirements, and two 30,000 pound-per-hour steam generating units were approved. The installation will be made during the 1956 year.

Water is still one of the most critical problems facing the institution and it is hoped that a new well producing one million gallons per day will be driven during the next year.

During the year the power plant consumed 21,631 tons of coal and 1,437,316 gallons of fuel oil to produce all the steam necessary for heating and to generate 2,333,232 k.w.h. In addition, we purchased 2,913,300 k.w.h. from the Jersey Central Power and Light Company.

The total water consumption was 466,205,000 gallons, compared with 456,476,000 gallons during 1954; a total of 242,153,500 gallons were actually pumped, compared with 317,739,000 gallons last year. We purchased water from the Town of Morristown during August, September and October, amounting to 7,688,700 gallons.

Our sewage disposal plant, under the direct supervision of Mr. James Long, handled 418,688,000 gallons of flow, as compared to last year's figure of 408,812,000.

Service Unit and Duct Store

Mr. Vincent VanInwegen continued as manager of the service unit during the year. Total sales for the year were \$192,930.52, as compared with \$189,933.08 last year.

The other unit, the duct store, which is located in our Main Building, is under the supervision of Mr. Victor Losey. Sales amounted to \$100,951.91, compared with \$104,976 last year.

Construction

Construction was under the supervision of Mr. Walter E. Brownne, superintendent of construction, assisted by Mr. William Brook.

During the year work in the Main Building was continued on the renovation of Tier 2, the front section of which has been turned over for

hospital use and is now being occupied, while the rear will be completed by the end of this calendar year.

The fireproofing of the Dormitory Building by the Glenwall Company under the supervision of Mr. L. Freeland Fellgraff continued during the year and the second section of the south wing will be occupied by patients in the early part of October, 1955. Mr. Fellgraff is now working on the plans for the fireproofing of Section C and D, Dormitory Building North, and this should be advertised for bid by November, 1955.

During the year the laundry addition was completed under Mr. Brownne's supervision and is now in full use.

A new Catholic chapel was started during the first part of the year and the dedication services were held on May 20, 1955.

The work on the new T.B. kitchen was started and is scheduled for completion by January 15, 1956.

The renovation of the superintendent's cottage was also completed during the year.

Recommendations

We are recommending in our budget for 1956-57 the following extensions and new buildings:

Extension to our doctors' and nurses' dining room at a cost of \$75,000. This past year we eliminated the staff house dining room and kitchen, adding this load to our present doctors' and nurses' dining room. We are receiving additional affiliate nurses and, with the larger medical and nursing staff, we now find it necessary to provide shift feeding. Our present kitchen is entirely too small to properly prepare the meals for this increased load, and all dishwashing must be done in this same small kitchen area. The extension would consist of a basement for storage purposes and the first floor room to accommodate all dishwashing, refrigerators and food preparation area, freeing the present kitchen to house only cooking equipment. This extension would also free space in our doctors' dining room now occupied by storage and refrigerator facilities.

Extension to employees' cafeteria at an estimated cost of \$275,000. This extension would be large enough to accommodate approximately 300 employees at one sitting and allow modifying the current dining room, which would give a combined capacity of 650; and also permit the neces-

sary alterations to the present cafeteria arrangement to meet the increased serving load. At present our employees' cafeteria kitchen prepares food for all patients in our Clinic and Reception Buildings, and in addition does all cooking and serving to over 900 employees.

Extensions to dining room areas between sections of the Main Building North and South, estimated cost \$440,000. These additions would be two stories high with a serving room located in the center. They would be between wards 29 and 41, and 31 and 43 on the south side, and similar wards on the north side.

Renovation center and recreation hall area of Dormitory Building, estimated cost \$750,000. Money was appropriated from the bond issue for fireproofing and renovating the patient-occupied areas of this building, but nothing was provided to renovate the front center section now housing doctors' and staff living quarters, doctors' and supervisors' offices, nor the rear center areas occupied by our recreation hall and congregate dining hall.

Under new construction, we again request eight staff cottages, five for medical and three for business personnel, at a cost of \$144,000.

We also request once again an affiliate nurses' building at an estimated cost of \$1,650,000. We are urgently in need of proper housing for affiliate nurses and additional classrooms, demonstration rooms, assembly and recreation areas.

Garden apartment for employees, cost estimated at \$650,000. This building is necessary to overcome the critical shortage of apartments to house married couples and families. At present we have only a small number of two-room apartments set aside in our employees' buildings and the eleven veterans housing units which were put up as a temporary measure five years ago have now outlived their usefulness.

A new admission building at a cost of \$3,300,000 is requested. We believe that a new unit of 250-bed capacity would be adequate for intensive treatment which, with our present Reception Building of 250-bed capacity for newly-admitted patients, would give us the desired 500-bed receiving service.

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

An administration building located near the entrance to our institution grounds, properly designed for all administrative offices, is again requested at an estimated cost of \$1,650,000.

We request a recreation and gymnasium building at a cost of \$250,000. The proposed Working Patients' Building will occupy part of the area now devoted to sports including the baseball diamond, and we now have plans underway to build a sports area immediately behind our Employees' Residence. We propose to erect a modest building to house our Recreational Therapy Department and center all sports activities in this area.

A new poultry house with capacity of 1,000 birds is requested, estimated cost \$10,000.

Loss of Employees by Retirement or Death

Twelve employees retired during the year:

Mr. Edward Funcheon, institutional attendant, employed March 9, 1943, retired August 1, 1954.

Mrs. Cora B. Yetter, senior occupational therapist, employed February 4, 1924, retired August 1, 1954.

Mr. George Doby, baker, employed February 27, 1939, retired August 1, 1954.

Mr. Daniel Gallagher, food service worker, employed June 1, 1937, retired August 1, 1954.

Miss Etta James, occupational therapist, employed February 13, 1933, retired August 4, 1954.

Mr. Charles Azzara, shoemaker, employed June 30, 1941, retired August 9, 1954.

Mr. James J. Grady, head greenhouseman, employed June 24, 1941, retired November 30, 1954.

Mr. Frank Connelly, chauffeur, employed November 18, 1920, retired December 31, 1954.

Mr. Charles C. Merrell, plumber, employed October 22, 1928, retired December 31, 1954.

Miss Mazie Zinck, occupational therapist, employed May 16, 1927, retired December 31, 1954.

Miss Mary Coen, institutional charge attendant, employed March 15, 1931, retired February 14, 1955.

Mrs. Margaret DeVries, director occupational therapy, employed July 1, 1929, retired June 30, 1955.

Twelve employees died during the year:

Miss Fannie Brown, institutional attendant, employed December 1, 1953, died October 6, 1954.

Mrs. Eva Conquest, institutional attendant, employed March 11, 1954, died October 6, 1954.

Mrs. Betty McArthur, institutional attendant, employed June 28, 1954, died October 6, 1954.

Mr. Barney Hogan, institutional attendant, employed April 21, 1952, died November 12, 1954.

Mr. Warren J. Burden, institutional attendant, employed November 4, 1954, died November 17, 1954.

Mr. Anton Popelka, assistant gardener, employed January 8, 1936, died December 22, 1954.

Mrs. Lauretta M. Longley, part-time nurse, employed September 10, 1953, died February 10, 1955.

Mr. Henry Landesman, engineer-in-charge, employed August 1, 1925, died April 5, 1955.

Mr. William Dalhoff, head baker, employed May 5, 1941, died April 8, 1955.

Miss Alice Strawhand, charge attendant, employed December 9, 1949, died April 27, 1955.

Miss Isabel MacLean, housekeeper, employed July 6, 1932, died May 16, 1955.

Mr. George H. Card, institutional patrolman, employed February 24, 1930, died May 19, 1955.

Distinguished Visitors

Genuine interest in the operation of our hospital and the care and treatment of the mentally ill has been evidenced through the many visits made by individuals and groups during the past year.

The clergy in the community were frequent visitors, and this past year the Council for Clinical Training sent a large number of representatives, as well as visitors from neighboring states and from abroad.

Our Board of Consultants maintained an active interest; Dr. Fred A. Mettler made frequent visits in connection with our residency training program; Dr. Stuart Z. Hawkes visited regularly and consulted with the staff on surgical matters; and Dr. George H. Lathrope, on internal medicine.

Various interested officials of the state, county and local community

were welcomed. Local newspapers and photographers made many visits to our hospital and the stimulated interest of the general public as well as the favorable publicity are greatly appreciated.

Acting Commissioner Bixby, the chiefs of the various Bureaus and members of the Central Office in Trenton came frequently throughout the year and were most cooperative and helpful in our efforts to provide the best possible care and treatment for our patients. Representatives of the Civil Service Commission and the Budget Bureau have come to the hospital to learn of our needs and have been of great assistance in providing for the patients' comfort and welfare.

The Honorable Reeve Schley and Mr. Carroll Merritt of the State Board of Control visited during the year and we sincerely appreciate their generous help.

A deep interest in the affairs of the hospital brought the members of our Board of Managers to us frequently throughout the year, in addition to their attendance at the regular meetings of the Board.

Acknowledgements

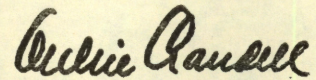
The many thoughtful and useful gifts received during the year from friends of the hospital have been acknowledged by personal letter and also in the columns of our monthly magazine "*The Psychogram*." The Greystone Park Association has also received generous donations from individuals and groups which were acknowledged by the Association.

Conclusion

We have reached the crest in resident population and, with the opening of the fourth mental hospital toward the end of the year, we have begun to receive some relief as far as overcrowding is concerned. We have maintained an excellent treatment program in spite of our overcrowding and we have inaugurated the use of newer drugs, chlorpromazine and reserpine. The appreciation of the hospital should be extended particularly to Dr. Collins and his assistants for maintaining high standards of clinical work, to the medical and nursing staff for their wholehearted cooperation, to Mr. Neal, business manager, for carrying out the arduous duties of maintaining and operating an institution of this size, and to Dr. Gebirtig, my assistant, for maintaining direct supervision of the extramural activities of the hospital and for

assisting me in many other ways. I am deeply appreciative of the continued support and untiring efforts of the members of the Board of Managers who on many occasions, in addition to their regular meetings, have given wise counsel and guidance.

Respectfully submitted,

A handwritten signature in cursive script, reading "Cecile Randall".

*Medical Superintendent and
Chief Executive Officer*

assisting me in many other ways. I am deeply appreciative of the continued support and untiring efforts of the members of the Board of Managers who on many occasions in addition to their regular meetings, have given wise counsel and guidance.

Respectfully submitted,

Walter Lawrence

Medical Superintendent and
Chief Executive Officer

ADMINISTRATIVE REPORT OF YEAR GENERAL INFORMATION

1. Date of opening as a hospital for mental diseases.....	August 17, 1876
2. Normal capacity.....	4290 patients
Number of patient days.....	2,421,469
3. Value of hospital property—Total.....	\$16,872,767.18
Real estate, including buildings.....	13,841,460.16
Personal property.....	3,031,307.02
Total acreage of hospital property owned (Includes grounds, farms and gardens, and sites occupied by buildings.).....	1260
Additional acreage rented.....	113
Total acreage under cultivation during the year.....	272

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

	Full Time - Part Time		
	M.	W.	M. W.
Grand Total.....	896	717	3 20
MEDICAL ADMINISTRATION—Total.....	404	559	3 20
1. Superintendent and Chief Executive Officer.....	1		
2. Assistant Superintendent and Chief Executive Officer... ..	1		
3. Clinical Director.....	1		
4. Assistant Clinical Directors.....	3		
5. Other Physicians—Total.....	28	3	3
a. Ward duty—direct care of in-patients.....	21	3	
b. Specialists (cardiologists, roentgenologists, etc.).....	5		3
c. Pathologists.....	1		
d. Internes.....	1		
6. Dentists.....	2		
7. Dental Internes.....			
8. Pharmacists.....	4		
9. Graduate Nurses—Total.....	4	71	20
a. Supervisory or administrative duty.....		25	
b. Ward duty—direct care of in-patients.....	4	44	
c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.).....		2	

ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

		Full Time - Part Time	
		M.	W.
		M.	W.
10.	Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 79 affiliate nurses)	305	372
	a. Ward duty	305	372
	b. Special duty		
11.	Occupational Therapists and Assistants	16	25
	a. Professional	9	16
	b. Occupational Therapy Aides	7	9
12.	Physical education directors and teachers	3	8
13.	Medical Clerks	4	55
14.	Other Employees	27	18
15.	Hospital Social Service - Parole Division - Total	5	7
	a. Director	1	
	b. Social Workers	4	7
	BUSINESS ADMINISTRATION—Total	491	142
16.	Business Manager	1	
17.	Assistant Business Manager	1	
18.	Clerical Employees including Stenographers and Bookkeepers	15	25
19.	Dietitian		2
20.	Housekeeping Employees	35	30
21.	Farm Employees	84	
22.	Other Employees	355	85
	MENTAL HYGIENE CLINIC—Total	1	16
	a. Physicians		1
	1. Director		1
	2. Assistant Director		
	b. Director Clinic Social Workers		1
	c. Psychologist	1	
	d. Social Workers		6
	e. Clerical Employees		8

FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDED JUNE 30, 1955

RECEIPTS

1. Balance on hand from previous fiscal year.....	\$.00
2. Received from appropriations.....		7,518,191.60
3. Received from paying patients		
(a) Devoted to hospital use		
(b) Paid into State general fund.....	\$3,741,280.17	3,741,280.17
4. Received from other government sources.....		
(a) Federal.....		
(b) State.....		
(c) County (paid into State general fund)		
(d) City		
5. Received from all other sources.....		
(a) Devoted to hospital use (Fire loss)..	\$2,291.63	
(b) Paid into the State general fund		2,291.63
6. TOTAL receipts (Sum of Items 1, 2, 3, 4, and 5)	\$11,261,763.40	

DISBURSEMENTS

Expenditures for maintenance:		
7. Salaries and wages	\$4,892,350.39	
8. Provisions (food)	901,363.94	
9. Fuel, light and water.....	389,604.19	
10. All other expenditures for maintenance	1,118,592.70	
11. TOTAL expenditures for maintenance (Sum of items 7, 8, 9, and 10)		\$7,301,911.22
12. Expenditures for improvements, including new buildings, additions, permanent betterments, etc.....		213,499.71
13. Expenditures for other purposes (specify) services other than personal		
14. TOTAL expenditures (Sum of items 11, 12, and 13).....	\$7,515,410.93	
15. Amount returned to State treasurer or other officials	3,744,469.52	
16. Balance on hand at close of year available. Include balance for maintenance and for all other purposes		1,882.95
17. TOTAL disbursements (Sum of items 14, 15, and 16; also equal to item 6).....	11,261,763.40	
18. Estimated value of consumed food raised on hospital farm ...		202,214.21
19. Do amounts reported above (items 8 and 18) include meals fed to staff and their families and other employees?.. Yes ___ No <input checked="" type="checkbox"/>		
(a) If so, how many individual meals were fed to staff, etc., during year?.....		
(b) If so, how many individual meals were fed to patients during year?.....		

MOVEMENT OF PATIENT POPULATION

	Total	Men	Women
Patients on books first day of year—Total....	7845	3719	4126
Resident	6719	3203	3516
In family care.....			
On visit	1065	492	573
On temporary visit	45	11	34
Missing	16	13	3
Admissions during year—Total.....	2026	1001	1025
First admissions	1462	759	703
Readmissions.....	518	222	296
Transfers from other hospitals for mental diseases	46	20	26
Total on books during year	9872	4721	5151
Discharged during year	1208	598	610
As recovered.....	503	253	250
As improved	691	332	359
As unimproved	3	2	1
As without mental disorder	11	11	
Discharged directly from institution .	354	192	162
Discharged while on parole or other- wise absent (excluding deaths)....	821	384	437
Deaths on parole or while otherwise absent from hospital.....	33	22	11
Transferred to other hospitals for mental diseases.....	316	172	144
Died	692	335	357
Total removed from books during year	2216	1105	1111
Patients on books last day of year	7656	3616	4040
Resident	6524	3116	3408
In family care.....	10	3	7
On visit.....	1061	472	589
On temporary visit.....	47	12	35
Missing	14	13	1
Average daily resident population	6634.3	3170.7	3463.6
Average daily population on books.....	7787.5	3696.6	4090.9
Total placements on absent status	5225	2319	2906
Total returns from absent status	4376	1933	2443

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

New Jersey State Library

MÓVEMENT OF PATIENT POPULATION

	Total	Men	Women
Receiving special care first day of year.....	2		2
Admitted for special care	11		11
Discharged from special care	11		11
Transferred to regular mental population...			
Died while receiving special care			
Receiving special care last day of year.....	2		2
	Total	Boys	Girls
Baby Census			
Babies in hospital first day of year.....			
Babies born during year.....	9	6	3
Babies discharged during year.....	6	5	1
Babies died.....	1	1	
Babies in hospital last day of year.....	2		2

DISCHARGES BY MENTAL DISORDER, SEX AND CONDITION
CONDITION ON DISCHARGE

MENTAL DISORDERS	Total	Total Discharges		Recovered		Improved		Unimproved		Unclassified	
		M	W	M	W	M	W	M	W	M	W
TOTAL	1208	598	610	253	250	332	359	2	1	11	
Acute Brain Syndromes.	15	9	6	9	6						
Alcoholic intoxication	10	6	4	6	4						
All other conditions ..	5	3	2	3	2						
Chronic Br. Syndromes.	238	151	87	124	56	26	31			1	
Meningo & other CNS	13	7	6	7	3		3				
CAS & Senile Br. Dis.	88	44	44	29	24	15	20				
Alcoholic intoxication	101	85	16	77	13	7	3			1	
All other conditions ..	36	15	21	11	16	4	5				
Psychotic Disorders	757	320	437	84	157	234	279	2	1		
Involutional	123	19	104	16	70	3	34				
Manic Depressive	137	45	92	35	63	10	29				
Schizophrenic	393	203	190	12	8	189	182	2			
All other conditions ..	104	53	51	23	16	32	34		1		
Psychophysiologic Auto- nomic & Visc. Dis.											
Psychoneurotic Reactions	72	40	32	1	2	38	30			1	
Personality Disorders...	85	57	28	24	12	26	16			7	
Transient Situational Personality Dis....	4	2	2	1	1	1	1				
Mental Deficiency with Psychosis	37	19	18	10	16	7	2			2	

COMMITTED AND VOLUNTARY ADMISSIONS BY SELECTED
MENTAL DISORDER

MENTAL DISORDERS	FIRST ADMISSIONS			READMISSIONS		
	Total	Committed	Voluntary	Total	Committed	Voluntary
TOTAL	1462	1277	185	518	400	118
Acute Brain Syndromes, total.....	5	5				
Alcoholic intoxication.....	4	4				
All other conditions.....	1	1				
Chronic Brain Syndromes, total....	640	592	48	100	77	23
CNS syphilis	5	5		6	4	2
CAS and senile brain disease...	478	467	11	39	37	2
Alcoholic intoxication	102	72	30	32	16	16
All other conditions.....	55	48	7	23	20	3
Psychotic Disorders, total.....	704	609	95	361	291	70
Involutional psychotic reactions	105	76	29	32	18	14
Manic-depressive reactions	70	57	13	84	62	22
Schizophrenic reactions.....	314	288	26	200	174	26
All other conditions	215	188	27	45	37	8
Psychoneurotic Reactions.....	51	19	32	19	4	15
Personality Disorders.....	36	28	8	18	11	7
Transient Situational Personality Disturbances.....	2	2				
Mental Deficiency, with Psychosis....	24	22	2	20	17	3
Without Mental Disorder						
Mental Disorder, Undiagnosed Psychosis.....						

AGE OF PATIENTS AT TIME OF DEATH

	TOTAL	MEN	WOMEN
Total	692	335	357
Under 15 years			
15—19 years.....	1		1
20—24 years	2	1	1
25—29 years	2	1	1
30—34 years	7	2	5
35—39 years	6	3	3
40—44 years	10	5	5
45—49 years	17	11	6
50—54 years	23	13	10
55—59 years	33	16	17
60—64 years	68	43	25
65—69 years	79	49	30
70—74 years	113	59	54
75—79 years	125	49	76
80—84 years	117	56	61
85 years and over.....	89	27	62

AGE OF RESIDENT POPULATION

	Total	Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85 & Over
Men	3131	2	20	59	150	230	232	309	380	368	290	304	284	235	145	73	50
Women	3452	3	20	57	133	228	314	344	354	351	361	336	307	247	193	123	81
Total	6583	5	40	116	283	458	546	653	734	719	651	640	591	482	338	196	131

