

974.901

H79.1

1952

PROPERTY
DEPT.

FEB 19 1953

Division of Library,
Archives and History
TRENTON

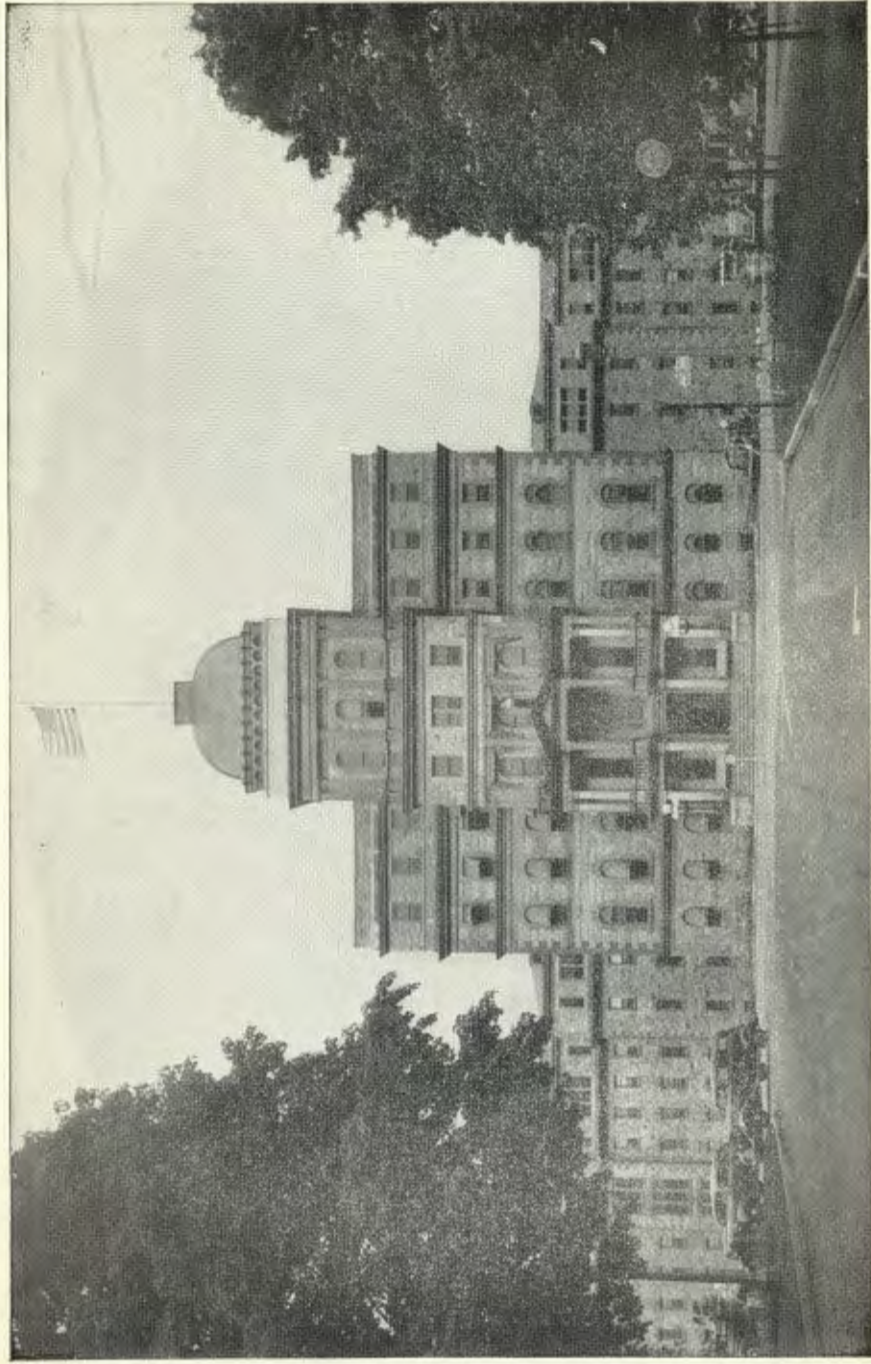
Annual Report
OF THE
Managers and Officers
OF THE
New Jersey State Hospital
At Greystone Park

To

974.9

A. R.

H.



ADMINISTRATION BUILDING

THE
SEVENTY-SEVENTH ANNUAL REPORT

OF THE

MANAGERS AND OFFICERS

OF THE

NEW JERSEY STATE HOSPITAL

AT

GREYSTONE PARK

FOR THE YEAR ENDED JUNE 30

1952

974.901

H 79.1

Board of Consultants
THE
SEVENTY-SEVENTH ANNUAL REPORT
OF THE
MANAGERS AND OFFICERS
OF THE
NEW JERSEY STATE HOSPITAL

AT
GREYSTONE PARK
FOR THE YEAR ENDED JUNE 30

1952 974.901
H 79.1

Board of Consultants

| | |
|------------------------------------|----------------------------------|
| GEORGE H. LATHROPE, M.D., F.A.C.P. | Clinical Medicine |
| CLIFFORD MILLS, M.D. | Surgery |
| BART M. JAMES, M.D. | Dermatology |
| HARRISON S. MARTLAND, M.D. | Pathology |
| CLARENCE O'CROWLEY, M.D. | Urology |
| DAVID A. KRAKER, M.D. | Gastro-Enterology and Proctology |
| FRANCIS C. BARTLEMAN, D.D.S. | Dental Surgery |
| FRED A. METTLER, A.M., M.D., Ph.D. | Neurology |
| J. LAWRENCE POOL, M.D., D.M.Sc. | Neuro-Surgery |
| EMANUEL H. FEIRING, M.D. | Neuro-Surgery |

This Hospital is approved by the
 AMERICAN COLLEGE OF SURGEONS
 THE AMERICAN MEDICAL ASSOCIATION
and the
 AMERICAN HOSPITAL ASSOCIATION

Board of Managers

| | |
|---------------------------|-----------------|
| <i>President</i> | |
| GEORGE O'HANLON, M.D. | Jersey City |
| <i>Vice-President</i> | |
| FRANK D. ABELL | Morristown |
| FREDERICK S. MOSELEY, JR. | Far Hills |
| MRS. RUTH STILES JOHNSON | Morristown |
| SCRIVEN S. EVANS, JR. | Paterson |
| MRS. MARGARET B. LEARY | Orange |
| WILLIAM E. LITTLEFIELD | Upper Montclair |

HAROLD M. PRETTYMAN, *Secretary*
 Morristown

ROBERT A. LOWERY, *Treasurer*
 Rockaway

Officers

ARCHIE CRANDELL, M. D.

Medical Superintendent and Chief Executive Officer

THEODORE GEBIRTIG, M. D.

Assistant Medical Superintendent

LAURENCE M. COLLINS, M. D.

Clinical Director

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

Assistant Clinical Director

JOHN T. NEAL, JR.

Business Manager

Senior Resident Physicians

JOSEPH DONOVAN, M. D.

PERRY J. GAMBILL, M. D.

RAYMOND J. HARQUAIL, M. D.

JAMES M. LASLEY, M. D.

DANIEL G. MELVIN, M. D.

EDWARD KESSLER, M. D.

WILLIAM S. VOORHIES, M. D.

HELEN I. ANDERSON, M. D.

AMEDEO ESPOSITO, M. D.

FRANK D. FENIMORE, M. D.

ARCHIE SOFMAN, M. D.

JOSEPH F. ZIGARELLI, M. D.

Resident Physicians

GERALD W. SNYDER, M. D.

JOHN MA, M. D.

*ISADORE PANZER, M. D.

ELIZABETH LITWIN, M. D.

*HERMAN TRITT, M. D.

*LEONID MUIDO, M. D.

*ALFRED LINGEN, M. D.

*JULIUS PERELMAN, M. D.

AKSEL PUSTROEM, M. D.

*JULIO HERRERO, M. D.

LIVIO MOCENIGO, M. D.

HENRY W. KLARK, M. D.

*CIRO GALLO, M. D.

TAMAS A. LANCZY, M. D.

STEPHANIA KORENEC, M. D.

*HENRYK BARAN, M. D.

MYRON DOLINSKY, M. D.

HELEN MAMANTOV, M. D.

STANISLAUS WOJDATT, M. D.

*RAYMOND DOHERTY, M. D.

*ANTONIO MARQUEZ, M. D.

*SZYJA GOLDWAG, M. D.

CARL DRAKE, M. D.

*CHARLES WHITEHILL, M. D.

FRED A. METTLER, M. D. Neurologist

ELIZABETH EKEN, M. D. Neurologist

MARSHALL D. HOGAN, M. D. Proctologist and Urologist

WILLIAM J. BYATT, D. D. S. Senior Resident Dentist

*SEYMOUR ASH, D. D. S. Resident Dentist

RICHARD T. BURNS, D. D. S. Resident Dentist

FRANCIS C. BARTLEMAN, D. D. S. Dental Surgeon

LAETITIA M. ROE, R. N., B. S. Director of Nursing

KEITH KEIDEL, A. B., B. D. Resident Chaplain

JENNIE BERMAN, M. S. W. Director of Hospital Psychiatric Social Service

G. KATHLEEN LITTEN, M. A. Director of Social Service Research

MARGARET DeVRIES Director of Occupational Therapy

DOROTHY E. JOHNSON Supervisor of Recreation

PHILIP B. ROBERTS, PH. G. Pharmacist-in-Charge

LOUIS BANGERT, PH. G. (on leave) Pharmacist

GEORGE H. ROWLAND, PH. G. Pharmacist

JOHN CALLERY, PH. G. Pharmacist

RUTH MILK WICK, A. B., B. S. Senior Librarian

RICHARD E. WINANS Personnel Director

HENRY E. LANDESMAN, M. E. Engineer-in-Charge

WILLIAM G. BEUCLER Building Service Supervisor

JAMES B. STUART Farm Supervisor

Northern New Jersey Mental Hygiene Clinics

THEODORE GEBIRTIG, M. D., Acting Director

MILDRED H. HURLEY Director of Social Service

**Resigned*

TABLE OF CONTENTS

| | Page |
|---|----------|
| Report of the Board of Managers | 9 |
| Treasurer's Report | 11 |
| Population by Counties | 12 |
| Report of the Chief Executive Officer, Introductory | 13 |
| Health | 14 |
| Statistical Resume | 15 |
| Clinical Department | 17 |
| Clinical Director's Report | 18 |
| Shock Therapy | 22 |
| Röntgenology and Electrotherapy | 23 |
| Tuberculosis | 24 |
| Surgery | 25 |
| Eye, Ear, Nose and Throat Department | 25 |
| Urology and Proctology | 26 |
| Dentistry | 26 |
| Pathology and Bacteriology | 26 |
| Health Service for Employees | 27 |
| Staff Matters | 28 |
| Appointments and Resignations | 30 |
| Resident Training | 31 |
| Research | 31 |
| Nursing | 32 |
| Religious Services | 36 |
| Social Service | 37 |
| Occupational Therapy | 37 |
| Recreation | 39 |
| Library | 40 |
| Greystone Park Association | 41 |
| Pharmacy | 41 |
| Physical Therapy | 41 |
| Barber Shops | 42 |
| Photography | 42 |
| Medical Records | 42 |
| Mental Hygiene Clinics | 43 |
| Business Department | 44 |
| Recommendations | 50 |
| Loss of Employees by Retirement or Death | 51 |
| Distinguished Visitors | 52 |
| Acknowledgments | 53 |
| Conclusion | 53 |
| Statistical Tables—Standard Forms | Appendix |

Report To The Commissioner To The Honorable Sanford Bates, Commissioner of Institutions and Agencies:

The Board of Managers of the New Jersey State Hospital at Greystone Park present to you their seventy-seventh report, together with the report of Dr. Archie Crandell, Medical Superintendent and Chief Executive Officer, for the fiscal year ended June 30, 1952.

Dr. Archie Crandell completed his second year as head of the largest institution in the State and during this time he has constantly stressed to this Board of Managers and to the Central Department that the paramount duty of the State of New Jersey was to give our patients adequate and humane treatment and return them to the community as useful citizens. We have worked with and supported him in these recommendations and endeavors and we feel that the results of this close cooperation are reflected in the brief statistics in our report and given in detail in the Superintendent's report. We have carefully analyzed the budget requests for the coming year, particularly those to provide actual care and treatment to the patients, and we are of the opinion that the requests are based on needs. Less appropriations would only appear as paper saving and would result in a distinct and serious loss of the type of treatment this institution is now giving the patients entrusted to our care and which is rightfully expected of us by our citizens.

On July 1, 1951, there were on the hospital books 7,194 patients (3,388 men and 3,806 women). On June 30, 1952, there were on the books 7,373 patients (3,466 men and 3,907 women) excluding one male infant, an increase of 179 patients made up of 78 men and 101 women. There were 6,306 patients actually resident in the hospital (3,018 men and 3,288 women) excluding one male infant; 1,067 were out of the hospital on visit, temporary visit, or missing; during the year there were admitted 2,140 patients, including 2,130 regular patients and 10 sent in for special care. The discharges numbered 1,197 regular patients, 10 discharged from special care, and one special case died. Of those reg-

ularly discharged, 520 were recovered, 633 improved, 7 unimproved, and 37 without psychosis. During the year 142 were transferred to other hospitals for mental disease. The deaths numbered 611 and the total under care was 9,334 patients. The recovery rate was 33.8 per cent and the improved 41 per cent based on the number of first admissions which was 1,538.

Twelve regular meetings of the Board were held during the year with an attendance of 70; special meetings, conferences, committee meetings; and visits numbered 137, which made 207 recorded trips to the hospital by Board members. In addition, there were conferences held off the grounds or outside of office hours not listed in the official records.

Mr. Abell and Mr. Evans had perfect attendance records, while Mr. Moseley, Mrs. Johnson, and Mr. Littlefield were absent only twice. Mrs. Leary attended 9 regular meetings and Dr. O'Hanlon attended 7.

We have carefully reviewed the report submitted to us by the Medical Superintendent and Chief Executive Officer and we are in accord with his comments and recommendations. These recommendations are the forerunner of the type of institution we are all working toward and we respectfully request your careful consideration of all these items.

The entire Board of Managers feel, Commissioner Bates, that you and your entire official staff have given this institution tremendous guidance and assistance during the year and we express to you our utmost appreciation.

We continue to express our appreciation to Dr. Crandell, Dr. Collins, Dr. Gebirtig, Mr. Neal, The Board of Consultants, and all the officers and co-workers for the excellent service rendered the institution during the past fiscal year.

Respectfully submitted,

GEORGE O'HANLON, M. D., *President*

FRANK D. ABELL, *Vice-President*

FREDERICK S. MOSELEY, JR.

RUTH STILES JOHNSON

SCRIVEN S. EVANS, JR.

MARGARET B. LEARY

WILLIAM E. LITTLEFIELD

Treasurer's Report of Cash Receipts and Disbursements for the Fiscal Year Ended June 30, 1952

RECEIPTS

| | |
|--|----------------|
| From Atlantic County | 198.12 |
| " Bergen County | 474,826.92 |
| " Burlington County | 326.37 |
| " Camden County | 1,170.14 |
| " Cape May County | 209.76 |
| " Cumberland County | 894.12 |
| " Essex County | 673,418.11 |
| " Gloucester County | 384.15 |
| " Hudson County | 227,419.83 |
| " Hunterdon County | 1,416.98 |
| " Mercer County | 533.44 |
| " Middlesex County | 7,291.21 |
| " Monmouth County | 5,450.62 |
| " Morris County | 199,163.08 |
| " Ocean County | 885.71 |
| " Passaic County | 534,667.91 |
| " Salem County | 492.18 |
| " Somerset County | 4,306.73 |
| " Sussex County | 28,935.38 |
| " Union County | 49,674.62 |
| " Warren County | 2,322.10 |
| " Non-Indigent Patients | 342,657.87 |
| " State Contributing Patients | 26,234.36 |
| " Excess Maintenance Collected by Counties | 64,948.87 |
| " Miscellaneous Collections | 26,611.55 |
| | \$2,674,440.13 |

DISBURSEMENTS

Amount of Collections deposited with State Treasurer..... \$2,674,440.13

ROBERT A. LOWERY
Treasurer.

Population by Counties in N. J.

1950 Census

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

Report of the Chief Executive Officer

To The Board Of Managers:

This is the seventy-seventh annual report of The New Jersey State Hospital at Greystone Park, and covers the fiscal year from July 1, 1951, to June 30, 1952. Included are the reports of the various medical specialties and the different departments in condensed form, as well as the report of the Business Manager.

As in former years, the continued overcrowding has been our greatest difficulty. Our admission rate, which has shown a steady increase during the past years, has again exceeded all previous records with 2,140 admissions during the year. Our resident population reached 6,320, and was 6,307 at the close of the year. With a rated capacity of 4,290, the hospital is overcrowded by 47 per cent. No additional bed space has been provided during the year so that adequate study, classification and treatment has continued to be a most difficult problem.

The gradual fireproofing of the south side of the Main Building has been continued, the reconstruction being confined to Tier 3 of that wing. During this work, patients formerly residing in that area have had to be crowded into other portions of the building. The completion of the whole project on the South Side is still at least two years in the future. The contemplated fire-proofing and reconstruction of the Dormitory Building, using money from the bond issue, has awaited the completion of a shop-type building which will temporarily house three hundred patients from the Dormitory Building. This will allow the work to proceed in five sections, each section having a capacity of three hundred patients, and this project will probably require four or five years. Even on the completion of the South Side and the Dormitory reconstruction, there will be no additional bed space provided, and if the admissions continue at the rate of the past few years, the overcrowding will become even more disastrous.

The manifold educational activities of the hospital were continued during the year under the supervision of the Clinical Director, resident

physicians continued their training in psychiatry, theological students received clinical training under the direct supervision of the Resident Chaplain, and the nursing school furnished training in psychiatric nursing to affiliate students from a score of general hospitals, as well as graduate training to a group of officers of the Nurse Corps of the United States Air Force. The ninth class of students under the psychiatric technician training program was graduated after completion of the uniform curriculum set up by the Department of Institutions and Agencies. Training also continued for new hospital aides, and these employees as well as some selected volunteers pursued an intensive indoctrination course prior to their assignment to ward duty. A student from the Adelphi College School of Social Work received training and supervision during the year, but the affiliation with Smith College for training of psychiatric social work students had to be again omitted due to the shortage of personnel in the Mental Hygiene Clinic.

It is gratifying that in spite of the continued marked overcrowding and with the highest admission rate in our history and the largest resident population, the rate of patients discharged as recovered and improved showed a gain.

Health

The hospital has fortunately been free of any illness of epidemic proportions during the year, and the general health of both the employees and the patient population has been good. All new employees as well as all newly admitted patients have routine physical and laboratory examinations, and in this way morbid conditions are uncovered. The new x-ray equipment obtained in cooperation with the State Department of Health has facilitated this work as well as our efforts to aid in the cancer control program. Tuberculosis case finding utilizes both initial and repeat chest x-rays in which the entire hospital population is surveyed annually. Several cases of amoebic dysentery were uncovered during routine laboratory testing, and responded to specific and antibiotic treatment. Employees and patients handling food are examined at frequent intervals. The Department of Agriculture has continued its supervision of food products delivered to the hospital, and thus we have accepted only food products of standard quality.

There are still six women who are typhoid carriers in isolation on a hospital ward of the Main Building. They have continued in isolation

since the mild typhoid outbreak in 1944 and, since their general health is excellent, we will undoubtedly have this group with us for some time.

Statistical Resume

General Data: During the year ending June 30, 1952, there were admitted 2,140 patients (1,061 men and 1,079 women). This total figure is 124 more than last year. The admissions included 1,538 first admissions (785 men and 753 women), 502 readmissions (235 men and 267 women), 90 transfers from other similar hospitals in New Jersey (41 men and 49 women), and 10 special cases, all women admitted for surgery from the North Jersey Training School at Totowa. The above figures include 31 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950), together with 4 patients (3 men and 1 woman) committed for examination, study and classification under the Provisions of Section 2:192-1.2 Revised Statutes of 1937. The number of patients discharged, including deaths was 1,961 (983 men and 978 women), making an increase of 179 patients on the books at the close of the year. Based on the 1,975 patients admitted with psychosis, the 1,153 discharged as recovered (26.3) and improved (32.) give a rate of 58.3 per 100 admissions; the 7 discharged as unimproved give a rate of 0.4, making the total discharge rate for this group of 58.7. With the total admissions (excluding special cases) of 2,130 used as a basis, the 1,197 total discharges present a discharge rate of 56.2.

There were under treatment during the year 9,334 patients (4,449 men and 4,885 women), which was 387 more than the preceding year. The maximum census for the year was 7,373 obtained on June 30th and the highest number actually in the hospital at any one time was 6,320 on June 23rd and 24th. The average daily number in the hospital was 6,221.6. At the close of the year there were in the hospital 6,307 patients (3,019 men, including 1 baby boy, and 3,288 women); 1,067 patients were out of the hospital; 1,054 patients (439 men and 615 women) were carried on visit or temporary visit, and 13 patients (9 men and 4 women) were carried as missing. This is an increase of 48 patients outside the hospital and of 131 actually in the hospital at the close of the year.

First admissions: Of the 1,538 first admissions there were 1,165 patients of native birth (592 men and 573 women); the foreign-born numbered 373 (193 men and 180 women) or 24.3 per cent of the first admissions, which is 2.1 per cent less than last year. Both parents of 697 patients

were also of native birth, while in 124 cases one parent was born in this country and the other was of foreign birth. Of the foreign born patients, 78 were natives of Italy, 45 of Germany, 28 of Ireland, 24 of England, 47 of Poland and 25 of Russia. These six countries furnished 66.2 per cent of the foreign born first admissions. The naturalized citizens numbered 237 and the aliens 136.

Tabulation of the psychoses of first admissions shows 417 patients diagnosed Psychosis with Cerebral Arteriosclerosis, 319 with Dementia Precox and 100 with Manic Depressive Psychosis. These three groups accounted for 54.36 per cent. Other psychoses showing high incidence were Involutional, 106; due to Alcohol, 102; Senile, 91; with Mental Deficiency, 40; and with Psychopathic Personality, 36.

The age tabulation, reckoned in five-year groups, shows that the median for admissions fell between the ages of 45 and 49, half of the first admissions being below this age and half above; the greatest number of admissions were listed in the four groups between 25 and 44 and included 34.7 per cent of the first admissions. Under 25 were 153 patients and 361 were 70 years of age or over.

The civil condition of the first admissions was classified as follows: 433 single (275 men and 158 women), 659 married (335 men and 324 women), 351 widowed (125 men and 226 women), 54 separated (28 men and 26 women), and 41 divorced (22 men and 19 women).

Readmissions: The total in this group was 502 (235 men and 267 women). In the classification according to psychosis, 199 were suffering from Dementia Precox and 73 from Manic Depressive Psychosis or 54.2 per cent of the readmissions.

Discharges: The total of those regularly discharged was 1,197 (563 men and 634 women). Of this number, 520 (237 men and 283 women) were considered to have recovered from their psychoses. This is 33.8 per cent based on the number of first admissions, which is 2.4 per cent higher than last year. Of those discharged as Recovered, patients suffering from Manic Depressive Psychosis constituted 24.6 per cent or 128 patients. A total of 633 (298 men and 335 women) were discharged as Improved, or 41.2 per cent based on the number of first admissions, which is .1 per cent less than last year. The manner of discharge of the remaining patients was as follows: 7 Unimproved (3 men and 4 women), and 37 Without Mental Disorder (25 men and 12 women). In addition to those discharged, 142 patients (107 men and 35 women) were trans-

ferred to other similar hospitals in New Jersey; also, 10 special cases (all women) admitted from the North Jersey Training School at Totowa for surgery were returned to that institution and 1 woman died. The above figures include 4 men committed under the Sex Offenders Act (Chapter 207, Laws of 1950), together with 5 patients (3 men and 2 women) committed for examination, study and classification under the provisions of Section 2:192-1.2 Revised Statutes of 1937.

Deaths: During the year 611 patients died, 313 men and 298 women. This is a rate of 6.54 per cent, based on the number under treatment and is .19 lower than last year.

The largest single cause of death was disease of the circulatory system which was certified in 355 cases or 58.1 per cent of the total number. This is 6.7 per cent lower than last year.

Syphilis was the cause of death in 3 cases; tuberculosis in 24; cancer and tumors, 31; bronchopneumonia, 105; and lobar pneumonia, 5.

The average age at death increased by .85 years over last year to the figure 70.71. At the time of death 505 or 82.6 per cent had passed the age of 60 years, a percentage 1.7 higher than last year. Those over 70 years of age totaled 364, and of this number 145 were in the 80's and 25 were in the 90's.

The tabulation of the duration of hospital life showed that while 138 patients had been in the hospital less than one month, 56 patients had a residence of 20 years and over at the time of death and of these, 39 were suffering from Dementia Precox.

The following transfers show the movement of non-resident and deportable cases encountered during the year: To mental hospitals outside the state, 27; to mental hospitals within the state, 142; to North Jersey Training School, 10; to institutions for feeble-minded, 4; to Village for Epileptics at Skillman, 2; and deported, 2. There were 44 cases handled and reported who were removed by relatives, discharged or died.

Clinical Department

Dr. Laurence M. Collins, who has been a member of the staff of this hospital for thirty-five years and Clinical Director for eleven years, has continued the active supervision of the professional services. Dr. William H. Longley, Jr., Assistant Clinical Director, has assisted him and had direct supervision of the educational activities and the hospital social service work. Through their leadership and the excellent work

of the entire staff, the standard of professional care of the patients has been maintained on a high level throughout this year, even though our shortage of personnel and our overcrowding has reached a new high. The report of the Clinical Director follows:

Clinical Director's Report

The yearly trend toward ever higher admission rates continued during the past year with a sudden acceleration which carried to a new record high 124 above last year's figures. There were 2,140 admissions during the year which were evenly divided between men and women, 1,061 and 1,079 respectively. Compared to the total admission increase of 124, there were 40 more admissions aged 70 and over than we had last year, which signifies that the disabilities of age were keeping pace with the increased census of the community served by the hospital and that the community is finding itself increasingly unable or unwilling to care for its aged at home. Thirty-one male admissions were sent to us from the courts under the provisions of the Sex Offender Act, compared to 23 last year. The total number of patients under treatment during the year increased by 387.

The number of patients discharged during the year kept up with the increased number of first admissions. This probably is a reflection of an increased willingness, tempered with caution, on the part of the staff to allow patients, because of the crowded state of the institution, to go home as soon as maximum hospitalization benefits had been achieved. Therapeutic programs for the individual patients were also instituted promptly to cut down the average duration of the patient's stay in the hospital and lighten the patient-day load. The 633 patients discharged as improved (298 men and 335 women) constituted 41.2 per cent of our figure for first admissions, and the 520 discharged as recovered (237 men and 283 women) constituted 33.8 per cent, which is an increase of 2.4 per cent over last year.

Grouping the new admissions by diagnostic classes it was noted that our admission rate for arteriosclerotic and senile diseases was increased, while for psychoneurosis and psychopathic personality, figures were nearly identical with a year ago. We find that central nervous system syphilis as a cause of mental disorder continues to become a vanishing disease under the efficacy of modern treatment since only 27 patients with that disability were seen all year. This figure includes both the

meningo-encephalitic and meningo-vascular types of the disease and compares to the figures of 55 five years ago, 98 ten years ago, and 125 fifteen years ago. The severity of the cases of paresis we now see is apparently milder than that of those patients we treated in years gone by. There were twenty per cent more alcoholics admitted than last year which is due to our acceptance in the past few months of some voluntary patients for Antabuse Therapy. We had 8 more sex offenders sentenced for treatment than in the preceding year, a thirty-five per cent increase.

In the past year 611 patients died (313 men and 298 women). Our mortality rate, based on the total number under treatment was 6.54 and represents a decrease of 0.19 in the percentage rate. The average age at death increased from 69.86 to 70.71. The advanced ages of the patients kept disease of the circulatory system far ahead of the other causes of death listed. There were 355 cardiac deaths and 105 listed as having died of bronchopneumonia. Most of these latter were pneumonias of the hypostatic type associated with circulatory failure. Thirty-one of the patients were found at autopsy to have cancers of varying degrees of activity. This accentuates the importance of a cancer case-finding survey now that our new x-ray equipment is in operation. Last year there were 157 autopsies performed which, noting the existence of 18 coroner's cases, gives us a percentage of 26.48, a figure well over the requirements of the Council on Medical Education and Hospitals of the American Medical Association for approval.

The hospital has been keeping up to date on the latest approved methods of therapy, both in medical and psychiatric treatment. The new chemotherapy of tuberculosis with Rimifon and Marsilid is being carried out on selected patients and with generally excellent results, though it is noted that the patients vary somewhat in their response to the treatment. A number of alcoholic patients have been started on Antabuse in the past year without untoward incidents and in every case the chemotherapy has been administered in conjunction with group and individual psychotherapy and a contact with Alcoholics Anonymous was made for the patient. At present a project is under way to evaluate the effect of Metrazol in stimulant doses by mouth on patients with confusion resulting from cerebral arteriosclerosis. The theory to be proven is that by mildly stimulating the heart we can improve the cerebral circulation and improve the functioning of the centers which regulate respiration and the cardiac rate, thus reversing what previously had been a vicious

circle of deterioration. During the year we have on several occasions allotted time to representatives of major drug firms to set up demonstrations or show educational films on the latest advances in drug therapy. The staff attendance and interest in these topics were excellent.

Group and individual psychotherapy was continued actively by Dr. Longley, Dr. Esposito, and the psychological staff. There were two men's groups, largely composed of sex offenders, which ran a scheduled three hours weekly throughout the year; two women's groups were active, and one mixed group of men and women patients, running since late winter. This latter has been an especially active and interested group. One women's group was too large and produced only moderate results, but the other groups which were limited in size to a maximum of ten patients were very successful. The patients were sometimes able to get members of their families to attend some of the group sessions and later reported that the relatives were very favorably impressed and that the influence had been felt in the home environment. The therapy was analytically oriented and attention was focused equally on the theory of human motivation, an increased understanding of personal character structure, and the interpersonal reactions between group members during the sessions. After the members of the regular groups had become sufficiently familiar with theory and the technique, they were encouraged to break up into pairs and threes in the evening and get together with other patients on the ward for informal discussion groups of which they would be the leaders. These meetings were frequently attended by the therapists of the daytime groups, and the effects of therapy spread to all who were interested. Patients who have gone through group therapy have founded an association of their own after leaving the hospital and are planning regular monthly meetings to which they will invite various staff members as guest speakers in the coming year.

Staff training and education have achieved an intensity in the past year that has never before been equalled in this institution. Three sources are acknowledged as contributing largely to this accomplishment. First, the Superintendent's desire, which is fully shared by the staff, for restoration of this hospital's status of approval for residency training. This impetus gained influential and necessary support in Trenton, so that financial support and advice were made available. Secondly, through the friendly interest and efforts of Dr. Fred A. Mettler of the Columbia University College of Physicians and Surgeons, a teaching program was

scheduled with a distinguished and very capable staff of lecturers to implement it. Dr. Mettler also drew on his long teaching experience to give much helpful advice and material on the organization of auxiliary training activities here at the institution. Thirdly, in the past year we acquired nine new members of the staff who were energetic and interested in participating in such an educational program. These physicians, with a large number of the regular staff who were interested, constituted a steady nucleus of an enthusiastic group which inspired the various lecturers to their best efforts. In addition to the program of didactic teaching there were regular seminar sessions of the staff, regular clinical case presentations, x-ray film reviews, Journal Club meetings, clinical pathological conferences, and brain-cutting sessions. Dr. Elizabeth Eken, formerly of our resident staff and currently on the house staff at the Neurological Institute, generously gave her time and assistance in the latter on many occasions. A reorganization of the staff assignments was also effected so that the men in the training program were assigned largely to the active treatment services and were integrated into a preceptor system to facilitate their learning of the specialty. Each resident in the training program is preparing to write an article on some topic of special interest to him. These papers will be offered for publication when finished if approved by the resident's preceptor, the Clinical Director, and the Superintendent.

Regular diagnostic staff meetings have continued to be held four days a week and on Mondays cases have been considered for discharge and release from the hospital on home visit. These meetings have been attended by the affiliate nurses, psychiatric technician trainees, psychological internes, and clinical pastoral trainees as a part of their regular training. Monday afternoon rounds were made regularly with the Superintendent to visit all new admissions of the preceding week; establish a provisional diagnosis, and assign them to members of the staff for special study, diagnosis and treatment.

The psychology section under the direct supervision of Miss Sylvia Friedman, Assistant Psychologist, has been continuously busy. Mr. Leon Herschkowitz, Mr. Alvin Galitzin, Mr. Adrian Solomon, Mr. Alfonse Ceres, and Mr. Wallace Schneider have been the internes. Early in the year they concentrated on doing very complete workups on cases which were difficult to evaluate clinically and where their reports would be of greatest assistance to the doctors in diagnosing and arranging the program of

treatment for the individual patient. In late months they have added a general screening test battery which is administered to all new admissions and permits more rapid classification for therapy. The section has also participated in hospital activities by giving lectures to staff and student groups, has performed special tests in some of the residents' research projects, and has conducted part of the group therapy activity under supervision.

The shock service under Dr. Esposito's direction continued its high quality and quantity of production. The service completed courses of treatment on 323 patients during the year, and gave a total of nearly 10,000 treatments on Wards 14 and 15. Ambulatory electro-shock treatment was given on both male and female wards in all buildings to a total of 10,000 more. Dr. Fenimore and Dr. Anderson gave treatments in their own buildings and thus distributed the work load. During the year Dr. Esposito conducted a special inquiry into the possible relationship of liver function to the occasional profound reactions that occur in insulin shock. This is indicative of the constant spirit of alertness and concern with the patient's welfare which pervades the service and makes it one of our best. During the year Drs. Pustroem, Mocenigo, and Dolinsky rotated on the service with Dr. Esposito for training and experience.

In spite of the upheaval of reorganization, occasional temporary shortages of materials, the necessity for added care and watchfulness with new personnel and an overload of patients, the staff has shown fine spirit and cooperation during the year. Their efforts have been felt and appreciated by the patients, their relatives and the officials.

Shock Therapy

Under the supervision of Dr. Amedeo Esposito, the Shock Therapy Service, as noted above, has continued to be one of the most active in the hospital. Dr. Esposito has reported on the cases under his care, listing them by diagnosis and duration. A summary of his report indicates that 323 patients completed a course of treatments on his service during the year and 122 are currently receiving treatment. Of a total of 160 men whose treatment has been completed, 82.5 per cent are out of the hospital, 8.1 per cent are still in the hospital but in an improved condition, and 9.4 per cent have shown no improvement. Of the 163 women whose treatment was completed, 77.9 per cent are out of the hospital, 14.8 per cent remain in the hospital but in an improved condition, and

7.3 per cent showed no improvement during the course of treatment.

There were two deaths; one male patient who was admitted to the ward in a critical condition died from exhaustion delirium, and another male patient, undergoing insulin treatment, died as a result of toxic hepatitis. As a result of this last death, for a period of three months all patients started on insulin-coma treatments were given routine liver function tests, under the supervision and guidance of Dr. Abraham Gitlitz, Pathologist. During the year treatments were discontinued on two patients who showed on x-ray examination compression fractures of the lumbar region.

Ambulatory electro-shock treatments have been carried out in the Reception Building by Dr. Fenimore, and a total of 512 patients received this treatment in the Reception Building. In the Main Building Services an average of 15 men and 30 women were treated twice a week with encouraging results in these quite chronic cases. Dr. Anderson administered electric shock treatments to women patients in the Dormitory, and Dr. Melvin to some of the more overactive patients on his Tuberculosis Service.

Most of the patients receiving combined insulin and electro-shock therapy on Wards 14 and 15 in the Clinic Building had previously received electric shock treatments with insufficient improvement. The high percentage of patients leaving the hospital following the combined therapy indicates a superiority of insulin coma with electro-shock treatments, especially for the schizophrenic patient, as compared to any other forms of treatment.

The use of Intocostin in selected cases where electro-shock alone was contra-indicated because of skeletal deformities and old fractures was continued with good results. Electro-shock has been used as the anesthetic in transorbital lobotomy operations, an average of six patients a week receiving this therapy. Following the operation it has been routine to administer a series of six electro-shock treatments, a procedure which seems to have been beneficial in these cases.

Roentgenology and Electrotherapy

Dr. Daniel G. Melvin has remained in charge of roentgenology and electrotherapy, and has supervised the operation of the unit in the Tuberculosis Building as well as the main service in the Clinic Building where the staff has been enlarged to four. A new cardioscribe, two

inductotherms and two muscle stimulators have been added to the equipment. An eight-channel Medcraft electroencephalograph has been obtained and is installed in the Reception Building adjacent to the office of Dr. Joseph Zigarelli, who is responsible for its operation. Summary of x-ray examinations follows:

During the past year there were a total of 6,025 exposures; mandible and maxillae, 1,775; head, 834; trachea and esophagus, 2; chest, 563; shoulder, 281; elbow, 92; radius and ulna, 25; wrist, 152; hand, 319; spine, 486; hip, 207; femur, 23; knee, 135; tibia and fibula, 51; ankle, 169; foot, 199; abdomen, 712. A careful cross-index has been kept of the diagnoses, which is useful for research and teaching purposes. A total of 1,963 treatments were given, including diathermy and other electrical modalities, and 187 electro-cardiograms were made.

Tuberculosis

The Tuberculosis Service remained under the supervision of Dr. Daniel G. Melvin, who has been assisted by Dr. John Ma and, since January 7, 1952, by Dr. Helen Mamantov who joined our staff following a sixteen-month residency in tuberculosis at Sea View Hospital in Staten Island. Research on the isonicotinic acid hydrazides, Rimifon and Marsilid has been conducted, the medication being supplied by Hoffman-LaRoche during the early months of the research. Cases for this treatment were selected because they had failed to respond to the usual types of therapy and were far-advanced. A definite report on the efficacy of this medication awaits its further use, but numerous cases showing positive sputa are now found to be negative. In addition to the above, shock therapy has been made possible on a wider scale by the assignment of a separate machine to the Tuberculosis Service. Occupational therapy has also been used to a greater extent, many of the patients enjoying this form of creative work. An additional television set was installed through the efforts of the Greystone Park Association.

Statistics for the service show the admission of 58 men and 37 women; the deaths of 35 men and 12 women; there were 2 men and 1 woman discharged from the hospital; 3 men and 7 women were allowed out on a year's visit, with 4 women returning from this status. There were 24 men and 36 women transferred to other buildings in the hospital. During the year 29 tuberculous patients were transferred from the New Jersey State Hospital at Marlboro to this service. There were 4,721 fluoroscopic

examinations, 5,075 photoroentgen chest pictures, and over 3,000 larger x-ray pictures made. Therapy included 3,409 artificial pneumothorax treatments.

The personnel situation has improved, but it is hoped that incentive pay may be possible for those working in this more hazardous service.

Surgery

The surgical Service has remained under the active charge of Dr. Edward Kessler, with Dr. Collins acting as Consultant and performing operations in his absence. Detailed reports of the operations performed are found in the individual case records.

During the year 18 laparotomies were performed for gastro-intestinal conditions, 15 operations for the repair of various types of hernias, and 16 operations were performed for various gynecological conditions. Other operations included 2 thyroidectomies, 4 radical breast amputations, 2 removals of foreign bodies from the alimentary tract, 2 operations for hemiplegia, and 2 amputations of extremities necessitated by gangrene. Five patients were operated for repair of tendons, and 1 for chronic cholecystitis. Sixty transorbital lobotomies were performed. A large number of fractures were treated, occurring for the most part in old and enfeebled patients whose bony structure was pathologically fragile; these cases totaled 132, some being treated with insertion of pins.

During the year 5 boys and 4 girls were born alive in the hospital and there was 1 stillbirth. One boy and 1 girl, twins, died shortly after birth; 1 child was removed by the State Board of Child Welfare, 1 was placed in the Bergen County Children's Home, and the others were removed by families of the patients.

There were 4 accidental deaths during the year, all male patients. One, aged 75, died of asphyxiation when a bolus of food lodged in his throat. Three were deaths from strangulation, the successful culmination of suicidal attempts. In each case the incident was thoroughly investigated by both the hospital and county authorities and no negligence was found.

Eye, Ear, Nose and Throat Department

Dr. Perry J. Gambill, who has completed twenty-eight years on the hospital staff in charge of this department, reports a very busy year, assisted by his office nurse, Mrs. Edith Emery. Routine examination was performed on 2,120 newly admitted patients, as well as 1,673 special

examinations on patients in the hospital, with a total of 4,294 treatments performed. There were 909 special examinations on employees with 751 treatments administered. A wide variety of surgical operations were performed as indicated, totaling approximately 700 on patients and over 100 on employees. Many patients have also had refractions and eye glasses fitted. Audiograms have been made whenever hearing difficulties indicated this procedure.

Urology and Proctology

Dr. Marshall D. Hogan has made frequent visits to the hospital and has supervised the urology and proctology. During the year he performed 3 supra-pubic prostatectomies, 2 emergency supra-pubic cystotomies and 2 bilateral vasectomies as well as 5 operations for rectal prolapse and 3 for hemorrhoids. Under his supervision, Mr. Jack Taylor, R.N., gave a total of 3,276 colonic irrigations. The report also shows 120 urological consultations with examination, 241 rectal consultations with examination, and 560 routine rectal examinations. Other treatments included 206 catheterizations and over 200 other urological treatments.

Dentistry

Dr. William J. Byatt, Senior Resident Dentist, has been in charge of the service, with Dr. Francis C. Bartleman as Consultant in Dental Surgery. Dr. Richard T. Burns serves as resident dentist following the resignation on October 16, 1951, of Dr. Seymour Ash, who entered the military service. Mr. Patrick DeNapoly, dental technician, has continued to operate the Prosthetic Laboratory.

During the year there were 3,865 patient visits and 1,061 newly admitted patients who had a thorough dental examination with 352 intra-oral x-rays taken. There were 2,405 extractions, 678 fillings and 1,982 other treatments. Oral surgery was performed on 223 patients. There were 158 out-patient visits. The Prosthetic Laboratory made 137 full dentures, 66 partial dentures with gold clasps, and 68 also included a gold lingual bar, a total of 271 dentures.

Pathology and Bacteriology

Under the supervision of Dr. Abraham J. Gitlitz, the laboratories have continued to lend invaluable assistance to the medical staff in establishing a clearer evaluation of the disease processes through the addition of several new tests to those routinely performed. New apparatus

required for the additional tests as well as other materials which have increased the efficiency of this department have been acquired. Tests to promote the safety of shock therapy and to evaluate the safety of the administration of Antabuse in the treatment of alcoholics were performed in cooperation with the clinical staff. The pathological work is summarized as follows:

A total of 7,346 urinalyses were done.

Hematology: Red blood cell count, 3,776; white blood cell count, 3,744; differential count, 2,245; hemoglobin, 3,815; examination of malarial smears, 2; bleeding time, 201; clotting time, 201; sedimentation rate, 360; blood typing, 3,302; Rh factor, 3,302; cross-matching, 36; prothrombin time, 242; capillary resistance, 1.

Blood chemistry: Urea Nitrogen, 2,716; non-protein nitrogen, 37; creatinine, 11; sugar, 4,451; uric acid, 31; blood chlorides, 100; cholesterol, 21; icterus index, 21; VandenBergh, 21; glucose tolerance, 38; calcium, 4; serum bromide, 4; CO₂, 15; total protein, 19; albumin, 19; globulin, 19; A/g ratio, 19; acid phosphatase, 3; alkaline 2, phosphatase, 2.

Immunological tests included 4,584 each of Wassermann and Kline tests and 6 heterophile anti-body agglutination tests. There were 315 spinal fluid examinations, including Wassermann, cell count, globulin, colloidal gold curve, and quantitative sugar, and there was a total of 92 bacteriological cultures, 37 guinea pig inoculations, and a total of 467 smears made for microscopic examinations. There were 2,108 pieces of tissues examined in the course of 157 autopsies; 522 pieces of surgical tissues were examined, and there were 19 blood transfusions reported, as well as 474 feces examinations and 323 miscellaneous tests, including 113 bromsulphalein and 114 cephalin cholesterol flocculation tests, 35 basal metabolism tests and 38 Friedman tests.

Health Service for Employees

Dr. Joseph Donovan has continued in charge of the Health Service for Employees, which includes the Out-Patient Clinic as well as the ward in the Clinic Building for employees. He reports the physical examination of 1,887 new applicants for employment as well as 6,189 re-examinations and treatments for employees, affiliate student nurses and others. During the year there were 635 admissions to the employees' ward, with a total of 3 deaths; Fred Dennett, attendant, died at the age of 56 of acute hepatitis; William E. Smith, food service worker, died at

the age of 56 of cerebral hemorrhage, and Henry S. Boese, attendant, died at the age of 57 of acute dilatation of the heart.

Staff Matters

Staff assignments have remained generally unchanged during the past year. Dr. Theodore Gebirtig, assistant superintendent, has continued as acting director of the Mental Hygiene Clinics; Dr. Laurence M. Collins, clinical director, has continued to supervise the treatment and disposition of patients, assisted by Dr. William H. Longley, assistant clinical director, who has also directly supervised the resident training program and group psychotherapy.

In the Reception Building, Dr. Frank D. Fenimore has directed the female reception service, and Dr. Joseph F. Zigarelli, the male service as well as the electroencephalographic work. In the Clinic Building, the medical 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 all 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, the female service continued under the direction of Dr. Raymond J. Harquail, and the male service under Dr. James M. Lasley. The Dormitory Building and the unit where working patients reside have been under the charge of Dr. Helen I. Anderson. Dr. Daniel G. Melvin has been head of the Tuberculosis Service and has also continued to be responsible for the operation of the X-Ray Department.

In spite of our increased patient population and shortage of personnel, the medical staff has functioned most effectively and cooperatively throughout the year. Scientific meetings and several lectures given in this area have been well attended by staff members. Dr. Melvin and Dr. Anderson completed a ten-week course in psychiatry and neurology at Columbia University, through the cooperation of Dr. Newton J. T. Bigelow, Commissioner of the New York State Department of Mental Hygiene. An eleven-month course in psychiatry, given one day each week, was attended by Drs. Fenimore and Melvin at the Psychiatric Institute in New York City; Dr. Ma devoted each Saturday for a period of three months to a course in cardiology, given at the Pollak Hospital for Chest Diseases in Jersey City Medical Center. Dr. Gebirtig repre-

sented the hospital at the Third Mental Hospital Institute at Louisville, Kentucky; during the year he was elected president of the New Jersey Association of Mental Hygiene Clinics and served on the Advisory Committee on Mental Hygiene of the State Medical Society.

Dr. Crandell was a member of the Third Research Conference in Psychosurgery, held under the auspices of the United States Public Health Service in New York City, and took part in the discussion on "Evaluation of Psychosurgery." He completed a course in the medical aspects of nuclear energy, given by the Army Medical Service Graduate School at the Walter Reed Medical Center in Washington, D. C. His attendance at local, state and national meetings included the Second Annual Medico-Military Symposium, held at the United States Naval Hospital in Philadelphia; the annual meeting of the Association for Research in Nervous and Mental Disease in New York City; the American Ortho-Psychiatric Association meeting at Atlantic City; the meeting of the Aero Medical Association in Washington, D. C.; the American Psychiatric Association annual meeting at Atlantic City, where he served on the A.P.A. Board of Tellers; the meeting of the American College of Physicians in Cleveland, and the annual meeting of the American Medical Association in Chicago, where he discussed "Current Problems in Military Psychiatry" at the Section Meeting on Military Medicine. Coupled with his attendance at the annual meeting of the Medical Society of New Jersey was his discussion of a paper based on the results of the lobotomies performed at the New Jersey State Hospital in Trenton. In addition to the many lectures given to civic and professional groups, the superintendent lectured at the University of Pennsylvania at a conference on Institutional Management.

Throughout the past year Doctor Crandell served as President of the Morris County Medical Society, President-Elect of the New Jersey Neuropsychiatric Association, and has continued as Consultant in Neuropsychiatry to the Surgeon General of the United States Air Force.

The staff was well represented at the Second Annual Institute in Psychiatry and Neurology at Lyons, the regular meetings of the New Jersey Neuropsychiatric Association, and the Morris County Medical Society. Many members also attended the annual meeting of the Medical Society of New Jersey and of the American Psychiatric Association.

It is hoped that the staff can be augmented gradually to approach the ratios suggested by the American Psychiatric Association, and in the

forthcoming budget, sixteen additional positions will be requested.

The housing shortage for the staff has met no relief during the past year, and we are requesting that within the near future more adequate provision for this urgent need will be made.

Appointments and Resignations

Neurologist Appointments

| | |
|--|------------------|
| Frederick A. Mettler, A. M., M. D., Ph. D..... | November 1, 1951 |
| Elizabeth Eken, M. D. | November 1, 1951 |

Dental Surgeon Appointment

| | |
|------------------------------------|------------------|
| Francis C. Bartleman, D. D. S..... | October 16, 1951 |
|------------------------------------|------------------|

Resident Physician Appointments

| | |
|--------------------------------|--------------------|
| Livio Mocenigo, M. D. | July 2, 1951 |
| Henry W. Klark, M. D. | September 19, 1951 |
| Ciro Gallo, M. D. | October 1, 1951 |
| Tamas A. Lanczy, M. D..... | October 20, 1951 |
| Stephania Korenec, M. D. | October 23, 1951 |
| Henryk Baran, M. D. | November 24, 1951 |
| Myron Dolinsky, M. D. | January 2, 1952 |
| Helen Mamantov, M. D..... | January 7, 1952 |
| Stanislaus Wojdatt, M. D. | January 14, 1952 |
| Raymond Doherty, M. D..... | January 21, 1952 |
| Antonio Marquez, M. D. | January 23, 1952 |
| Szyja Goldwag, M. D. | February 12, 1952 |
| Carl Drake, M. D. | March 3, 1952 |
| Charles Whitehill, M. D. | April 1, 1952 |

Resident Physician Resignations

| | |
|-------------------------------|--------------------|
| Julius Perelman, M. D..... | July 16, 1951 |
| Leonid Muido, M. D. | September 25, 1951 |
| Julio Herrero, M. D. | October 31, 1951 |
| Herman Tritt, M. D. | October 31, 1951 |
| Ciro Gallo, M. D. | December 15, 1951 |
| Henryk Baran, M. D. | January 16, 1952 |
| Isadore Panzer, M. D. | March 16, 1952 |
| Szyja Goldwag, M. D. | March 16, 1952 |
| Alfred Lingen, M. D. | April 16, 1952 |
| Charles Whitehill, M. D. | May 31, 1952 |
| Antonio Marquez, M. D. | June 30, 1952 |
| Raymond Doherty, M. D..... | June 30, 1952 |

Resident Dentist Appointment

| | |
|---------------------------------|------------------|
| Richard T. Burns, D. D. S. | October 16, 1951 |
|---------------------------------|------------------|

Resident Dentist Resignation

| | |
|---------------------------|------------------|
| Seymour Ash, D. D. S..... | October 16, 1951 |
|---------------------------|------------------|

Pharmacist Appointment

| | |
|-----------------------------|----------------|
| John V. Callery, Ph. G..... | March 17, 1952 |
|-----------------------------|----------------|

Resident Training

During the past year our Resident Training Program has undergone a complete revision and we feel it is now equal to any psychiatric training available in the mental hospital field. Under the direct supervision of our Assistant Clinical Director, Dr. William H. Longley, a complete course has been offered to both first-year and second-year residents at this hospital. Under the new 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, and a two-hour brain-cutting session scheduled every other week throughout the academic year. The second-year residents have continued in-service training, involving theory and advanced clinical psychiatry and neurology, and individual and group psychotherapy. In the organization pattern, each first-year resident has been supervised by a second-year resident, both of whom are directed by a permanent staff member. Individual conferences have been conducted by the Assistant Clinical Director.

Dr. Fred A. Mettler has given invaluable assistance to the program, and through his efforts we have been able to secure many outstanding authorities in various fields to serve as lecturers. Those who have lectured to the resident staff are as follows: H. Houston Merritt, M. D., on Epilepsy, Cerebral Syphilis, and Multiple Sclerosis and Combined System Disease; Abner Wolf, M. D., on Neuropathology; Lothar B. Kalinowsky, M. D., on Convulsive Therapy; Carney Landis, Ph. D., on Psychiatric Testing in Psychiatry; Gilbert H. Glaser, M. D., on Endocrine Phenomena and the Psychoses, and Autonomic Phenomena in Psychiatry; Joseph Zubin, Ph. D., on Projective Techniques in Psychiatry; Emanuel Feiring, M. D., on Head Injuries; and Harry Grundfest, Ph. D., on Neurophysiology. In addition to arranging for the above lecture series, which was well attended by our hospital staff as well as by physicians in neighboring areas, Dr. Mettler also gave a series of lectures on Neuroanatomy.

Research

Dr. Fred A. Mettler, a member of the Board of Consultants, has

continued to give general supervision to the research activities at this hospital. The grant from the United States Public Health Service, MH-305 (C), has been continued during the year with the Superintendent acting as the Principal Investigator. This carries on the work which was begun several years ago with the cooperation of Columbia University, and is known as "Follow-up Study of Columbia-Greystone Project Cases (Psychosurgery)." An attempt is being made to evaluate the effect of psychosurgical procedures, and in doing this, the post-operative social adjustment of the patients must be measured in relationship to the environmental situation. G. Kathleen Litten, A.B., M.A., has continued in charge of the social work on this project.

There is still considerable interest in the early work of the Columbia-Greystone Associates and in the books published describing this research, "Selective Partial Ablation of the Frontal Cortex" under the editorship of Fred A. Mettler, M.D., Ph.D., which was published by Hoeber, Inc., and "Psychosurgical Problems" under the same editorship, published by the Blakiston Company of Philadelphia, which describes the second year of research. There have also been several individual papers published by various members of the Columbia-Greystone group, describing their special contributions to the solution of this problem.

The series of bilateral transorbital lobotomies has been continued by Dr. Kessler, assisted in the administration of the electro-shock anesthesia by Dr. Esposito, and the results of this continued series were presented for discussion before the annual meeting of the Medical Society of New Jersey by Dr. Crandell.

Other research has been carried out during the year in attempting to arrive at a base-line for evaluation of psychiatric treatment and improvement after therapy; in assessing the value of the isonicotinic acid hydrazides in the treatment of tuberculosis; and under the Chaplain's department, a follow-up study of patients returning home from this hospital who were referred to their home churches for assistance in again making an adequate social adjustment.

Nursing

The administration of the department continued under the direction 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 professional nurse education. Miss Sophie Kraykowski, R.N., B.S., and Mrs. Patricia Long, R.N., assistant directors of Nursing Service, were

responsible for supervision in the Reception Building, Clinic Building, Main Building South and Main Building North, Dormitory Building, and Tuberculosis Building respectively. Mrs. Ruth Haney Beam, R.N., instructor, was in charge of sub-professional nursing education. Miss Roe makes the following report.

Nursing Service and Education: At the close of the year there was a total of 73 nurses, which included 14 supervisors, 28 head nurses, 18 staff nurses, 9 part-time nurses; there were 66 technicians, 100 charge attendants, 338 attendants, 45 part-time workers, 22 technician trainees and 97 affiliate student nurses. This made a total of 687 persons plus 54 part-time people giving care to 6,307 patients as compared to 673 persons giving care to 6,175 patients a year ago. The shortage of personnel has been acute throughout the year. In February there were 260 vacancies, 277 in March and 283 in April, including nurse, technician and attendant positions.

The greatest factors in maintaining personnel were the severe overcrowding of patients, shortage of personnel, and overwhelming assignments. The forty-hour week attracted more people to the job but it also made it necessary to have more people. It was only through the fine cooperation of the staff in working overtime and part-time that it was possible to give even minimum care to patients in many areas. Other part-time workers who would do even eight hours of work a week made it possible to give time off to regular employees.

Two new training areas for attendants were set up, Wards 24 and 27, and a nurse and technician placed in charge of each.

The Affiliate School of Nursing: During the year 426 student nurses completed the three-month affiliation in psychiatric nursing; a total of 97 students were in the school on the last day of the year. A total of 20 schools continued the affiliation, St. Barnabas Hospital of Newark having closed its school.

Mrs. Gladys Keidel, R.N., B.S., assistant instructor, resigned June 7, 1952. Mrs. Lorene Warner, R.N., was appointed clinical instructor in the Reception Building on October 1, 1951, and Mrs. Warner was awarded the Margaret Yardley Fellowship by the New Jersey Federation of Women's Clubs on May 1, 1952, for a year of study which will give her a Bachelor's degree at Columbia University. Mrs. Ruth Connelly, R.N., previously assigned as clinical instructor in the Employees' Classroom, was appointed assistant instructor May 5, 1952. Miss Elizabeth Maloney,

R.N., B.S., has done intermittent clinical teaching throughout the year. She will return to a position of instructor with her Master's degree from Columbia University September 1, 1952.

The students changed from a 44-hour week to a 40-hour week July 1, 1951. Student-Faculty Cooperative Government was established April 2, 1952. The Home School meeting was held on April 17, 1952. All the schools requested to have the National League of Nursing Education Achievement Test in psychiatric nursing given to their students before leaving the affiliation. The Greystone Park Association served tea to the incoming students and the staff at each six-week change. The staff physicians' special departments and the Mental Hygiene Clinics have continued their contributions to the affiliation program.

The faculty of the school has served on the sub-committees on Psychiatric Nursing and Affiliation of the New Jersey State League of Nursing Education. Miss Roe attended the Institute on Nursing Service Administration sponsored by the American Hospital Association and the National Committee for the Improvement of Nursing Services in Chicago and the convention of the American Psychiatric Association in Atlantic City. Miss Roe became a member of the committee which is planning a new series of the National League of Nursing Education achievement test in psychiatric nursing for the basic professional program. Miss Larkin continued as deputy assistant chief of nursing services, Northern District Division of State Civil Defense, and as a director of the board of the New Jersey State League of Nursing Education. She also served as a member of the Committee on Student Nurse Personnel Policies of the State Nurses' Association and of the Committee of the Aged of the New Jersey State Welfare Council.

On January 30th the Committee on Psychiatric Nursing of the New Jersey State League of Nursing Education held a one-day institute at the hospital. In the morning the Mental Hygiene Clinic, under Dr. Theodore Gebirtig, assistant medical superintendent, presented the varied problems of one of their patients, a child, and at the afternoon session Dr. Leo W. Simmons, Ph.D., Professor of Sociology at Yale University, of the Russell Sage Foundation, gave a talk on doctor-nurse-patient relationship. Later in the year Miss Margaret C. Haley, dean of the School of Nursing, Seton Hall University, and Miss Ella V. Stonsby, dean of the School of Nursing at Rutgers University, visited the hospital to begin plans for an affiliation for their collegiate students in nursing.

The United States Air Force Psychiatric Nursing Training Program: On November 12, 1951, 19 nurses of the USAF (NC) reported for a 20-week training course in psychiatric nursing. All the group completed the course successfully, and on March 28, 1952, graduation exercises were held, with Colonel Verena M. Zeller, USAF (NC), Chief, Air Force Nurse Corps, and Lieutenant Colonel Carlos C. Alden, USAF (MC), of the Surgeon General's Office, attending.

Graduate Nurse Program: In cooperation with the School of Nursing, Seton Hall University, a program of psychiatric experience was planned for graduate nurses in the Bachelor's program who had a deficiency in psychiatric nursing. There were 2 such students in the fall and winter semester. During the year 3 graduate nurses took the basic affiliation course and worked in the hospital on a part-time basis in order that they might write the registered nurse examination for license.

The Psychiatric Technician Training Program: During the year 12 technician trainees graduated, 3 on October 1st and 9 on April 1st. At the close of the year there were 10 trainees in Class Ten; and of the 28 initially enrolled in Class Eleven, 16 had resigned. All classes received instruction according to the revised curriculum. Ward classes were conducted, correlating clinical experience with the formal instruction. Motion pictures have been used in each course of study. Members of the medical staff, special therapy departments, mental hygiene clinic and social service department and the hospital chaplain have contributed in the teaching, as in the past.

On January 7th Miss Edith Beach, R.N., was assigned as clinical instructor in the attendant training program and assisted in the technician trainee program. Mr. Harry Young, psychiatric technician, taught the course in Body Structures and assisted in the attendant training. Mrs. Elizabeth Moore, R.N., was assigned May 5th as assistant clinical instructor in the Employees' Classroom when Mrs. Ruth Connelly became a member of the Affiliate School staff.

The Attendant Training Program: All new attendants were assigned to the training ward for two weeks. During this time they received the five-day orientation instruction from Mr. Young and clinical instruction from Miss Beach. At the end of this period they were required to attend five weeks of instruction, including demonstrating and practice of procedures. Work assignments were made according to previous experience and ability. The program also provided a greatly needed

screening of attendants. Since the beginning of the program on January 2nd, 52 attendants out of the 81 enrolled have received certificates for successfully completing the above instruction. There are 21 enrolled in the class at the close of the year.

The Practical Nurse Affiliation: In December, 2 student practical nurses from Middlesex County Vocational and Technical High School, Woodbridge, New Jersey, completed the affiliation of 28 days in psychiatric nursing. In April it was necessary to discontinue the affiliation because of lack of housing facilities here. The discontinuance of the program is a real loss and it is hoped that it may be resumed in the near future.

The Volunteer Program: The Nursing Department with the Greystone Park Association planned an orientation and indoctrination program for volunteer workers. In October the Association recruited 3 workers who attended the course given at Veterans Hospital, Lyons, followed by an orientation to Greystone Park. The Recreation and Occupational Therapy Departments each received a worker; 1 worker withdrew. On March 18th and 20th Miss Roe and Mrs. Beam gave a two-day course for members of the Greystone Park Association. Two volunteer workers were given assignments in the Employees' Infirmary. Later, one was assigned to the patients' library and one to Ward 19.

Religious Services

Religion has brought help and consolation to the patients in this hospital in an active program of service to all. Slightly more than one-half of our resident population is listed as Roman Catholic, and St. Virgil's Church, Morris Plains, minister to this large group, the clergy not only providing a Mass for employees and one for patients every Sunday morning but bringing the sacraments of the church as well. Protestant worship services are held regularly Sunday mornings in the hospital chapel under the direction of the Resident Chaplain. Jewish services on the holy days and on Fridays throughout the year are under the direction of a visiting Rabbi. Christian Science services on Wednesdays are held with a social hour following.

Resident Chaplain: Keith W. Keidel, B.D., the Resident Chaplain, reports an active year in which he has not only brought a spiritual ministry to the patients but has given educational guidance to the community at large. An effort is made to visit with newly admitted patients to assist in their orientation to hospital life as well as to assist in contacts

with their families and community pastors. The patients' chapel choir has been active, with the choir gowns made by the occupational therapy department adding to the dignity of the worship service. The twelve-week clinical pastoral training program has been continued, and a course offered to community clergy on a one-day-a-week basis was well attended. The chaplain continued his lectures on sociology in the technician training program and also explained the hospital and its function to various university visiting groups and civic organizations.

Social Service

Miss Jennie Berman has continued the supervision of the Social Service Department in the hospital with 11 on her professional staff, 5 with Master's degrees, and a clerical staff of 5.

The department had a case load of 50 more than last year, but less time was used on routine visits and more devoted to planned interviews. During the year 2,604 interviews were made in the community and 3,875 in the hospital. The historians obtained information from 1,167 persons by interview, and 785 histories were obtained by questionnaire, with 2,530 supplementing reports received. There were 1,177 patients released on year's visit, with 577 pre-visit interviews being conducted with relatives; 33 hospital patients were placed in the community with the assistance of the Social Service Department.

Further expansion of the service will require more space, equipment, and clerical assistance. The recruitment of professional personnel has been much better during the year; 396 inquired and 20 were interviewed personally concerning positions on the staff, and 8 were accepted. The student-training program in connection with the Adelphi College School of Social Work was completed during the year and will be resumed when more supervisory time is available.

Occupational Therapy

The importance of an interesting activity to occupy a patient's time in a large mental hospital cannot be emphasized too strongly. Much of the therapeutic work performed by patients is done in the gardens and on the farm and in connection with the kitchens and bakery. There is housekeeping to be done on their own wards as well as in the various buildings of the institution. Many patients find pleasure and enjoyment as well as real therapeutic benefit in this form of activity, and several of

the patients who enjoyed wielding a paint brush have helped in the redecoration of various areas in the hospital. The Men's Arts and Crafts Shop has given occupation to many who are able to leave their wards for a few hours each day. Over 8,000 articles were produced in this shop during the year, including more than 800 baskets of various varieties and sizes, more than 1,100 rugs, and almost 2,000 brooms and brushes of various shapes. Many types of toys were made from salvaged box-wood, and 3,000 different pieces were produced in the pottery.

In an effort to conserve the furniture of the hospital, some of the patients worked on a special project in which more than 300 chairs and settees were caned and repaired. Other repairs included 275 wooden chairs and 65 wooden settees as well as 30 wooden tables. Products for hospital use exceeded 1,200 brooms and 500 scrub brushes, almost 500 rag rugs, and various other articles including medication and flower baskets.

In the Women's Arts and Crafts Shop nearly 500 rugs as well as more than 2,000 embroidered articles and 300 crocheted items were made. For the use of the hospital the sewing department produced over 18,000 sheets and pillow cases and over 20,000 towels, as well as 2,500 gingham dresses, 5,000 each of petticoats, night-dresses and night-shirts. Many other important items of clothing and ward utility were manufactured, including many special articles for the Tuberculosis Service. In all, this division was responsible for producing more than 73,000 articles.

One important form of occupational therapy is found in the Print Shop and book-binding. In addition to printing this annual report and producing the monthly magazine, *The Psychogram*, which has just completed thirty-seven years in its original large size, other printing is done for the hospital as well as the Department, a total of 2,750,000 impressions having been made. The bindery produced 37,000 articles and ruling, padding, punching and perforating added another million and a half to the total. Under Thomas Beresford, foreman, the Print Shop has engaged the interest of many patients and the product of their work has brought words of praise from many experts in this field.

Mrs. Margaret C. DeVries has continued the direct supervision of the occupational therapy classes which are conducted on the wards for those patients who are unable, because of physical or mental infirmities, to visit the regular Arts and Crafts Shops. She has been assisted by 8 occupational therapists and 5 aides. Almost 600 patients have been members of these ward classes, and 8,500 sale articles were produced as

well as 5,500 necessities for hospital use. Classes were conducted on the Tuberculosis Service as well as in the regular rooms in the Dormitory and Main Building South, where a new and larger kiln has made possible the greater production of ceramic articles. Lectures and demonstrations were given to the various nursing classes, both graduate and affiliate, as well as to others in the hospital.

Members of the department attended various meetings and conferences, including the annual meeting at Orange Memorial Hospital and the Regional Conference of the Eastern States at Atlantic City. The department has kept the interest of the public by maintaining a display and sales table on visiting days in the hospital as well as furnishing exhibits at the Morris County Fair and the State Fair at Trenton.

Recreation

Mrs. Dorothy Johnson has continued the excellent program of the Recreation Department, assisted by 5 recreational assistants and 6 aides as well as 5 summer assistants, college students who devote their vacation time to this program. The department conducts many different activities designed to interest and help patients of all categories. For those who are unable to leave the ward there are the shut-in activities, starting with simple marching, calisthenics, game play and singing. There are classes in the auditorium for long-term patients, and during the summer these classes are moved to the ball diamond. Card parties are quite popular in the winter season, whereas many patients assist during the warm weather in harvesting garden crops in a rather picnic atmosphere, with fruit juice and sandwiches being provided. There are special treatment groups which help to improve physical fitness, posture and music appreciation. There are also tea dances, square-dancing groups, bowling classes and patients' clubs such as the Canasta Club, Tennis Club and a Variety Club. Sixteen-millimeter movies are shown on a regular schedule for those who are confined to their wards, while the auditorium is used to provide the large-sized moving pictures for the working patients and those able to visit the Dormitory Amusement Hall. Entertainment furnished by many outside groups is an important factor in public relations, since not only do the patients enjoy greatly the parties put on by the Red Cross and other organizations but the visiting groups carry back to the community the story of Greystone Park and what it is trying to accomplish.

In a very extensive report Mrs. Johnson has outlined the many

division on the men's and women's reception service respectively. They report a total of 8,928 treatments to men and 16,194 treatments to women, as well as demonstrations to nurses, psychiatric technician trainees and visiting college and hospital students.

Barber Shops

Mr. Herschel Tucker, head barber, has supervised the work of the 12 barbers and 4 hairdressers in his department. Some new equipment included hydraulic barber chairs and permanent-wave apparatus, which was obtained during the year. The barbers report 291,096 shaves and 35,688 haircuts, while the women received 65,081 treatments including haircuts, shampoos, fingerwaves and facials.

Photography

Patients are usually photographed on admission and again when leaving the hospital on visit. Other photographic work includes medical and surgical illustrations, pictures of construction to show progress, and news shots. Daniel J. Lutz, photographer, reports 5,137 pictures made during the year.

Medical Records

The Medical Record Office maintains the clinical records of all patients who have been in this hospital and also prepares and maintains accurate statistics concerning them. Mr. Joseph Brown, R. R. L., has continued in charge of this department and the statistical tables found at the close of this report will give much valuable information concerning the present trends in types of patients under treatment as well as other comparative data.

The microfilming of old records, begun several years ago, has been continued and, with two clerks assigned to this project, 27,195 records have been copied on film, reaching the discharges for December of 1936. Since the last patient discharged this year bore a discharge case number of 50,747, we still have over 23,000 records to process. However, it is felt that discharged case records should be kept in their original form for at least ten years since they might be required for court examination and other research.

Mr. Leo Boulris has reported that 1,718 patients' fingerprints were taken under his direction, bringing the total on file in this section to 8,455. He also took 1,180 fingerprints of employees, making a total of

21,948 fingerprint records in this division. In most cases two or three and even more complete fingerprint record cards are made for each individual, since they must be filed in local, state and federal indexes. Reports are also received on employee records from the agencies to which the records are forwarded.

Mental Hygiene Clinics

Dr. Theodore Gebirtig, Assistant Superintendent, has acted as director of the Northern New Jersey Mental Hygiene Clinics, assisted by 2 part-time psychiatrists, Drs. A. Chapman Isham and Michael Permison, since the positions of director and assistant director have not been filled. Mr. Robert M. Beechley has supervised the psychological work of the Clinics, and Miss Mildred H. Hurley, who has been with the hospital twenty-nine years, has continued as director of Clinic Social Service.

There have been 3 resignations from the psychiatric social service staff, Miss Ruth Koehler for advanced training, Miss Margaret Wood to accept the position of Medical Social Service Consultant to the State Bureau of Assistance, and Miss Louise Whitfield to accept a directorship of social service in a newly organized mental hygiene clinic in Maryland. Miss Elizabeth Monks was granted an educational leave for the school year. Miss Mary E. Jameson and Mrs. Alyce W. Baldwin are new members. At present there are 3 vacancies on the clinical social service staff.

Dr. Gebirtig was elected President of the New Jersey Association of Mental Hygiene Clinics and was appointed to the Advisory Committee on Mental Hygiene of the State Medical Society, to the Mental Hygiene Committee of the New Jersey Neuropsychiatric Society, and to three additional advisory committees. Miss Hurley completed her year as President of the New Jersey Association of State Social Workers in Psychiatric Services and, in addition, has served on ten committees. The entire clinical personnel have appointments on thirty committees of professional organizations allied to the mental hygiene field.

The Clinic continued in the training program of the affiliate nurses and psychiatric technician trainees, and this year participated in the graduate training program of 19 Air Force nurses. There were two other outstanding contributions, a case presentation to the New Jersey State League of Nursing Education and an all-day program of mental hygiene films to the professional personnel of Greystone Park.

The clinic personnel attended 141 professional meetings, and 50

lectures were given by the staff to 20 community groups with an approximate audience of 1,000. A total of 277 clinic sessions were held in the six counties covered by this service. There were 436 new patients during the year, 67 adults and 369 children. New diagnostic and consultation cases comprised 19 per cent, new treatment cases 81 per cent. There were 1,335 patients under treatment during the year, and a total of 4,246 treatment sessions by the clinic personnel were held. The psychiatrists held 488 psychotherapeutic sessions with patients and 555 additional interpretative and therapeutic consultations with relatives and others concerned with patients. The psychologists made 553 psychological examinations of patients and gave 191 additional interpretative consultations. The psychiatric social workers had 369 interpretative and therapeutic sessions with patients and 2,090 additional treatment interviews; 1,125 of these were in the community.

There continues to be no delay in psychological appointments. Psychiatric service has been more readily available during the past six months, but this could only be accomplished at a sacrifice to the intensity of psychiatric treatment.

Business Department

The Business Manager, John T. Neal, Jr., is responsible for all the operations of the hospital not directly clinical in nature. This includes not only the business office, the personnel department, food service, farm and engineering divisions, but also the fire and police departments, the laundry and linen control and the garage. With his many years of experience in the public utilities and his broad knowledge of the business field, Mr. Neal has most capably handled this work for which he is so well qualified. The following summary will present a picture of the operation of these divisions as presently organized under his direction.

Business Office

Robert A. Lowery, Assistant Business Manager and Treasurer, has completed forty-two years of outstanding, efficient and faithful service to this hospital. He has directly supervised the business office, which is responsible for the financial records of the institution, and also assisted the Business Manager, especially in the matter of purchases and general supervision over all kitchens, laundry and linen rooms. Mr. Lowery, as Treasurer, reported collections for the past fiscal year of \$2,674,440.13, as compared with last year's \$2,411,244.61.

Institutional Collector

The Institutional Collector, Thomas C. Tighe, has worked closely with the county and state adjustors to keep maintenance accounts from going in arrears and to protect the interests of the patients in certain legal matters. Through 1,144 interviews and 387 visits to adjustors, 372 cases were closed, 116 amended orders obtained, and a total of \$69,351.18 collected.

Personnel

The Personnel Department, under the direction of Richard E. Winans, has conducted 3,475 personal interviews in order to hire 1,428 employees during the year. During the same period 1,176 terminated their employment. A total enrollment at the end of the year was 1,446, an increase of 252 over last year, but still left 150 budgeted vacancies. This activity was carried out by 4 personnel workers and 5 clerical workers, and included the processing of 2,303 personnel forms (CS 21).

Police

Our Police Department has performed outstanding work during the year, under the leadership of Staff Sergeant Joseph W. Mack of the New Jersey State Police, who was assigned to this institution as Chief Security Officer by Colonel Charles H. Schoeffel on May 22, 1950. Operating with 16 uniformed men, 3 of whom have completed the six-week basic police course at the New Jersey State Police Academy, the department equals or surpasses in efficiency that in most towns of 10,000. Six more men are needed to properly perform all the assigned duties. The radio system, with a main transmitter at the firehouse and remote control at police headquarters in the Main Building, with 3 radio cars, contributes much to the smooth operation.

The department has investigated criminal activity, examples being the use of narcotics by employees which, after a three-month investigation, resulted in arrests and grand jury action; the unlawful removal of food from kitchens and metal from the salvage yard; and the unlawful removal of patients from the hospital, as well as minor misdemeanors and traffic violations. A most important activity has been the apprehension of missing patients, with the patrolmen making 98 apprehensions, with 69 additional made by outside police agencies. The hospital is now operating a separate Civil Defense unit and a control center is maintained in police headquarters, well-equipped for any emergency. The constant patrol of

the hospital by the radio patrol car is shown by the 37,134 miles covered during the year.

Fire Prevention

Charles H. Acker, as Chief of the Fire Department, has 2 paid assistants and about 50 hospital employees who are members of the volunteer fire department. Sixteen of the men occupy rooms in the Fire House dormitory. The equipment is up-to-date, with two 750 g.p.m. and one 500 g.p.m. pumpers, an 85-foot aerial ladder, a maintenance car and a 500 g.p.m. trailer pump. There are 64 hydrants on the hospital water system and one rented from the Morristown water system. A Gamewell fire alarm system has 92 manually-operated boxes in service and is supplemented by the use of the hospital dial telephone system for reporting fires. A total of 18,000 feet of unlined linen hose attached to stand-pipes is available throughout the institution, and about 4,700 feet of 2½ inch and 1,250 feet of 1½ inch rubber-lined, double-jacket hose is in service in the department. There are also 742 various-type hand fire-extinguishers throughout the hospital.

The volunteer fire company conducted 24 two-hour drills to familiarize themselves with the available equipment, and Morris County Fire School sessions have been conducted on the hospital grounds. Fire orientation lectures and demonstrations have been a regular feature for all new employees, and the department has furnished details for duty in the Amusement Hall during all activities. At least 4 more paid employees are needed to provide proper coverage. The fire record analysis showed 10 general alarms and 5 false alarms out of a total of 95; total fire loss is estimated at \$16,592.15.

Garage

The main garage, under the supervision of William Walton, Jr., is responsible for the maintenance and operation of the 71 licensed units, about 50 of which are normally kept in the garage, with some of the farm equipment dispersed closer to the areas where they are used.

Laundry

Under the supervision of Floyd Evans, 7,396,606 pieces were processed during the year, a steady increase in load which indicates the necessity for \$63,000 worth of new equipment to be housed in an addition to the rear of the present building, as well as an increase in employees to man this equipment.

Linen Control

Under the supervision of Mrs. Gertrude Carr, linen room supervisor, the central linen room handled linen for both the men's and women's services in the Main Building, approximately 3,000 patients. During the year a linen room was opened in the Dormitory Building with Mrs. Frederica Clucas in charge, to take care of the 2,400 patients in that building and the Tuberculosis Service. A third room to accommodate the Reception and Clinic Buildings is contemplated.

Building Maintenance

William G. Beucler has continued to supervise the general maintenance and housekeeping control as well as the mattress shop, bed repair shop, and tailor shop. Mrs. Alma K. Rose, head housekeeper, has been handicapped by lack of personnel. Mr. Beucler reports 1,072 mattresses and 664 pillows manufactured, many of them with special waterproof covers. He supervised the condemning and re-issue of 75,000 articles of clothing and bed linen. The bed repair shop processed 2,580 beds.

William T. Barry, foreman upholsterer, has supervised the making of mattresses and pillows as well as the manufacture and repair of awnings and miscellaneous upholstery work.

Frank DePrimo, head tailor, supervised the production, repair and pressing of many garments for men patients and employees, as well as the manufacture of camisoles, laundry bags and heavy sheets.

Food Service

William Walton, Sr., assisted by Richard Gessner, Nicholas Galgay and Miss Yvonne VanMarter, assistant food service supervisors, have been responsible for 21,000 meals per day for patients and employees. Miss Rosemary Kramp, dietitian, reports that the special-diet kitchen prepared 43,452 special trays for the Reception Service, 56,667 for the Clinic Building, and 15,906 for the Employees' Infirmary. During the year the main kitchen and employees' cafeteria kitchen and dining rooms were completely repainted, new electric water coolers installed in the nurses' dining room and employees' cafeteria, and two new dishwashing machines installed in the congregate dining halls. Dining room tables in the Dormitory Building are being replaced with those having plastic tops which greatly improve the appearance and sanitary condition of this huge dining room.

Joseph Feldenzer, head butcher, assisted by 2 butchers and 3 senior

food service workers, prepared and processed 900,000 pounds of meat in the new butcher shop located just off the main kitchen.

William Dalhoff, head baker, assisted by 3 employees and 10 working patients, produced almost 700,000 loaves of bread and the many thousands of cakes, pies, doughnuts and cookies required for the various kitchens.

Farm

James B. Stuart, supervisor, has made decided improvements in all branches of the farm under his supervision.

Hugh McLellan, in charge of the dairy, reports our herd at 335, the same figure as last year; 875,447 quarts of milk were produced.

Charles Dilley, in charge of the piggery, reports an increase of 78 additional pigs raised this year, with 313 hogs slaughtered, weighing 101,004 pounds.

Matthew Casey, in charge of poultry, reports 22,630 dozens of eggs and 6,411 pounds of fowl produced, the flock being reduced to 2,247 at the end of the year.

Pearson Havens reports the farm produced 1,651 tons of silage, an increase of 350 tons over last year, with the total farm production valued at \$31,642.20. The program of soil erosion control is being continued.

Britton Koch has supervised the grounds and greenhouse; several new picnic areas have been cleared and furnished with benches and tables, and fireplaces erected. A new cinder block plant has been completed, and the greenhouse delivered 181,369 cut flowers and 79,288 potted plants during the year to the wards of the institution.

The saw mill produced over 32,000 feet of oak and over 7,000 feet of whitewood, with a value of \$7,832.94.

John Zeis, head truck gardener, reports production valued at \$36,155.50.

The stables still house two horses and two mules and the horse barn is being changed over for use of young stock from the dairy.

Railroad siding maintenance continued under Mr. William Stull until his death in January, and is now under the supervision of Matthew Casey.

Trucking to the state institutions totaled 577 trips with a total of 42,394 miles, slightly below last year's figure.

Frank Roberts has headed the extermination department and has also been responsible for the salvage yard.

Engineering

Henry Landesman, M.E., Engineer-in-Charge, has been assisted by William Carew, assistant engineer, who has been largely responsible for the utilities. The power plant consumed 21,306 tons of coal and 1,069,210 gallons of oil, as compared with 24,966 tons of coal and 923,449 gallons of oil consumed last year. Generated power dropped to 2,348,948 K.W.H. from 2,614,296 K.W.H., while purchased power increased to 2,283,600 K.W.H. from 1,960,800 K.W.H. purchased last year. A total of 186,957,000 gallons of water were pumped, compared with 207,488,000 last year, but the total consumption showed an increase to 433,310,000 gallons, compared with 410,671,000 gallons consumed last year, a large portion of the water consumed being obtained by a natural run-off from our reservoir. The sewage disposal plant took care of 393,018,000 gallons of flow, an increase of 20,000,000 gallons over last year.

Maurice A. Chaillet, M.E., assistant engineer, has been responsible for maintenance with 39,152 repair orders being handled, compared with 38,432 last year.

The lack of sufficient trained personnel to properly take care of the immense amount of maintenance and new installations necessary in an institution as large as this has been the greatest problem of the department. Temporary help has been obtained but additional trained personnel will be necessary.

Service Unit and Duct Store

Richard Roe has managed the Service Unit during most of the year, and changes in the physical set-up are being made to increase the efficiency of this unit, which is a combined restaurant and soda fountain as well as a general store for the convenience of patients, visitors and employees. Total sales of \$174,871.70 produced a net profit of \$22,245.79.

A small unit, the Duct Store, in the Main Building and under the direction of Victor Losey, showed sales of \$92,341.78, and a net profit of \$11,374.21.

Construction

New projects as well as reconstruction were supervised by George D. McCarthy, who reports the rear section of Tier 3, South Side Main Building, contracted to the Andrew Christensen Company, approximately 50 per cent completed, using money from the bond issue. The Shop Building, planned to temporarily house groups of 300 patients while the Dormitory Building was being renovated, is now 95 per cent completed.

under the same company. The connecting corridors of the Dormitory Building were completed April 1st, under contract to Fred Brotherton Company of Hackensack, New Jersey, and have proven satisfactory. The Chamberlin Company installed 84 window guards on Wards 7 and 8 of the Reception Building. Approved stair-type fire escapes were installed on the Employees' Building at a cost of \$30,000, using bond issue money, and all the rooms of this building were redecorated during the year.

Recommendations

We recommend in our budget for 1953-54 the following additions and new buildings:

Extension to our Employees' Cafeteria to incorporate dining halls for nurses, affiliate nurses and staff, and a Doctors' Dining Room; estimated cost—\$200,000. This extension would allow all cooking to be done in our modern Employees' Cafeteria kitchen and would save adding an extension to our present Doctors' and Nurses' Dining Room kitchen, which would free this building for an employees' recreation building for which it was originally designed.

Extension to our Laundry Building—\$25,000. Due to an increase in both patient and employee population, our present Laundry Building is terribly handicapped as we do not have adequate space for sorting soiled clothing and linens. This extension would provide for the installation of our mattress sterilizing unit, taking same from its present location in the Clinic Building.

Extension to our Fire House—\$16,000.

Dining room area to be constructed between Section Wards of the Main Building North—\$125,000, and Main Building South—\$125,000.

Affiliate Nurses' Home and Classrooms—\$1,000,000. This Affiliate Nurses' Home would provide for the housing of approximately 150 affiliate nurses and would provide properly designed and equipped work shops and recitation rooms, relieving 73 rooms in our present Employees' Residence for occupancy by other personnel.

Working patients' dormitory building for 500 patients, including a dining hall and recreation rooms; estimated cost—\$900,000. In addition to providing desperately needed space for our present patient population, it would give us a unit for the housing of male working patients assigned to our dairy, greenhouse and farm. These patients now are housed in various buildings, requiring considerable loss of time by employees in

collecting and returning these patients for various duties and for their meals.

Erection of a new Admission Building for 250 bed capacity—\$2,500,000. This Admission Building would relieve our present Reception Building, which was originally designed for 250 patients but which now holds approximately 550 patients. This would greatly increase the treatment given to newly-admitted patients and would allow our present Reception Building to be used for new senile admissions.

Erection of eight 5-room cottages (five for medical and three for business personnel) at a cost of \$120,000.

Garden apartments for married couples to replace the present Veterans' Cottages and to provide family apartments for employees—\$1,000,000.

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

Recreation Hall to include a theater, gymnasium, bowling alleys and a grandstand—\$750,000.

Loss of Employees by Retirement or Death

Four employees retired during this year:

Mrs. Mabel Darling, institutional charge attendant, employed July 30, 1930, retired September 16, 1951.

Miss Rose Gorman, institutional charge attendant, employed January 17, 1936, retired March 20, 1952.

Mrs. Marion Cavanaugh, occupational therapist, employed October 11, 1928, retired February 29, 1952.

Mrs. Dorothy Rogers, occupational therapist, employed September 22, 1930, retired February 1, 1952.

Twelve employees died during the year:

Mr. Fred Dennett, institutional charge attendant, employed July 9, 1930, died October 9, 1951.

Mrs. Beatrice Allen, part-time nurse, employed October 1, 1947, died October 26, 1951.

Mr. E. I. Coursen, farm supervisor (retired), employed January 16, 1896, died November 20, 1951.

Mr. James E. Lauenstein, secretary to the Board of Managers (retired), employed August 1, 1922, died October 1, 1951.

Mr. John Green, institutional laborer, employed October 27, 1941 died January 2, 1952.

Mr. William Stull, institutional laborer, employed April 20, 1933, died January 16, 1952.

Mr. William O'Brien, institutional watchman, employed April 5, 1926, died January 16, 1952.

Mrs. Elizabeth Harple, institutional charge attendant, employed December 15, 1939, died February 19, 1952.

Mr. Samuel Meyer, operating engineer, employed April 1, 1946, died April 13, 1952.

Mr. William E. Smith, food service worker, employed January 17 1949, died April 18, 1952.

Mr. Lorenzo Martosia, mechanic helper, employed January 22, 1951, died April 25, 1952.

Mr. Henry S. Boese, institutional attendant, employed September 19, 1949, died May 24, 1952.

Distinguished Visitors

Many visitors, individually and in groups, were welcomed to the hospital during the past year. Universities and civic organizations showed a particular interest in gaining better insight into the care and treatment of mental patients. General interest was expressed in the treatment units and occupational therapy buildings.

Visits from the clergy were frequent, including those whose parishioners were patients in the hospital as well as a considerable group who attended a series of lectures offered by the resident chaplain. The Council for Clinical Training also continued its interest by sending representatives and visitors from many states.

Of the Consultants, Dr. Fred A. Mettler has visited the hospital frequently in connection with the research program and residency training; Dr. Francis C. Bartleman has consulted with the staff on the dental program, and Dr. George H. Lathrope, on internal medicine.

Dr. Joy Arruda of Brazil visited this hospital in his study of the various types of services being offered in the mental health field. In connection with the graduate training program for members of the Nurse

Corps, United States Air Force, officials from Washington and Mitchel Air Force Base visited; these included the Chief Nurse, Col. Verena M. Zeller, USAF (NC), and her two assistants, Maj. Margaret McKenzie, USAF (NC), and Maj. Wanda Fill, USAF (NC); Lt. Col. Carlos C. Alden, USAF (MC); and Lt. Col. Bascom Bogle, USAF (MC), and his staff which consisted of Capt. Gordon Saver, USAF (MC), Lt. Pershing Y.S. Lo, USAF (MC), Lt. Joseph Jaffe, USAF (MC), Lt. Jules S. Golden, USAF (MC), Lt. Alfred Berl, USAF (MC), Lt. Duncan E. Walton, USAF (MSC) and Lt. Carl Newman, USAF (MSC).

State Treasurer Walter T. Margetts brought a group of outstanding editors to visit the hospital. Commissioner Bates, the Deputy Commissioners and members of the Central Office, Mr. J. Lindsay de Valliere and his staff, and Dr. Lester Clee and members of the Civil Service Commission have come to the hospital to learn our needs and have been most cooperative in their efforts for the welfare and comfort of the patients.

The Honorable Reeve Schley, Mr. Carroll B. Merritt, and Mrs. Evelyn P. Boyd have visited the hospital, representing the State Board of Control. The members of the Board of Managers have been very generous with their time and interest and have made individual visits on frequent occasions as well as attending the regular meetings of the Board.

Acknowledgments

The many 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

To the members of the staff and those employees of the hospital who have so ably and willingly assisted me during this past year in providing the best possible care and treatments for our patients, I express my sincere appreciation. Dr. Collins, clinical director; Dr. Longley, assistant clinical director; Mr. Neal, business manager, and Dr. Gebirtig, assistant medical superintendent serving as acting director of the Mental Hygiene Clinics, are worthy of particular mention at this time because of their whole-hearted cooperation with our efforts to maintain and even improve the high standards of treatment and care for those who come to us for

psychiatric help. Credit is also due the hospital personnel for their maintenance of a high morale throughout the year. In spite of the overcrowded conditions, this review of the activities of the past year is presented with a sense of pride and accomplishment; however, I look forward to further achievement in the coming year.

Respectfully submitted:

Curie Russell

Medical Superintendent
and Chief Executive Officer

(continued) TABLE 1
ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

| | Full Time - Part Time | | |
|---|-----------------------|-----|-------|
| | M. | W. | M. W. |
| Grand Total..... | 768 | 624 | 22 32 |
| MEDICAL ADMINISTRATION—Total..... | 348 | 457 | 22 32 |
| 1. Superintendent and Chief Executive Officer..... | 1 | | |
| 2. Assistant Superintendent and Chief Executive Officer..... | 1 | | |
| 3. Clinical Director..... | 1 | | |
| 4. Assistant Clinical Director..... | 1 | | |
| 5. Other Physicians—Total..... | 30 | 4 | |
| a. Ward duty—direct care of in-patients..... | 21 | 4 | |
| b. Specialists (cardiologists, roentgenologists, etc.) not on ward duty..... | 8 | | |
| c. Pathologists..... | 1 | | |
| 6. Dentists..... | 2 | | |
| 7. Dental Internes..... | 0 | | |
| 8. Pharmacists..... | 4 | | |
| 9. Graduate Nurses—Total..... | 3 | 62 | 9 |
| a. Supervisory or administrative duty..... | | 19 | |
| b. Ward duty—direct care of in-patients..... | 3 | 40 | 9 |
| c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.)..... | | 3 | |
| 10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 97 affiliate nurses) | 261 | 275 | 22 23 |
| a. Ward duty..... | 261 | 275 | 22 23 |
| b. Special duty..... | | | |
| 11. Occupational Therapists and Assistants..... | 8 | 27 | |
| a. Professional..... | 7 | 15 | |
| b. Occupational Therapy Aides..... | 1 | 12 | |
| 12. Physical education directors and teachers..... | 6 | 11 | |
| 13. Medical Clerks..... | 4 | 43 | |
| 14. Other Employees..... | 24 | 27 | |
| 15. Hospital Social Service - Parole Division - Total..... | 2 | 8 | |
| a. Director..... | | 1 | |
| b. Social Workers..... | 2 | 7 | |

psychiatric help. Credit is also due the hospital personnel for their maintenance of a high morale throughout the year. In spite of the overcrowded conditions, this review of the activities of the past year is presented with a sense of pride and accomplishment; however, I look forward to further achievement in the coming year.

Respectfully submitted:

Audie Randall

**Medical Superintendent
and Chief Executive Officer**

(continued) **TABLE 4.**
ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

| | Full Time - Part Time | |
|---|-----------------------|--------------|
| | M. W. | M. W. |
| Grand Total..... | 768 624 | 22 32 |
| MEDICAL ADMINISTRATION—Total..... | 348 457 | 22 32 |
| 1. Superintendent and Chief Executive Officer..... | 1 | |
| 2. Assistant Superintendent and Chief Executive Officer.... | 1 | |
| 3. Clinical Director..... | 1 | |
| 4. Assistant Clinical Director..... | 1 | |
| 5. Other Physicians—Total..... | 30 | 4 |
| a. Ward duty—direct care of in-patients..... | 21 | 4 |
| b. Specialists (cardiologists, roentgenologists, etc.) not on ward duty..... | 8 | |
| c. Pathologists..... | 1 | |
| 6. Dentists..... | 2 | |
| 7. Dental Internes..... | 0 | |
| 8. Pharmacists..... | 4 | |
| 9. Graduate Nurses—Total..... | 3 | 62 9 |
| a. Supervisory or administrative duty..... | | 19 |
| b. Ward duty—direct care of in-patients..... | 3 | 40 9 |
| c. Special duty (eye, ear, nose and throat, operating room, dental, colonics, etc.)..... | | 3 |
| 10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 97 affiliate nurses) | 261 275 | 22 23 |
| a. Ward duty..... | 261 275 | 22 23 |
| b. Special duty..... | | |
| 11. Occupational Therapists and Assistants..... | 8 | 27 |
| a. Professional..... | 7 | 15 |
| b. Occupational Therapy Aides..... | 1 | 12 |
| 12. Physical education directors and teachers..... | 6 | 11 |
| 13. Medical Clerks..... | 4 | 43 |
| 14. Other Employees..... | 24 | 27 |
| 15. Hospital Social Service - Parole Division - Total..... | 2 | 8 |
| a. Director..... | | 1 |
| b. Social Workers..... | 2 | 7 |

TABLE I—(Continued.)
ADMINISTRATIVE STAFF IN SERVICE AT END OF YEAR

| | Full Time - Part Time | |
|--|-----------------------|----------|
| | M. | W. M. W. |
| BUSINESS ADMINISTRATION—Total | 420 | 167 |
| 16. Business Manager | | |
| 17. Assistant Business Manager | | |
| 18. Clerical Employees including Stenographers and Bookkeepers | 11 | 23 |
| 19. Dietitian | 1 | |
| 20. Housekeeping Employees | 5 | 33 |
| 21. Farm Employees | 86 | |
| 22. Other Employees | 315 | 94 |
| MENTAL HYGIENE CLINIC—Total | 1 | 16 |
| a. Physicians | | |
| 1. Director | | |
| 2. Assistant Director | | |
| b. Director Clinic Social Workers | 1 | |
| c. Psychologist | 1 | |
| d. Social Workers | 6 | |
| e. Clerical Employees | 9 | |
| 10. Other Nurses, Psychiatric Technicians and attendants (excluding occupational therapists and 97 affiliate nurses) | 201 | 275 |
| a. Ward duty | 201 | 275 |
| b. Special duty | | |
| 11. Occupational Therapists and Assistants | 8 | 27 |
| a. Professional | 7 | 15 |
| b. Occupational Therapy Aides | 1 | 12 |
| 12. Physical education directors and teachers | 6 | 11 |
| 13. Medical Clerks | 4 | 13 |
| 14. Other Employees | 24 | 27 |
| 15. Hospital Social Service - Patrol Division - Total | 2 | 8 |
| a. Director | 1 | |
| b. Social Workers | 1 | 8 |

TABLE II.
FINANCIAL STATEMENT FOR THE FISCAL YEAR ENDED JUNE 30, 1952

| RECEIPTS | |
|---|------------------------------|
| 1. Balance on hand from previous fiscal year | \$ 00.00 |
| 2. Received from appropriations | 5,531,317.40 |
| 3. Received from paying patients | |
| (a) Devoted to hospital use | |
| (b) Paid into State general fund | \$ 2,674,440.13 2,674,440.13 |
| 4. Received from other government sources | |
| (a) Federal | \$ 16,209.76 |
| (b) State | |
| (c) County (paid into State general fund) | |
| (d) City | 16,209.76 |
| 5. Received from all other sources | |
| (a) Devoted to hospital use | |
| (b) Paid into the State general fund | |
| 6. TOTAL receipts (Sum of Items 1, 2, 3, 4, and 5) | \$8,221,967.29 |
| DISBURSEMENTS | |
| Expenditures for maintenance: | |
| 7. Salaries and wages | \$3,363,432.84 |
| 8. Provisions (food) | 939,533.50 |
| 9. Fuel, light and water | 327,000.00 |
| 10. All other expenditures for maintenance | 718,112.60 |
| 11. TOTAL expenditures for maintenance (Sum of items 7, 8, 9, and 10) | \$5,348,079.03 |
| 12. Expenditures for improvements, including new buildings, additions, permanent betterments, etc. | 189,292.77 |
| 13. Expenditures for other purposes (specify) Fire Loss—Compensation Awards | 8,574.49 |
| 14. TOTAL expenditures (Sum of items 11, 12, and 13) | \$5,545,946.29 |
| 15. Amount returned to State treasurer or other officials | 2,672,907.42 |
| 16. Balance on hand at close of year (Non-lapsing appropriations Federal) | 3,113.58 |
| 17. TOTAL disbursements (Sum of items 14, 15, and 16; also equal to item 6) | \$8,221,967.29 |
| 18. Estimated value of consumed food raised on hospital farm | 171,604.28 |
| 19. Do amounts reported above (items 8 and 18) include meals fed to staff and their families and other employees? Yes <input type="checkbox"/> 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? | |

TABLE III.

MOVEMENT OF PATIENT POPULATION

| | Total | Men | Women |
|---|---------|---------|---------|
| 1. Patients on books first day of year—Total* | 7,193 | 3,388 | 3,805 |
| a. Resident | 6,174 | 2,965 | 3,209 |
| b. In family care | | | |
| c. On visit | 968 | 392 | 576 |
| d. On temporary visit | 31 | 15 | 16 |
| e. On missing | 20 | 16 | 4 |
| 2. Admissions during year—Total* | 2,130 | 1,061 | 1,069 |
| a. First admissions | 1,538 | 785 | 753 |
| b. Readmissions | 502 | 235 | 267 |
| c. Transfers from other hospitals for mental diseases | 90 | 41 | 49 |
| 3. Total on books during year* | 9,323 | 4,449 | 4,874 |
| 4. Discharged during year* | 1,197 | 563 | 634 |
| a. As recovered | 520 | 237 | 283 |
| b. As improved | 633 | 298 | 335 |
| c. As unimproved | 7 | 3 | 4 |
| d. As without psychosis | 37 | 25 | 12 |
| 5. Transferred to other hospitals for mental diseases* | 142 | 107 | 35 |
| 6. Died during year* | 611 | 313 | 298 |
| 7. Total discharged, transferred and died during year* | 1,950 | 983 | 967 |
| 8. Patients on books last day of year* | 7,373 | 3,466 | 3,907 |
| a. Resident | 6,306 | 3,018 | 3,288 |
| b. In family care | | | |
| c. On visit | 989 | 414 | 575 |
| d. On temporary visit | 65 | 25 | 40 |
| e. Missing | 13 | 9 | 4 |
| 9. Average daily resident population* | 6,221.6 | 2,974.3 | 3,247.3 |
| 10. Average daily population on books* | 7,281. | 3,424 | 3,857 |
| 11. Patients placed on visit, temporary visit or missing, but still retained on books* (count the total number of times patients were transferred from resident to absent status) | 4,017 | 1,802 | 2,215 |
| 12. Patients returned to hospital from visit, temporary visit or missing, etc., status* | 3,184 | 1,438 | 1,746 |

TABLE III. (Continued.)

MOVEMENT OF PATIENT POPULATION

*Excluding patients transferred from other state institutions to receive special surgical or medical care of a general hospital nature. These are recorded below:

| | Total | Men | Women |
|--|-------|-----|-------|
| (Supplement)..... | | | |
| a. Discharged directly from institution | 412 | 224 | 188 |
| b. Discharged while on visit or otherwise | | | |
| c. absent (excluding deaths) | 770 | 333 | 437 |
| d. Deaths while on visit or otherwise absent from hospital | 15 | 6 | 9 |
| Receiving special care beginning of year | 1 | | 1 |
| Admitted for special care | 10 | | 10 |
| Discharged from special care | 10 | | 10 |
| Transferred to regular mental population | | | |
| Died while receiving special care | 1 | | 1 |
| Receiving special care end of year | | | |
| Baby Census | Total | Men | Women |
| In hospital first day of year | | | |
| Born during year | 9 | 6 | 3 |
| Discharged during year | 6 | 4 | 2 |
| Died during year | 2 | 1 | 1 |
| In hospital last day of year | 1 | | 1 |
| Stillbirths during year | 1 | 1 | |
| SUPPLEMENT | | | |
| Sex Cases | Total | Men | Women |
| In hospital first day of year | 35 | 35 | |
| On extended visit first day of year | 2 | 2 | |
| Missing first day of year | 1 | 1 | |
| Admitted during year | 31 | 31 | |
| Returned from Temporary Visit | 1 | 1 | |
| Released on extended visit during year | 7 | 7 | |
| Released on temporary visit during year | 1 | 1 | |
| Missing during year | 3 | 3 | |
| Discharged during year | 1 | 1 | |
| Discharged from extended visit during year | 1 | 1 | |
| Discharged from missing during year | 1 | 1 | |
| Died during year | 1 | 1 | |
| Transferred to regular population (effective 4-20-51) | 1 | 1 | |
| In hospital last day of year | 53 | 53 | |
| On extended visit last day of year | 8 | 8 | |
| Missing last day of year | 3 | 3 | |

TABLE III (Continued)

MOVEMENT OF PATIENT POPULATION

| Section II Cases | | | |
|---|-------|-----|-------|
| | Total | Men | Women |
| In hospital first day of year..... | 5 | 4 | 1 |
| On extended visit first day of year..... | 1 | 1 | |
| Admitted during year..... | 4 | 3 | 1 |
| Returned from extended visit during year..... | 1 | 1 | |
| Discharged during year..... | 5 | 3 | 2 |
| In hospital last day of year..... | 5 | 5 | |

TABLE IV.

NATIVITY OF FIRST ADMISSIONS AND OF PARENTS OF FIRST ADMISSIONS

| NATIVITY | Patients | | | Parents of Male Patients | | | Parents of Female Patients | | |
|-------------------------|----------|-----|-------|--------------------------|---------|---------|----------------------------|---------|---------|
| | Total | Men | Women | Both Parents | Fathers | Mothers | Both Parents | Fathers | Mothers |
| Africa..... | | | | | | | | | |
| *Asia..... | | | | | | | | | |
| Australia..... | | | | | | 1 | | | |
| Austria..... | 13 | 4 | 9 | 16 | 19 | 17 | 14 | 16 | 16 |
| Belgium..... | 2 | | 2 | | | | 2 | 3 | 2 |
| †Canada..... | 11 | 7 | 4 | 7 | 11 | 10 | 3 | 4 | 6 |
| Central America..... | | | | | | | | | |
| China..... | | | | | | | | | |
| Czecho-Slovakia..... | 10 | 5 | 5 | 13 | 13 | 16 | 6 | 8 | 6 |
| Cuba..... | | | | | | | | | |
| Denmark..... | 2 | 2 | | 2 | 2 | 3 | | 1 | |
| England..... | 24 | 8 | 16 | 13 | 19 | 20 | 24 | 32 | 33 |
| *Europe..... | | | | | | | | | |
| Finland..... | 2 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 |
| France..... | 7 | 6 | 1 | 5 | 6 | 7 | 4 | 7 | 6 |
| Germany..... | 45 | 30 | 15 | 47 | 54 | 51 | 37 | 48 | 45 |
| Greece..... | | | | 1 | 2 | 1 | 2 | 2 | 2 |
| Holland..... | 8 | 6 | 2 | 8 | 9 | 10 | 4 | 6 | 5 |
| Hungary..... | 17 | 8 | 9 | 9 | 10 | 10 | 9 | 9 | 11 |
| India..... | | | | | | | | | |
| Ireland..... | 28 | 10 | 18 | 32 | 36 | 47 | 38 | 47 | 49 |
| Italy..... | 78 | 36 | 42 | 65 | 74 | 67 | 80 | 93 | 83 |
| Japan..... | | | | | | | | | |
| Jugo-Slavia..... | | | | | | | | | |
| Lithuania..... | 4 | 3 | 1 | 4 | 4 | 4 | 5 | 7 | 6 |
| Mexico..... | | | | | | | | | |
| Norway..... | 7 | 5 | 2 | 7 | 8 | 7 | 3 | 3 | 3 |
| Philippine Islands..... | | | | | | | | | |
| Poland..... | 47 | 26 | 21 | 58 | 60 | 64 | 48 | 52 | 54 |
| Portugal..... | 2 | 2 | | 2 | 2 | 2 | | | |
| Roumania..... | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 2 |
| Russia..... | 25 | 10 | 15 | 18 | 20 | 20 | 22 | 27 | 23 |
| Scotland..... | 18 | 8 | 10 | 8 | 8 | 10 | 13 | 16 | 12 |
| South America..... | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 |
| Spain..... | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Sweden..... | 9 | 7 | 2 | 12 | 14 | 13 | 3 | 3 | 5 |
| Switzerland..... | 2 | 1 | 1 | 2 | 5 | 2 | 2 | 3 | 2 |
| Turkey-in-Asia..... | | | | | | | | | |
| Turkey-in-Europe..... | 4 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 |
| *United States..... | 1165 | 592 | 573 | 356 | 397 | 393 | 331 | 356 | 372 |
| Wales..... | | | | 1 | | | | | |
| †West Indies..... | 3 | 2 | 1 | 2 | 2 | 2 | 1 | 1 | 1 |
| Other countries..... | | | | | | | | | |
| Unascertained..... | | | | | | | | | |
| Total..... | 1538 | 785 | 753 | 704 | 785 | 785 | 659 | 753 | 753 |

*Not otherwise specified. †Includes Newfoundland‡ Except Cuba and Porto Rico.

TABLE V.

CITIZENSHIP OF FIRST ADMISSIONS

| | Total | Men | Women |
|----------------------------------|-------|-----|-------|
| Citizens by birth | 1,165 | 592 | 573 |
| Citizens by naturalization | 237 | 125 | 112 |
| Aliens | 136 | 68 | 68 |
| Citizenship unascertained | | | |
| Total | 1,538 | 785 | 753 |

TABLE VI.

PSYCHOSES OF FIRST ADMISSIONS

| Psychoses | Total | M. | W. |
|---|-------|-----|-----|
| TOTAL | 1,538 | 785 | 753 |
| 1. With syphilitic-meningo-encephalitis | 19 | 13 | 6 |
| 2. With other forms syphilis of central nervous system .. | 8 | 5 | 3 |
| a. Meningo-vascular type (cerebral syphilis) | | 5 | 3 |
| b. With intracranial gumma | | | |
| c. Other types (to be specified) (Congenital) | | | |
| 3. With epidemic encephalitis | 5 | 3 | 2 |
| 4. With other infectious diseases | 1 | | 1 |
| a. With tuberculosis | | | |
| b. With meningitis (Unspecified) | | | |
| c. With acute chorea (Sydenham's) | | | |
| d. With other infectious diseases (to be specified) | | | |
| Pneumonia | | | 1 |
| e. Post-infectious psychoses | | | 1 |
| 5. Alcoholic | 102 | 86 | 16 |
| a. Pathological intoxication | | 1 | 1 |
| b. Delirium tremens | | 17 | 2 |
| c. Korsakow's psychosis | | 7 | |
| d. Acute hallucinosis | | 3 | 2 |
| e. Other types (to be specified) Mixed | | 54 | 6 |
| e1. Chronic alcoholic intoxication | | 4 | 5 |
| 6. Due to drugs or other exogenous poisons | 6 | 4 | 2 |
| a. Due to metals (to be specified) | | | |
| b. Due to gases (to be specified) | | | |
| c. Due to opium and derivatives | | 1 | |
| d. Due to other drugs (to be specified) Demoral | | 3 | 2 |
| 7. Traumatic | 1 | 1 | |
| a. Traumatic delirium | | | |
| b. Post-traumatic personality disorders | | | |
| c. Post-traumatic mental deterioration | | | |
| d. Other types (to be specified) Cerebral Atrophy | | 1 | |

TABLE VI. (Continued.)

PSYCHOSES OF FIRST ADMISSIONS

| Psychoses | Total | M. | W. |
|---|-------|-----|-----|
| 8. With cerebral arteriosclerosis | 417 | 220 | 197 |
| 9. With other disturbances of circulation | 15 | 5 | 10 |
| a. With cerebral embolism | | | |
| b. With cardio-renal disease | | 5 | 10 |
| c. Other types (to be specified) | | | |
| 10. With convulsive disorders (epilepsy) | 13 | 6 | 7 |
| a. Epileptic deterioration | | | 2 |
| b. Epileptic clouded states | | 5 | 5 |
| c. Other epileptic types | | 1 | |
| 11. Senile | 91 | 34 | 57 |
| a. Simple deterioration | | 34 | 57 |
| b. Presbyophrenic type | | | |
| c. Delirious and confused types | | | |
| d. Depressed and agitated types | | | |
| e. Paranoid types | | | |
| 12. Involuntional | 106 | 23 | 83 |
| a. Melancholia | | 14 | 27 |
| b. Paranoid types | | 3 | 12 |
| c. Other types (to be specified) Mixed | | 6 | 44 |
| 13. Due to other metabolic, etc., diseases | 5 | 1 | 4 |
| a. With diseases of the endocrine glands | | | 1 |
| b. Exhaustion delirium | | | 1 |
| c. Alzheimer's disease | | | 2 |
| d. With pellagra | | | |
| e. Other somatic diseases (to be specified) Diabetes Mellitus | | 1 | 1 |
| 14. Due to new growth | 3 | 2 | 1 |
| a. With intracranial neoplasms | | | 1 |
| b. With other neoplasms (to be specified) Carcinoma | | 2 | |
| 15. With organic changes of the nervous system | 5 | 3 | 2 |
| a. With multiple sclerosis | | | |
| b. With birth injury | | 1 | |
| c. With Huntington's chorea | | | 2 |
| d. With other brain or nervous diseases Cerebral Palsy | | 2 | |
| 16. Psychoneuroses | 91 | 58 | 33 |
| a. Hysteria | | 2 | 2 |
| b. Psychasthenia or compulsive states | | 3 | 3 |
| c. Neurasthenia | | | |
| d. Hypochondriasis | | | |
| e. Reactive depression | | 3 | 7 |
| f. Anxiety state | | 4 | 1 |
| g. Mixed Psychoneurosis | | 46 | 20 |

PSYCHOSES OF FIRST ADMISSIONS

| | Psychoses | Total | M. | W. |
|---|-----------|-------|-----|----|
| 17. Manic-depressive | 100 | 28 | 72 | |
| a. Manic type | 15 | 15 | 16 | |
| b. Depressive type | 10 | 10 | 28 | |
| c. Circular type | 1 | 1 | 1 | |
| d. Mixed type | 3 | 3 | 26 | |
| e. Perplexed type | 1 | 1 | 1 | |
| f. Stuporous type | 1 | 1 | 1 | |
| g. Other types | 1 | 1 | 1 | |
| 18. Dementia Præcox | 319 | 152 | 167 | |
| a. Simple type | 3 | 3 | 2 | |
| b. Hebephrenic type | 31 | 31 | 32 | |
| c. Catatonic type | 38 | 38 | 41 | |
| d. Paranoid type | 28 | 28 | 45 | |
| e. Other types Mixed | 40 | 40 | 30 | |
| f. Type not specified Unclassified | 12 | 12 | 17 | |
| 19. Paranoia and Paranoid conditions | 27 | 13 | 14 | |
| a. Paranoia | 13 | 13 | 14 | |
| b. Paranoid conditions | 36 | 24 | 12 | |
| 20. With psychopathic personality | 40 | 19 | 21 | |
| 21. With mental deficiency | 80 | 43 | 37 | |
| 22. Undiagnosed | 47 | 42 | 5 | |
| 23. Without psychoses | 2 | 2 | 5 | |
| a. Multiple Sclerosis | 18 | 18 | 5 | |
| b. Alcoholism | 2 | 2 | 2 | |
| c. Drug addiction | 3 | 3 | 3 | |
| d. Mental deficiency | 17 | 17 | 17 | |
| e. Unclassified | 3 | 3 | 3 | |
| f. Psychopathic personality | 1 | 1 | 1 | |
| i. 1 Mental deficiency | 1 | 1 | 1 | |
| 24. Primary Behavior Disorders | 1 | 1 | 1 | |
| a. Simple adult maladjustment | 1 | 1 | 1 | |
| b. Primary behavior disorders in children | 1 | 1 | 1 | |

COLOR OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

[illegible]

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

TABLE VIII

AGE OF FIRST ADMISSIONS CLASSIFIED WITH REFERENCES TO PRINCIPAL PSYCHOSES (Continued)

[illegible]

FIRST ADMISSIONS WITHOUT PSYCHOSIS BY AGE

(Supplement to Table 8)

| PSYCHOSES | Total | | | Under 15 yrs. | | 15—19 yrs. | | 20—24 yrs. | | 25—29 yrs. | | 30—34 yrs. | | 35—39 yrs. | | 40—44 yrs. | | 45—49 yrs. | |
|--|----------|----|---|---------------|--|------------|--|------------|---|------------|---|------------|--|------------|---|------------|---|------------|---|
| | T. M. W. | | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | |
| | | | | | | | | | | | | | | | | | | | |
| TOTAL WITHOUT PSYCHOSIS . . . | 47 | 42 | 5 | | | | | 3 | 1 | 3 | 1 | 5 | | 5 | 1 | 8 | 1 | 12 | 1 |
| Multiple Sclerosis | 2 | 2 | | | | | | | | | | | | | | | | 1 | |
| Mental Deficiency | 3 | 3 | | | | | | 1 | | | | 1 | | | | | | 1 | |
| Alcoholism | 23 | 18 | 5 | | | | | 1 | | 1 | | | | 4 | 1 | 6 | 1 | 7 | 1 |
| Drug Addiction | 2 | 2 | | | | | | 1 | | 1 | | | | | | | | | |
| Personality Disorders due to Epidemic Encephalitis | | | | | | | | | | | | | | | | | | | |
| Psychopathic Personality | 17 | 17 | | | | | | 1 | | 2 | | 4 | | 1 | | 2 | | 3 | |
| Syphilitic Meningo Encephalitis . . | | | | | | | | | | | | | | | | | | | |
| Unclassified Without Psychosis . . | | | | | | | | | | | | | | | | | | | |

FIRST ADMISSIONS WITHOUT PSYCHOSIS BY AGE (Continued)

(Supplement to Table 8)

| PSYCHOSIS | 50—54 yrs. | | 55—59 yrs. | | 60—64 yrs. | | 65—69 yrs. | | 70—74 yrs. | | 75—79 yrs. | | 80—84 yrs. | | 85 yrs. & over | |
|--|------------|--|------------|--|------------|--|------------|--|------------|--|------------|--|------------|--|----------------|--|
| | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | | M. W. | |
| | | | | | | | | | | | | | | | | |
| TOTAL WITHOUT PSYCHOSIS | 3 | | 2 | | 1 | | | | | | | | | | | |
| Multiple Sclerosis | 1 | | | | | | | | | | | | | | | |
| Mental Deficiency | | | | | | | | | | | | | | | | |
| Alcoholism | 1 | | | | | | | | | | | | | | | |
| Drug Addiction | | | | | | | | | | | | | | | | |
| Personality disorders due to epidemic encephalitis | | | | | | | | | | | | | | | | |
| Psychopathic Personality | 1 | | 2 | | 1 | | | | | | | | | | | |
| Primary Behavior Disorders | | | | | | | | | | | | | | | | |
| Unclassified Without Psychosis | | | | | | | | | | | | | | | | |

Tables 9, 10 and 11 Not Printed

TABLE XII.

COMMITTED AND VOLUNTARY ADMISSION BY PSYCHOSES

| PSYCHOSES | FIRST ADMISSIONS | | | READMISSIONS | | |
|---|------------------|-----------|-----------|--------------|-----------|-----------|
| | Total | Committed | Voluntary | Total | Committed | Voluntary |
| TOTAL..... | 1538 | 1279 | 259 | 502 | 350 | 152 |
| TOTAL WITH PSYCHOSES..... | 1491 | 1262 | 229 | 485 | 348 | 137 |
| 1. With syphilitic meningo- encephalitis..... | 19 | 18 | 1 | 4 | 2 | 2 |
| 2. With other forms of syphilis of the central nervous system... | 8 | 6 | 2 | 2 | 2 | |
| 3. With epidemic encephalitis..... | 5 | 5 | | | | |
| 4. With other infectious diseases..... | 1 | 1 | | | | |
| 5. Alcoholic..... | 102 | 78 | 24 | 29 | 14 | 15 |
| 6. Due to drugs or other exogenous poisons..... | 6 | 5 | 1 | | | |
| 7. Traumatic..... | 1 | 1 | | 1 | 1 | |
| 8. With cerebral arteriosclerosis..... | 417 | 404 | 13 | 34 | 29 | 5 |
| 9. With other disturbances of circulation..... | 15 | 13 | 2 | | | |
| 10. With convulsive disorders..... | 13 | 11 | 2 | 6 | 3 | 3 |
| 11. Senile..... | 91 | 89 | 2 | 4 | 4 | |
| 12. Involutional..... | 106 | 79 | 27 | 47 | 27 | 20 |
| 13. Due to other metabolic, etc., diseases..... | 5 | 5 | | | | |
| 14. Due to new growth..... | 3 | 2 | 1 | 2 | 2 | |
| 15. Associated with organic changes of the nervous system... | 5 | 4 | 1 | 1 | 1 | |
| 16. Psychoneuroses..... | 91 | 31 | 60 | 38 | 7 | 31 |
| 17. Manic-depressive..... | 100 | 72 | 28 | 73 | 53 | 20 |
| 18. Dementia Præcox..... | 319 | 285 | 34 | 199 | 164 | 35 |
| 19. Paranoia and paranoid conditions | 27 | 24 | 3 | 3 | 3 | |
| 20. With psychopathic personality..... | 36 | 27 | 9 | 21 | 16 | 5 |
| 21. With mental deficiency..... | 40 | 35 | 5 | 9 | 9 | |
| 22. Undiagnosed..... | 80 | 66 | 14 | 11 | 10 | 1 |
| 23. TOTAL WITHOUT PSYCHOSES..... | 47 | 17 | 30 | 17 | 2 | 15 |
| (1) Multiple Sclerosis..... | 2 | | 2 | | | |
| (2) Alcoholism..... | 23 | 1 | 22 | 10 | | 10 |
| (3) Drug addiction..... | 2 | | 2 | | | |
| (4) Mental deficiency..... | 3 | 3 | | | | |
| (5) Huntington chorea..... | | | | | | |
| (6) Psychopathic personality..... | 17 | 13 | 4 | 4 | 2 | 2 |
| (7) Other Syph. Meningo Encephalitis..... | | | | 2 | | 2 |
| (8) Unclassified..... | | | | 1 | | 1 |
| 24. Primary Behavior Disorders..... | 1 | 1 | | 1 | 1 | |

TABLE XIII

MARITAL CONDITION OF FIRST ADMISSIONS

| | Total | Male | Female |
|--------------------|-------|------|--------|
| Total | 1538 | 785 | 753 |
| Single..... | 433 | 275 | 158 |
| Married..... | 659 | 335 | 324 |
| Widowed..... | 351 | 125 | 226 |
| Separated..... | 54 | 28 | 26 |
| Divorced..... | 41 | 22 | 19 |
| Unascertained..... | | | |

AGE OF READMISSIONS CLASSIFIED WITH REFERENCE TO PRINCIPAL PSYCHOSES

[illegible]

TABLE XIV

AGE OF READMISSIONS CLASSIFIED WITH REFERENCES TO PRINCIPAL PSYCHOSES (Continued)

[illegible]

DISCHARGES BY PSYCHOSES AND CONDITION ON DISCHARGE

[illegible]

(Supplement to Table 15)

[illegible]

CAUSE OF DEATH BY AGE AT DEATH

| CAUSE OF DEATH | Total | | | Under 25 Years | | 25-34 Years | | 35-44 Years | | 45-54 Years | | 55-64 Years | | 65-74 Years | | 75-84 Years | | 85 Years And Over | |
|--|-------|-----|-----|----------------|---|-------------|---|-------------|----|-------------|----|-------------|----|-------------|----|-------------|-----|-------------------|----|
| | T | M | W | M | W | M | W | M | W | M | W | M | W | M | W | M | W | M | W |
| ALL DISEASES | 611 | 313 | 298 | | 1 | 5 | 4 | 17 | 13 | 30 | 14 | 45 | 35 | 90 | 84 | 102 | 100 | 24 | 47 |
| 1. TOTAL INFECTIOUS AND PARASITIC DISEASES | 30 | 23 | 7 | | | 2 | 1 | 5 | 2 | 4 | | 3 | 2 | 5 | 2 | 4 | | | |
| Tuberculosis—all forms | 24 | 19 | 5 | | | 2 | 1 | 5 | 1 | 3 | | 2 | 2 | 5 | 1 | 2 | | | |
| Syphilis | 3 | 1 | 2 | | | | | | 1 | 1 | | | | 1 | 1 | | | | |
| 2. CANCER AND OTHER TUMORS | 31 | 18 | 13 | | | 1 | | | | 1 | 3 | 5 | | 5 | 5 | 5 | 1 | | |
| 3. RHEUMATIC, NUTRITIONAL, ENDOCRINE AND OTHER GENERAL DISEASES | 2 | 2 | | | | | | 2 | | | | | | | | | | | |
| 4. DISEASES OF BLOOD AND BLOOD MAKING ORGANS | 2 | 1 | 1 | | | | | 1 | | | | | | | | 1 | | | |
| 5. CHRONIC POISONING AND INTOXICATION | | | | | | | | | | | | | | | | | | | |
| 6. TOTAL DISEASES OF NERVOUS SYSTEM AND OF ORGANS OF SPECIAL SENSE | 54 | 20 | 34 | | | | 2 | 1 | 5 | 2 | 3 | 4 | 2 | 7 | 11 | 5 | 8 | 1 | 3 |
| Cerebral hemorrhage | 45 | 20 | 25 | | | | | 1 | 2 | 2 | 1 | 4 | 2 | 7 | 10 | 5 | 7 | 1 | 3 |
| Mental diseases and Deficiency | | | | | | | | | | | | | | | | | | | |
| Diseases of organs of special sense | | | | | | | | | | | | | | | | | | | |
| 7. TOTAL DISEASES OF CIRCULATORY SYSTEM | 355 | 191 | 164 | | | | 1 | 3 | 5 | 12 | 8 | 28 | 17 | 56 | 40 | 76 | 63 | 16 | 30 |
| TOTAL Heart Disease | 269 | 155 | 114 | | | | 1 | 3 | 4 | 10 | 4 | 28 | 9 | 29 | 30 | 71 | 44 | 14 | 22 |
| Arteriosclerosis | 55 | 16 | 39 | | | | | | 1 | 2 | 3 | | 4 | 7 | 5 | 5 | 18 | 2 | 8 |
| 8. TOTAL DISEASES OF RESPIRATORY SYSTEM | 115 | 51 | 64 | | 1 | 2 | | 5 | 1 | 7 | | 4 | 13 | 16 | 24 | 11 | 17 | 6 | 8 |
| Bronchopneumonia | 105 | 46 | 59 | | 1 | 2 | | 4 | 1 | | | 3 | 13 | 14 | 21 | 11 | 15 | 5 | 8 |
| Lobar pneumonia | 5 | 4 | 1 | | | | | | | | | | | 2 | | | 1 | | |
| 9. DISEASES OF THE DIGESTIVE SYSTEM | 3 | 2 | 1 | | | | | | | 1 | | | | 1 | | | | | |
| 10. TOTAL DISEASES OF GENITO-URINARY SYSTEM | 2 | 1 | 1 | | | | | | | | | | | 1 | | | | | |
| Nephritis | 1 | | 1 | | | | | | | | | | | | | | | | |
| 11. DISEASES OF PREGNANCY, CHILD-BIRTH AND PUERPERAL STATE | | | | | | | | | | | | | | | | | | | |
| 12. DISEASES OF SKIN AND CELLULAR TISSUE | | | | | | | | | | | | | | | | | | | |
| 13. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION | | | | | | | | | | | | | | | | | | | |
| 14. CONGENITAL MALFORMATIONS | | | | | | | | | | | | | | | | | | | |
| 15. DISEASES OF EARLY INFANCY | | | | | | | | | | | | | | | | | | | |
| 16. SENILITY | 13 | | 13 | | | | | | | | | | | | | 7 | | | 6 |
| 17. VIOLENT AND ACCIDENTAL DEATHS (Suicide) | 4 | 4 | | | | | | | | 2 | | 1 | | | | 1 | | | |
| 18. ILL-DEFINED CAUSES | | | | | | | | | | | | | | | | | | | |

TABLE XVII.

AGE OF PATIENTS AT TIME OF DEATH

| | Total | Under 15 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35-39 years | 40-44 years | 45-49 years | 50-54 years | 55-59 years | 60-64 years | 65-69 years | 70 years & over |
|-------------------------|-------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-----------------|
| PSYCHOSES | | | | | | | | | | | | | | |
| TOTAL | 611 | | | 1 | 2 | 7 | 11 | 19 | 17 | 27 | 22 | 58 | 83 | 364 |
| With psychosis | 609 | | | 1 | 2 | 7 | 11 | 17 | 17 | 27 | 22 | 58 | 83 | 364 |
| Without psychosis | 2 | | | | | | | 2 | | | | | | |
| MALE—TOTAL | 313 | | | | 1 | 4 | 8 | 9 | 12 | 18 | 13 | 32 | 37 | 179 |
| With psychosis | 312 | | | | 1 | 4 | 8 | 8 | 12 | 18 | 13 | 32 | 37 | 179 |
| Without psychosis | 1 | | | | | | | 1 | | | | | | |
| FEMALE—TOTAL | 298 | | | 1 | 1 | 3 | 3 | 10 | 5 | 9 | 9 | 26 | 46 | 185 |
| With psychosis | 297 | | | 1 | 1 | 3 | 3 | 9 | 5 | 9 | 9 | 26 | 46 | 185 |
| Without psychosis | 1 | | | | | | | 1 | | | | | | |

TABLE XVIII

TOTAL DURATION OF HOSPITAL LIFE OF PATIENTS DYING IN HOSPITAL CLASSIFIED ACCORDING TO PRINCIPAL PSYCHOSES

| PSYCHOSES | TOTAL | | | Less than 1 month | | 1-3 months | | 4-6 months | | 7-11 months | | 1 year | | 2 years | | 3-4 years | | 5-9 years | | 10-19 years | | 20 years and over | |
|---|-------|-----|-----|-------------------|----|------------|----|------------|----|-------------|----|--------|----|---------|----|-----------|----|-----------|----|-------------|-----|-------------------|----|
| | T. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. |
| TOTAL | 611 | 313 | 298 | 79 | 59 | 53 | 50 | 14 | 24 | 15 | 25 | 27 | 21 | 12 | 18 | 16 | 32 | 28 | 22 | 33 | 27 | 36 | 20 |
| TOTAL WITH PSYCHOSES | 609 | 312 | 297 | 79 | 59 | 53 | 50 | 14 | 24 | 15 | 24 | 27 | 21 | 11 | 18 | 16 | 32 | 28 | 22 | 33 | 27 | 36 | 20 |
| 1. With syphilitic meningo-encephalitis | 11 | 7 | 4 | | | 1 | | | | | | 2 | | | | | | 1 | | 3 | 3 | | |
| 2. With other forms of syphilis of the central nervous system | 11 | 7 | 4 | | 1 | 2 | 1 | | | | | 1 | | | | | | 3 | 2 | 1 | | | |
| 3. With epidemic encephalitis | 2 | 1 | 1 | | | 1 | | | | | | | | | | | | 1 | | | | | |
| 4. With other infectious diseases | 8 | 6 | 2 | 2 | | 1 | | | | 1 | | 13 | | 1 | 18 | 1 | | 35 | 31 | 130 | | | |
| 5. Alcoholic | 8 | 6 | 2 | 2 | | 1 | | | | | | 15 | | 1 | 18 | | | 35 | 31 | 130 | | | |
| 6. Due to drugs or other exogenous poisons | 1 | 1 | | | | | | | | | | 15 | | | 18 | 1 | | 35 | 31 | 130 | | | |
| 7. Traumatic | | | | | | | | | | | | | | | | | | | | | | | |
| 8. With cerebral arteriosclerosis | 336 | 172 | 164 | 51 | 31 | 36 | 31 | 7 | 13 | 9 | 17 | 18 | 13 | 8 | 13 | 11 | 22 | 16 | 16 | 13 | 5 | 3 | 3 |
| 9. With other disturbances of circulation | 8 | 4 | 4 | 1 | 1 | | 2 | | 1 | 2 | | | | | | | | | | 1 | | | |
| 10. With convulsive disorders | 3 | 2 | 1 | | | | | | | | | 1 | | 1 | 31 | 1 | | 1 | 1 | 88 | 301 | | |
| 11. Senile | 83 | 32 | 51 | 15 | 18 | 8 | 9 | 5 | 9 | 1 | 3 | 1 | 6 | | 1 | 1 | 3 | 1 | 1 | 2 | | 2 | |
| 12. Involutional | 10 | 2 | 8 | | 1 | | 1 | 1 | | 1 | 1 | | | | 31 | | 31 | | | 23 | 301 | | |
| 13. Due to other metabolic, etc., diseases | | | | | | | | | | | | | | | | | | | | | | | |
| 14. Due to new growth | 3 | 3 | | 2 | | | | | | | | 1 | | | | | | | | | | | |
| 15. Associated with organic changes of the nervous system | 6 | 3 | 3 | 50-54 | | 72-76 | 1 | | | 72-76 | 1 | | | 1 | | 1 | | 1 | 1 | 1 | 1 | 1 | 2 |
| 16. Psychoneuroses | 3 | 2 | 1 | | | | | | | | | | | | | | | | | | | | |
| 17. Manic-depressive | 23 | 9 | 14 | 1 | 2 | 1 | 2 | 1 | | | 1 | 1 | 1 | 1 | | 1 | 3 | 1 | 1 | 3 | 3 | 1 | 2 |
| 18. Dementia præcox | 70 | 42 | 28 | 1 | | 1 | 1 | | 1 | | 1 | 1 | 1 | 1 | | 1 | 4 | 2 | | 7 | 9 | 27 | 12 |
| 19. Paranoia and paranoid conditions | 6 | 3 | 3 | | | | | | | | | | | | | | | | | 2 | 3 | | |
| 20. With psychopathic personality | 2 | 2 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| 21. With mental deficiency | 8 | 5 | 3 | | | 2 | 1 | 1 | | 1 | | | | 1 | | 1 | | | | | | | |
| 22. Undiagnosed psychoses | 15 | 9 | 6 | 6 | 5 | | | | | | | | | | | 1 | | | | | | | |
| TOTAL WITHOUT PSYCHOSES | 2 | 1 | 1 | | | | | | | | 1 | | | 1 | | | | | | | | | |

DEATHS IN HOSPITAL BY TOTAL DURATION OF HOSPITAL LIFE OF CASES WITHOUT PSYCHOSIS

(Supplement to Table 18)

| DIAGNOSIS | Total | | | Less than 1 month | | 1-3 months | | 4-6 months | | 7-11 months | | 1 year | | 2 years | | 3-4 years | | 5-9 years | | 10-19 years | |
|--|-------|----|----|-------------------|----|------------|----|------------|----|-------------|----|--------|----|---------|----|-----------|----|-----------|----|-------------|----|
| | T. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. | M. | W. |
| TOTAL WITHOUT PSYCHOSES | 2 | 1 | 1 | | | | | | | 1 | | | | 1 | | | | | | | |
| Epilepsy | | | | | | | | | | | | | | | | | | | | | |
| Mental deficiency | | | | | | | | | | | | | | | | | | | | | |
| Alcoholism | | | | | | | | | | | | | | | | | | | | | |
| Huntington's Chorea | 1 | 12 | 51 | 25 | 30 | 38 | 31 | 53 | 34 | 38 | 1 | 38 | 30 | 71 | 33 | 10 | | | | | |
| Personality disorders due to epidemic encephalitis | 1 | 8 | 14 | 14 | 10 | 9 | 11 | 13 | 10 | 9 | 12 | 10 | 18 | 35 | 8 | | | | | | |
| Psychopathic personality | 1 | 1 | 13 | 8 | 13 | 8 | 12 | 12 | 2 | 4 | 3 | 3 | 8 | 1 | 5 | 3 | 1 | | | | |
| Tabes Dorsalis | 3 | 10 | 32 | 20 | 30 | 34 | 44 | 52 | 34 | 10 | 51 | 53 | 35 | 31 | 4 | | | | | | |
| Unclassified without psychosis | 1 | 8 | 38 | 41 | 50 | 38 | 43 | 33 | 32 | 34 | 32 | 51 | 34 | 50 | 13 | 8 | | | | | |

TABLE A1A

AGE ON FIRST ADMISSION

| COUNTY | 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 | 85-89 | 90-over |
|-----------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Bergen | 1538 | 6 | 48 | 99 | 147 | 133 | 123 | 131 | 122 | 99 | 94 | 79 | 96 | 106 | 101 | 99 | 39 | 16 |
| Camden | 414 | 1 | 8 | 28 | 41 | 29 | 32 | 28 | 43 | 23 | 25 | 24 | 25 | 21 | 37 | 29 | 12 | 8 |
| Essex | 400 | 2 | 16 | 25 | 50 | 39 | 34 | 44 | 25 | 34 | 19 | 21 | 22 | 22 | 20 | 21 | 4 | 2 |
| Hudson | 111 | 1 | 4 | 13 | 9 | 13 | 9 | 15 | 15 | 5 | 4 | 3 | 3 | 8 | 5 | 2 | 2 | 1 |
| Mercer | 2 | 1 | 1 | | | | | | | | | | | | | 1 | | |
| Middlesex | 1 | | | | | | | | | | | | | | | | | |
| Monmouth | 3 | | | 1 | | | | | | | | | | | 1 | 1 | | |
| Morris | 195 | | 1 | 8 | 14 | 14 | 16 | 9 | 11 | 12 | 16 | 9 | 15 | 19 | 18 | 22 | 8 | 3 |
| Ocean | 2 | | | | | | | | | | | | 1 | | 1 | | | |
| Passaic | 381 | 3 | 15 | 24 | 32 | 36 | 28 | 31 | 22 | 24 | 28 | 22 | 28 | 36 | 17 | 23 | 10 | 2 |
| Somerset | 5 | | | | | | 2 | 1 | | | | | | | | | 2 | |
| Sussex | 14 | | | | 1 | | 2 | 1 | 5 | 1 | | | 1 | | 2 | | 1 | |
| Union | 8 | | 2 | | | 1 | | 2 | 1 | | 1 | | 1 | | | | | |
| Warren | 1 | | | | | | | | | | | | | | | | | |

AGE ON READMISSIONS

| COUNTY | 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 | 85-89 | 90-over |
|----------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Atlantic | 502 | 1 | 11 | 31 | 61 | 63 | 64 | 53 | 55 | 56 | 36 | 25 | 17 | 11 | 7 | 11 | | |
| Bergen | 121 | | 3 | 6 | 9 | 14 | 19 | 8 | 17 | 16 | 9 | 5 | 5 | 5 | 1 | 4 | | |
| Essex | 135 | 1 | 4 | 12 | 21 | 19 | 14 | 14 | 15 | 11 | 11 | 4 | 3 | 3 | 1 | 2 | | |
| Hudson | 52 | | 1 | 2 | 11 | 5 | 10 | 7 | 5 | 4 | 3 | 2 | 1 | 1 | | | | |
| Mercer | 1 | | | | | | | 1 | | | | | | | | | | |
| Morris | 94 | | 1 | 6 | 8 | 9 | 11 | 11 | 11 | 12 | 6 | 10 | 2 | | 4 | 3 | | |
| Passaic | 85 | | 2 | 5 | 8 | 13 | 10 | 11 | 7 | 10 | 5 | 4 | 6 | 1 | 1 | 2 | | |
| Somerset | 4 | | | | 2 | | | | | 1 | | | | | | | | |
| Sussex | 4 | | | | 1 | | | | | | 1 | | | | | | | |
| Union | 5 | | | | | 2 | | 1 | | 2 | 1 | | | | | | | |

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 | 3018 | 2 | 25 | 81 | 146 | 194 | 261 | 307 | 373 | 357 | 262 | 294 | 317 | 172 | 121 | 72 | 34 |
| Women | 3288 | 2 | 21 | 78 | 136 | 233 | 261 | 236 | 361 | 393 | 370 | 388 | 254 | 204 | 169 | 124 | 58 |
| Total | 6306 | 4 | 46 | 159 | 282 | 427 | 522 | 543 | 734 | 750 | 632 | 682 | 571 | 376 | 290 | 196 | 92 |

COUNTY AND COLOR OF POPULATION AND ADMISSIONS

| County of legal residence* | ** Resident population June 30 | | | Non-resident population June 30 | | | First admissions during year | | | Readmissions during year | | |
|----------------------------|--------------------------------|------|-----|---------------------------------|-----|-----|------------------------------|------|-----|--------------------------|-----|----|
| | T | W | N | T | W | N | T | W | N | T | W | N |
| All Counties | 6372 | 5856 | 516 | 1002 | 879 | 123 | 1538 | 1359 | 179 | 502 | 462 | 40 |
| Atlantic | 3 | 2 | 1 | | | | | | | 1 | 1 | |
| Bergen | 1318 | 1270 | 48 | 286 | 270 | 16 | 414 | 390 | 24 | 121 | 119 | 2 |
| Burlington | 1 | 1 | | | | | | | | | | |
| Camden | 2 | 2 | | | | | 1 | 1 | | | | |
| Cape May | 1 | 1 | | | | | | | | | | |
| Cumberland | 2 | 2 | | | | | | | | | | |
| Essex | 1991 | 1653 | 338 | 279 | 205 | 74 | 400 | 290 | 110 | 135 | 106 | 29 |
| Gloucester | 1 | 1 | | | | | | | | | | |
| Hudson | 719 | 686 | 33 | 102 | 96 | 6 | 111 | 106 | 5 | 52 | 52 | |
| Hunterdon | 2 | 2 | | | | | | | | | | |
| Mercer | 5 | 5 | | | | | 2 | 2 | | 1 | 1 | |
| Middlesex | 26 | 26 | | 2 | 2 | | 1 | 1 | | | | |
| Monmouth | 18 | 15 | 3 | 3 | 3 | | 3 | 2 | 1 | | | |
| Morris | 593 | 562 | 31 | 94 | 87 | 7 | 195 | 186 | 9 | 94 | 88 | 6 |
| Ocean | 2 | 2 | | 1 | 1 | | 2 | 2 | | | | |
| Passaic | 1411 | 1357 | 54 | 198 | 179 | 19 | 381 | 351 | 30 | 85 | 82 | 3 |
| Salem | 1 | 1 | | | | | | | | | | |
| Somerset | 16 | 16 | | 3 | 3 | | 5 | 5 | | 4 | 4 | |
| Sussex | 74 | 74 | | 12 | 12 | | 14 | 14 | | 4 | 4 | |
| Union | 122 | 118 | 4 | 11 | 10 | 1 | 8 | 8 | | 5 | 5 | |
| Warren | 5 | 5 | | 11 | 11 | | 1 | 1 | | | | |
| Special Cases | 58 | 54 | 4 | | | | | | | | | |
| Babies | 1 | 1 | | | | | | | | | | |
| CITY OF RESIDENCE | | | | | | | | | | | | |
| Atlantic City | | | | | | | | | | | | |
| Camden | | | | | | | | | | | | |
| Elizabeth | 42 | 40 | 2 | | | | 1 | 1 | | 1 | 1 | |
| Jersey City | 345 | 323 | 22 | 44 | 39 | 5 | 45 | 42 | 3 | 25 | 25 | |
| Newark | 1566 | 1305 | 261 | 209 | 139 | 70 | 315 | 218 | 97 | 97 | 70 | 27 |
| New Brunswick | | | | | | | | | | | | |
| Paterson | 740 | 698 | 42 | 103 | 83 | 20 | 208 | 184 | 24 | 39 | 36 | 3 |
| Trenton | 1 | 1 | | | | | 1 | 1 | | 1 | 1 | |

*Includes 65 patients on temporary visit.

CITY* OR STATE OF RESIDENCE OF FIRST ADMISSIONS—JUNE 30, 1952

| CITY | TOTAL | WHITE | NEGRO |
|--|-------|-------|-------|
| TOTAL | 1538 | 1359 | 179 |
| TOTAL NEW JERSEY .. | 1538 | 1359 | 179 |
| Asbury Park..... | | | |
| Atlantic City..... | | | |
| Bayonne..... | 12 | 12 | |
| Belleville..... | 10 | 10 | |
| Bergenfield..... | 12 | 12 | |
| Bloomfield..... | 7 | 7 | |
| Burlington..... | | | |
| Camden..... | 4 | 4 | |
| Cliffside Park..... | 42 | 42 | |
| Cranford..... | 2 | 2 | |
| Dover..... | 17 | 16 | 1 |
| Dumont..... | 11 | 11 | |
| East Orange..... | 22 | 16 | 6 |
| East Paterson..... | 12 | 12 | |
| Elizabeth..... | 1 | 1 | |
| Englewood..... | 21 | 15 | 6 |
| Fair Lawn..... | 10 | 10 | |
| Fort Lee..... | 2 | 2 | |
| Garfield..... | 18 | 18 | |
| Hackensack..... | 40 | 34 | 6 |
| Harrison..... | 5 | 5 | |
| Hawthorne..... | 7 | 7 | |
| Hoboken..... | 8 | 8 | |
| Irvington..... | 14 | 14 | |
| Jersey City..... | 45 | 42 | 3 |
| Kearny..... | 10 | 10 | |
| Linden..... | 2 | 2 | |
| Lodi..... | 17 | 17 | |
| Long Branch..... | 1 | 1 | |
| Lyndhurst..... | 7 | 7 | |
| Madison..... | 11 | 10 | 1 |
| Maplewood..... | 1 | 1 | |
| Millburn..... | | | |
| Montclair..... | 5 | 4 | 1 |
| Morristown..... | 40 | 36 | 4 |
| Newark..... | 315 | 218 | 97 |
| New Brunswick..... | | | |
| North Arlington..... | 7 | 7 | |
| North Bergen..... | 4 | 4 | |
| Nutley..... | 4 | 4 | |
| Orange..... | 7 | 7 | |
| Passaic..... | 72 | 67 | 5 |
| Paterson..... | 208 | 184 | 24 |
| Perth Amboy..... | | | |
| Phillipsburg..... | | | |
| Plainfield..... | | | |
| Pleasantville..... | | | |
| Rahway..... | | | |
| Red Bank..... | | | |
| Ridgefield Park..... | | | |
| Ridgewood..... | | | |
| Roselle..... | | | |
| Rutherford..... | | | |
| South Orange..... | | | |
| South River..... | | | |
| Summit..... | | | |
| Teaneck..... | | | |
| Trenton..... | | | |
| Union City..... | | | |
| Union (Twp.)..... | | | |
| Weehawken..... | | | |
| Westfield..... | | | |
| West New York..... | | | |
| West Orange..... | | | |
| Woodbridge..... | | | |
| OTHER N. J. COM- MUNITIES | 443 | 419 | 24 |
| OUT OF STATE - TOTAL | | | |
| Delaware..... | | | |
| Maryland..... | | | |
| New York..... | | | |
| Pennsylvania..... | | | |
| Indiana..... | | | |
| Ohio..... | | | |

*Cities of 10,000 population or more. 1940 Census.

Total number from other Essex County communities . . . 8.

List number and color in these communities on reverse side.

| CITY | TOTAL | WHITE | NEGRO |
|-------------------------|-------|-------|-------|
| Asbury Park | 1 | 1 | 0 |
| Atlantic City | 2 | 2 | 0 |
| Bayonne | 40 | 34 | 6 |
| Belleville | 18 | 18 | 0 |
| Bergenfield | 5 | 5 | 0 |
| Bloomfield | 10 | 10 | 0 |
| Camden | 51 | 12 | 39 |
| Carteret | 1 | 1 | 0 |
| Cliffside Park | 15 | 15 | 0 |
| Clifton | 55 | 10 | 45 |
| Cranford | 11 | 11 | 0 |
| Dumont | 14 | 10 | 4 |
| East Orange | 5 | 5 | 0 |
| Elizabeth | 45 | 45 | 0 |
| Englewood | 4 | 4 | 0 |
| Fair Lawn | 1 | 1 | 0 |
| Fort Lee | 15 | 15 | 0 |
| Garfield | 10 | 10 | 0 |
| Hackensack | 10 | 10 | 0 |
| Harrison | 10 | 10 | 0 |
| Hawthorne | 2 | 2 | 0 |
| Irvington | 1 | 1 | 0 |
| Jersey City | 1238 | 1320 | 118 |
| Kearny | 1238 | 1320 | 118 |
| Linden | 1 | 1 | 0 |
| Lodi | 4 | 4 | 0 |
| Lyndhurst | 15 | 15 | 0 |
| Madison | 10 | 10 | 0 |
| Maplewood | 15 | 15 | 0 |
| Millburn | 1 | 1 | 0 |
| Montclair | 1 | 1 | 0 |
| Morris | 1 | 1 | 0 |
| Morris Township | 1 | 1 | 0 |
| Newark | 6 | 6 | 0 |
| North Arlington | 2 | 2 | 0 |
| North Bergen | 2 | 2 | 0 |
| North Plainfield | 1 | 1 | 0 |
| Nutley | 3 | 3 | 0 |
| Orange | 18 | 18 | 0 |
| Paterson | 39 | 36 | 3 |
| Perth Amboy | 1 | 1 | 0 |
| Phillipsburg | 1 | 1 | 0 |
| Plainfield | 1 | 1 | 0 |
| Pleasantville | 1 | 1 | 0 |
| Rahway | 1 | 1 | 0 |
| Red Bank | 1 | 1 | 0 |
| Ridgefield Park | 6 | 6 | 0 |
| Ridgewood | 7 | 7 | 0 |
| Roselle | 4 | 4 | 0 |
| Rutherford | 4 | 4 | 0 |
| South Orange | 2 | 2 | 0 |
| Summit | 1 | 1 | 0 |
| Teaneck | 1 | 1 | 0 |
| Trenton | 1 | 1 | 0 |
| Union City | 9 | 9 | 0 |
| Union (Twp.) | 1 | 1 | 0 |
| Verona | 1 | 1 | 0 |
| Weehawken | 1 | 1 | 0 |
| Westfield | 1 | 1 | 0 |
| West New York | 1 | 1 | 0 |
| West Orange | 1 | 1 | 0 |
| Woodbridge | 1 | 1 | 0 |
| OTHER N. J. COMMUNITIES | 143 | 141 | 2 |
| OUT OF STATE - TOTAL | | | |
| Delaware | | | |
| Maryland | | | |
| New York | | | |
| Pennsylvania | | | |
| Indiana | | | |
| Ohio | | | |

CITY* OR STATE OF RESIDENCE OF READMISSIONS—JUNE 30, 1952

CITY* OR STATE OF RESIDENCE OF READMISSIONS—JUNE 30, 1952

| CITY | TOTAL | WHITE | NEGRO |
|-------------------------|-------|-------|-------|
| Asbury Park | 502 | 462 | 40 |
| Atlantic City | 502 | 462 | 40 |
| Bayonne | 4 | 4 | 0 |
| Belleville | 1 | 1 | 0 |
| Bergenfield | 6 | 6 | 0 |
| Bloomfield | 3 | 3 | 0 |
| Camden | 2 | 2 | 0 |
| Carteret | 6 | 6 | 0 |
| Cliffside Park | 2 | 2 | 0 |
| Clifton | 2 | 2 | 0 |
| Cranford | 10 | 9 | 1 |
| Dover | 4 | 4 | 0 |
| Dumont | 9 | 9 | 0 |
| East Orange | 2 | 2 | 0 |
| East Paterson | 1 | 1 | 0 |
| Elizabeth | 8 | 7 | 1 |
| Englewood | 2 | 2 | 0 |
| Fair Lawn | 2 | 2 | 0 |
| Fort Lee | 6 | 6 | 0 |
| Garfield | 10 | 9 | 1 |
| Hackensack | 2 | 2 | 0 |
| Harrison | 2 | 2 | 0 |
| Hawthorne | 2 | 2 | 0 |
| Hillsdale | 4 | 4 | 0 |
| Hoboken | 6 | 6 | 0 |
| Irvington | 25 | 25 | 0 |
| Jersey City | 4 | 4 | 0 |
| Kearny | 1 | 1 | 0 |
| Linden | 3 | 3 | 0 |
| Lodi | 6 | 6 | 0 |
| Lyndhurst | 3 | 3 | 0 |
| Madison | 3 | 3 | 0 |
| Maplewood | 3 | 3 | 0 |
| Millburn | 1 | 1 | 0 |
| Montclair | 27 | 24 | 3 |
| Morris | 97 | 70 | 27 |
| Morris Township | 2 | 2 | 0 |
| Newark | 2 | 2 | 0 |
| North Arlington | 1 | 1 | 0 |
| North Bergen | 3 | 3 | 0 |
| North Plainfield | 4 | 2 | 2 |
| Nutley | 3 | 3 | 0 |
| Orange | 18 | 18 | 0 |
| Paterson | 39 | 36 | 3 |
| Perth Amboy | 1 | 1 | 0 |
| Phillipsburg | 1 | 1 | 0 |
| Plainfield | 1 | 1 | 0 |
| Pleasantville | 1 | 1 | 0 |
| Rahway | 1 | 1 | 0 |
| Red Bank | 1 | 1 | 0 |
| Ridgefield Park | 6 | 6 | 0 |
| Ridgewood | 7 | 7 | 0 |
| Roselle | 4 | 4 | 0 |
| Rutherford | 4 | 4 | 0 |
| South Orange | 2 | 2 | 0 |
| Summit | 1 | 1 | 0 |
| Teaneck | 1 | 1 | 0 |
| Trenton | 1 | 1 | 0 |
| Union City | 9 | 9 | 0 |
| Union (Twp.) | 1 | 1 | 0 |
| Verona | 1 | 1 | 0 |
| Weehawken | 1 | 1 | 0 |
| Westfield | 1 | 1 | 0 |
| West New York | 1 | 1 | 0 |
| West Orange | 1 | 1 | 0 |
| Woodbridge | 1 | 1 | 0 |
| OTHER N. J. COMMUNITIES | 143 | 141 | 2 |
| OUT OF STATE - TOTAL | | | |
| Delaware | | | |
| Maryland | | | |
| New York | | | |
| Pennsylvania | | | |
| Indiana | | | |
| Ohio | | | |

*Cities of 10,000 population or more. 1940 Census.

Total number from other Essex County communities. 3

List number and color in these communities on reverse side.

| NAME | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | 1962 | 1963 | 1964 | 1965 | 1966 | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | 2031 | 2032 | 2033 | 2034 | 2035 | 2036 | 2037 | 2038 | 2039 | 2040 | 2041 | 2042 | 2043 | 2044 | 2045 | 2046 | 2047 | 2048 | 2049 | 2050 | 2051 | 2052 | 2053 | 2054 | 2055 | 2056 | 2057 | 2058 | 2059 | 2060 | 2061 | 2062 | 2063 | 2064 | 2065 | 2066 | 2067 | 2068 | 2069 | 2070 | 2071 | 2072 | 2073 | 2074 | 2075 | 2076 | 2077 | 2078 | 2079 | 2080 | 2081 | 2082 | 2083 | 2084 | 2085 | 2086 | 2087 | 2088 | 2089 | 2090 | 2091 | 2092 | 2093 | 2094 | 2095 | 2096 | 2097 | 2098 | 2099 | 2100 | 2101 | 2102 | 2103 | 2104 | 2105 | 2106 | 2107 | 2108 | 2109 | 2110 | 2111 | 2112 | 2113 | 2114 | 2115 | 2116 | 2117 | 2118 | 2119 | 2120 | 2121 | 2122 | 2123 | 2124 | 2125 | 2126 | 2127 | 2128 | 2129 | 2130 | 2131 | 2132 | 2133 | 2134 | 2135 | 2136 | 2137 | 2138 | 2139 | 2140 | 2141 | 2142 | 2143 | 2144 | 2145 | 2146 | 2147 | 2148 | 2149 | 2150 | 2151 | 2152 | 2153 | 2154 | 2155 | 2156 | 2157 | 2158 | 2159 | 2160 | 2161 | 2162 | 2163 | 2164 | 2165 | 2166 | 2167 | 2168 | 2169 | 2170 | 2171 | 2172 | 2173 | 2174 | 2175 | 2176 | 2177 | 2178 | 2179 | 2180 | 2181 | 2182 | 2183 | 2184 | 2185 | 2186 | 2187 | 2188 | 2189 | 2190 | 2191 | 2192 | 2193 | 2194 | 2195 | 2196 | 2197 | 2198 | 2199 | 2200 | 2201 | 2202 | 2203 | 2204 | 2205 | 2206 | 2207 | 2208 | 2209 | 2210 | 2211 | 2212 | 2213 | 2214 | 2215 | 2216 | 2217 | 2218 | 2219 | 2220 | 2221 | 2222 | 2223 | 2224 | 2225 | 2226 | 2227 | 2228 | 2229 | 2230 | 2231 | 2232 | 2233 | 2234 | 2235 | 2236 | 2237 | 2238 | 2239 | 2240 | 2241 | 2242 | 2243 | 2244 | 2245 | 2246 | 2247 | 2248 | 2249 | 2250 | 2251 | 2252 | 2253 | 2254 | 2255 | 2256 | 2257 | 2258 | 2259 | 2260 | 2261 | 2262 | 2263 | 2264 | 2265 | 2266 | 2267 | 2268 | 2269 | 2270 | 2271 | 2272 | 2273 | 2274 | 2275 | 2276 | 2277 | 2278 | 2279 | 2280 | 2281 | 2282 | 2283 | 2284 | 2285 | 2286 | 2287 | 2288 | 2289 | 2290 | 2291 | 2292 | 2293 | 2294 | 2295 | 2296 | 2297 | 2298 | 2299 | 2300 | 2301 | 2302 | 2303 | 2304 | 2305 | 2306 | 2307 | 2308 | 2309 | 2310 | 2311 | 2312 | 2313 | 2314 | 2315 | 2316 | 2317 | 2318 | 2319 | 2320 | 2321 | 2322 | 2323 | 2324 | 2325 | 2326 | 2327 | 2328 | 2329 | 2330 | 2331 | 2332 | 2333 | 2334 | 2335 | 2336 | 2337 | 2338 | 2339 | 2340 | 2341 | 2342 | 2343 | 2344 | 2345 | 2346 | 2347 | 2348 | 2349 | 2350 | 2351 | 2352 | 2353 | 2354 | 2355 | 2356 | 2357 | 2358 | 2359 | 2360 | 2361 | 2362 | 2363 | 2364 | 2365 | 2366 | 2367 | 2368 | 2369 | 2370 | 2371 | 2372 | 2373 | 2374 | 2375 | 2376 | 2377 | 2378 | 2379 | 2380 | 2381 | 2382 | 2383 | 2384 | 2385 | 2386 | 2387 | 2388 | 2389 | 2390 | 2391 | 2392 | 2393 | 2394 | 2395 | 2396 | 2397 | 2398 | 2399 | 2400 | 2401 | 2402 | 2403 | 2404 | 2405 | 2406 | 2407 | 2408 | 2409 | 2410 | 2411 | 2412 | 2413 | 2414 | 2415 | 2416 | 2417 | 2418 | 2419 | 2420 | 2421 | 2422 | 2423 | 2424 | 2425 | 2426 | 2427 | 2428 | 2429 | 2430 | 2431 | 2432 | 2433 | 2434 | 2435 | 2436 | 2437 | 2438 | 2439 | 2440 | 2441 | 2442 | 2443 | 2444 | 2445 | 2446 | 2447 | 2448 | 2449 | 2450 | 2451 | 2452 | 2453 | 2454 | 2455 | 2456 | 2457 | 2458 | 2459 | 2460 | 2461 | 2462 | 2463 | 2464 | 2465 | 2466 | 2467 | 2468 | 2469 | 2470 | 2471 | 2472 | 2473 | 2474 | 2475 | 2476 | 2477 | 2478 | 2479 | 2480 | 2481 | 2482 | 2483 | 2484 | 2485 | 2486 | 2487 | 2488 | 2489 | 2490 | 2491 | 2492 | 2493 | 2494 | 2495 | 2496 | 2497 | 2498 | 2499 | 2500 | 2501 | 2502 | 2503 | 2504 | 2505 | 2506 | 2507 | 2508 | 2509 | 2510 | 2511 | 2512 | 2513 | 2514 | 2515 | 2516 | 2517 | 2518 | 2519 | 2520 | 2521 | 2522 | 2523 | 2524 | 2525 | 2526 | 2527 | 2528 | 2529 | 2530 | 2531 | 2532 | 2533 | 2534 | 2535 | 2536 | 2537 | 2538 | 2539 | 2540 | 2541 | 2542 | 2543 | 2544 | 2545 | 2546 | 2547 | 2548 | 2549 | 2550 | 2551 | 2552 | 2553 | 2554 | 2555 | 2556 | 2557 | 2558 | 2559 | 2560 | 2561 | 2562 | 2563 | 2564 | 2565 | 2566 | 2567 | 2568 | 2569 | 2570 | 2571 | 2572 | 2573 | 2574 | 2575 | 2576 | 2577 | 2578 | 2579 | 2580 | 2581 | 2582 | 2583 | 2584 | 2585 | 2586 | 2587 | 2588 | 2589 | 2590 | 2591 | 2592 | 2593 | 2594 | 2595 | 2596 | 2597 | 2598 | 2599 | 2600 | 2601 | 2602 | 2603 | 2604 | 2605 | 2606 | 2607 | 2608 | 2609 | 2610 | 2611 | 2612 | 2613 | 2614 | 2615 | 2616 | 2617 | 2618 | 2619 | 2620 | 2621 | 2622 | 2623 | 2624 | 2625 | 2626 | 2627 | 2628 | 2629 | 2630 | 2631 | 2632 | 2633 | 2634 | 2635 | 2636 | 2637 | 2638 | 2639 | 2640 | 2641 | 2642 | 2643 | 2644 | 2645 | 2646 | 2647 | 2648 | 2649 | 2650 | 2651 | 2652 | 2653 | 2654 | 2655 | 2656 | 2657 | 2658 | 2659 | 2660 | 2661 | 2662 | 2663 | 2664 | 2665 | 2666 | 2667 | 2668 | 2669 | 2670 | 2671 | 2672 | 2673 | 2674 | 2675 | 2676 | 2677 | 2678 | 2679 | 2680 | 2681 | 2682 | 2683 | 2684 | 2685 | 2686 | 2687 | 2688 | 2689 | 2690 | 2691 | 2692 | 2693 | 2694 | 2695 | 2696 | 2697 | 2698 | 2699 | 2700 | 2701 | 2702 | 2703 | 2704 | 2705 | 2706 | 2707 | 2708 | 2709 | 2710 | 2711 | 2712 | 2713 | 2714 | 2715 | 2716 | 2717 | 2718 | 2719 | 2720 | 2721 | 2722 | 2723 | 2724 | 2725 | 2726 | 2727 | 2728 | 2729 | 2730 | 2731 | 2732 | 2733 | 2734 | 2735 | 2736 | 2737 | 2738 | 2739 | 2740 | 2741 | 2742 | 2743 | 2744 | 2745 | 2746 | 2747 | 2748 | 2749 | 2750 | 2751 | 2752 | 2753 | 2754 | 2755 | 2756 | 2757 | 2758 | 2759 | 2760 | 2761 | 2762 | 2763 | 2764 | 2765 | 2766 | 2767 | 2768 | 2769 | 2770 | 2771 | 2772 | 2773 | 2774 | 2775 | 2776 | 2777 | 2778 | 2779 | 2780 | 2781 | 2782 | 2783 | 2784 | 2785 | 2786 | 2787 | 2788 | 2789 | 2790 | 2791 | 2792 | 2793 | 2794 | 2795 | 2796 | 2797 | 2798 | 2799 | 2800 | 2801 | 2802 | 2803 | 2804 | 2805 | 2806 | 2807 | 2808 | 2809 | 2810 | 2811 | 2812 | 2813 | 2814 | 2815 | 2816 | 2817 | 2818 | 2819 | 2820 | 2821 | 2822 | 2823 | 2824 | 2825 | 2826 | 2827 | 2828 | 2829 | 2830 | 2831 | 2832 | 2833 | 2834 | 2835 | 2836 | 2837 | 2838 | 2839 | 2840 | 2841 | 2842 | 2843 | 2844 | 2845 | 2846 | 2847 | 2848 | 2849 | 2850 | 2851 | 2852 | 2853 | 2854 | 2855 | 2856 | 2857 | 2858 | 2859 | 2860 | 2861 | 2862 | 2863 | 2864 | 2865 | 2866 | 2867 | 2868 | 2869 | 2870 | 2871 | 2872 | 2873 | 2874 | 2875 | 2876 | 2877 | 2878 | 2879 | 2880 | 2881 | 2882 | 2883 | 2884 | 2885 | 2886 | 2887 | 2888 | 2889 | 2890 | 2891 | 2892 | 2893 | 2894 | 2895 | 2896 | 2897 | 2898 | 2899 | 2900 | 2901 | 2902 | 2903 | 2904 | 2905 | 2906 | 2907 | 2908 | 2909 | 2910 | 2911 | 2912 | 2913 | 2914 | 2915 | 2916 | 2917 | 2918 | 2919 | 2920 | 2921 | 2922 | 2923 | 2924 | 2925 | 2926 | 2927 | 2928 | 2929 | 2930 | 2931 | 2932 | 2933 | 2934 | 2935 | 2936 | 2937 | 2938 | 2939 | 2940 | 2941 | 2942 | 2943 | 2944 | 2945 | 2946 | 2947 | 2948 | 2949 | 2950 | 2951 | 2952 | 2953 | 2954 | 2955 | 2956 | 2957 | 2958 | 2959 | 2960 | 2961 | 2962 | 2963 | 2964 | 2965 | 2966 | 2967 | 2968 | 2969 | 2970 | 2971 | 2972 | 2973 | 2974 | 2975 | 2976 | 2977 | 2978 | 2979 | 2980 | 2981 | 2982 | 2983 | 2984 | 2985 | 2986 | 2987 | 2988 | 2989 | 2990 | 2991 | 2992 | 2993 | 2994 | 2995 | 2996 | 2997 | 2998 | 2999 | 3000 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|

[illegible]

| CITY | TOTAL | WHITE | NEGRO |
|-----------------|----------|----------|-------|
| Caldwell..... | 1 | 1 | |
| Livingston..... | 1 | 1 | |
| Verona..... | 1 | 1 | |
| Total | 3 | 3 | |

| CITY | TOTAL | WHITE | NEGRO |
|----------------------------------|--------|-------|-------|
| TOTAL..... | * 6372 | 5856 | 516 |
| TOTAL NEW JERSEY.* 6372 5856 516 | | | |
| Asbury Park..... | | | |
| Atlantic City..... | | | |
| Bayonne..... | 74 | 71 | 3 |
| Belleville..... | 18 | 16 | 2 |
| Bergenfield..... | 27 | 27 | |
| Bloomfield..... | 23 | 23 | |
| Camden..... | | | |
| Carteret..... | 1 | 1 | |
| Cliffside Park..... | 17 | 17 | |
| Clifton..... | 154 | 154 | |
| Crandon..... | 2 | 2 | |
| Dover..... | 62 | 62 | |
| Dumont..... | 23 | 23 | |
| East Orange..... | 85 | 72 | 13 |
| East Paterson..... | 16 | 16 | 2 |
| Elizabeth..... | 42 | 40 | 2 |
| Englewood..... | 59 | 41 | 18 |
| Fair Lawn..... | 11 | 11 | |
| Fort Lee..... | 21 | 21 | |
| Garfield..... | 148 | 148 | |
| Hackensack..... | 121 | 105 | 16 |
| Harrison..... | 14 | 11 | 3 |
| Hawthorne..... | 20 | 20 | |

| CITY | TOTAL | WHITE | NEGRO |
|------------------------|-------|-------|-------|
| Hillside | 5 | 5 | |
| Hoboken | 66 | 64 | 2 |
| Irrington | 37 | 37 | |
| Jersey City | 345 | 323 | 22 |
| Kearny | 34 | 34 | |
| Linden | 6 | 6 | |
| Lodi | 50 | 50 | |
| Lyndhurst | 58 | 58 | |
| Madison | 23 | 20 | 3 |
| Maplewood | 15 | 15 | |
| Millburn | 3 | 3 | |
| Montclair | 51 | 29 | 22 |
| Morristown | 145 | 120 | 25 |
| Newark | 1566 | 1305 | 261 |
| North Arlington | 26 | 26 | |
| North Bergen | 30 | 30 | |
| North Plainfield | 1 | 1 | |
| Nutley | 14 | 14 | |
| Orange | 34 | 24 | 10 |
| Passaic | 348 | 336 | 12 |
| Paterson | 740 | 698 | 42 |
| Perth Amboy | 2 | 2 | |
| Phillipsburg | 2 | 2 | |
| Plainfield | 10 | 10 | |
| Pleasantville | | | |
| Rahway | 2 | 2 | |
| Red Bank | 1 | 1 | |

| CITY | TOTAL | WHITE | NEGRO |
|--------------------------------|-------|-------|-------|
| Ridgefield Park | 32 | 32 | |
| Ridgewood | 46 | 45 | 1 |
| Roselle | 5 | 5 | |
| Rutherford | 52 | 48 | 4 |
| South Orange | 20 | 17 | 3 |
| Summit | 12 | 12 | |
| Teaneck | 59 | 56 | 3 |
| Trenton | 1 | 1 | |
| Union City | 48 | 48 | |
| Union (Twp.) | 1 | 1 | |
| Verona | 2 | 2 | |
| Weehawken | 17 | 17 | |
| Westfield | 5 | 5 | |
| West New York | 27 | 27 | |
| West Orange | 20 | 16 | 4 |
| Woodbridge | 2 | 2 | |
| OTHER N. J. COM-MUNITIES | 1471 | 1426 | 45 |
| OUT OF STATE-TOTAL | | | |
| Delaware | | | |
| Maryland | | | |
| New York | | | |
| Pennsylvania | | | |
| Indiana | | | |
| Ohio | | | |

| | | |
|------------------------------------|-----------|----|
| OTHER N. J. COM- MUNITIES | 1471 1426 | 45 |
| OUT OF STATE - TOTAL | | |
| Delaware | | |
| Maryland | | |
| New York | | |
| Pennsylvania | | |
| Indiana | | |
| Ohio | | |

*Cities of 10,000 population or more. 1940 Census.

Total number from other Essex County communities.....28

List number and color in these communities on reverse side

*Includes 65 on temporary visit.

| CITY | TOTAL | WHITE | NEGRO |
|------------------|-------|-------|-------|
| Caldwell..... | 13 | 10 | 3 |
| Cedar Grove..... | 5 | 5 | |
| Livingston..... | 3 | 3 | |
| Glen Ridge..... | 4 | 4 | |
| Roseland..... | 1 | 1 | |
| Short Hills..... | 2 | 2 | |
| Total..... | 28 | 25 | 3 |

CITY OF NEW YORK, DEPARTMENT OF SOCIAL SERVICES, BUREAU OF CHILDREN

TABLE SHOWING IN DETAIL MANNER OF SUPPORT

June 30, 1951

| COUNTY | INDIGENT | | | ST. INDIGENT | | | PRIVATE | | | CONVICT | | | CRIMINAL | | | TOTAL | | |
|-----------------------|----------|-------|-------|--------------|-------|-------|---------|-------|-------|---------|-------|-------|----------|-------|-------|-------|-------|-------|
| | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total | Men | Women | Total |
| Atlantic..... | 464 | 633 | 1097 | 67 | 89 | 156 | 15 | 28 | 43 | | | | | | | 546 | 750 | 1296 |
| Bergen..... | | 1 | 1 | | | | | | | | | | | | | | 1 | 1 |
| Burlington..... | | 2 | 2 | | | | | | | | | | | | | | 2 | 2 |
| Camden..... | | 1 | 1 | | | | | | | | | | | | | | 1 | 1 |
| Cape May..... | | | | | | | | | | | | | | | | | | |
| Cumberland..... | 2 | | 2 | | | | | | | | | | | | | | | |
| Essex..... | 783 | 730 | 1513 | 185 | 198 | 383 | 25 | 54 | 79 | | | | | | | 2 | 994 | 982 |
| Gloucester..... | 214 | 218 | 432 | 113 | 104 | 217 | 19 | 41 | 60 | | | | | | | 346 | 364 | 710 |
| Hudson..... | | 1 | 1 | | | | | | | | | | | | | | 1 | 1 |
| Hunterdon..... | | | | | | | | | | | | | | | | | | |
| Mercer..... | 12 | 13 | 25 | | | | 1 | 2 | 3 | | | | | | | 3 | 2 | 5 |
| Middlesex..... | 4 | 9 | 13 | 3 | 3 | 6 | 1 | 1 | 2 | | | | | | | 12 | 14 | 26 |
| Monmouth..... | 243 | 229 | 472 | 48 | 41 | 89 | 3 | 23 | 26 | | | | | | | 7 | 11 | 18 |
| Morris..... | | 1 | 1 | | | | 1 | 1 | 2 | | | | | | | | 1 | 1 |
| Ocean..... | 582 | 631 | 1213 | 76 | 71 | 147 | 16 | 23 | 39 | | | | | | | 674 | 725 | 1399 |
| Passaic..... | | 1 | 1 | | | | | | | | | | | | | | 1 | 1 |
| Salem..... | | 2 | 2 | | | | | | | | | | | | | | 6 | 10 |
| Somerset..... | 33 | 25 | 58 | | | | 2 | 2 | 4 | | | | | | | 39 | 35 | 74 |
| Sussex..... | 26 | 71 | 97 | 5 | 5 | 10 | 6 | 5 | 11 | | | | | | | 33 | 87 | 120 |
| Union..... | | 2 | 2 | | | | 2 | 11 | 13 | | | | | | | | 2 | 3 |
| Warren..... | 53 | 53 | 106 | | | | | | | | | | | | | 53 | 53 | 106 |
| Sex Cases..... | | | | | | | | | | | | | | | | | | |
| Section II Cases..... | | | | | | | | | | | | | | | | | | |
| Babies..... | 1 | | 1 | | | | | | | | | | | | | 1 | | 1 |
| Total..... | 2428 | 2578 | 5006 | 500 | 514 | 1014 | 90 | 194 | 284 | | | | 1 | 2 | 3 | 3019 | 3288 | 6307 |

