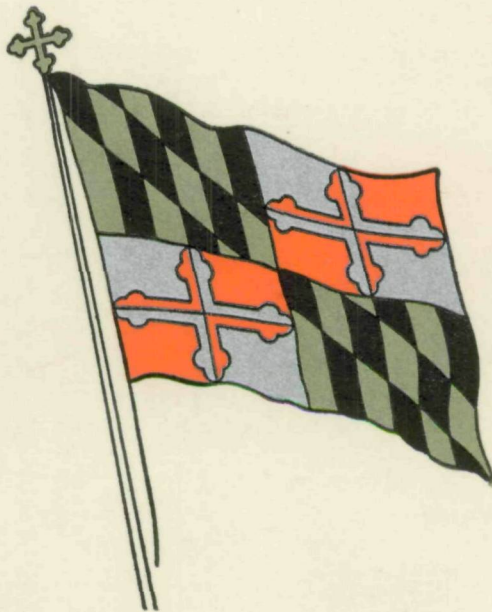


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HALL OF RECORDS
ANNAPOLIS, MARYLAND

Public Mental Health Program

Maryland - 1956



**PUBLIC AND PRIVATE HOSPITALS OF MARYLAND UNDER THE SUPERVISION
OF THE DEPARTMENT OF MENTAL HYGIENE**

The Division of Hospital Inspection and Licensure continually checks medical care, living conditions of patients, sanitation, public safety standards, commitment procedures and conducts frequent inspections of public and private mental hospitals to see that appropriate standards of patient care are maintained.

Hospital	Address	Administrator	Capacity*
Public			
Crownsville State Hospital	Crownsville, Md.	Dr. Ralph H. Meng, Supt.	1925
Eastern Shore State Hosp.	Cambridge, Md.	Dr. George Currier, Supt.	430
National Institute of Health	Bethesda, Md.	Dr. Robert Cohn, Director	90
Rosewood State Training School	Owings Mills, Md.	Dr. George Medairy, Supt.	1747
Springfield State Hospital	Sykesville, Md.	Dr. Robert Gardner, Supt.	2774
Spring Grove State Hospital	Catonsville, Md.	Dr. Isadore Tuerk, Supt.	2253
Sylvan Retreat	Cumberland, Md.	Mr. Raymond Messmer, Supt.	90
University of Maryland	Baltimore, Md.	Dr. Jacob Finesinger, Dir.	102
Private			
Athol	5002 Frederick Ave., Baltimore 29, Md.	Dr. Rachel Gundry, Med. Dir.	40
Brook Lane Farm	Hagerstown, Md.	Dr. Helmut Prager, Dir.	38
Cedarcroft Hospital and Sanitarium, Inc.	Silver Spring, Md.	Dr. Henry Andren, Med. Dir.	60
Chestnut Lodge	Rockville, Md.	Dr. Dexter Bullard, Med. Dir.	80
Henry Phipps Psychiatric Clinic	Baltimore, Md.	Dr. John C. Whitehorn, Med. Dir.	94
Laurel Sanitarium	Laurel, Md.	Dr. Jesse Coggins, Med. Dir.	90
Pinecrest Sanitarium	6008 Chapel Gate Lane, Baltimore 29; Md.	Mr. Hammond Dorsey	24
Riggs Cottage	Ijamsville, Md.	Dr. Joseph Lerner, Med. Dir.	30
Seton Institute	6420 Reisterstown Rd., Baltimore 15, Md.	Dr. Leo Bartemeier, Med. Dir.	320
Sheppard & Enoch Pratt Hospital	Towson, Md.	Dr. Harry Murdock, Med. Dir.	250
Taylor Manor (formerly Pinel)	Ellicott City, Md.	Dr. Irving Taylor, Med. Dir.	85
Mental Defective			
Bell Home	6403 Ager Road West Hyattsville, Md.	Mrs. Thelma Bell	10
Guymes Home	3304 Lancer Drive West Hyattsville, Md.	Mrs. Flora Guymes	5
Hinkson Home	512 Elm Avenue, Takoma Park 12, Md.	Mrs. Ella Hinkson	3
Marine Home	Landover, Md.	Miss Edna Marine	8
Tipahato	Blue Ridge Summit, Md.	Mr. George Byrne	23

*Capacity figures are subject to fluctuation.

792611

State of Maryland
DEPARTMENT OF MENTAL HYGIENE
ANNUAL REPORT
1956



CLIFTON T. PERKINS, M.D.
Commissioner

Honorable Theodore R. McKeldin
Governor of Maryland
Annapolis, Maryland

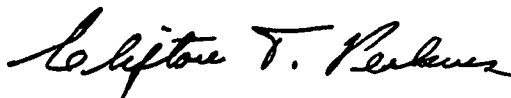
Dear Governor McKeldin:

How the Department of Mental Hygiene executes the public trust imposed upon it under the laws and regulations governing public mental care in Maryland is set forth in Public Mental Health Program, Maryland 1956. We have the honor of submitting this publication to you as our annual report.

The report is a statement of program and performance in the various facets of our departmental structure. Each performative statement is supported by statistics showing what has been accomplished in 1955 and what may be projected for 1956 and 1957. These statistics reveal the close parallel between appropriated funds and improved treatment and facilities for patients entrusted to our care.

We wish to express our appreciation of your help and encouragement, as well as to acknowledge with thanks the invaluable assistance of the Advisory Board and the Board of Review in solving the problems incident to our progress.

Respectfully,

A handwritten signature in cursive script, reading "Calhoun T. Perkins".

Commissioner

PROGRESS SUMMARY 1950-1955

Department of Mental Hygiene

A brief backward glance over the last five years will reveal that Maryland each year is providing more humane care and more efficient management of services to the mentally ill who require treatment in its public hospitals.

The operating cost for the Department in 1950 was \$7,883,861

The average number of patients in residence was 8,960

The operating cost for the Department in 1955 was \$13,751,585

The average number of patients in residence was 11,081

The total appropriations for capital expenses since 1950 have been \$19,099,835

These increased appropriations are reflected in improved services which have been recognized by national boards of accreditation for our hospitals and for our professional nurse education. Systematic instruction in the fields of psychiatry, psychology, social work and rehabilitation therapy has developed. Courses have been catalogued and leading universities send students here for graduate training or field work.

The substantial strides to be noted in these areas are:

Medical Training

1. Accreditation has been granted to the following hospitals for approved training of psychiatric residents:—
 - (a) Spring Grove—three years.
 - (b) Springfield—two years.
 - (c) Crownsville—one year.
2. Rosewood, Springfield and Spring Grove have been authorized by the Department of State to receive foreign students under the International Exchange Service.

Nurse Training

1. Four of the hospitals have approval for practical nurse schools and the fifth hospital has approval for a school for psychiatric aides.
2. Three of the hospitals are accredited and approved for affiliations for professional nurses. These programs are available to all schools of nursing in Maryland as well as in the other 16 southern states.

Psychology Training

1. Four of the hospitals have been accepted for psychology internship training. The fifth hospital is now inaugurating a similar program.

Social Service

1. Four hospitals have been accepted by various universities for field work leading to a Master's degree. One of these hospitals has also been accepted for field work leading to a Doctorate degree.

Research

1. Investigations carried on in the hospitals embrace clinical and non-clinical studies on such subjects as immunology, electroencephalography, psychological techniques, neuropathology, drug therapy, statistics, sociology, etc.
2. Cooperative enterprises are in progress in connection with the following research centers: Johns Hopkins School of Public Health, the University of Maryland and the National Institute of Mental Health.
3. Spring Grove State Hospital has established its own research department with its own director of research. This department devotes its energies exclusively to experimental and clinical investigations.

The Newer Drugs

1. More than 3500 patients have been treated with the newer drugs. At present 2500 patients are under treatment in the hospitals, or 22% of the hospitalized population is under this special basic therapy.
2. Under the current budget for the 1957 fiscal year \$114,844 has been allotted the newer drugs. This will permit the extension of drug therapy to 3300 patients.

Community Relations

1. All five hospitals have organized and accepted Auxiliaries which conform to the purposes of similar auxiliaries in voluntary hospitals of the American Hospital Association, and give the counterpart of service heretofore provided for the physically sick of the community. These Auxiliaries in turn have formed a federation known as the Council of Women's Auxiliaries. This type of organization of auxiliaries and council is unique in the forty-eight states.
2. The brochure captioned A NEW LIFE, issued in 1952 and showing pictorially a patient's progress through a State mental hospital, was selected by the National Association of Mental Health in 1955 for national publication under its auspices.
3. The Eastern Shore State Hospital Auxiliary was one of fifteen auxiliaries which received special recognition from the American Hospital Association at its annual convention in 1955.

OBJECTIVES

The Department of Mental Hygiene is organized and operated under Article 59 of the Annotated Code of Maryland (1951 Edition). The Department has the responsibility to provide humane, adequate and efficient care and treatment for those who are mentally handicapped and ill and committed to it; to expedite the prompt application of the most modern and efficient treatment methods; to improve the techniques available; and to facilitate the readjustment of treated persons back to the community, with adherence to pertinent statutes and maximum efficiency in the use of resources available to it. This program is executed principally in the four State Hospitals; Spring Grove, Springfield, Crownsville and Eastern Shore, and in the State Training School, Rosewood.

The Department insures compliance with the laws governing the detention, government and management of the mentally ill and provides for supervision of conditions and maintenance in all places in which they are confined or treated. Similar supervisory functions are extended through investigation, periodic examinations and licensure to all institutions within the State treating and caring for the mentally ill, other than those within the Department of Mental Hygiene itself, whether publicly, corporately or privately maintained.

SUMMARY OF DEPARTMENT OF MENTAL HYGIENE

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Total Number of Authorized Positions.....	3,281	3,458	3,607
Salaries and Wages of Employees.....	9,729,286	10,231,141	10,891,552
Technical and Special Fees.....	93,379	91,362	105,415
Operating Expenses	3,928,916	4,555,830	4,664,268
Total General Fund Appropriation.....	13,763,468		
Less: General Fund Reversion.....	22,540		
Net Total General Fund Expenditure.....	13,740,928	14,878,333	15,661,235
Add: Special Fund Expenditure.....	10,653		
Total Expenditure	13,751,581		
Capital Funds:			
Appropriation	1,735,050	1,586,750	586,613

SUMMARY OF DEPARTMENT OF MENTAL HYGIENE— HEADQUARTERS

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Total Number of Authorized Positions.....	51	51	51
Salaries and Wages of Employees.....	237,939	261,506	260,340
Technical and Special Fees.....	27	100	380
Operating Expenses	41,806	52,727	54,519
Original General Fund Appropriation.....	320,497		
Transfer of General Fund Appropriation.....	—35,775		
Total General Fund Appropriation.....	284,722		
Less: General Fund Reversion.....	4,950		
Net Total General Fund Expenditure....	279,772	314,333	315,239

DEPARTMENT OF MENTAL HYGIENE

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Capital Funds:			
Appropriation		950,000	

GENERAL ADMINISTRATION—HEADQUARTERS

Program and Performance:

To assure uniformly high levels of treatment and care for the mentally ill of Maryland, effective and progressive preventive measures, and proper emphasis on advancement of knowledge of mental illness, responsibility for correlation, supervision and execution of activities within all hospitals, clinics and other facilities of the agency is exercised by the Commissioner of Mental Hygiene through the Central Office of the Department of Mental Hygiene.

The major divisions within the organization of the Central Office report directly to the Commissioner. They "advise, consult with and direct the staffs of the several State institutions, concerning personnel and public relations, budget and accounting, procurement, farm management, and engineering and maintenance; advise, consult with and direct the staffs of the several State institutions concerning psychiatric services, nursing, rehabilitation, social work, and food supervision", encourage research which stimulates the quality of treatment methods and encourages continuing growth of professional staffs; provide consultant legal services; and execute periodic inspections and licensure provisions, which maintain adequate medical and administrative standards throughout all places in the State receiving or treating the mentally ill.

The general administration program of the Central Office screens purchases; directs and correlates personnel policies; disseminates pertinent information pertaining to mental illness to facilitate the readjustment of treated patients back into the community; supervises in-service training of department personnel; collects and tabulates statistics relative to patient movement; maintains accounting and clerical records on a State-wide basis which contribute to efficient policy determinations; and provides executive direction for the entire agency.

In spite of improving treatment methods the number of persons requiring treatment and care for mental handicaps or illness rises as the population of Maryland grows.

The Central Office of the Department is located at 2218 North Charles Street, Baltimore.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1952		ACTUAL 1953		ACTUAL 1954		ACTUAL 1955		ESTIMATED 1956		ESTIMATED 1957	
	Number	Percent	Number	Increase	Number	Increase	Number	Increase	Number	Increase	Number	Increase
Admissions	2,549		3,242	27.2	3,555	9.7	3,766	5.9				
Admissions Per 100,000 General Population.....	104.1		129.7	24.6	139.6	7.6	144.9	3.8				
Percent 1st Admissions (All Hospitals)	67		68		70		66					
Mentals Only	66		65		68		65					
Readmissions	673		874	29.9	968	10.8	1,071	10.6				
Deaths and Discharges.....	2,033		2,602	28.0	2,727	4.8	3,297	20.9				
Per 1,000 on Books.....	179		218		220		248					
As Percent of Admissions..	80		80		77		88					
Discharges, incl. Transfers	1,502		1,890	25.8	2,082	10.2	2,525	21.3				
Deaths	531		712	34.1	645	9.4	772	19.7				
Net Releases	1,501		1,964	30.8	2,265	15.3	2,628	16.0				
Per 100 Admissions	59		61		64		70					
Paroled During Year	5,285		7,428		8,990		9,506					
Percent Book Population On Parole	14.8		15.0	1.4	15.7	4.7	16.6	5.7				
Paroles Per Year Per 1,000 Resident Patients....	547		731	33.6	842	15.2	858	1.9				
Average In-Patient Population	9,675		10,161	5.0	10,674	5.0	11,081	3.8	11,442	3.3	11,803	3.2
Per 100,000 General Population	401.7		411.6		419.1		426.4		431.7		436.5	

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	26	26	26
01 Salaries and Wages of Employees.....	109,968	122,465	118,803
03 Communication	5,024	5,765	5,280
04 Travel	2,054	1,925	1,900
07 Motor Vehicle Operation and Maintenance	3,167	2,640	2,837
08 Contractual Services	3,178	2,666	2,604
09 Supplies and Materials.....	3,461	2,950	2,960
10 Equipment—Replacement	1,615	1,050	2,130
11 Equipment—Additional	20	621	1,038
13 Fixed Charges	13,897	13,870	13,935
Total Operating Expenses.....	32,416	31,487	32,684
Total Expenditure	142,384	153,952	151,487
Original General Fund Appropriation.....	182,084		
Transfer of General Fund Appropriation	—35,769		
Total General Fund Appropriation.....	146,315		
Less: General Fund Reversion.....	3,931		
Net General Fund Expenditure.....	142,384	153,952	151,487

Budget Bill Text:

10.03.01.01 General Administration			
General Fund Appropriation.....			151,487

DIETARY SERVICES—HEADQUARTERS

Program and Performance:

This program provides for the coordination and functional supervision of food service for patients and employees in the five mental hospitals; development of procedures guiding the food service program at each hospital, including staffing patterns, standards of performance, processes of preparation and serving, sanitation, procurement of supplies including equipment, design of facilities, distribution, and waste control; instruction of dietary services in records and reports, storage, ration control; inservice training; inspection and evaluation of food service operations; conferences with medical staff and dietitians regarding technical and administrative problems of food service.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	6,008	6,016	6,323
04 Travel	511	518	540
13 Fixed Charges			6
Total Operating Expenses.....	511	518	546
Total Expenditure	6,519	6,534	6,869
Total General Fund Appropriation.....	6,526		
Less: General Fund Reversion.....	7		
Net General Fund Expenditure.....	6,519	6,534	6,869

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.01.02 Dietary Services
 General Fund Appropriation..... 6,869

HOUSEHOLD AND PROPERTY SERVICES—HEADQUARTERS

Program and Performance:

This Program includes supervision of engineering and maintenance at Central Office, including light, heat, power, janitorial service, alterations and those mechanical services not included in the lease.

It also includes: liaison between central office, and other State agencies in discussion of the preparation of plans, specifications and cost data for the erection of new institutional buildings; and at the institutions, supervision of the repair and maintenance of presently occupied buildings and the functional supervision of all power, water and sewage plants and services and of all maintenance and utility personnel.

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	3	3	3
01 Salaries and Wages of Employees.....	9,990	10,163	10,822
04 Travel	55	75	75
06 Fuel	852	984	1,150
07 Motor Vehicle Operation and Maintenance	375	384	400
08 Contractual Services	2,312	2,760	2,532
09 Supplies and Materials.....	180	125	175
13 Fixed Charges .....	.....	10	.....
Total Operating Expenses.....	3,774	4,338	4,332
Total Expenditure	13,764	14,501	15,154
Original General Fund Appropriation.....	15,328		
Transfer of General Fund Appropriation	-975		
Total General Fund Appropriation.....	14,353		
Less: General Fund Reversion.....	589		
Net General Fund Expenditure.....	13,764	14,501	15,154

Budget Bill Text:

10.03.01.03 Household and Property Services
 General Fund Appropriation..... 15,154

MEDICAL CARE OF PATIENTS—HEADQUARTERS

Program and Performance:

The principal effort of this program is to advise, consult and direct the hospital programs involving medical care of patients.

The Division of Clinics supervises and directs clinics in the Department. Early examination, supervision and treatment may help a number of mentally ill people to remain in the community and often prevents hasty and sometimes needless hospitalization of individuals.

DEPARTMENT OF MENTAL HYGIENE

The Division of Correctional Psychiatry is responsible for: supervision and consideration of all activities concerning admissions, treatment and discharge of patients committed to the criminal divisions of the state mental hospitals; pre-trial examinations and reports on non-committed individuals charged with criminal offenses under Sections 6, 8 and 10, Article 59; court appearances to give testimony; examinations and reports requested by the Department of Correction under Article 59, Section 42; examinations and reports on persons in penal institutions at the request of the Department of Parole and Probation; and assistance upon request to correctional and law enforcing agencies on matters pertaining to mental hygiene.

The Division of Hospital Inspection and Licensure continually checks medical care, living conditions of patients, sanitation, public safety standards, commitment procedures and conducts frequent inspections of public and private mental hospitals to see that appropriate standards of patient care are maintained.

The Division of Neuropathology and Legal Medicine supervises all hospital laboratories, coordinates their work and performs their pathologic anatomy, including histology, and is responsible for all medico-legal cases. This program is carried on at the department's central Anatomic Laboratory. Consultant service for legal and other agencies is provided.

The Division of Nursing Services advises, consults, and directs the activities of the hospital and nursing services.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	10	10	10
01 Salaries and Wages of Employees.....	58,258	63,065	61,012
04 Travel	711	875	840
07 Motor Vehicle Operation and Maintenance	1,000	1,723	1,590
08 Contractual Services	110	125	150
09 Supplies and Materials.....	734	550	700
11 Equipment—Additional	20	.....	.....
13 Fixed Charges	36	10	110
Total Operating Expenses.....	2,611	3,283	3,390
Total Expenditure	60,869	66,348	64,402
Original General Fund Appropriation.....	46,237		
Transfer of General Fund Appropriation	14,649		
Total General Fund Appropriation.....	60,886		
Less: General Fund Reversion.....	17		
Net General Fund Expenditure.....	60,869	66,348	64,402
Capital Funds:			
Appropriation		950,000	

Budget Bill Text:

10.03.01.04 Medical Care of Patients	
General Fund Appropriation.....	64,402

DEPARTMENT OF MENTAL HYGIENE

REHABILITATION AND RECREATION OF PATIENTS—HEADQUARTERS

Program and Performance:

This program provides for direction, coordination and the planning of the non-medical aspects of rehabilitation for all state mental hospitals. These patient-services include education, recreational therapy, occupational therapy, music therapy, industrial therapy and related therapies. It surveys current rehabilitation therapy practices and recommends appropriate changes to the respective hospitals; recruits and provides training for rehabilitation therapists and aides and assists in the coordination of the rehabilitation therapies with departments within the hospital and cooperating community agencies.

Performance 1955: There was only a slight quantitative increase in rehabilitation therapy services in occupational therapy and recreational therapy, although with added experience and in-service training, these programs have qualitatively improved; music therapy and industrial therapy have now been integrated into all hospital rehabilitation programs.

The 1956 supervisory emphasis will continue to be placed on coordinating rehabilitation departments with other departments of the hospital; the development of the potentiality of sub-professional personnel through in-service training and revising the curriculum of the school for mentally defectives.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	3,242	5,055	6,021
04 Travel	130	300	200
13 Fixed Charges	13	15	15
Total Operating Expenses.....	143	315	215
Total Expenditure	3,385	5,370	6,236
Original General Fund Appropriation.....	6,561		
Transfer of General Fund Appropriation	—3,108		
Total General Fund Appropriation.....	3,453		
Less: General Fund Reversion.....	68		
Net General Fund Expenditure.....	3,385	5,370	6,236

Budget Bill Text:

10.03.01.05 Rehabilitation and Recreation of Patients	
General Fund Appropriation.....	6,236

SOCIAL SERVICES—HEADQUARTERS

Program and Performance:

The social services program integrates the resources of the hospitals with those of the community and provides help to patients and their families with social problems which arise out of the patient's illness and need for hospitalization. Case work assistance is offered chiefly at the time of the patient's admission to the hospital; prior to his release; during out-patient treatment and readjustment in the community or while in foster care. A total of 5,787 patients and their families were given help. The year ended with 409 patients in foster care, a gain of 60 over the previous year. The daily average number in care was 375.

Student case work affiliations exist with Atlanta University, Catholic University of America, Howard University, University of North Carolina and the University of Pennsylvania Schools of Social Work. The program is also approved for the field work training of doctoral students in the field of psychiatric social work.

DEPARTMENT OF MENTAL HYGIENE

A cooperative research project is sponsored jointly with the University of Pennsylvania School of Social Work, to conduct a series of pilot studies on sociological and psychological aspects of hospitalization as they affect patient movement in, through and out of the hospital.

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	2	2	2
01 Salaries and Wages of Employees.....	12,328	11,966	12,344
04 Travel	269	200	275
13 Fixed Charges	99	65	95
Total Operating Expenses.....	368	265	370
Total Expenditure	12,696	12,231	12,714
Original General Fund Appropriation.....	12,895		
Transfer of General Fund Appropriation	—170		
Total General Fund Appropriation.....	12,725		
Less: General Fund Reversion.....	29		
Net General Fund Expenditure.....	12,696	12,231	12,714

Budget Bill Text:

10.03.01.06	Social Services	
	General Fund Appropriation.....	12,714

EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— HEADQUARTERS

Program and Performance:

The various aspects of the training program proceeded uninterruptedly as planned. Due to the fact that the vacancies of Director of Psychiatric Education at both Rosewood State Training School and Springfield State Hospital have not been filled, it is anticipated that this may be reflected in the training program at the hospital level.

Instruction in neuroanatomy, neurophysiology and neuropathology for residents continues to be given at Spring Grove State Hospital, while basic psychiatry and allied subjects are offered at Springfield State Hospital. Outpatient psychotherapy and child psychiatry are taught chiefly at the Psychiatric Institute. Medical students from The Johns Hopkins University receive clinical instruction at Rosewood State Training School and Spring Grove State Hospital, while those from the University of Maryland receive instruction at Springfield and Spring Grove State Hospitals. In addition to Spring Grove State Hospital, which is accredited for three-years residency in psychiatry and Springfield State Hospital for two-years, Crownsville State Hospital is now added to the list with one-year accreditation. Eastern Shore State Hospital will soon be added to those that offer internships in clinical psychology for students matriculated in a Ph.D. program. Eastern Shore State Hospital joins the other hospitals in offering field work for social work students working toward a Master's degree. Springfield State Hospital continues to be the only hospital offering field work leading to the doctorate. All programs in practical nursing are approved by the Maryland State Board of Nurse Examiners. Spring Grove State Hospital continues to offer its course for psychiatric aides. Through affiliation with schools offering professional nursing Crownsville, Springfield and Spring Grove State Hospitals offer three-months training for student nurses. Formal instruction of four-weeks in the rehabilitation therapies offered by the Department of Mental Hygiene is supplemented by eleven-months practical training at the hospitals. This course was not given in the fiscal year 1955.

DEPARTMENT OF MENTAL HYGIENE

Number of Trainees and Number of Class Hours of Instruction—1955

(In-Service training for attendants, medical students and externes not included)

	Crownsville		Eastern Shore		Rosewood		Springfield		Spring Grove		Total	
	Number	Hours	Number	Hours	Number	Hours	Number	Hours	Number	Hours	Number	Hours
Affiliate Nursing†.....	52	414	....	....	....	....	155	645	54	459	261	1,518
Practical Nursing.....	33	698	10	925*	25	760†	24	697	....	....	92	3,080
Psychiatric Aide.....	....	....	....	....	....	....	....	....	31	715	31	715
Psychology Intern.....	3	937	....	....	1	423	5	960	2	328	11	2,648
Resident Training.....	....	....	....	....	....	....	7	1,517	11	906	18	2,423
Social Service.....	5	252	....	....	....	....	7	426	5	....	17	678
Total.....	93	2,301	10	925	26	1,183	198	4,245	103	2,408	430	11,062

* Includes six weeks training in psychiatric nursing for Rosewood practical nurse students.

† Includes six weeks training in pediatric nursing for all practical nurse students.

‡ Add 50% for clinical teaching.

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	3	3	3
01 Salaries and Wages of Employees.....	22,170	21,483	22,730
02 Technical and Special Fees.....	27	100	100
04 Travel	735	540	625
07 Motor Vehicle Operation and Maintenance	194	281	215
08 Contractual Services	250	500	145
09 Supplies and Materials.....	112	850	805
11 Equipment—Additional	24	160	75
12 Grants, Subsidies and Contributions.....	.....	8,000	8,000
13 Fixed Charges	24	100	64
Total Operating Expenses.....	1,339	10,431	9,929
Total Expenditure	<u>23,536</u>	<u>32,014</u>	<u>32,759</u>
Original General Fund Appropriation.....	24,987		
Transfer of General Fund Appropriation	—1,205		
Total General Fund Appropriation.....	23,782		
Less: General Fund Reversion.....	246		
Net General Fund Expenditure.....	<u>23,536</u>	<u>32,014</u>	<u>32,759</u>

Budget Bill Text:

10.03.01.07 Education and Training of Professional Personnel	
General Fund Appropriation.....	32,759

RELIGIOUS AND COMMUNITY SERVICES—HEADQUARTERS

Program and Performance:

The program for religious and community services gives patients the reassurance that their right to worship in the religion of their choice and that their privilege of friendly contact with their fellowmen have not been abridged. Both the religious and secular aspects of the program rely almost entirely upon the participation of volunteer workers.

It surveys the religious programs in the several hospitals to provide each patient an equal opportunity for worship and religious counseling and it promotes Department-wide community participation through the coordination and expansion of volunteer services. A Woman's Auxiliary with uniform aims and responsibilities has been organized in each hospital to ensure patients of a continuing interest in their welfare.

Statistics reveal that ordained clergymen and Seminarians supported the religious program with 175 hours of volunteer service each week in general pastoral duties. Members of 653 community organizations and 1,393 volunteers gave 150 days of service each week in intra and extra mural activities to promote the happiness of patients and to supplement care and treatment programs. Gifts, including equipment and expendable materials in the value of \$110,338 were distributed.

It is anticipated that the religious program will increase under the aegis of chaplain-consultants who will explore community resources not yet participating. The volunteer program will advance under the impetus of planned recognition of the services of volunteer workers and with the expansion of Auxiliary projects.

DEPARTMENT OF MENTAL HYGIENE

In addition to the public information disseminated through volunteer workers in 1955, an average of 65 major and minor news-releases concerning the Department activities and progress appeared in the public press. "A New Life", a booklet showing pictorially the progress of a patient through a State mental hospital, has been re-issued to supply the public requests.

A wider distribution of news will be realized with the publication of an Auxiliaries News-Letter, and pamphlets for the information of volunteers. Two major publications are anticipated—an Annual Report and a quarterly bulletin of public information dedicated to the advancement of mental health.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	5,115	4,934	5,115
02 Technical and Special Fees.....	.....	.....	280
04 Travel	46	50	160
08 Contractual Services .....	.....	675	1,762
11 Equipment—Additional .....	.....	175	15
13 Fixed Charges .....	.....	15	75
Total Operating Expenses.....	46	915	2,012
Total Expenditure	5,161	5,849	7,407
Original General Fund Appropriation.....	50		
Transfer of General Fund Appropriation	5,115		
Total General Fund Appropriation.....	5,165		
Less: General Fund Reversion.....	4		
Net General Fund Expenditure.....	5,161	5,849	7,407

Budget Bill Text:

10.03.01.08 Religious and Community Services
 General Fund Appropriation..... 7,407

RESEARCH—HEADQUARTERS

Program and Performance:

During the fiscal year 1955 the following three papers were completed:

1. Lesions of the Corpus Callosum Following Blunt Mechanical Trauma to the Head.
2. The Significance of the Vascular Supply in the Type and Location of Central Nervous System Lesions.
3. Compression of Brain Arteries as Pathogenetic Factor for Tissue Necroses and Their Areas of Predilection.

For the fiscal year 1956 the following projects will be continued:

1. The Cortical Contusion Foci.
2. Distribution of Primary Traumatic Lesions in the Brain as Related to Impact Direction and Blunt Head Injuries.
3. The Pathology of Blunt Head Injuries in Infants and Children.
4. The Significance of the Rate of Development of Anoxia in Determining the Type of Tissue Necrosis in the Brain.

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	3	3	3
01 Salaries and Wages of Employees.....	4,061	9,536	10,014
04 Travel .....	.....	75	75
08 Contractual Services	43	300	150
09 Supplies and Materials.....	139	700	700
11 Equipment—Additional	316	.....	.....
Total Operating Expenses.....	498	1,075	925
Total Expenditure	4,559	10,611	10,939
Original General Fund Appropriation.....	18,930		
Transfer of General Fund Appropriation	—14,312		
Total General Fund Appropriation.....	4,618		
Less: General Fund Reversion.....	59		
Net General Fund Expenditure.....	4,559	10,611	10,939

Budget Bill Text:

10.03.01.09 Research	
General Fund Appropriation.....	10,939

FARM OPERATION AND MAINTENANCE—HEADQUARTERS

Program and Performance:

The farming activities of the Department of Mental Hygiene are coordinated and supervised by this program. This includes our five institution farms and Central Farm. The farms produce pasteurized milk, beef, pork, poultry, eggs, vegetables and fruits for our institutions. The farm production of edible food is scheduled for each farm and the usage is planned with the food service departments. Routine farm operations are inspected and supervised and any extra assistance needed is worked out through our administrative departments and other cooperating state agencies. A proper balance has to be maintained in farm labor, farm facilities, livestock inventories and operating funds to keep the farms operating on a uniform production schedule. When the proper ratios are kept, the efficiency of farm operations is standardized and in some instances increased.

Farm records are being kept on a system set up by this department. These records are useful in planning yearly operations and annual operating budgets. The farm superintendents now have basic information for planning farm operations and keeping production costs to a minimum.

Institution patients participate in farming activities. Their assignments are based on the recommendations of the medical and rehabilitation services. The present schedule of placement of patients is based on an orientation system in which patients are moved from one assignment to another within the medical and operating services of the respective institutions.

There have been some changes in farm production schedules during the past two years due to relocation of farm colonies to centralized farming areas. All of these facilities should be completed and put into operation during the fall of 1955. The production of edible food and farm operating expenses are now being set at definite levels. Any future changes anticipated are based on institutional requirements of farm land for new institutional facilities.

Labor turnover allowances, the replacement of farm equipment and general operating fund allowances are factors which might change farm production schedules and the profit in farming operations.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Value of Edible Food Produced.....	\$544,730	\$549,464	\$591,492	\$588,434
Value of other farm income.....	11,361	12,221	7,200	11,400
Value of all farm income.....	\$556,091	\$561,685	\$598,692	\$599,834
Cost of operating farms.....	\$457,226	\$470,940	\$474,012	\$495,838
Difference in Inventory (Livestock and Supplies)	+\$5,086	+\$6,180	none	+\$5,000
Net profit in farming operations.....	\$103,951	\$96,925	\$124,680	\$108,996
Average number of patients on farm assignments	147	143	140	137
Percent of institution food produced on farms	24	24.5	21.6	21.6

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	6,799	6,823	7,156
04 Travel	76	100	100
08 Contractual Services	24	.....	.....
13 Fixed Charges .....	.....	.....	16
Total Operating Expenses.....	100	100	116
Total Expenditure	6,899	6,923	7,272
Net General Fund Expenditure.....	6,899	6,923	7,272

Budget Bill Text:

10.03.01.10 Farm Operation and Maintenance	
General Fund Appropriation.....	7,272

FARM OPERATION AND MAINTENANCE—CENTRAL FARM

Program and Performance:

This institutional dairy farm was established in Howard County in 1951. The foundation herd consisted of the dairy herds transferred from Rosewood, Springfield and Spring Grove. The present herd consists of the animals left from these herds plus replacements which have been raised or purchased from livestock receipts. The pasteurized milk produced is delivered to the three institutions from which the dairy herds were transferred.

Central Farm comprises 922 acres of land. At the present time, 430 acres of crop land are used for producing feed for the herd, 335 acres in pastures are used for grazing, 152 acres are in woodland and watercourses, and farm buildings and residences occupy a space of 5 acres.

The Central Farm is a self-contained unit. Milk production and transportation expenses plus overhead maintenance expenses for buildings and residences are provided for in the annual operating budgets. The cash income from milk sales to institutions plus rent collections and miscellaneous income is deposited and returned to the General Funds of the State.

At the present time, the inventory of the Central Farm herd consists of 489 dairy animals. There are 4 bulls, 277 cows and 72 calves and young stock at Central Farm. The balance of the herd consisting of 136 heifers, raised for replacements, are located at the Springfield State Hospital farm. The Springfield facilities have been used for this purpose because buildings and excellent pastures were available after the milking herd was transferred. These facilities are now being fully utilized.

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The cost of producing milk includes (1) production and delivery costs, (2) the overhead maintenance expense of buildings and residences, (3) the actual cost of the Springfield operation—although this expense is budgeted at Springfield.

	PRODUCTION & DELIVERY COST	OVERHEAD COST	CENTRAL FARM COSTS	SPRINGFIELD COSTS	TOTAL COSTS
1954	48.7¢ gal.	3.3¢ gal.	52.0¢ gal.	2.9¢ gal.	54.9¢ gal.
1955	53.2¢ gal.	3.4¢ gal.	56.6¢ gal.	2.9¢ gal.	59.5¢ gal.

The increased cost of 4.6¢ per gallon for producing milk in 1955 was due to a lower inventory of cows and a resultant loss of production and a lower tonnage of farm-produced feed due to the drought which made it necessary to purchase feed replacements at a higher price.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Average Number Cows in herd.....	294	283	275	300
Milk sold, gallons.....	307,089	293,811	292,800	317,550
Price allowance per gallon.....	68¢	68¢	68¢	68¢
Milk Receipts to General Funds....	\$208,821	\$199,791	\$199,104	\$215,934
Other Income to General Funds....	\$4,735	\$4,884	\$4,916	\$4,800
Total Income to General Funds....	\$213,556	\$204,675	\$204,020	\$220,734
Value of Production				
D. M. H. transferred.....	none	\$1,022	none	none
Total Value of all farm production	\$213,556	\$205,697	\$220,734	\$220,734
Annual Production Value per employee	\$8,213	\$7,911	\$8,490	\$8,490

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	26	26	26
01 Salaries and Wages of Employees.....	73,894	77,185	76,460
02 Technical and Special Fees.....	1,455	1,500	1,500
03 Communication	490	550	500
04 Travel .....	.....	50	50
06 Fuel	3,549	3,645	3,400
07 Motor Vehicle Operation and Maintenance	3,455	4,000	3,625
08 Contractual Services	7,620	7,175	7,960
09 Supplies and Materials.....	71,638	70,190	69,200
10 Equipment—Replacement	415	3,400	2,880
11 Equipment—Additional	610	225	1,690
13 Fixed Charges	45	50	50
14 Land and Structures.....	491	725	700
Total Operating Expenses.....	88,313	90,010	90,055
Total Expenditure	163,662	168,695	168,015
Original General Fund Appropriation.....	151,128		
Transfer of General Fund Appropriation	4,500		
Net General Fund Expenditure.....	155,628	168,695	168,015
Add: Special Fund Expenditure.....	8,034		
Total Expenditure	163,662		

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	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Special Fund Income:			
Sale of Livestock.....	9,138		

Budget Bill Text:			
10.03.02.01 Farm Operation and Maintenance			
General Fund Appropriation.....			168,015

SUMMARY OF MENTAL HOSPITALS

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Total Number of Authorized Positions.....	3,204	3,381	3,530
Salaries and Wages of Employees.....	9,417,453	9,892,450	10,554,752
Technical and Special Fees.....	91,897	89,762	103,535
Operating Expenses	3,798,797	4,413,093	4,519,694
Original General Fund Appropriation.....	13,291,843		
Transfer of General Fund Appropriation.....	31,275		
Total General Fund Appropriation.....	13,323,118		
Less: General Fund Reversion.....	17,590		
Net Total General Fund Expenditure.....	13,305,528	14,395,305	15,177,981
Add: Special Fund Expenditure.....	2,619		
Total Expenditure	13,308,147		
Capital Funds:			
Appropriation	1,735,050	636,750	586,613

SUMMARY OF CROWNSVILLE STATE HOSPITAL

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Total Number of Authorized Positions.....	689	737	744
Salaries and Wages of Employees.....	2,002,238	2,089,548	2,263,286
Technical and Special Fees.....	16,800	7,320	10,505
Operating Expenses	819,067	878,467	926,259
Original General Fund Appropriation.....	2,787,148		
Transfer of General Fund Appropriation.....	54,915		
Total General Fund Appropriation.....	2,842,063		
Less: General Fund Reversion.....	6,577		
Net Total General Fund Expenditure.....	2,835,486	2,975,335	3,200,050
Add: Special Fund Expenditure.....	2,619		
Total Expenditure	2,838,105		
Capital Funds:			
Appropriation	750,000	265,650	20,000

DEPARTMENT OF MENTAL HYGIENE

GENERAL ADMINISTRATION—CROWNSVILLE STATE HOSPITAL

Program and Performance:

The hospital, which is located in Anne Arundel County, approximately eight miles northwest of Annapolis, was established in 1910 to serve the Negro population of the State. All types of mental patients are accommodated and complications such as epilepsy, tuberculosis and criminal tendencies are represented. The fourteen buildings for patients have a bed capacity of 1925.

The patient population is showing an upward trend and the increase is expected to continue. The discrepancy in the estimated figures is related to the expected transfer of the division for the mentally retarded to Rosewood State Training School. An increasing number of elderly patients is being admitted and at present 401 or 15.6 percent of our in-patient population is over 65 years of age. Rehabilitation efforts are expected to increase the number of patients leaving the hospital. At present we have 1.9 percent of our book population in foster care and 17 percent on parole visit.

By September, 1956 our new central kitchen and field house should be completed.

The hospital has been approved by the Council on Medical Education and Hospitals and the American Board of Psychiatry and Neurology for one year residency training in Psychiatry.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED* 1956	ESTIMATED* 1957
Admissions (Total)	807	860	810	825
Discharges	402	480	490	518
Deaths	119	126	126	131
Total Patient Days.....	890,235	937,685	868,884	894,615
Average Daily In-Patient Population....	2,439	2,569	2,374	2,451
Total Number Authorized Positions.....	693	689	737	744
Ratio Total Positions to Population.....	1:3.5	1:3.7	1:3.2	1:3.3
Total Annual Per Capita.....	\$1,097	\$1,104.75	\$1,253.30	\$1,307.50
Total Cost Per Patient Per Day.....	\$3.00	\$3.02	\$3.42	\$3.58

* These figures do not include the mentally retarded group.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	29	29	29
01 Salaries and Wages of Employees.....	107,548	103,937	112,606
03 Communication	12,681	14,015	14,819
04 Travel	217	350	225
07 Motor Vehicle Operation and Maintenance	168	161	161
08 Contractual Services	582	602	788
09 Supplies and Materials.....	1,429	1,762	1,525
11 Equipment—Additional	6,277	.....	740
13 Fixed Charges	149	162	256
Total Operating Expenses.....	21,503	17,052	18,514
Total Expenditure	129,051	120,989	131,120
Original General Fund Appropriation.....	116,524		
Transfer of General Fund Appropriation	12,998		
Total General Fund Appropriation.....	129,522		
Less General Fund Reversion.....	471		
Net General Fund Expenditure.....	129,051	120,989	131,120

Budget Bill Text:

10.03.03.01 General Administration	
General Fund Appropriation.....	131,120

DEPARTMENT OF MENTAL HYGIENE

DIETARY SERVICES—CROWNSVILLE STATE HOSPITAL

Program and Performance:

Adequately balanced meals are prepared and served to patients and a cafeteria provides food at low cost to employees. All food, including special diets, for patients is prepared in the central kitchen and transported by truck to 21 serving areas in ten buildings in electric food conveyors and vacuum beverage containers.

Efforts will be made in 1957 to reduce the number of serving areas in buildings with inadequate serving facilities by bringing greater numbers of patients to the central cafeterias. Central kitchen will be built at a new location, and present area will be renovated, increasing the seating capacity of the central cafeterias.

During the 1955 fiscal year knives and forks were successfully put into use in the main cafeteria. Dining and dishwashing rooms in the mentally retarded division were completely renovated and converted to cafeteria service.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED* 1956	ESTIMATED* 1957
Total Regular Patient Meals Served...	2,393,481	2,624,988	2,309,355	2,366,295
Total Special Diets Served.....	125,871	162,060	290,175	317,550
Total Nursery Diets Served.....	25,038	26,007	.....	.....
Total Student Meals Served.....	12,204	15,138	17,520	17,023
Total Employee Meals Served.....	205,254	209,666	210,000	211,000
Total Daily Patient Per Capita				
Food Cost		\$5033	\$4831	\$5843
Annual Program Per Capita.....	\$205.32	\$195.93	\$230.83	\$240.32

* Nursery diets not included pending transfer of mentally retarded division.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	55	55	58
01 Salaries and Wages of Employees.....	151,746	134,829	167,823
04 Travel	108	25	25
05 Food	338,360	391,189	397,669
07 Motor Vehicle Operation and Maintenance	742	757	980
08 Contractual Services	292	792	296
09 Supplies and Materials.....	12,071	13,039	11,924
10 Equipment—Replacement .....	.....	4,410	2,870
11 Equipment—Additional .....	.....	2,929	7,432
13 Fixed Charges	23	23	3
Total Operating Expenses.....	351,596	413,164	421,199
Total Expenditure	503,342	547,993	589,022
Original General Fund Appropriation.....	527,814		
Transfer of General Fund Appropriation	—24,427		
Total General Fund Appropriation.....	503,387		
Less: General Fund Reversion.....	45		
Net General Fund Expenditure.....	503,342	547,993	589,022
Capital Funds:			
Appropriation		265,650	

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.03.02 Dietary Services
 General Fund Appropriation..... 589,022

HOUSEHOLD AND PROPERTY SERVICES—CROWNSVILLE STATE HOSPITAL

Program and Performance:

This program is responsible for the maintenance of sixty-six buildings, fourteen of which house patients, and of five miles of roads, walks, parking areas, and 112 acres of lawn. Electricity is purchased but all other utilities are the responsibility of the Maintenance Department. These utility services provide 416,734 pounds of steam, 436,359 gallons of treated water, and dispose of 272,000 gallons of sewage daily. The daily collection and disposal of trash is also done by this department.

The water treatment plant was enlarged and modernized in 1954 and a new sewage disposal plant will be completed in the fall of 1955.

All equipment including motor vehicles, except that under service contract or requiring specialized service, is maintained by this department.

Ninety-two percent of the maintenance was done by hospital personnel.

The Housekeeping Department is responsible for the cleaning of nine buildings, offices and various apartments and houses.

The Sewing Room made 18,996 articles of clothing and miscellaneous items, altered 1,596 articles of employees' uniforms and did approximately 175,000 pounds of mending. We provide clothing for 97 percent of our patient population.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Patients Clothed by Hospital.....	2,415	2,492	2,350	2,083
Cost Per Patient Clothed.....	\$24.06	\$34.82	\$28.92	\$34.01
Laundry Workload (Pounds per month)	166,775	173,267	180,000	187,000
Annual Program Per Capita.....	\$235.00	\$244.70	\$253.33	\$255.91
Program Cost Per Patient Per Day.....	\$.64	\$.67	\$.69	\$.70

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	96	96	96
01 Salaries and Wages of Employees.....	284,644	274,897	297,410
02 Technical and Special Fees.....	184	.....	1,000
04 Travel	12	40	42
06 Fuel	102,829	104,220	104,412
07 Motor Vehicle Operation and Maintenance	5,320	6,732	6,876
08 Contractual Services	56,619	57,170	56,601
09 Supplies and Materials.....	170,010	145,356	155,370
10 Equipment—Replacement	6,408	10,912	5,124
11 Equipment—Additional	2,578	2,041	340
13 Fixed Charges	23	30	66
Total Operating Expenses.....	343,799	326,501	328,831
Total Expenditure	628,627	601,398	627,241
Original General Fund Appropriation.....	606,593		
Transfer of General Fund Appropriation	22,936		
Total General Fund Appropriation.....	629,529		
Less: General Fund Reversion.....	902		
Net General Fund Expenditure.....	628,627	601,398	627,241

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.03.03 Household and Property Services

General Fund Appropriation.....

627,241

MEDICAL CARE OF PATIENTS—CROWNSVILLE STATE HOSPITAL

Program and Performance:

The Medical Care Program diagnoses and treats the mental and physical illnesses of the patient under the supervision of the Clinical Director. First-aid and infirmary service for employees and medical examinations upon employment are provided.

Upon admission each patient is interviewed by a physician. A more thorough mental examination is performed within a few days to establish immediate treatment needs. Physical examination with laboratory tests and X rays establishes the proper course of physical treatment. Psychological examinations are used where helpful. Throughout the patient's hospitalization his physical and mental conditions are kept under observation. The nursing department carries most of the load under the doctor's direction. More adequate nursing service personnel coverage would result in more effective accident prevention and a decrease in the use of seclusion. A dental department provides its services to patients. Consultants are used for interpretation of electroencephalograms, for treatment of eye diseases, for advice about management of tuberculosis, for necessary surgery and a part-time chiropodist is also employed. Patients are transferred to general hospitals in Baltimore for major surgery or other specialized treatments. A Medical-Surgical Building now being planned should replace this service in general hospitals. A program for the use of the new tranquilizing drugs, whose action, though not completely understood, promises to effect pronounced changes in the technique of therapy in the hospitals, is being established in 1956 fiscal year. It behooves us to exploit these drugs to their fullest extent as their use can result in shortening of the patients' period of hospitalization, as well as reduction in the use of seclusion and sedation, and in the destruction of property.

The in-patient population for the fiscal year 1955 included:

	NUMBER	PERCENTAGE
Tubercular	45	1.7
Epileptic	192	7.2
Completely bedridden	39	1.4
Children, 16 years and under.....	169	6.4
Nursery	35	1.3
Spastic	88	3.3
65 years and over.....	401	15.1

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Daily Average Patients Under Treatment:				
Shock Treatment (All Types).....	51	57	34	34
Individual Psychotherapy	2	3	4	4
Group Psychotherapy	61	101	125	125
Dental Care:				
Patients examined and treated.....	3,443	4,420	4,500	4,500
Number of treatments.....	9,914	18,438	18,500	19,500
Number of X rays.....	2,008	3,828	4,101	4,200
Number of autopsies.....	17	42	50	52
Laboratory procedures including				
EEG & EKG.....	6,607	14,342	15,235	16,321
Psychological tests	862	719	850	875
Surgical operations performed.....	14	69	71	192
Annual Program Per Capita.....	\$498.13	\$498.89	\$581.56	\$619.86
Program Cost Per Patient Per Day.....	\$1.36	\$1.37	\$1.58	\$1.70

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	435	481	484
01 Salaries and Wages of Employees.....	1,243,525	1,343,902	1,432,741
02 Technical and Special Fees.....	9,041	3,445	5,385
04 Travel	116	325	410
08 Contractual Services	1,470	1,688	1,852
09 Supplies and Materials.....	26,171	28,137	74,266
10 Equipment—Replacement	355	289	1,729
11 Equipment—Additional	976	2,837	2,903
Total Operating Expenses.....	29,088	33,276	81,160
Total Expenditure	1,281,654	1,380,623	1,519,286
Original General Fund Appropriation.....	1,229,238		
Transfer of General Fund Appropriation	55,131		
Total General Fund Appropriation.....	1,284,369		
Less: General Fund Reversion.....	2,715		
Net General Fund Expenditure.....	1,281,654	1,380,623	1,519,286
Capital Funds:			
Appropriation	750,000		70,000

Budget Bill Text:

10.03.03.04 Medical Care of Patients	
General Fund Appropriation.....	1,519,286

REHABILITATION AND RECREATION OF PATIENTS— CROWNSVILLE STATE HOSPITAL

Program and Performance:

Recreational, occupational, music, industrial, and educational therapies assist in the restoration of the mentally ill to the fullest physical, mental, social, vocational, and economic usefulness of which they are capable.

In 1957 an effort will be made to integrate the Recreational and Occupational Therapy programs with Industrial Therapy in a concentrated, functional treatment program.

During the 1955 fiscal year the Rehabilitation Therapies program concentrated on the following:

1. Reorganizing an educational program for the exceptional children of the mentally retarded division according to modern mental hygiene standards.
2. Enriching the quality of the overall Rehabilitation Program through the use of combined recreational and occupational therapy activities.
3. The shoe repair shop is now capable of handling the repairing for the entire hospital plus offering an opportunity for vocational training.
4. New recreation areas have been opened where activities such as picnics, running, jumping, dancing, festivals, etc., may be conducted in a natural environment.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Daily Average Patients Under Treatment:			
Occupational Therapy:			
Number of Patients.....	116	120	150
Number of Treatments.....	581	780	780
Percent of Patients Reached.....	12.7	15.7	20
Recreational Therapy:			
Number of Patients.....	319	325	350
Number of Treatments.....	1,600	1,800	2,100
Percent of Patients Reached.....	37	48	50.2
Music Therapy:			
Patients (Individual & Group Therapy).....	83	85	85
Number of Treatments.....	122	130	150
Percent of Patients Reached.....	4.8	5	5.3
Industrial Therapy:			
Number of Patients.....	537	550	600
Percent of Patients Reached.....	20.9	24	24
Annual Program Cost per Capita.....	\$27.79	\$34.28	\$35.16
Cost Per Patient Per Day.....	\$.076	\$.0936	\$.099

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	25	25	25
01 Salaries and Wages of Employees.....	65,613	67,845	75,015
04 Travel	48	151	150
07 Motor Vehicle Operation and Maintenance	25	.....	150
08 Contractual Services	753	1,826	1,951
09 Supplies and Materials.....	4,414	8,614	7,593
10 Equipment—Replacement	485	130	127
11 Equipment—Additional	52	2,804	1,172
13 Fixed Charges	3	20	20
Total Operating Expenses.....	5,780	13,545	11,163
Total Expenditure	71,393	81,390	86,178
Original General Fund Appropriation.....	77,427		
Transfer of General Fund Appropriation	—5,534		
Total General Fund Appropriation.....	71,893		
Less: General Fund Reversion.....	500		
Net General Fund Expenditure.....	71,393	81,390	86,178

Budget Bill Text:

10.03.03.05 Rehabilitation and Recreation of Patients	
General Fund Appropriation.....	86,178

SOCIAL SERVICES—CROWNSVILLE STATE HOSPITAL

Program and Performance:

The objective of the social service department is the rehabilitation of the patient and his reintegration into the economic, social, religious and recreational life of his community. The department links the patient's past, present and future through programs of Admission, Interim, Pre-Parole, Foster Care and Clinic.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED* 1957
Total Number of Patients Served....	1,993	1,406	1,520	1,850
Total Number of Interviews.....	10,147	8,069	9,300	13,500
Total Cost Per Assigned Case.....	\$35.70	\$34.19	\$36.20	\$39.16
Total Number of Assigned Cases (All Services)	2,184	2,085	2,155	2,596
a. Pre-Admission	87	79	.....	.....
b. Admission	964 (805)	1,083 (858)	1,000 (875)	1,000 (804)
c. Interim	336	255	280	300
d. Pre-Parole	401	298	420	685
e. Clinic Assistance	215	149	200	225
f. Supervised Parole	60	32	10	10
g. Pre-Placement	172	100	125	240
h. In Foster Care.....	108	89	120	136
Number of Cases Per Month Waiting Assignment .....	.....	21.6	.....	.....
Foster Care—Total Number Served	89	86	106	136
a. Total Number Placed.....	49	34	60	72
b. Monthly Average Number Boarded by Hospital.....	17	18.8	21.8	23.8
c. Daily Average	45	61.3	80	99
d. Discharged from Foster Care	.....	14	20	30
e. Average Annual Cost Per Patient	\$708.77	\$460.99	\$500	\$425
Annual Program Per Capita Cost....	\$29.17	\$26.84	\$33.54	\$35.05
Program Cost Per Patient Day.....	\$.080	\$.073	\$.091	\$.096

* Based on anticipated 3.24% increase of psychotic in-patient population.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	17	18	19
01 Salaries and Wages of Employees.....	57,186	64,429	70,101
04 Travel	177	260	240
07 Motor Vehicle Operation and Maintenance	853	1,233	1,144
08 Contractual Services	9,861	11,782	12,780
09 Supplies and Materials.....	840	522	300
10 Equipment—Replacement .....	.....	1,050	1,226
11 Equipment—Additional	27	318	93
13 Fixed Charges	25	25	25
Total Operating Expenses.....	11,783	15,190	15,808
Total Expenditure	68,969	79,619	85,909
Original General Fund Appropriation.....	70,362		
Transfer of General Fund Appropriation	—961		
Total General Fund Appropriation.....	69,401		
Less: General Fund Reversion.....	432		
Net General Fund Expenditure.....	68,969	79,619	85,909

Budget Bill Text:

10.03.03.06 Social Services General Fund Appropriation.....	85,909
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DEPARTMENT OF MENTAL HYGIENE

EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— CROWNSVILLE STATE HOSPITAL

Program and Performance:

The education and training of professional personnel is guided by the Director of Psychiatric Education in an overall plan directed toward the better care and treatment of patients. This not only aids the worker in the application of his skills, but attracts a superior quality of personnel. During 1955 fiscal year the hospital was granted recognition for the training of first year residents in psychiatry. A more extensive program of instruction for residents is being planned in order to gain recognition for a longer program. Six fourth year medical students spend their summers here, gaining experience in clinical subjects, and receiving instruction in Basic Psychiatric subjects. In Social Work, Nursing and Psychology the hospital is accepted as a training agency by approved schools in these disciplines. Many of these students join our staff upon completion of their courses of instruction, and furnish an important source of professional personnel.

	ACTUAL	ACTUAL	ESTIMATED	ESTIMATED	NUMBER OF
	1954	1955	1956	1957	CLASSROOM HOURS
Number of Students:					
Social Service	4	5	5	5	489
Nursing:					
Affiliate Nurses	52	52	60	40	404
Practical Nurses	33	33	40	40	708
New Employees (Orientation)	116	84	95	80	480
Psychology	5	3	4	4	427
Psychiatry .....	....	4	4	4	50

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	12	13	18
01 Salaries and Wages of Employees.....	34,897	43,727	46,325
02 Technical and Special Fees.....	6,435	2,755	3,000
04 Travel	16	200	100
05 Food	4,303	10,521	.....
08 Contractual Services	117	89	94
09 Supplies and Materials.....	400	225	360
10 Equipment—Replacement .....	.....	60	.....
11 Equipment—Additional	179	685	724
13 Fixed Charges	167	147	170
Total Operating Expenses.....	5,182	11,927	1,448
Total Expenditure	46,514	58,409	50,773
Original General Fund Appropriation.....	58,397		
Transfer of General Fund Appropriation	—10,554		
Total General Fund Appropriation.....	47,843		
Less: General Fund Reversion.....	1,329		
Net General Fund Expenditure.....	46,514	58,409	50,773

Budget Bill Text:

10.03.03.07 Education and Training of Professional Personnel	
General Fund Appropriation.....	50,773

DEPARTMENT OF MENTAL HYGIENE

RELIGIOUS AND COMMUNITY SERVICES—CROWNSVILLE STATE HOSPITAL

Program and Performance:

This program provides religious guidance and friendly community contacts for patients who otherwise are not able to avail themselves of these activities. In addition to regular religious services, volunteer clergymen of all faiths visit on the wards for individual religious counseling. Sunday School is held every Sunday for the mentally handicapped. A missionary group holds weekly Bible classes, and regular weekly classes of instruction are conducted by a Roman Catholic priest.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Number of Religious Services (weekly).....	2	2	3
Number of Paid Staff Clergy.....	4	4	4
Number of Volunteer Clergy (weekly).....	4	4	5
Patients Attending Formal Service (weekly).....	210	220	250
Patients Attending Volunteer Service (weekly).....	487	500	550
Number of Volunteer Hours Given by Clergy (weekly)....	31	35	40

Diversions from hospital routine are provided by interested groups and individuals who bring various entertainment and recreational activities into the hospital. The friendly personal relationships which develop between volunteers and patients help materially in the rehabilitation of patients within the hospital and in their readjustment in the community. The Women's Auxiliary, organized in 1954, has opened a second canteen which operates seven days a week. These volunteers are now giving 152 hours a week and are constantly reaching more patients by extending basket service to the various buildings.

Under the supervision of the Volunteer Activities Coordinator, the entire program relies upon the service of volunteers.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Volunteer Organizations	242	233	250	275
Volunteers (Individual)	438	437	440	445
Hours of Volunteer Service.....	83	125	140	150
Percent Patient Participation.....	63	75	75	80
Valuation of Gifts.....	\$14,847	\$15,446	\$16,000	\$16,400

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	2	2	2
01 Salaries and Wages of Employees.....	5,532	5,779	5,945
02 Technical and Special Fees.....	720	720	720
04 Travel	75	116	111
08 Contractual Services	104	153	159
09 Supplies and Materials.....	90	58	160
10 Equipment—Replacement .....	.....	155	.....
11 Equipment—Additional .....	.....	15	545
13 Fixed Charges .....	.....	10	10
Total Operating Expenses.....	269	507	985
Total Expenditure	6,521	7,006	7,650
Original General Fund Appropriation.....	4,165		
Transfer of General Fund Appropriation	2,357		
Total General Fund Appropriation.....	6,522		
Less: General Fund Reversion.....	1		
Net General Fund Expenditure.....	6,521	7,006	7,650

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.03.08 Religious and Community Services
 General Fund Appropriation..... 7,650

RESEARCH—CROWNSVILLE STATE HOSPITAL

Program and Performance:

Any major reduction in the cost of mental illness will result principally from increased knowledge of the functioning of the personality. Collection and analysis of data from both experimental projects and routine daily care of patients leads to better treatment methods. Careful guidance and coordination of efforts is needed to insure maximum efficiency in this direction. Outside consultants must be brought in to aid in projects in specialized fields.

Research Projects Completed in 1955:

- A Study of Thymolymphatic Aorta
- Pathology in Identical Twins
- Lung Cancer and Tobacco
- Foetal Atalectasis and the Floating Test of Lung Tissue

Research Projects Underway:

- Pneumoencephalographic and Skull X ray Studies in 100 Epileptics
- Comparison of WISC and Stanford-Binet Intelligence Scales in the Feeble-minded Population
- Racial Awareness in Psychotic Patients
- Study of Outbreaks of Mass Hostility among Patients
- Sickling Traits in Blood Cells of Negroes
- Determination of Water Content of Blood
- Use of Deep Temporal Leads in Psychomotor Epilepsy
- Relation of Vitamin B₆ and Convulsions in Infants

Research Projects Planned:

- A Study of Attitudes of Newly Admitted Patients
- A Study of Attitudes and Feelings of the Families of Newly Admitted Patients
- Blood and Electroencephalographic Changes During Treatment with Chlorpromazine and Related Drugs
- Changes in the Incidence of Syphilis in New Admissions During the Past 10 Years
- Changes in the Incidence of Tuberculosis in New Admissions During the Past 10 Years

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
02 Technical and Special Fees.....	420	400	400
08 Contractual Services			25
09 Supplies and Materials.....	100	319	125
11 Equipment—Additional			28
13 Fixed Charges		25	12
Total Operating Expenses.....	100	344	190
Total Expenditure	520	744	590
Original General Fund Appropriation.....	625		
Transfer of General Fund Appropriation	—25		
Total General Fund Appropriation.....	600		
Less: General Fund Reversion.....	80		
Net General Fund Expenditure.....	520	744	590

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.03.09 Research
 General Fund Appropriation..... 590

FARM OPERATION AND MAINTENANCE—CROWNSVILLE STATE HOSPITAL

Program and Performance:

This farm produces pasteurized milk, dairy beef, pork and food crops for the institution.

The Crownsville farm consists of two farming areas. There are 140 acres of crop land and 150 acres of pastures at Crownsville. The institution buildings and grounds cover 120 acres and 859 acres are in sections of steeply wooded areas divided by gulleys and watercourses. The Whitney's Landing farm comprised 423 acres of woodland when purchased in 1951. Approximately 135 acres of this property have been cleared and put into cultivation. The total area under cultivation and in pastures is 525 acres.

Housing and grazing areas have been improved so that the livestock facilities are more adequate. Some repairs are still needed on dairy buildings to put them into proper condition. The proceeds from timber and pulp wood sales at Whitney's Landing have been used to purchase land clearing equipment and to erect swine shelters. The production of farm-grown feed is being increased and this should make it possible eventually to reduce the cash outlay for purchased feeds.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Value of Food to Institution.....	\$110,765	\$114,847	\$116,500	\$120,000
Annual Production Value per Employee.....	\$6,153	\$6,380	\$6,472	\$6,666
Number of Acres Used for Farming.....	500	525	525	525

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	18	18	18
01 Salaries and Wages of Employees.....	51,547	50,203	55,320
04 Travel	17	25	20
07 Motor Vehicle Operation and Maintenance	3,711	3,636	3,000
08 Contractual Services	2,230	2,000	4,478
09 Supplies and Materials.....	40,799	39,050	38,943
10 Equipment—Replacement	1,620	2,150	350
11 Equipment—Additional	1,590	100	120
14 Land and Structures .....	.....	.....	50
Total Operating Expenses	49,967	46,961	46,961
Total Expenditure	101,514	97,164	102,281
Original General Fund Appropriation.....	96,003		
Transfer of General Fund Appropriation	2,994		
Total General Fund Appropriation.....	98,997		
Less: General Fund Reversion.....	102		
Net General Fund Expenditure.....	98,895	97,164	106,928
Add: Special Fund Expenditure.....	2,619		
Total Expenditure	101,514		

DEPARTMENT OF MENTAL HYGIENE

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Special Fund Income:			
Sale of Wood.....	2,619		

Budget Bill Text:

10.03.03.10 Farm Operation and Maintenance			
General Fund Appropriation.....			106,928

SUMMARY OF EASTERN SHORE STATE HOSPITAL

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Total Number of Authorized Positions.....	221	234	246
Salaries and Wages of Employees.....	693,395	705,609	784,045
Technical and Special Fees.....	2,089	4,575	5,125
Operating Expenses	225,208	211,732	251,848
Original General Fund Appropriation.....	894,761		
Transfer of General Fund Appropriation.....	26,326		
Total General Fund Appropriation.....	921,087		
Less: General Fund Reversion.....	395		
Net Total General Fund Expenditure.....	920,692	921,916	1,041,018
Capital Funds:			
Appropriation	4,000	138,000	12,000

GENERAL ADMINISTRATION—EASTERN SHORE STATE HOSPITAL

Program and Performance:

The Eastern Shore State Hospital is located in Dorchester County, near Cambridge, Maryland. It was established in 1912 and provides care and treatment for adult mentally ill patients from the counties of Eastern Shore of Maryland. The property consists of 390 acres of which 298 acres are used for farming and allied activity.

Admissions, discharges and in-patient population have reached their highest levels in the past three years, and this trend is continuing upward at a higher rate than in previous years. The in-patient population includes 240 patients age 65 and over, or 38.8%.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Admissions (total)	229	255	280	300
Discharges	120	141	165	185
Deaths	57	69	70	70
Total Patient Days.....	216,080	225,570	229,220	240,900
Average Daily In-Patient Population....	592	618	628	660
Total Number of Authorized Positions..	221	221	234	246
Ratio Total Positions to Population.....	1:2.7	1:2.8	1:2.6	1:2.7
Total Annual Per Capita.....	\$1,441	\$1,489	\$1,468	\$1,583
Total Cost Per Patient Per Day.....	\$3.95	\$4.08	\$4.02	\$4.34

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	17	17	17
01 Salaries and Wages of Employees.....	65,220	63,646	67,943
03 Communication	4,195	4,113	4,366
04 Travel	302	300	300
07 Motor Vehicle Operation and Maintenance	336	430	450
08 Contractual Services	72	75	75
09 Supplies and Materials.....	571	600	600
10 Equipment—Replacement .....	.....	.....	980
11 Equipment—Additional	6,299	45	600
13 Fixed Charges	200	182	229
Total Operating Expenses.....	11,975	5,745	7,600
Total Expenditure	77,195	69,391	75,543
Original General Fund Appropriation.....	69,819		
Transfer of General Fund Appropriation	7,387		
Total General Fund Appropriation.....	77,206		
Less: General Fund Reversion.....	11		
Net General Fund Expenditure.....	77,195	69,391	75,543

Budget Bill Text:

10.03.04.01	General Administration	
	General Fund Appropriation.....	75,543

DIETARY SERVICES—EASTERN SHORE STATE HOSPITAL

Program and Performance:

The dietary department aims to serve patients and employees well balanced, low cost meals which meet the requirements for good nutrition; to provide a clean well run kitchen, with economical use of food, personnel and equipment; to prepare and serve these meals. This hospital operates one main kitchen and seven serving areas in five separate buildings plus one employee's dining room.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Regular Patients Meals Served..	627,102	676,710	689,544	724,320
Total Special Diets Served.....	22,233	28,427	30,660	32,850
Total Student Meals Served.....	.....	.....	.....	1,620
Total Employees Meals Served.....	.....	43,402	44,000	47,000
Total Daily Patient Per Capita				
Food Cost	\$.5603	\$.5070	\$.5856	\$.5739
Annual Program Per Capita.....	\$232	\$222	\$233	\$249

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	18	18	19
01 Salaries and Wages of Employees.....	53,895	49,460	59,059
04 Travel	20	168	12
05 Food	75,652	91,099	95,755
07 Motor Vehicle Operation and Maintenance	113	140	155
08 Contractual Services	2,526	2,510	2,865
09 Supplies and Materials.....	3,611	1,956	3,656
10 Equipment—Replacement	247	310	1,750
11 Equipment—Additional	849	600	290
13 Fixed Charges	12	10	5
Total Operating Expenses.....	83,030	96,793	104,488
Total Expenditure	136,925	146,253	163,547
Original General Fund Appropriation.....	141,654		
Transfer of General Fund Appropriation	—4,681		
Total General Fund Appropriation.....	136,973		
Less: General Fund Reversion.....	48		
Net General Fund Expenditure.....	136,925	146,253	163,547

Budget Bill Text:

10.03.04.02	Dietary Services	
	General Fund Appropriation.....	163,547

HOUSEHOLD AND PROPERTY SERVICES—EASTERN SHORE STATE HOSPITAL

Program and Performance:

This program includes the laundry, housekeeping, sewing, power and maintenance services. There is a total of 45 buildings on the hospital grounds, five of which house patients.

The central linen supply room has provided control and economical use of all hospital linens and bedding. Efforts to have relatives supply clothing to patients will be continued. The workload in the laundry will increase approximately six percent due to expected increase in census. The present housekeeping services will be maintained, and should be expanded to include the Medical-Surgical and Rehabilitation Buildings.

In 1955: Average Monthly Current Maintenance Work Orders Completed..... 192
Hospital Maintenance Done by Contract..... 5%

The sewing department makes uniforms, night clothes, 90% of all linens and handles all repairs to clothing and linens. The central patient clothing room issued all patient clothing upon an individual patient and replacement basis. Electricity, gas and water is supplied by local utility companies and no maintenance of these utilities is carried on by this hospital. Heat, power and hot water were furnished to hospital buildings by the hospital power plant.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Patients Clothed by Hospital.....	330	288	365	360
Percentage of Patients Clothed by Hospital	56%	47%	58%	54%
Cost Per Patient Clothed.....	\$22.58	\$24.78	\$22.58	\$22.89
Laundry Work Load (Lbs. per month)	45,000	50,000	58,000	65,000
Annual Program Per Capita.....	\$301	\$325	\$284	\$313
Program Cost Per Patient Per Day.....	\$.825	\$.8925	\$.7792	\$.8575

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	31	31	32
01 Salaries and Wages of Employees.....	106,222	101,683	112,665
04 Travel	13	24	12
06 Fuel	29,470	26,675	29,804
07 Motor Vehicle Operation and Maintenance	349	347	495
08 Contractual Services	34,144	25,021	29,785
09 Supplies and Materials.....	30,610	24,142	33,140
10 Equipment—Replacement	266	.....	215
11 Equipment—Additional	250	708	700
Total Operating Expenses.....	95,102	76,917	94,151
Total Expenditure	201,324	178,600	206,816
Original General Fund Appropriation.....	178,820		
Transfer of General Fund Appropriation	22,517		
Total General Fund Appropriation.....	201,337		
Less: General Fund Reversion.....	13		
Net General Fund Expenditure.....	201,324	178,600	206,816
Capital Funds:			
Appropriation	4,000	138,000	12,000

Budget Bill Text:

10.03.04.03 Household and Property Services	
General Fund Appropriation.....	206,816

MEDICAL CARE OF PATIENTS—EASTERN SHORE STATE HOSPITAL

Program and Performance:

The medical, nursing, laboratory, pharmacy and x-ray facilities were in full operation during the entire fiscal year of 1955. The dental department was operated for only six months because of a change in personnel. Treatment included general medical, surgical and dental care, electro-shock therapy, drug therapy (Thorazine, serpasil, etc.), psychotherapy, antabuse and anti-luetic therapy.

During the past year it has been necessary to use our patient buildings beyond acceptable capacities.

Efforts will be made in 1956 and 1957 to increase the coverage of patient areas, to continue the educational program, to increase drug therapy, to use autopsy facilities. Consultants are employed in general surgery, orthopedics, ophthalmology, pathology and psychology.

It is anticipated that 15 to 20% of our in-patient population will receive Thorazine or Serpasil Therapy in 1956 and 1957.

Patients 65 years of age and over comprised 32% of admissions in fiscal year 1954, 34.5% of admissions and 38.8% of the in-patient population in fiscal year 1955.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Daily average patients under treatment:				
Shock treatment (all types).....	55	40	45	45
Individual Psychotherapy	39	90	90	90
Supervised Psychotherapy (Psychologist):				
Individual Psychotherapy .....	.....	20	25	30
Number of Treatments.....	.....	266	300	350
Group Psychotherapy .....	.....	71	75	100
Number of Treatments.....	.....	148	150	200
Drug therapy (thorazine, etc.):				
Patients treated .....	.....	61	100	100
Number of treatments..... (6 months)	.....	10,588	30,000	30,000
Cost per treatment.....	.....	\$.12	\$.10	\$.10
Cost per patient treated.....	.....	\$36.00	\$30.00	\$30.00
Dental Care:				
Patients examined	183	174	300	400
Number of treatments.....	636	641	1,400	1,500
Number of:				
X-Rays	573	847	850	850
Autopsies	0	0	4	4
Laboratory procedures	2,986	3,427	3,800	3,800
Psychological tests	58	162	250	250
Surgical Operations Performed:				
Major	5	8	15	20
Minor .....	.....	165	200	225

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	131	144	147
01 Salaries and Wages of Employees.....	394,910	415,883	453,723
02 Technical and Special Fees.....	1,419	3,925	3,975
04 Travel	178	300	235
07 Motor Vehicle Operation and Maintenance	532	412	480
08 Contractual Services	694	600	975
09 Supplies and Materials.....	11,067	9,377	14,095
10 Equipment—Replacement	646	500	4,328
11 Equipment—Additional	401	1,316	2,125
13 Fixed Charges	63	60	60
Total Operating Expenses.....	13,581	12,565	22,298
Total Expenditure	409,910	432,373	479,996
Original General Fund Appropriation.....	404,867		
Transfer of General Fund Appropriation	5,100		
Total General Fund Appropriation.....	409,967		
Less: General Fund Reversion.....	57		
Net General Fund Expenditure.....	409,910	432,373	479,996

Budget Bill Text:

10.03.04.04 Medical Care of Patients	
General Fund Appropriation.....	479,996

DEPARTMENT OF MENTAL HYGIENE

REHABILITATION AND RECREATION OF PATIENTS— EASTERN SHORE STATE HOSPITAL

Program and Performance:

The rehabilitation program at this hospital is designed to provide a therapeutic program of recreational, occupational, and industrial activities and to coordinate these activities with the medical, nursing, social and other services, in a team approach, to facilitate the return of patients to their communities.

Performance 1955: During fiscal year 1955 a new rehabilitation building was opened and most of the department was moved to the new building. The opening of this building with its new facilities has stimulated increased interest and participation by patients in this program.

In 1956 efforts will be made to maintain all the levels of activity already attained in 1954 and 1955 in Occupational Therapy, Recreational Therapy and Industrial Therapy.

In 1957 an increase may be realized in reaching patients both in Occupational Therapy and Recreational Therapy by increasing the use of the rehabilitation building and by carrying more occupational therapy activities to the various wards.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Daily Average Patients Under Treatment:				
Occupational Therapy	71	59	70	75
Recreational Therapy	87	99	100	150
Music Therapy	14	17	25	25
Industrial Therapy	175	206	200	200
Total number different patients reached during the year:				
Occupational Therapy	145	172	175	175
Recreational Therapy	529	433	450	450
Music Therapy	75	207	225	225
Total Number of Treatments:				
Occupational Therapy	18,566	15,282	16,000	16,000
Recreational Therapy	22,620	19,295	20,000	20,000
Music Therapy	3,623	4,246	5,000	5,000
Annual Program Per Capita.....	\$40.09	\$40.67	\$44.10	\$45.81
Program Cost Per Patient Per Day.....	\$.110	\$.1114	\$.1208	\$.1255

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	8	8	8
01 Salaries and Wages of Employees.....	23,313	24,757	26,641
04 Travel	40	40	84
08 Contractual Services	480	450	524
09 Supplies and Materials.....	.....	2,175	2,550
10 Equipment—Replacement .....	.....	.....	200
11 Equipment—Additional	1,291	255	220
13 Fixed Charges	10	20	20
Total Operating Expenses.....	1,821	2,940	3,598
Total Expenditure	25,134	27,697	30,239
Original General Fund Appropriation.....	26,858		
Transfer of General Fund Appropriation	—1,554		
Total General Fund Appropriation.....	25,304		
Less: General Fund Reversion.....	170		
Net General Fund Expenditure.....	25,134	27,697	30,239

Budget Bill Text:

10.03.04.05 Rehabilitation and Recreation of Patients	
General Fund Appropriation.....	30,239

DEPARTMENT OF MENTAL HYGIENE

SOCIAL SERVICES—EASTERN SHORE STATE HOSPITAL

Program and Performance:

In 1957, we are anticipating an increase in the total number of admissions and developing use of social services as part of the total treatment program of this hospital with a resultant corresponding increase in the number of patients referred to the admission, pre-parole and foster care services, it is estimated that in the fiscal year of 1957 we will be asked to serve a total of 132 more patients than were served in 1955. It is thought that our foster care program will increase from a total of 23.1 to 40 patients in care daily. Part of this total increase should be absorbed in developing operational efficiency. It is also hoped that more community involvement can be elicited in 1957 toward carrying out the aims and objectives of our program.

During 1955, the Social Service Department was asked to work with a total of 467 cases with the major increase reflected in the foster care program. The daily average of patients out in foster care jumped from 14.9 in 1954 to 23.1 in 1955. With an increased number of patients in care, there was a corresponding increase in the number of patients boarded by the hospital. It is felt that this will continue proportionally to the number of aged people served.

In 1956, it is estimated that there will be again an increase within all services. It is hoped that professional performance of the staff will be enhanced with much emphasis to be placed upon developing a pre-parole service so that individuals in the hospital will be prepared better for community living and returns from foster care will be diminished. It is also expected that more effort will be expended towards community participation in returning mental patients to the community.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Number of Patients Served.....	485	368	445	500
Total Cost Per Active Assigned Case.....	\$32.53	\$47.93	\$36.37	\$45.69
Admission Interviews	229	264	289	309
Pre-Parole Counselling	51	62	74	74
Foster Care				
Total No. Placed.....	15	26	36	40
Month Average Boarded by Hospital (whole or part).....	3	11	15	16
Daily Average	14.9	23.1	31	48
Average Annual Cost Per Patient.....	\$453	\$425.53	\$422.78	\$360.42
Annual Program Per Capita.....	\$28.08	\$32.03	\$31.62	\$40.13
Program Cost Per Patient Per Day.....	\$.0769	\$.0877	\$.0866	\$.1099

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	5	5	6
01 Salaries and Wages of Employees.....	16,156	17,219	21,741
04 Travel	194	153	230
07 Motor Vehicle Operation and Maintenance	174	236	265
08 Contractual Services	3,023	2,040	4,040
09 Supplies and Materials.....	241	200	200
13 Fixed Charges	8	12	12
Total Operating Expenses.....	3,640	2,641	4,747
Total Expenditure	19,796	19,860	26,488
Original General Fund Appropriation.....	19,409		
Transfer of General Fund Appropriation	405		
Total General Fund Appropriation.....	19,814		
Less: General Fund Reversion.....	18		
Net General Fund Expenditure.....	19,796	19,860	26,488

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.04.06 Social Services
 General Fund Appropriation..... 26,488

EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— EASTERN SHORE STATE HOSPITAL

Program and Performance:

This program provides for the training of medical, nursing and other personnel in the care and treatment of patients.

In 1955: The Director of Nursing Education, assisted by members of the medical and nursing services, continued instructions in the licensed practical nurse school and ten practical nurse students will graduate in September 1955.

In 1956: An additional ten students are expected to graduate from our licensed practical nurse school.

In 1957: The salutary effect of teaching as reflected in patient care makes it mandatory that the student-nurse program be continued. Its continuance will be feasible through a modification of the present educational program. In our estimation the merit of this plan is that it will help to alleviate community needs for qualified nurses without a sacrifice of personnel quotas.

We anticipate that student personnel in the social service and psychology programs will have a similar effect in raising standards of patient care and supplying community needs.

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	3	3	9
01 Salaries and Wages of Employees.....	8,515	8,503	15,683
02 Technical and Special Fees.....	.....	.....	300
04 Travel	36	48	12
08 Contractual Services	58	100	100
09 Supplies and Materials.....	100	125	125
11 Equipment—Additional	704	585	300
13 Fixed Charges	17	25	25
Total Operating Expenses.....	915	883	562
Total Expenditure	9,430	9,386	16,545
Original General Fund Appropriation.....	12,983		
Transfer of General Fund Appropriation	—3,530		
Total General Fund Appropriation.....	9,453		
Less: General Fund Reversion.....	23		
Net General Fund Expenditure.....	9,430	9,386	16,545

Budget Bill Text:

10.03.04.07 Education and Training of Professional Personnel
 General Fund Appropriation..... 16,545

RELIGIOUS AND COMMUNITY SERVICES—EASTERN SHORE STATE HOSPITAL

Program and Performance:

This program gives the patient the opportunity for the fulfillment of his spiritual needs through the services of staff and volunteer clergy. It contributes to his social readjustment through friendly community contacts with hospital trained volunteer workers.

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Religious:

Formal religious services are held on Sundays in the Rehabilitation Building. All religious holidays are appropriately observed. Clergymen of all faiths visit freely on the wards for individual counseling. Expansion of the religious program is anticipated with the further cooperation of the Dorchester County Ministerial Association.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Paid Staff Clergy.....	5	5	5	5
Volunteer Clergy	10	12	14	15
Patients Attending Formal Services.....	85	55	55	75
Patients Attending Informal Services.....	25	20	30	40

Community:

Individuals, organizations and the Woman's Auxiliary supplement the Hospital's program. The volunteer, as a part of the total treatment program, does much toward the rehabilitation of the patient, and is an aid to the recovered patient in helping him adjust to his community. Volunteer services will grow as the Woman's Auxiliary progresses in its scope. Volunteers will be given an organized orientation and indoctrination course to prepare them for working with patients.

The program relies upon volunteer service in both its religious and community aspects, except for a Coordinator and part-time clergy.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Community Organizations	70	60	60	60
Number Volunteer Workers.....	122	184	200	220
Hours of service (weekly).....	126	146	173	185
Percent patient population reached.....	49%	70%	90%	90%
Valuation of gifts.....	\$8,341	\$11,572	\$12,000	\$12,500

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	3,001	2,979	3,235
02 Technical and Special Fees.....	320	350	550
04 Travel	60	120	110
07 Motor Vehicle Operation and Maintenance	143	155	155
08 Contractual Services .....	.....	110	100
09 Supplies and Materials.....	130	115	150
10 Equipment—Replacement .....	.....	.....	1,080
Total Operating Expenses.....	333	500	1,595
Total Expenditure	3,654	3,829	5,380
Original General Fund Appropriation.....	4,020		
Transfer of General Fund Appropriation	—351		
Total General Fund Appropriation.....	3,669		
Less: General Fund Reversion.....	15		
Net General Fund Expenditure.....	3,654	3,829	5,380

Budget Bill Text:

10.03.04.08 Religious and Community Services	
General Fund Appropriation.....	5,380

DEPARTMENT OF MENTAL HYGIENE

RESEARCH—EASTERN SHORE STATE HOSPITAL

Program and Performance:

The research program during the past fiscal year has consisted of an appraisal of several projects in order to select one suited to our limited capacity. A project relating the attitudes and motivations of personnel to patient care had to be discarded because it was impossible to keep the same personnel on a given ward long enough to do the study. An evaluation of certain psychological tests as applied to patients in the old age group had to be discarded because of lack of personnel for the required number of tests and examinations. However, a research project involving the evaluation of thorazine as a therapeutic agent has been organized and is expected to begin early in fiscal year 1956.

During 1956 and 1957 we hope to continue working with a consultant to plan additional research projects suitable for our small hospital staff.

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
02 Technical and Special Fees.....	350	300	300
04 Travel	24	.....	24
08 Contractual Services .....	.....	13	25
09 Supplies and Materials.....	49	25	50
Total Operating Expenses.....	73	38	99
Total Expenditure	423	338	399
Original General Fund Appropriation.....	100		
Transfer of General Fund Appropriation	350		
Total General Fund Appropriation.....	450		
Less: General Fund Reversion.....	27		
Net General Fund Expenditure.....	423	338	399

Budget Bill Text:

10.03.04.09	Research	
	General Fund Appropriation.....	399

FARM OPERATION AND MAINTENANCE—EASTERN SHORE STATE HOSPITAL

Program and Performance:

The farm program includes the production of pasteurized milk, pork and food crops for the institution.

The institution farming area comprises 251 acres. In the farming program 189 acres are used for field crops and the production of livestock feed, 49 acres are used for the production of food crops and 33 acres are in permanent pastures. The decrease in farm acreage is due to some land being used for new hospital buildings and an area taken for the state dual highway.

During 1955 a small pasteurization plant was completed and put into operation and new swine facilities including feeding pens, a slaughter room, and fenced pasture areas were erected. The old dairy building has been converted into a potato storage house.

The relocation and improvement of farm facilities now provides for more adequate space for the dairy, swine and food crop projects.

During 1957, we plan for some increase in milk production as required in the basic ration, the use of some surplus dairy animals for veal and beef, the curing of a larger percentage of pork, and a slight reduction in food crop production. This routine adjustment is made according to institution requirements and usage. General storage facilities at the institution for perishable products are rather limited.

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	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Value of Food to Institution.....	\$40,212	\$40,418	\$43,500	\$43,000
Annual production value per employee	\$5,744	\$5,774	\$6,214	\$6,143
Number of acres used for farming.....	271	251	251	251

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	7	7	7
01 Salaries and Wages of Employees.....	22,163	21,479	23,355
04 Travel	18	25	0
06 Fuel	465	400	400
07 Motor Vehicle Operation and Maintenance	1,169	1,075	900
08 Contractual Services	787	490	570
09 Supplies and Materials	12,107	10,700	9,305
10 Equipment—Replacement	95	.....	0
11 Equipment—Additional .....	.....	.....	1,500
13 Fixed Charges	7	20	10
14 Land and Structures.....	90	.....	25
Total Operating Expenses	14,738	12,710	12,710
Total Expenditure	36,901	34,189	36,065
Original General Fund Appropriation.....	36,231		
Transfer of General Fund Appropriation	683		
Total General Fund Appropriation.....	36,914		
Less: General Fund Reversion.....	13		
Net General Fund Expenditure.....	36,901	34,189	39,760

Budget Bill Text:

10.03.04.10	Farm Operation and Maintenance General Fund Appropriation.....	39,760
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SUMMARY OF ROSEWOOD STATE TRAINING SCHOOL

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Total Number of Authorized Positions.....	557	598	683
Salaries and Wages of Employees.....	1,632,565	1,787,237	1,918,369
Technical and Special Fees.....	17,569	22,835	28,290
Operating Expenses	681,050	900,835	912,037
Original General Fund Appropriation.....	2,368,705		
Transfer of General Fund Appropriation.....	—35,185		
Total General Fund Appropriation.....	2,333,520		
Less: General Fund Reversion.....	2,336		
Net Total General Fund Expenditure.....	2,331,184	2,710,907	2,858,696
Capital Funds:			
Appropriation	466,250	167,600	116,250

DEPARTMENT OF MENTAL HYGIENE

GENERAL ADMINISTRATION—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

Rosewood, established in 1898, has the responsibility for educating, training, treating and rehabilitating mentally retarded patients. The Institution is located at Owings Mills, Baltimore County, 13 miles northwest of Baltimore City. The total acreage is approximately 790 acres.

This program provides executive direction, establishes and interprets institutional methods and policies of operation under supervision of the Department of Mental Hygiene, personnel administration and other administrative services.

It is expected that the new School Building will be in operation, together with an additional Nursery for six months, and a new Emotionally Disturbed Building for six months.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Admissions (Total) .....	.....	201	265	300
Discharges .....	.....	99	105	110
Deaths .....	.....	38	45	55
Total Patient Days.....	569,400	604,805	768,600	817,380
Average Daily In-Patient Population..	1,560	1,657	2,100*	2,212*
Total Number of Authorized Positions	544	557	598	683
Ratio Total Positions to Population.....	1:2.9	1:2.97	1:3.51	1:3.2
Total Annual Per Capita.....	\$1,416	\$1,406.86	\$1,290.90	\$1,292.57
Total Cost Per Patient Per Day.....	\$3.88	\$3.85	\$3.53	\$3.54

* These figures anticipate the transfer of the mentally retarded from Crownsville.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	29	29	29
01 Salaries and Wages of Employees.....	111,356	109,165	110,554
03 Communication	6,703	6,088	7,000
04 Travel	80	260	300
07 Motor Vehicle Operation and Maintenance	389	450	454
08 Contractual Services	436	413	633
09 Supplies and Materials.....	1,297	1,584	1,300
10 Equipment—Replacement .....	.....	173	178
11 Equipment—Additional	6,255	50	144
13 Fixed Charges	265	225	245
Total Operating Expenses.....	15,425	9,243	10,254
Total Expenditure	126,781	118,408	120,808
Original General Fund Appropriation.....	116,377		
Transfer of General Fund Appropriation	10,520		
Total General Fund Appropriation.....	126,897		
Less: General Fund Reversion.....	116		
Net General Fund Expenditure.....	126,781	118,408	120,808

Budget Bill Text:

10.03.05.01 General Administration	
General Fund Appropriation.....	120,808

DIETARY SERVICES—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

The Dietary Department of the Rosewood State Training School operates one Central Kitchen for all employees and patients. The food is served in 23 areas and 19 buildings.

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Efforts will be made in 1957 to prepare and serve nutritional diets for patients and employees within the pattern of D.M.H. base ration. The additional patient buildings will be added in 1957.

Performance in 1955 included preparation and serving nutritional diets to patients and employees. Transportation of food to serving areas by electrically heated food carts was expanded to accommodate 14 serving areas. Classes in Nutrition for Practical Nursing students were conducted by a Dietitian. Also classes were held for new personnel in the Nursing department to acquaint them with institution menus, serving methods and the proper care of dining room supplies and equipment.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Regular Diets Served.....	1,267,571	1,267,931	1,695,312	1,717,610
Total Special Diets Served.....	241,507	279,163	440,298	466,105
Total Nursery Diets Served.....	43,800	267,321	170,190	235,425
Total Student Meals Served.....	418	.....	.....	2,880
Total Employee Meals Served.....	166,760	212,598	213,366	214,724
Total Daily Per Capita Food Cost....	\$.5665	\$.5502	\$.6005	\$.5885
Annual Program Per Capita.....	\$272	\$268	\$280	\$271

Appropriation Statement:	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	40	46	54
01 Salaries and Wages of Employees.....	113,590	132,160	140,520
04 Travel	12	25	162
05 Food	310,393	431,544	441,037
07 Motor Vehicle Operation and Maintenance	978	1,072	1,589
08 Contractual Services	2,812	3,159	2,579
09 Supplies and Materials.....	3,851	10,570	12,146
10 Equipment—Replacement	1,158	1,010	1,347
11 Equipment—Additional	11,459	7,676	745
13 Fixed Charges	45	30	.....
Total Operating Expenses.....	330,708	455,086	459,605
Total Expenditure	444,298	587,246	600,125
Original General Fund Appropriation.....	496,843		
Transfer of General Fund Appropriation	—52,484		
Total General Fund Appropriation.....	444,359		
Less: General Fund Reversion.....	61		
Net General Fund Expenditure.....	444,298	587,246	600,125

Budget Bill Text:

10.03.05.02	Dietary Services	
	General Fund Appropriation.....	600,125

HOUSEHOLD AND PROPERTY SERVICES—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

Buildings at Rosewood consist of Rogers Hospital, 24 patient buildings, a school, and 25 employee apartments, residences, and administrative structures, totalling 50 buildings. This is exclusive of eight farm buildings.

Heat is furnished to all buildings from the central power plant which also supplies steam for operation of the laundry and hot water for all requirements. Water is purchased from the Baltimore City System. Repair requests average seven hundred monthly. Major improvements are done on contract and contracts for maintenance only are carried on elevators, A.D.T. systems, and underwriters inspection on all electric wiring.

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The utilization of coal in our power plant has given rise in recent years to the production of fly ash. Consistent effort is being made to eliminate this nuisance, a large reduction having been made this year by reinjection of this material into the combustion chamber of the three boilers. The maintenance of plumbing, fly screens, security and household equipment present challenging problems. With an increase in the automatic control equipment utilized in heating and ventilating and the addition of electrical contrivances of all kinds, need for greater technical skill is required to assure uninterrupted operation. During the past year a small flame induced incinerator was constructed and put into operation.

Approximately 70% of all patient clothing and 100% of flatwork are manufactured in our sewing room. Patient clothing is furnished in its entirety by approximately 1% of the families, while approximately 10% furnish clothing in part. The clothing room, which is the point of control of issue and condemnation, has been the contributing factor, together with sewing room production, to getting more use from the clothing dollar.

During the past year the laundry handled a monthly average of 238,000 pounds of patient clothing plus all patient flatwork; 3,654 patients' ironed pieces; 1,700 pieces of patient dry cleaning on a regular schedule, in addition to 2,520 hand-ironed employees' pieces, plus 7,340 pieces of employees' flatwork. During the fiscal year 1956, we will reach the maximum production of present equipment and will have to operate on a two shift basis to handle the increased load of the two new buildings.

Domestic service is furnished to resident personnel in 259 individual rooms and apartments, with janitor services for institution offices and buildings. A patient domestic service training program is conducted.

Transportation is furnished by the garage unit for all motorized food services, laundry pick-up and delivery, garbage, trash and, in addition, services all motorized equipment and makes minor repairs. The reduction in public transportation schedules requires that employees be transported to Pikesville on the early morning and late night shifts, in addition to operation of an intermural patient and employee bus service.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Patients Clothed by Hospital.....	1,404	1,683	1,890	2,189
Cost Per Patient Clothed.....	\$27.76	\$25.12	\$27.52	\$20.21
Laundry Work Load (pounds per month)	238,000	317,543	396,930	396,930
Annual Program Per Capita.....	\$368	\$351.78	\$315	\$295.28
Program Cost Per Patient Per Day.....	\$1.01	\$.96	\$.86	\$.80

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	97	97	98
01 Salaries and Wages of Employees.....	298,059	303,772	306,848
06 Fuel	83,895	126,804	123,810
07 Motor Vehicle Operation and Maintenance	5,149	5,405	5,394
08 Contractual Services	67,729	97,037	85,882
09 Supplies and Materials.....	122,838	124,695	119,228
10 Equipment—Replacement	2,064	4,050	10,301
11 Equipment—Additional	2,383	120	1,700
13 Fixed Charges	792	325	.....
Total Operating Expenses.....	284,850	358,436	346,315
Total Expenditure	582,909	662,208	653,163
Original General Fund Appropriation.....	579,549		
Transfer of General Fund Appropriation	3,428		
Total General Fund Appropriation.....	582,977		
Less: General Fund Reversion.....	68		
Net General Fund Expenditure.....	582,909	662,208	653,163

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	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Capital Funds:			
Appropriation			116,250

Budget Bill Text:

10.03.05.03 Household and Property Services			
General Fund Appropriation.....			653,163

MEDICAL CARE OF PATIENTS—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

This program comprises all medical and nursing care within the institution. The medical program includes psychiatric care, both with medication and various forms of psychotherapy, care of somatic illness, including a wide variety of surgical procedures, and laboratory tests and procedures of various kinds. This program includes the activities of the Psychology Department in psychometric evaluation and psycho-diagnostic testing. There is an active admission service, averaging around 3 patients per week. These include infants and small children requiring nursery or bed care and numerous children and young adults suffering from a variety of personality disorders having in common the factor of limitation of intellectual performance. There are 315 patients suffering from some degree of cerebral palsy, many requiring bed care. The number of active tuberculosis cases has been reduced to 18, with annual surveys and careful testing of suspicious cases, affording assurance that the incidence of fresh cases within the institution population is rare. Numerous patients presenting management problems due to disturbed behavior are being brought under control either by an active milieu therapy program or by the use of new medications. An evaluation of these was begun in 1955, and will be extended in 1956 to provide a basis for valid estimation of their efficacy; a favorable outcome of the evaluation should result in the widespread use of these drugs. The first phase of the study will be completed by February 1956, and the final phases by July 1956. Preliminary observations of their usefulness indicates that about 300 of our present institution population should benefit substantially from the tranquilizing effects of these agents.

Consultants are employed in every phase of medical and surgical endeavor and contribute not only to diagnostic understanding but the therapeutic benefit of the patients referred to them. Use of the Standard Nomenclature of Diseases and Operations has resulted in a more flexible and accurate system for making and recording psychiatric, medical and surgical diagnoses and procedures.

Major problem areas still exist in the control of disturbed behavior, especially among low-grade patients, and the need for extension of a psychiatric program into all phases of institution life.

The average stay expectancy upon admission varies with the fundamental diagnosis and degree of limitation observed. About 75% of patients admitted can be expected to remain for the rest of their lives, either as nursing-care cases or ambulatory custodial patients; many of these can be expected to lead productive lives within the institution. The remaining 25% can be expected to return to the community by the time they reach early adulthood.

The in-patient population for fiscal year 1955 included:

Population over 65.....	15 cases	0.9%
Tuberculosis	18 cases	1.1%
Epileptics	345 cases	20.8%
Children 16 and under.....	723 cases	43.9%
Completely bedridden	213 cases	12.8%
Nursery patients	154 cases	9.4%
Spastic patients	315 cases	19.2%

Daily Average Patients Under Treatment:

Shock Treatment (all types).....	None	
Individual Psychotherapy	17 patients—	635 treatments
Group Therapy	20 patients	
Physiotherapy	2,304 treatments	

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Dental Care:

Patients examined 2,394
 Number of Treatments..... 3,402

Special Psychiatric Therapy:

Reserpine 77 patients
 Anti-convulsive treatments 345 patients— 4,243 treatments

Number Of:

X-rays 3,193 patients— 4,582 procedures
 Autopsies 23
 Laboratory procedures 2,790 patients— 10,438 treatments
 Psychological tests 738 patients— 1,227 tests
 Surgical Operations 414 patients— 414 procedures

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Annual Program per capita.....	\$580.63	\$510.69	\$540.34
Program cost per patient per day.....	\$1.59	\$1.40	\$1.48

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	331	359	429
01 Salaries and Wages of Employees.....	923,930	1,012,624	1,116,410
02 Technical and Special Fees.....	9,233	12,700	12,370
04 Travel	155	192	245
07 Motor Vehicle Operation and Maintenance	547	580	728
08 Contractual Services	1,612	2,360	4,293
09 Supplies and Materials.....	26,208	31,411	45,622
10 Equipment—Replacement	332	8,836	8,827
11 Equipment—Additional	38	3,746	6,748
Total Operating Expenses.....	28,892	47,125	66,463
Total Expenditure	962,055	1,072,449	1,195,243
Original General Fund Appropriation.....	952,025		
Transfer of General Fund Appropriation	10,600		
Total General Fund Appropriation.....	962,625		
Less: General Fund Reversion.....	570		
Net General Fund Expenditure.....	962,055	1,072,449	1,195,243

Capital Funds:

Appropriation	466,250	167,600
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Budget Bill Text:

10.03.05.04 Medical Care of Patients		
General Fund Appropriation.....		1,195,243

REHABILITATION AND RECREATION OF PATIENTS— ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

This program is entrusted with the total scope of patient rehabilitation with the exception of medical care, specific psychotherapy and social case work. It includes academic education, recreational therapy, occupational therapy, industrial therapy and

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vocational guidance, musical therapy and education, and speech training and therapy. It includes also the amalgamation of these various activities into a combined effort, utilizing a team approach, to bring about maximum personality stabilization and potentialities for educational growth. A complete rehabilitation program aims not only at preparing patients for readjustment to normal extramural society but, for these patients who will remain in the institution, at bringing about maximum comfort, self-awareness, and the feeling of usefulness. These aims are accomplished by instructional techniques which must compensate for the patients' intellectual limitations and by self-expression geared to varying levels of motor and integrative ability.

1954 and 1955 saw the application of the team approach to pre-parole patients, to disturbed patients requiring primarily intramural stabilization and support, and to some extent to younger patients of school age. The principal recent development in Program V is the establishment of an advisory committee representing various disciplines, attempting not only to develop specific curricula and techniques for their implementation but also to weld together in a unified, coordinated and psychodynamically oriented program, all phases of the patient's life within the institution. The eventual aim of this, beginning with the most accessible and mentally advanced patient groups, is to establish a life-plan for every kind of patient within the institution.

1957 will hopefully see the healthy growth of the entire rehabilitation program, with extension of the total-push to include the hitherto unexplored areas of the more seriously retarded and infirm.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total number of patients reached.....	1,392	1,475	1,650	1,900
Patients reached:				
Recreation	1,227	1,401	1,575	1,800
Occupational Therapy	196	129	130	120
Music	528	420	1,000	1,000
School	220	206	300	350
Industrial Therapy	582	595	650	675
Daily average patients under treatment:				
Recreation	433	556	825	1,050
Occupational Therapy	60	51	60	60
School	164	175	500	600
Industrial Therapy	532	545	600	625
Annual Program per capita.....	\$72.11	\$70.06	\$68.09	\$64.68
Program cost per patient per day.....	\$.197	\$.191	\$.186	\$.1776

Appropriation Statement:	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	34	39	40
01 Salaries and Wages of Employes.....	109,086	130,614	134,103
02 Technical and Special Fees.....	40	.....	.....
04 Travel	69	73	100
07 Motor Vehicle Operation and Maintenance	545	362	600
08 Contractual Services	1,471	1,845	1,890
09 Supplies and Materials.....	4,231	9,375	5,365
10 Equipment—Replacement	101	251	698
11 Equipment—Additional	531	448	690
13 Fixed Charges	10	19	19
Total Operating Expenses.....	6,958	12,373	9,362
Total Expenditure	116,084	142,987	143,465
Original General Fund Appropriation.....	117,022		
Transfer of General Fund Appropriation	—400		
Total General Fund Appropriation.....	116,622		
Less: General Fund Reversion.....	538		
Net General Fund Expenditure.....	116,084	142,987	143,465

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Budget Bill Text:

10.03.05.05 Rehabilitation and Recreation of Patients
 General Fund Appropriation..... 143,465

SOCIAL SERVICES—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

The Social Services act as the liaison with the child, the family, the community and the institution, augmenting treatment to facilitate the movement of patients in and out of Rosewood. As part of a psychiatric team in the pre-admission diagnostic and consultation service, the case worker secures and evaluates social history factors, helps the family review the services of the institution and makes available to them resources in the community as indicated. Following the staff review of the medical, psychological, and social information, their recommendations are sent or interpreted by interviews with the family or agency. The pre-admission determines those who are mentally retarded and in need of institutional care. Of the 234 cases seen in pre-admission, 72 were referred to social agencies, 21 declined the service, 8 were unable to use it, 1 died, and 132 were admitted.

A diagnostic and consultation service was inaugurated in February to offer service to the Department of Public Welfare's emotionally disturbed children in foster care or for whom foster care was being planned and psychiatric help seemed needed. This service was limited to Baltimore County and Baltimore City as we began the service with no additional personnel. Instead, we reduced the services to the retarded from five days to four. This service cannot be expanded with our present staff without decreasing its efficiency.

Interim services were offered to 168 cases during the year. This included casework services directly with the patient in helping him adjust; casework with families who needed help to understand the retardation of their child and the reason for our services; home investigations prior to visits and parole, and casework with parents while the child was in therapy with the psychiatrist. This last service was new, was offered to only five cases, but with suitable staffing, can be offered in the new buildings. This service to parents is essential.

Pre-parole services are offered to patients following medical referral when it is felt they are ready to leave. The patient and the family are helped to look at what return to the community means and their responsibilities in this step.

Foster care services are offered to those patients whose families are unable or unwilling to help. In these cases, Social Service helps the patient to find a home and a job in the community, and continues to give supervision until the patient is able to make responsible decisions on his own. Board is paid by the hospital only if the patient is not able to work and if there are no private or community resources available.

	ACTUAL	ESTIMATED	ESTIMATED
	1955	1956	1957
Total number of patients served.....	600	725	1,060
Total number of interviews.....	5,482	5,800	7,420
Total cost per active assigned case.....	\$47	\$76	\$76
Total number of cases assigned.....	870	1,077	1,523
Pre-admission	241	270	376
Admissions	201	225	250
Interim Service	198	225	300
Pre-parole counseling	47	85	115
Clinic assistance	13	20	30
Supervised parole	14	20	30
Pre-placement	60	105	150
In foster care.....	82	127	272
Administrative Services	356	400	550
Number of cases per month awaiting assignment.....	3	3	3
Foster care, total number served.....	81	100	125
Total number placed.....	24	50	45
Monthly average number boarded by hospital....	6.1	10	12
Daily average	53.26	70	85
Discharged from foster care.....	10	13	16
Annual program per capita.....	\$25.02	\$25.15	\$27.24
Program cost per patient per day.....	\$.0685	\$.0689	\$.0746

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	12	13	16
01 Salaries and Wages of Employees.....	36,871	45,113	51,915
04 Travel	150	274	159
07 Motor Vehicle Operation and Maintenance	527	1,100	941
08 Contractual Services	3,420	5,286	5,185
09 Supplies and Materials.....	467	250	250
10 Equipment—Replacement .....	.....	.....	980
11 Equipment—Additional .....	.....	780	807
13 Fixed Charges	25	25	25
Total Operating Expenses.....	4,589	7,715	8,347
Total Expenditure	41,460	52,828	60,262
Original General Fund Appropriation.....	43,735		
Transfer of General Fund Appropriation	—2,230		
Total General Fund Appropriation.....	41,505		
Less: General Fund Reversion.....	45		
Net General Fund Expenditure.....	41,460	52,828	60,262

Budget Bill Text:

10.03.05.06 Social Services		
General Fund Appropriation.....		60,262

EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

The aims of this program are:

1. To develop a residency training program within the State Hospital System in order to prepare residents in training for certification by the American Board of Psychiatry and Neurology.
2. To build a staff of trained psychiatrists to serve as a faculty for training residents and to serve as a nucleus for further research and investigation in the fields of mental deficiency and child psychiatry.
3. To attain and maintain high standards for accreditation by the American Medical Association and the American Psychiatric Association.
4. To establish affiliation with the medical universities of the state.
5. To stimulate interest and attract medical school graduates into hospital psychiatry as a career.
6. To develop a reserve of trained certified psychiatrists from which may be selected future replacements for the staffing of the State hospitals.

This department strives to stimulate intellectual environment with the subsequent satisfactions of research and investigation, the satisfaction of reaching larger numbers of patients, and the satisfactions of working with numerous mental disease entities. Prior steps are necessary in building an effective psychiatric team which reaches and treats patients and sees its results in tangible and quantifiable terms. Such results may attract qualified psychiatric workers and maintain interest in the program. Methods for combining these aims are by establishing an experimental teaching unit. This is similar to the psychiatric clinic team but elaborated to include staff in allied disciplines. The unit provides supervision and training for all its workers whose work is coordinated and managed at staff level. The testing ground for the efficacy of the unit as a clinically going concern as well as a training area is in the treatment, rehabilitation and parole of those patients within the institution who are psychiatrically amenable to treatment and who are rehabilitatively parolable.

DEPARTMENT OF MENTAL HYGIENE

During Fiscal 1955 the following activities were included:

1. Teaching consultations in child psychotherapy for psychiatrists and psychologists: 60 hours.
2. Formal lectures, staff meetings, for all professional personnel: 120 hours (Preliminary and Diagnostic Staffs, Teaching Rounds, Journal club).
3. Supervision for specific professional groups individually and in staff conferences: 77 hours (Social Service).
4. Experimental Teaching Unit (staff workshops with a selected patient group): 200 hours.
5. Special lectures, seminars, meetings, including affiliation with Johns Hopkins and University of Maryland Medical Schools: 50 hours.
6. Rosewood Practical Nursing Course: 408 hours; 25 students. (Of these students, 9 were licensed, 7 are working here at Rosewood).
7. Affiliate Nurses: 150 hours, 60 students.

During Fiscal 1955 application was made for one year of residency training. Favorable decisions on these, if obtained, will result in expansion of the present training program. Teaching consultations now include supervision in an out-patient clinic service for non-defective, emotionally disturbed children in anticipation of in-patient unit for disturbed children to be erected in Fiscal 1957.

Plans for Fiscal 1957 include expansion of the present Experimental Teaching Unit to include youngsters of school age to provide a dynamically oriented program of rehabilitation for patients and in-service training for staff as applies to this younger age group.

	ACTUAL 1955	ESTIMATED 1956	REQUESTED 1957
Program cost per capita.....	\$13.58	\$17.83	\$19.32
Program cost per patient per day.....	\$.0372	\$.0488	\$.0529

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	7	8	10
01 Salaries and Wages of Employees.....	18,019	31,083	35,053
02 Technical and Special Fees.....	3,050	4,500	6,100
04 Travel	384	450	260
08 Contractual Services	193	205	205
09 Supplies and Materials.....	124	350	420
10 Equipment—Replacement .....	.....	165	.....
11 Equipment—Additional	505	465	518
13 Fixed Charges	235	225	200
Total Operating Expenses.....	1,441	1,860	1,603
Total Expenditure	22,510	37,443	42,756
Original General Fund Appropriation.....	29,754		
Transfer of General Fund Appropriation	—6,880		
Total General Fund Appropriation.....	22,874		
Less: General Fund Reversion.....	364		
Net General Fund Expenditure.....	22,510	37,443	42,756

Budget Bill Text:

10.03.05.07	Education and Training of Professional Personnel General Fund Appropriation.....	42,756
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DEPARTMENT OF MENTAL HYGIENE

RELIGIOUS AND COMMUNITY SERVICES— ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

The focus of this program is upon encouraging the growth of these personality traits which are related to the formation of socially acceptable habits and the ability to live constructively with others. Religious guidance is given by the staff chaplains, Roman Catholic, Protestant, and Hebrew, who provide spiritual comfort and counseling to patients of all faiths. Our far-range program is to make our hospital available for specialized training to clergy, seminarians and theologians, not only that they may extend the fundamentals of character building to greater numbers of patients in our hospital but also that they may be prepared to interpret the problems inherent in mental-retardation to the community.

Community interest in helping the handicapped child is manifest in the various services of the volunteer workers, who join and supplement the treatment teams in the areas of medical, rehabilitation and social services. In this way the volunteers extend the techniques of professional personnel to increasing numbers of patients. The friendly personal relationships that develop facilitates the rehabilitation of patients within the hospital, and accelerates their readjustment in the community when they leave. The community in turn gains greater understanding and appreciation of the problems and needs of the mentally retarded child.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Religious Services (weekly):			
Paid staff clergy.....	6	6	6
Volunteer clergy, seminarians, laymen.....	33	33	35
Patients attending formal services weekly..	475	650	650
Patients attending volunteer services weekly	354	354	360
Hours of service weekly—Religious.....	54	60	75
Volunteer organizations	119	120	125
Volunteer workers	216	230	230
Hours of service weekly—All Other.....	201	210	220
Percent patient participation.....	65%	65%	65%
Valuation of gifts (equipment, supplies, expendables, etc.)	\$27,109	\$35,000	\$35,000
Annual program per capita.....	\$4.37	\$4.03	\$3.99
Program cost per patient per day.....	\$.0119	\$.0110	\$.0109

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	2	2	2
01 Salaries and Wages of Employees.....	5,091	5,945	6,159
02 Technical and Special Fees.....	1,410	2,060	2,120
04 Travel	49	110	96
08 Contractual Services	166	184	234
09 Supplies and Materials.....	354	171	181
11 Equipment—Additional	172	.....	33
13 Fixed Charges .....	.....	.....	10
Total Operating Expenses.....	741	465	554
Total Expenditure	7,242	8,470	8,833
Original General Fund Appropriation.....	8,051		
Transfer of General Fund Appropriation	—690		
Total General Fund Appropriation.....	7,361		
Less: General Fund Reversion.....	119		
Net General Fund Expenditure.....	7,242	8,470	8,833

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.05.08 Religious and Community Services
 General Fund Appropriation..... 8,833

RESEARCH—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

A sound and continually growing research program is a vital part of any institution as it contributes to the understanding of particular problems and tends to raise the level of clinical judgment and evaluation of results. An institution dealing with the obscure problems of the nature and etiology of mental deficiency cannot afford to neglect the responsibility of finding out as much as it can about mental deficiency in its various phases. Conversely, the most valuable research in mental deficiency will inevitably come from direct study of clinical material. Modern research in general depends on accurate observation and recording of data for purposes of intensive study, and special techniques, principally statistical, for the interpretation of data. Research in mental deficiency has as its aims search for factors in the etiology of mental defect which might decrease the future incidence of this condition; improvement of diagnostic and treatment techniques of patients; reduction of disabling or uncomfortable symptoms of patients to a minimum, thereby giving the handicapped greater latitude of activity and a maximum utilization of potentialities.

In 1955 a study of epileptic patients, with reference to localizing lesions as determined by pneumoencephalography, got underway. Contributions were made by staff personnel concerning group therapy and milieu therapy for mental defectives, and a statistically evaluated study of extramural parole successes and failures.

In 1956 the study of epileptics will continue and the study of central nervous system lesions in mongolism will commence. In 1956 the following projects are also planned (some already under way): group therapy among male pre-parole candidates, an intensive follow-up study of preadmission applicants (particularly those referred back to community resources), intensive studies of motivational factors producing good performance among attendants and group work with attendants along group therapy lines, and an evaluation of drug therapy (reserpine) in the control of disturbed behavior among mental defectives.

In 1957 the studies of epileptics and mongoloid patients will continue and will be augmented by the commencement of an evaluation of a hitherto untried surgical procedure for the correction of hydrocephalus. Also planned for 1957; a detailed and intensive study of motor attitudes among mental defectives, as recorded by motion picture and still photography and artist's drawings, with particular reference to aggressive attitudes and motor behavior. Study of the exciting or quieting effect of various types of sensory stimulation, with particular references to the effect of anxiety on the learning process.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Annual program cost per capita.....	\$3.22	\$1.91	\$4.13
Program cost per patient per day.....	\$.0088	\$.0052	\$.0113

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
02 Technical and Special Fees.....	3,836	3,575	7,700
08 Contractual Services	943	202	195
09 Supplies and Materials.....	568	195	1,049
11 Equipment—Additional .....	.....	50	205
Total Operating Expenses.....	1,511	447	1,449
Total Expenditure	5,347	4,022	9,149
Total General Fund Appropriation.....	5,764		
Less: General Fund Reversion.....	417		
Net General Fund Expenditure..	5,347	4,022	9,149

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.05.09 Research
 General Fund Appropriation..... 9,149

FARM OPERATION AND MAINTENANCE—ROSEWOOD STATE TRAINING SCHOOL

Program and Performance:

The Rosewood farm produces beef, pork, and food crops for the dietary service. The farm budgets and the farm production quotas were reduced during the past two years pending reestablishment of farm buildings and livestock facilities. One beef cattle barn and two hay barracks were destroyed by fire during 1954 and this placed a handicap on maintaining production schedules. Facilities are being reestablished during 1956. Livestock is raised for the production of beef and pork and a small acreage is used for producing vegetables and fruits.

It is expected, in 1956, that there will be 424 acres of land used for farming purposes. In the crop rotation schedule, 317 acres are used for the growing of livestock feed, 21 acres are utilized for growing food crops and 86 acres are planted in permanent pastures. Again, in 1956, we are forced to give up land for building expansion. This means we will have to reestablish a new pasture at another location.

Soil Conservation work, including drainage will be accomplished as soon as possible in the new farm group at the Brick House Farm.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Value of Food to Institution.....	\$21,173	\$23,410	\$26,250	\$35,000
Annual Production Value Per Employee.....	5,293	4,682	5,250	7,000
Number Acres Used for Farming.....	424	424	424	400

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	5	5	5
01 Salaries and Wages of Employees.....	16,563	16,761	16,807
06 Fuel			65
07 Motor Vehicle Operation and Maintenance	1,842	1,922	2,000
08 Contractual Services	480	493	868
09 Supplies and Materials.....	3,511	4,170	5,027
10 Equipment—Replacement		800	
11 Equipment—Additional	102	500	
14 Land and Structures.....		200	125
Total Operating Expenses	5,935	8,085	8,085
Total Expenditure	22,498	24,846	24,892
Original General Fund Appropriation.....	19,585		
Transfer of General Fund Appropriation	2,951		
Total General Fund Appropriation.....	22,536		
Less: General Fund Reversion.....	38		
Net General Fund Expenditure.....	22,498	24,846	25,365

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.05.10 Farm Operation and Maintenance
 General Fund Appropriation..... 25,365

SUMMARY OF SPRINGFIELD STATE HOSPITAL

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Total Number of Authorized Positions.....	949	982	1,019
Salaries and Wages of Employees.....	2,794,366	2,907,438	3,016,437
Technical and Special Fees.....	21,011	23,412	23,745
Operating Expenses	1,156,465	1,340,494	1,315,231
Original General Fund Appropriation.....	4,007,122		
Transfer of General Fund Appropriation.....	—31,236		
Total General Fund Appropriation.....	3,975,886		
Less: General Fund Reversion.....	4,044		
Net Total General Fund Expenditure.....	<u>3,971,842</u>	<u>4,271,344</u>	<u>4,355,413</u>
Capital Funds:			
Appropriation	<u>514,800</u>		<u>355,480</u>

GENERAL ADMINISTRATION—SPRINGFIELD STATE HOSPITAL

Program and Performance:

Springfield State Hospital was established in 1896 at Springfield, in Sykesville, Carroll County, Maryland. White male and female mentally sick patients from Baltimore City and from the central and western counties of the State receive care and treatment, as do the white tuberculosis and epileptic psychotic patients from the entire State. The property consists of 1,382 acres of which 786 are used for farming and allied activities.

The first unit of the Geriatric Division of the Hospital should be ready for occupancy about April 1, 1957, and will accommodate 140 patients.

The Hospital has a capacity of 2,774. On the basis of the daily average population in 1955 of 3,430, the average square feet of bed space per patient is 48.9. With an anticipated daily average population in 1957 of 3,540, the average square feet of bed space per patient is 47.5, without giving consideration to the proposed Geriatric Building.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Admissions (Total)	1,067	1,163	1,263	1,363
Discharges	636	874	947	1,022
Deaths	233	260	.....	.....
Total Patient Days.....	1,227,894	1,254,367	1,325,286	1,292,100
Average Daily In-Patient Population	3,360	3,430	3,621	3,540
Total Number of Authorized Positions	916	949	982	1,019
Ratio-Total Positions to Population	1:3.7	1:3.6	1:3.7	1:3.4
Total Annual Per Capita.....	\$1,135	\$1,158	\$1,180	\$1,230
Total Cost Per Patient Per Day..	\$3.11	\$3.17	\$3.23	\$3.36

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	31	31	31
01 Salaries and Wages of Employees.....	119,584	120,751	122,481
03 Communication	15,185	14,715	15,163
04 Travel	141	125	160
07 Motor Vehicle Operation and Maintenance	1,002	1,007	972
08 Contractual Services	1,187	1,198	1,365
09 Supplies and Materials.....	1,681	1,604	1,678
10 Equipment—Replacement .....	.....	1,200	1,275
11 Equipment—Additional	6,255	766	223
13 Fixed Charges	455	348	476
Total Operating Expenses.....	25,906	20,963	21,312
Total Expenditure	145,490	141,714	143,793
 Original General Fund Appropriation.....	 141,178		
Transfer of General Fund Appropriation.	4,472		
Total General Fund Appropriation.....	145,650		
Less: General Fund Reversion.....	160		
Net General Fund Expenditure.....	145,490	141,714	143,793

Budget Bill Text:

10.03.06.01	General Administration General Fund Appropriation.....	143,793
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DIETARY SERVICES—SPRINGFIELD STATE HOSPITAL

Program and Performance:

Dietary Services involves the planning, preparation, cooking, transportation, and the serving of food to employees and patients.

In the planning of food served to patients a basic ration, as recommended by the Department of Mental Hygiene, is followed. It is the function of the Dietary Department to serve this ration in a palatable and sanitary manner, and to vary its preparation in order to meet the individual needs of our patients. This entails the preparation of special therapeutic diets for the physically sick, pureeing of foods for the elderly and debilitated, and providing extra nourishment for our patients suffering from tuberculosis and malnutrition.

In 1955, there were four kitchens and 38 serving areas in 26 buildings. There will be one kitchen and 40 serving areas in 27 buildings when the Central Kitchen and Geriatrics Buildings are built.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Regular Patient Meals				
Served	3,464,550	3,488,601	3,975,858	3,876,300
Total Special Diets Served.....	327,207	352,571	351,085	370,625
Daily Student Meals Served.....	19,903	18,774	56,100	51,372
Total Employee Meals Served.....	136,435	132,069	135,000	135,500
Daily Edible Food Waste				
Per Patient	5.5 oz.	6.57 oz.	.....	.....
Total Daily Patient Per Capita				
Food Cost	\$.59450	\$.49329	\$.5843	\$.5726
Annual Program Per Capita.....	\$251.36	\$236	\$269	\$280

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

		1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
	Number of Authorized Positions.....	95	98	103
01	Salaries and Wages of Employees.....	266,175	255,086	284,837
04	Travel	16	25	20
05	Food	533,028	679,365	663,409
07	Motor Vehicle Operation and Maintenance	2,276	1,993	4,112
08	Contractual Services	4,892	5,613	5,279
09	Supplies and Materials.....	21,307	27,311	22,218
10	Equipment—Replacement	1,202	856	11,263
11	Equipment—Additional	3,326	3,892	150
13	Fixed Charges	30	30	.....
	Total Operating Expenses.....	566,077	719,085	706,451
	Total Expenditure	832,252	974,171	991,288
	Original General Fund Appropriation.....	895,197		
	Transfer of General Fund Appropriation.....	—61,350		
	Total General Fund Appropriation.....	833,847		
	Less: General Fund Reversion.....	1,595		
	Net General Fund Expenditure.....	832,252	974,171	991,288

Budget Bill Text:

10.03.06.02	Dietary Services General Fund Appropriation.....	991,288
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HOUSEHOLD AND PROPERTY SERVICES—SPRINGFIELD STATE HOSPITAL

Program and Performance:

This program provides the everyday living necessities for patients and for some employees. These necessities include light, heat, power, water, sewage, clothing and shelter.

The hospital is self-sufficient in respect to utilities, in that it has a complete power plant supplying electricity and heat, modern water filtration and treatment facilities, and new sewage disposal equipment. The boilers, with a capacity of 265,000 pounds of steam per hour, operate the electric generators which have a capacity of 6,000,000 kilowatt hours per year. Steam is also produced for heating of the major hospital buildings, heating water, operating the laundry, kitchen and cannery. The water filtration and treatment plant capacity is 1,500,000 gallons per day. This plant, in addition to meeting the water needs of Springfield State Hospital, also supplies water to the Henryton State Hospital (425 beds). Seventy-nine buildings, with 1,046,000 square feet of floor space, must be heated and maintained. Ninety-two percent of the maintenance work is performed by hospital personnel, with approximately 2,220 maintenance work orders handled monthly. A study to determine future power plant needs is now in progress.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Patients Clothed by Hospital.....	2,318	2,500	2,500	2,580
Cost Per Patient Clothed.....	\$28.57	\$30.01	\$32.50	\$30.05
Annual Program Per Capita.....	\$211	\$206	\$202	\$208
Program Cost Per Patient Per Day.....	\$.57	\$.56	\$.55	\$.57
Laundry Work Load (Lbs. per Month)...	.....	395,860	400,020	404,180

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	93	94	97
01 Salaries and Wages of Employees.....	297,847	290,524	312,510
04 Travel	60	60	60
06 Fuel	179,662	221,033	189,133
07 Motor Vehicle Operation and Maintenance	8,930	7,548	8,441
08 Contractual Services	19,460	15,439	17,700
09 Supplies and Materials.....	193,482	184,687	193,962
10 Equipment—Replacement	4,243	12,424	11,211
11 Equipment—Additional	3,795	245	1,957
13 Fixed Charges	3	5	5
Total Operating Expenses.....	409,635	441,441	422,469
Total Expenditure	707,482	731,965	734,979
Original General Fund Appropriation.....	690,950		
Transfer of General Fund Appropriation	16,625		
Total General Fund Appropriation.....	707,575		
Less: General Fund Reversion.....	93		
Net General Fund Expenditure.....	707,482	731,965	734,979
Capital Funds:			
Appropriation	134,500		355,480
Budget Bill Text:			
10.03.06.03 Household and Property Services			
General Fund Appropriation.....			734,979

MEDICAL CARE OF PATIENTS—SPRINGFIELD STATE HOSPITAL

Program and Performance:

The function of this program is to provide psychiatric and medical treatment for all patients. The program includes the medical staff, dentists, medical consultants of different specialties, psychology department, nursing service, physiotherapy department, pharmacy, laboratory, medical records department and medical library.

The admission rate has continued to climb steadily during the past year and the average daily population has increased. The total number of the population has not risen markedly, however, due to a high discharge rate.

The Medical and Surgical Building that was opened last year has improved the quality of our service and has taken considerable pressure off the different infirmary wards. Similarly, better utilization of the convalescent cottages, with a concerted team effort on rehabilitation, has resulted in faster movements of patients. To what extent therapy with Chlorpromazine and Reserpine may have contributed to this is difficult to evaluate at present. So far we can safely state that they have a tranquilizing effect on patients and have changed the character of the disturbed wards. More extensive use of these drugs in the admission area, as well as in continued treatment groups, is in process.

The first part of a new geriatric building, with a capacity of 140 patients, will be opened in the spring of 1957. This will relieve some of the overcrowding which is particularly prominent in the cottages for the aged. Although these elderly people may not become self-supporting again, a sizeable number can be helped to live outside the hospital.

The In-Patient population for fiscal year 1955 included:

Population:	NUMBER	PERCENTAGE
65 years of age and over.....	987	28.6
Tubercular	100	2.9
Epileptic	310	8.08
Children, 16 years and under.....	8	.2
Completely bedridden	152	4.4
Mentally retarded	456	13.2

DEPARTMENT OF MENTAL HYGIENE

	NUMBER OF PATIENTS	NUMBER OF TREATMENTS	DAILY AVERAGE PATIENTS UNDER TREATMENT
Treatment:			
Electroconvulsive Therapy...	488	8,159	48+ (based on 2Rx a week)
Insulin—Deep Coma	41	2,149	10
Individual Psychotherapy.....	158	2,200 hours	
Group Psychotherapy		108 sessions	
Total Dental Care.....		5,791	
	NUMBER		NUMBER
X-rays	4,835		
Autopsies	109		
Laboratory Procedures:			
Photographs, clinical and pathological	3,210		
Histological examinations	326		
Surgical Pathology	41		
Clinical Pathology, Routine.....	11,658		
Clinical Pathology, Special.....	14,056		
Biochemistry, routine.....	3,060		
Biochemistry, special	3,797		
Bacteriology	325		
Serology	2,929		
Spinal fluid examinations.....	300		
B M R.....	69		
E K G.....	95		
E E G.....	87		
Psychological Tests:			
Type of tests.....			19
Number of tests.....			2,409
No. of Patients tested.....			665
Surgical Operations Performed:			
Major			27
Minor			55
Casts applied			25
Neurosurgery			4
Consultations:			
General Surgery			134
Internal Medicine			160
Neurology			10
Ophthalmology—18 clinics, 82 refractions, 54 examinations, 65 re-checks			

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Annual Program Per Capita Cost.....	\$536	\$569	\$563	\$595
Program Cost Per Patient Per Day.....	\$1.46	\$1.56	\$1.54	\$1.63

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	646	671	698
01 Salaries and Wages of Employees.....	1,859,196	1,961,340	2,005,591
02 Technical and Special Fees.....	13,285	14,825	14,825
04 Travel	676	962	968
07 Motor Vehicle Operation and Maintenance	780	1,090	1,022
08 Contractual Services	1,899	2,467	2,361
09 Supplies and Materials.....	74,929	50,974	72,593
10 Equipment—Replacement	770	4,523	5,472
11 Equipment—Additional	1,093	2,801	2,279
Total Operating Expenses.....	80,147	62,817	84,695
Total Expenditure	1,952,628	2,038,982	2,105,111
Original General Fund Appropriation.....	1,923,933		
Transfer of General Fund Appropriation..	30,054		
Total General Fund Appropriation.....	1,953,987		
Less: General Fund Reversion.....	1,359		
Net General Fund Expenditure.....	1,952,628	2,038,982	2,105,111

DEPARTMENT OF MENTAL HYGIENE

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Capital Funds:			
Appropriation	380,300		5,350

Budget Bill Text:

10.03.06.04	Medical Care of Patients	
	General Fund Appropriation.....	2,105,111

REHABILITATION AND RECREATION OF PATIENTS— SPRINGFIELD STATE HOSPITAL

Program and Performance:

Rehabilitation of patients is a program of therapeutic services which has as its primary objective the provision of prescribed therapeutic treatment, such as stimulation or sedation, re-socialization, re-education, and the forms of treatment desired through the educational, industrial, music, occupational, and recreational therapies. Approved rehabilitation techniques are applied under the doctors' supervision to accomplish the above and thus contribute to a more rapid return of the patient to the community.

In 1955, 2,230 patients (65%) were provided with rehabilitation services, some of them receiving more than one type of therapy. A total of 143,507 treatments were given as follows, out of 3,430 patients.

	NO. OF PATIENTS REACHED DAILY	NO. OF DAILY TREATMENTS
Occupational Therapy	198—7%	221
Recreational Therapy	301—9%	308
Industrial Therapy	34—1%	.....
Music Therapy	19— .5%	38
School	16— .5%	.....

Approximately 62% of the patients received benefit from entertainment activities which includes movies, parties, dances, and band concerts. The entertainment is on a diversional rather than a prescription basis. Instruction in music was given to about 133 patients. This group includes the band, orchestra, and choir which furnish music for parties, picnics, dances, and religious services. The Industrial Therapy program has had a slight increase in placing patients in the hospital industry, with the doctors' guidance.

With two more Aides allocated to Rehabilitation in the 1956 budget, a more qualitative job should be done. The present level of Recreation, Occupation, and Industrial Therapy is barely adequate with our present personnel. The opening of the Home Economics Unit will reach more patients through the educational program and give some vocational type training. With the combined efforts of the various rehabilitation services, as part of the over-all treatment team, there should be an increased number of patients moving from the hospital.

In 1957, efforts will be made to maintain as high a degree of performance as possible. New personnel will be allotted to new areas being built. Present personnel, through as integrated a program as possible, will assist in the treatment and movement of patients.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Annual Program Per Capita Cost.....	\$29.13	\$29.84	\$32.52	\$34.01
Program Cost Per Patient Per Day....	\$.080	\$.081	\$.088	\$.093

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	32	34	35
01 Salaries and Wages of Employees.....	95,388	103,633	106,154
02 Technical and Special Fees.....	.....	87	.....
04 Travel	13	280	269
08 Contractual Services	1,623	1,555	1,899
09 Supplies and Materials.....	4,739	11,606	11,098
10 Equipment—Replacement	445	90	595
11 Equipment—Additional	122	480	377
13 Fixed Charges	12	8	12
Total Operating Expenses.....	6,954	14,019	14,250
Total Expenditure	102,342	117,739	120,404
Original General Fund Appropriation.....	102,150		
Transfer of General Fund Appropriation	529		
Total General Fund Appropriation.....	102,679		
Less: General Fund Reversion.....	337		
Net General Fund Expenditure.....	102,342	117,739	120,404

Budget Bill Text:

10.03.06.05 Rehabilitation and Recreation of Patients	
General Fund Appropriation.....	120,404

SOCIAL SERVICES—SPRINGFIELD STATE HOSPITAL

Program and Performance:

The objective of this program is to accelerate patient movement by extending the present social services to a larger number of the patient population and by providing for consultation on the social problems of patients to other disciplines in the hospital and to social and health agencies in the community.

In 1955, with a case work staff of 11.8 supplemented by supervisors and students assigned to cases, efforts were made to work in this direction. 1884 patients received social services during the year. Our goal for 1957 is to maintain service on the 1955 performance level.

Foster Care: Steps were taken to increase movement by (1) reducing chronicity among patients already in care; 124 were helped to financial independence from the hospital, 41 were discharged; (2) by extending social service to more patients; 241 used Foster Care sometime during the year, 108 shared in the boarding fund. The daily average rose from 121 in the first to 134.4 in the last quarter of the year.

All Others: Efforts were made particularly in these social services to work in the direction of the above objective. In December pre-admission responsibilities were included in the admission service. 140 families received pre-admission counsel, resulting in prevention of hospitalization in 37 cases so far. In one county, consultation services were set up with social and health agencies in order to implement follow-up services for paroled patients. One pre-parole worker was placed experimentally into the convalescent area, resulting in 139 patients having been reached during the year. Of these, 75 "sitters" were referred to Foster Care, 43 were either paroled to their families or discharged. An advanced group work student was placed experimentally into the Men's Group for eight months. He reached 42 new patients during that time.

These accomplishments are the result of extra-ordinary supplementations: (1) much of the experimental work in all the services was initiated and maintained by supervisory staff, or staff of supervisory caliber as demonstration projects; (2) our regular staff was supplemented substantially by exceptional, advanced students who carried a good

DEPARTMENT OF MENTAL HYGIENE

proportion of the caseload and, in addition, assisted in the experiments. In anticipating 1956, we hope that the caliber of students will be such that the level of 1955 performance can be maintained, since the one additional worker allowed us this year will only partially compensate.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
1. Total number of patients served.....	1,884	1,896	1,896
2. Total number of interviews.....	14,279	15,230	15,230
3. Total cost per active assigned case..	\$31.35	\$32.75	\$34.71
4. Total number of cases assigned.....	3,098	3,122	3,122
a. Pre-admission	692	.....	.....
b. Admissions	1,254 (1163)*	1,368 (1258)*	1,463 (1353)*
c. Interim services	39	.....	.....
d. Pre-Parole counselling	405	.....	.....
e. Clinic assistance	211	.....	.....
f. Supervised parole .....	.....	.....	.....
g. Pre-placement	240	.....	.....
h. In Foster Care.....	257	.....	.....
5. Number of cases per month waiting for assignment	31	.....	.....
6. Foster Care—Total number served..	241	253	253
a. Total number placed.....	139	144	144
b. Monthly average number boarded by hospital (whole or in part)	42	46	50
c. Daily average in Foster Care....	127.3	134	134
d. Discharged from Foster Care....	41	40	40
e. Average annual cost per patient in Foster Care.....	\$449.67	.....	.....
7. Annual Program per capita.....	\$28.29	\$27.94	\$30.00
8. Program cost per patient per day..	\$.077	\$.076	\$.082

* Actual number of admissions.

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	22	23	24
01 Salaries and Wages of Employees.....	73,487	77,152	80,181
04 Travel	2,405	2,000	2,388
07 Motor Vehicle Operation and Maintenance	1,017	939	836
08 Contractual Services	19,496	19,493	21,232
09 Supplies and Materials.....	229	200	250
10 Equipment—Replacement .....	.....	1,025	1,110
11 Equipment—Additional	63	274	136
13 Fixed Charges	59	86	86
Total Operating Expenses.....	23,269	24,017	26,038
Total Expenditure	96,756	101,169	106,219
Original General Fund Appropriation.....	94,076		
Transfer of General Fund Appropriation.	2,780		
Total General Fund Appropriation.....	96,856		
Less: General Fund Reversion.....	100		
Net General Fund Expenditure.....	96,756	101,169	106,219

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Budget Bill Text:

10.03.06.06 Social Services
 General Fund Appropriation..... 106,219

EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— SPRINGFIELD STATE HOSPITAL

Program and Performance:

This program is responsible for the education of professional personnel in the hospital. It aims to stimulate and integrate teaching activities in all departments responsible for patients' care.

For the training of psychiatric residents the hospital is accredited for two years by the American Psychiatric Association. Instruction of residents is chiefly clinical with opportunity to practice under supervision. Teaching consultants from the two medical schools of Maryland supplement the program by formal lectures and seminars. The facilities of the University Hospital are used for experience in psychotherapy with children and adult out-patients. It is hoped that an exchange of residents for a period of three months can be worked out with the Psychiatric Institute of the University of Maryland during this year.

For the training of internes in psychology the hospital is affiliated with Columbia University, Adelphia University, New York University, Florida State University and Catholic University. Two of the five internes received their doctorate degrees this year. The Education and Training Board of the American Psychological Association has approved our training program.

The hospital serves as a field training center for students of the School of Social Work of the Universities of Pennsylvania and North Carolina. Two students earned their Masters' Degrees and two were here on an advanced curriculum, working toward their doctorates in Social Sciences.

The following schools of nursing are sending their undergraduate students to Springfield for a three-month training course in psychiatry: University of Maryland, Franklin Square Hospital, Bon Secours Hospital, Cumberland Memorial Hospital, Laird Memorial Hospital, West Virginia; Tampa Municipal Hospital, Florida; and Roanoke Rapids Hospital, North Carolina. A one-year course for Licensed Practical Nurses is given to a selected group of candidates. This course is approved by the Maryland Board of Nurses' Examiners. Twenty nurses graduated this year. 161 attendants received an indoctrination course of 20 hours' formal instruction and 450 attendants were given a special training course in pharmacology.

Medical students and externes from the University of Maryland received clinical experience in psychiatry at Springfield.

A selected group of students of the Westminster Theological Seminary attended a clinical course in psychiatry at the hospital for which they were given college credits.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957	CLASS HOURS PER YEAR
Number of Students:					
Psychiatry	7	7	8	8	802
Psychology	5	5	5	4	1,151
Psychological Externes	2	2	....	3	260
Social Service	7	7	10	10	469
Nursing:					
Affiliates	176	120	176	130	518
Graduate Practical	10	36	30	28	684
Attendants (indoctrination).	215	161	125	300	300
Attendants (Drugs and Solutions) .....	....	450	....	....	720
Medical Students .....	....	38	....	38	84
Medical Externes .....	....	3	....	3	20
Ministerial	6	12	10	12	37.5
Ministers	12	....	12	....	....

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	15	16	16
01 Salaries and Wages of Employees.....	35,580	52,368	56,519
02 Technical and Special Fees.....	6,231	6,800	6,800
04 Travel	636	535	545
05 Food	5,975	17,765	.....
08 Contractual Services	41	150	150
09 Supplies and Materials.....	1,098	900	817
10 Equipment—Replacement .....	.....	.....	379
11 Equipment—Additional	110	40	20
13 Fixed Charges	328	330	330
Total Operating Expenses.....	8,188	19,720	2,241
Total Expenditure	49,999	78,888	65,560
Original General Fund Appropriation....	74,300		
Transfer of General Fund Appropriation	—24,126		
Total General Fund Appropriation.....	50,174		
Less: General Fund Reversion.....	175		
Net General Fund Expenditure.....	49,999	78,888	65,560

Budget Bill Text:

10.03.06.07 Education and Training of Professional Personnel	
General Fund Appropriation.....	65,560

RELIGIOUS AND COMMUNITY SERVICES—SPRINGFIELD STATE HOSPITAL Program and Performance:

This program gives the patient the opportunity for the fulfillment of his spiritual needs through the services of staff and volunteer clergy. It contributes to his social readjustment through friendly community contacts with hospital trained volunteer workers.

Formal church services are conducted each week in the hospital auditorium by staff-connected Catholic, Jewish and Protestant clergy. Informal services are held on the ward by volunteer clergy for the patients who are unable to participate in the larger group. Religious counseling is available and religious holidays of the three faiths are appropriately observed.

Diversions from hospital routines are provided by community organizations who indicate their interest in the care and treatment of the mentally ill with gifts and volunteered services. A coordinator of volunteer activities channels this interest through the hospital, arranges for the orientation of volunteer workers and schedules their activities in the medical and rehabilitation treatment areas. A Woman's Auxiliary participates in and gives impetus to the volunteer program. In addition, it operates a Canteen for patients, all of whose profits inure to patient welfare projects.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Religious Services (weekly):			
Religious Services by staff chaplain.....	3	3	3
Paid staff clergy.....	6	6	6
Volunteer clergy and laymen	12	12	12
Patients attending formal services.....	220	240	260
Patients attending volunteer services.....	500	540	580
Volunteer hours of clergy.....	.....	15	15
Volunteer Organizations	120	120	125
Volunteer Workers	350	350	390
Number of volunteer hours weekly.....	204	210	220
Valuation of gifts.....	\$19,010	\$20,000	\$21,000
Percent of patient participation (weekly).....	65%	65%	65%

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Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	1	1	1
01 Salaries and Wages of Employees.....	3,410	3,457	3,527
02 Technical and Special Fees.....	1,495	1,200	1,620
04 Travel	52	110	95
08 Contractual Services	78	135	130
09 Supplies and Materials.....	79	50	80
Total Operating Expenses.....	209	295	305
Total Expenditure	5,114	4,952	5,452
Original General Fund Appropriation.....	4,908		
Transfer of General Fund Appropriation	280		
Total General Fund Appropriation.....	5,188		
Less: General Fund Reversion.....	74		
Net General Fund Expenditure.....	5,114	4,952	5,452

Budget Bill Text:

10.03.06.08 Religious and Community Services		
General Fund Appropriation.....		5,452

RESEARCH—SPRINGFIELD STATE HOSPITAL

Program and Performance:

The Research Program of Springfield State Hospital has increased almost 100 per cent within the last year both in interest, actual work done and in publication. With the advent of new research, and since there is no Director of Research in the hospital, a research committee was formed. The purpose of this committee is to evaluate research ideas and protocols submitted by various departments in the hospital, to determine their worth and financial support required, etc.

Published Articles:

1. The Effect of Oral Metrazol on Seniles and Cerebral Arteriosclerotics.
2. A Survey of Autofellatio.
3. A Note on a Waking Blank Stage Analogous to Isakower's Phenomena, The Dream Screen and Blank Dreams.
4. An Investigation of Apperceptive Distortion in the Obsessive-Compulsive Character Structure: With Special Reference to Reaction Formation.

Completed Projects:

1. The Effect of Serpasil (Rauwolfia Serpentina) on Chronic Disturbed Psychotics.
2. Apperceptive Distortion in the Obsessive-Compulsive Character Structure: With Special Reference to Reaction Formation.
3. The effect of Frequency of Stress During Early Development of the Male Albino Rats Upon: 2. Emotional Stability.
4. The Effect of Frequency of Stress During Early Development of the Male Albino Rats Upon: 1. Adult Maze Learning Ability.
5. Chlorpromazine in the Treatment of Symptomatically Refractory Conditions in General Paretics. A Preliminary Report of 7 Cases.

Projects in Progress:

1. A Study of 90 Schizophrenic Women.
2. The Effect of Thorazine on Tuberculous Psychotics: A Psychological and Physiological Study.
3. A Survey of the Effect of B6 on Adult Epileptics.

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4. The Body Image Test.
5. A Theoretical Evaluation of Research on Repression in Perception.
6. A Scoring Plan for the Goldstein-Scherer Test for Organic Brain Damage.
7. Chlorpromazine in the Treatment of Chronic Schizophrenia.
8. A Study of Some Relationships with Personality Integration and Transmitted Information.
9. The Lowenfeld Mosaic Test: An Experimental Study on Hospitalized Patients.
10. American Norms of the Mira Test.
11. A Quantitative Study of the Dream Screen Phenomenon.

Books and Monographs in Progress:

1. The Mira Myokinetic Test.
2. The Clinical Application of the Mira Test.
3. The Springfield Conference on Interne Training in Clinical Psychology.

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
02 Technical and Special Fees.....	.....	500	500
04 Travel	20	20	20
08 Contractual Services	14	200	100
09 Supplies and Materials.....	233	241	225
11 Equipment—Additional	191	393	825
Total Operating Expenses.....	508	854	1,170
Total Expenditure	508	1,354	1,670
Original General Fund Appropriation.....	1,150		
Transfer of General Fund Appropriation.	—500		
Total General Fund Appropriation.....	650		
Less: General Fund Reversion.....	142		
Net General Fund Expenditure.....	508	1,354	1,670

Budget Bill Text:

10.03.06.09 Research	
General Fund Appropriation.....	1,670

FARM OPERATION AND MAINTENANCE—SPRINGFIELD STATE HOSPITAL

Program and Performance:

The Springfield farm produces pork, poultry, eggs, vegetables and fruits for the institution. A cannery is operated during crop season and a large quantity of vegetables and fruits is canned each year.

The Springfield farm comprises 786 acres. At the present time, 458 acres are being used for the production of livestock feed, 114 acres are used for growing food crops, 52 acres are in apple orchards, and 162 acres are in pasture land. The farm colony buildings have been relocated in the farming area.

Improvements in swine and poultry facilities are being completed and put into immediate use. The revised farm production schedule should become fully operative during 1956 and the yearly food production thereafter should be relatively uniform. This farm produces and sells surplus hay to other Department of Mental Hygiene farms. Since the receipts from these sales are reverted, this additional income is added to the annual farm production income.

In this budget there is an allowance for operating a young dairy stock project in connection with the Central Farm. This project is limited to the raising of 150 heifers as replacement stock. The annual expense of this program is added to the cost of producing milk at Central Farm.

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	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Value of food crops.....	\$89,257	\$85,650	\$91,500	\$92,500
Cash Receipts—reverted	4,508	3,693	3,500	4,000
Total farm income.....	\$93,765	\$89,343	\$95,000	\$96,500
Annual production value per employee	6,697	6,381	6,785	6,893
Number of acres used in farming....	789	786	786	786

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	14	14	14
01 Salaries and Wages of Employees.....	43,699	43,127	44,637
07 Motor Vehicle Operation and Maintenance	3,263	3,108	3,300
08 Contractual Services	427	800	800
09 Supplies and Materials.....	29,177	29,585	30,000
10 Equipment—Replacement	249	2,150	150
11 Equipment—Additional	2,456	1,640	1,700
14 Land and Structures.....	.....	.....	350
Total Operating Expenses.....	35,572	37,283	36,300
Total Expenditure	79,271	80,410	80,937
Total General Fund Appropriation.....	79,280		
Less: General Fund Reversion.....	9		
Net General Fund Expenditure.....	79,271	80,410	80,937

Budget Bill Text:

10.03.06.10 Farm Operation and Maintenance General Fund Appropriation.....	80,937
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SUMMARY OF SPRING GROVE STATE HOSPITAL

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Total Number of Authorized Positions.....	788	830	838
Salaries and Wages of Employees.....	2,294,889	2,402,618	2,572,615
Technical and Special Fees.....	34,428	31,620	35,870
Operating Expenses	917,007	1,081,565	1,114,319
Original General Fund Appropriation.....	3,234,107		
Transfer of General Fund Appropriation.....	16,455		
Total General Fund Appropriation.....	3,250,562		
Less: General Fund Reversion.....	4,238		
Net Total General Fund Expenditure.....	3,246,324	3,515,803	3,722,804
Capital Funds:			
Appropriation		65,500	82,883

DEPARTMENT OF MENTAL HYGIENE

GENERAL ADMINISTRATION—SPRING GROVE STATE HOSPITAL

Program and Performance:

Spring Grove State Hospital is located at Catonsville, Baltimore County, Maryland. It was established in 1797. White male and female mentally ill patients from Baltimore City and from the central and southern counties of the State receive treatment as do white psychotic children and criminally insane patients from the entire state. The property consists of 655 acres, of which 555 acres are farmland, woodland and pasture, and 100 acres are in lawns and buildings.

This program provides executive direction, business management, and coordination of all hospital programs and establishes and interprets institutional policies and methods of operation under supervision of the State Department of Mental Hygiene.

In 1955 there were 1,286 admissions, the largest number ever admitted in one year, and there are no indications that admissions will decline. At the end of the year 82% or 29% of the patients were 65 years or over.

The new Nurses Home with a capacity of 45 student nurses was opened in January 1955. A Central Storage and Kitchen Building is expected to be ready for occupancy by the end of 1956.

Spring Grove is fully accredited by the Joint Commission on Accreditation of Hospitals and the American Psychiatric Association.

A recent Space Utilization Survey indicates a capacity of 2,253 patients.

	1954	1955	1956	1957
	ACTUAL	ACTUAL	ESTIMATED	ESTIMATED
Admissions	1,216	1,286	1,490	1,428
Admissions over 65.....	254	240	313	285
Admissions under 15.....	23	21	- 35	20
				(6 months Rose-wood unit opened)
Discharges (Total)	1,045	1,208	1,337	1,320
Discharges	838	945	1,136	1,032
Deaths	207	263	201	288
Paroles	3,858	3,839	4,369	4,125
Parole Returns	3,467	3,364	3,936	3,865
On Parole (Average during year)....	589	603	633	655
Average Daily In-patient				
Population	2,723	2,807	2,962	2,940
Average Daily Book Population.....	3,312	3,410	3,595	3,595
Total Patient Days.....	993,895	1,024,555	1,084,092	1,073,100
Total Number of Authorized				
Positions	777	788	830	838
Ratio Total Positions to Population..	1:3.5	1:3.5	1:3.6	1:3.5
Total Annual Per Capita.....	\$1,175	\$1,187	\$1,187	\$1,267
Total Cost Per Patient Per Day.....	\$3.22	\$3.25	\$3.25	\$3.47

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	34	31	31
01 Salaries and Wages of Employees.....	116,700	117,895	121,942
03 Communication	13,706	13,256	17,634
04 Travel	235	50	235
07 Motor Vehicle Operation and Maintenance	1,083	1,063	1,100
08 Contractual Services	521	493	538
09 Supplies and Materials.....	746	962	984
10 Equipment—Replacement .....	.....	3,661	1,348
11 Equipment—Additional	6,255	120	223
13 Fixed Charges	530	130	126
Total Operating Expenses.....	23,076	19,735	22,188
Total Expenditure	139,776	137,630	144,130
Original General Fund Appropriation.....	135,382		
Transfer of General Fund Appropriation.	4,485		
Total General Fund Appropriation.....	139,867		
Less: General Fund Reversion.....	91		
Net General Fund Expenditure.....	139,776	137,630	144,130

Budget Bill Text:

10.03.07.01	General Administration	
	General Fund Appropriation.....	144,130

DIETARY SERVICES—SPRING GROVE STATE HOSPITAL

Program and Performance:

During fiscal year 1955 meals were prepared for patients and employees in six kitchens. Meals were served in 46 areas in 15 buildings. Meals for employees were prepared and served in three areas.

In 1957 a Central Kitchen will be available which will eliminate four kitchens. Consolidation of kitchens will eliminate waste in preparation and insure uniformity of food in all areas. Standards of nutrition as set up under the basic ration will be maintained. Efforts will be made to improve food service to patients by continued gradual change from metal trays to plastic trays and dishes where practical and by continued instruction of food service personnel.

During 1955, a nutritionally adequate diet was provided. Improvements were made in equipment for meal preparation and service. Electrical connections were installed to provide for the use of an electrically heated food cart in the Hilltop Building. Instruction in Nutrition was given by the Head Dietitian to Student Psychiatric Aides. Arrangements were made for food service personnel to attend Orientation Classes.

DEPARTMENT OF MENTAL HYGIENE

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Regular Patient Meals Served..	2,869,324	2,942,111	3,130,313	3,070,380
Total Special Diets Served.....	113,456	131,554	121,963	148,920
Total Student Meals Served.....	7,564	9,184	26,673	46,668
Total Employee Meals Served.....	173,168	195,993	200,000	200,000
Daily Edible Food Waste Per Patient	4.71 oz.	4.92 oz.	4.5 oz.	4.5 oz.
Total Daily Patient Per Capita Food Cost	\$.52	\$.5046	\$.5843	\$.5726
Annual Program Per Capita.....	\$253	\$239	\$263	\$275

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	82	86	86
01 Salaries and Wages of Employees.....	219,714	207,132	241,663
04 Travel			25
05 Food	431,198	550,935	546,945
07 Motor Vehicle Operation and Maintenance	253	588	1,100
08 Contractual Services	4,301	776	1,211
09 Supplies and Materials.....	14,382	15,817	15,180
10 Equipment—Replacement		790	3,010
11 Equipment—Additional		4,390	96
13 Fixed Charges	20	20	.....
Total Operating Expenses.....	450,154	573,316	567,567
Total Expenditure	669,868	780,448	809,230
Original General Fund Appropriation.....	713,388		
Transfer of General Fund Appropriation	—42,051		
Total General Fund Appropriation.....	671,337		
Less: General Fund Reversion.....	1,469		
Net General Fund Expenditure.....	669,868	780,448	809,230

Budget Bill Text:

10.03.07.02	Dietary Services General Fund Appropriation.....	809,230
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HOUSEHOLD AND PROPERTY SERVICES—SPRING GROVE STATE HOSPITAL

Program and Performance:

The objectives of this program are: Maintenance of the physical plant in good condition, proper clothing and bedding of patients, laundering of clothes and linens, adequate heat and ventilation in patients and employees areas, and provision for a sanitary and safe hospital.

There are a total of 130 buildings on the hospital grounds; of this number 21 accommodate patients. Telephone, gas and electricity, water, and sewage are purchased from local utilities. Maintenance work, except for high line electrical work and labor by prisoners, is done by hospital maintenance force.

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Patients Clothed by Hospital.....	2,088	2,092	2,297	2,225
Cost per Patient Clothed.....	\$34.82	\$30.63	\$33.56	\$30.00
Laundry Work Load Pounds per Month....	156,620	157,810	172,600	165,287
Annual Program per Capita.....	\$222	\$221	\$216	\$229
Program Cost per Patient per Day.....	\$.608	\$.605	\$.591	\$.627

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	94	95	95
01 Salaries and Wages of Employees.....	277,075	268,042	297,766
02 Technical and Special Fees.....	.....	1,100	1,100
04 Travel .....	.....	25	.....
06 Fuel	103,616	106,924	107,564
07 Motor Vehicle Operation and Maintenance	6,324	6,511	6,800
08 Contractual Services	81,425	85,748	81,293
09 Supplies and Materials.....	151,428	168,310	157,571
10 Equipment—Replacement	1,470	175	18,045
11 Equipment—Additional	268	1,564	2,438
13 Fixed Charges .....	.....	462	462
Total Operating Expenses.....	344,531	369,719	374,173
Total Expenditure	621,606	638,861	673,039
Original General Fund Appropriation.....	623,659		
Transfer of General Fund Appropriation	—1,608		
Total General Fund Appropriation.....	622,051		
Less: General Fund Reversion.....	445		
Net General Fund Expenditure.....	621,606	638,861	673,039
Capital Funds:			
Appropriation		65,500	36,500
Budget Bill Text:			
10.03.07.03 Household and Property Services			
General Fund Appropriation.....			673,039

MEDICAL CARE OF PATIENTS—SPRING GROVE STATE HOSPITAL

Program and Performance:

The over-all purpose of this program is to provide medical-nursing care to patients to facilitate as rapid recovery as possible. The Admission Service receives new patients, establishes diagnosis, and provides initial therapy. Many patients leave the hospital directly from the Admission Service; others are transferred to other units of the hospital for further treatment. The major emphasis in the Convalescent Service is on rehabilitation and resumption of life outside the hospital. The Medical-Surgical Service provides care for patients who are physically ill; medical-surgical work in recent years has greatly increased as a result of the growing population of elderly patients. The White Building permits intensive treatment of acutely psychotic women. The Continued-care Service provides treatment, including infirmary care for senile and chronic cases. Maximum security areas provide care for male patients who need the utmost in security facilities or who have seriously transgressed the law.

In most areas of the hospital, nursing care has improved as a result of better supervision and an improved training program. Dental care has been markedly improved as a result of examination of all admitted patients, screening examinations, the availability of anesthesia, and a training program. The Psychology Department provides diagnostic services and participates in psychotherapy under medical supervision. The use of tranquilizing drugs, chlorpromazine and reserpine, have reduced the number of acutely disturbed patients, and has resulted in earlier discharge of patients.

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In 1957 every effort will be made to maintain the present treatment programs. Further and more extensive use of tranquilizing drugs is anticipated. The Out-patient Department will be considerably expanded at the hospital, bringing together here several activities in a coordinated way which previously were conducted outside the hospital. This will enable us to provide a more adequate follow-up service for post-hospitalized patients and also treatment facilities for non-hospitalized adults and children with the goal of relieving psychiatric illness and averting hospitalization. Continued screening of the patient population will be carried out to detect patients potentially capable of responding to intensified individual therapy.

The in-patient population at end of fiscal 1955 included:

	NUMBER	PERCENTAGE
65 years and over.....	823	29.3%
16 years and under.....	30	1.0%
Mentally retarded	321	11.4%
Bedridden and infirmed.....	450	16.0%
Tubercular	0	
Epileptic	3	

	NUMBER PATIENTS	NUMBER TREATMENTS	DAILY AVERAGE NO. PATIENTS
Electroconvulsive	535	3,688	60
Electo-non-convulsive	6	142	5
Insulin, deep coma.....	22	702	
Individual Psychotherapy	112	3,277	100
Group psychotherapy	235	4,511	75
Lobotomies	10	10	
Chlorpromazine	335		
Reserpine	215		
Antabuse	50		
Psychological examinations	565		
Medical-Surgical Service	952	1,772 (tests)	
Medical-Surgical Dispensary	3,318		
Consultants	860 (visits)	3,878	
Out-patient clinic	47	179	
Child Clinic	229	343	
Dental Care	1,731		
Physical Therapy	675		
Surgical operation (all types).....	228		
Orthopedics (including fractures).....	73		
Radium application	8		
Neurosurgery (including lobotomies)	42		
Ophthalmological	8		
Major (other)	30		
Minor (other)	67		

	NUMBER
Laboratory Procedures	50,396
Roentgenology	7,794
Bacteriology	833
Blood bank procedures.....	1,193
Hematology	19,265
Urine, feces, fluids.....	2,079
Serology	1,953
Functional (Kidney and liver, etc.).....	495
Physiological (EKG, BNR, EEG).....	1,281
Histopathology	1,193
Autopsies	126

	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Program cost per capita (average in-patient population)	\$552	\$551	\$556	\$599
Program cost per patient per day (average in-patient population)	\$1.51	\$1.51	\$1.52	\$1.64

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	506	541	551
01 Salaries and Wages of Employees.....	1,472,304	1,570,999	1,646,380
02 Technical and Special Fees.....	27,795	24,670	27,795
04 Travel	315	350	320
07 Motor Vehicle Operation and Maintenance	200	277	191
08 Contractual Services	2,130	1,572	2,169
09 Supplies and Materials.....	44,224	45,229	79,648
10 Equipment—Replacement	499	422	4,195
11 Equipment—Additional .....	.....	3,831	1,505
13 Fixed Charges	50	75	85
Total Operating Expenses.....	47,418	51,756	88,113
Total Expenditure	1,547,517	1,647,425	1,762,288
Original General Fund Appropriation.....	1,475,794		
Transfer of General Fund Appropriation	71,829		
Total General Fund Appropriation.....	1,547,623		
Less: General Fund Reversion.....	106		
Net General Fund Expenditure.....	1,547,517	1,647,425	1,762,288

Capital Funds:

Appropriation	46,383
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Budget Bill Text:

10.03.07.04 Medical Care of Patients	
General Fund Appropriation.....	1,762,288

REHABILITATION AND RECREATION OF PATIENTS—SPRING GROVE STATE HOSPITAL

Program and Performance:

Efforts will be made in 1957 to provide rehabilitation therapy services to all patients for whom occupational, recreational, industrial or music therapies are indicated. An attempt will be made to improve and further integrate all rehabilitation therapies so that a continuous and meaningful program will be scheduled for each patient.

In 1955, there was an increased emphasis on Industrial Therapy and on the use of rehabilitation therapies as part of an overall treatment program rather than as isolated activity programs. The informal type of training of personnel paid dividends in the improved quality of rehabilitation services because of the increased understanding of the purpose of the treatment. It has also meant a considerable increase in the cooperation given to and received from other hospital departments which inevitably improves still further the patients' chances for effective use of the services offered.

In the coming year we will work towards changing our recreation program from one of providing recreation for its immediate effects to one of shaping the patients' recreational interests according to the facilities available to them when they return to the community.

We plan to continue the in-service training of our non-professional personnel and to increase the training program for professional personnel as we are able to increase our professional staff.

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	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Daily Average Patients Under Treatment:			
Occupational Therapy	167	170	170
Recreational Therapy	123	127	127
Music Therapy	54	60	60
Number of Patients treated:			
Occupational Therapy	1,129	1,140	1,140
Recreational Therapy	1,554	1,600	1,600
Musical Therapy	424	500	500
Industrial Therapy	590	600	600
Number of Patient Treatments:			
Occupational Therapy	42,854	43,000	43,000
Recreational Therapy	31,234	32,000	32,000
Musical Therapy	13,692	13,700	13,700
Annual Program Per Capita.....	\$22.97	\$29.00	\$31.46
Program Cost Per Patient Per Day.....	\$.063	\$.079	\$.086

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	23	26	26
01 Salaries and Wages of Employees.....	59,652	75,181	80,252
04 Travel	44	.....	118
08 Contractual Services	607	737	989
09 Supplies and Materials.....	4,164	9,659	9,591
10 Equipment—Replacement .....	.....	.....	1,291
11 Equipment—Additional .....	.....	295	250
13 Fixed Charges	13	24	24
Total Operating Expenses.....	4,828	10,715	12,263
Total Expenditure	64,480	85,896	92,515
Original General Fund Appropriation.....	74,831		
Transfer of General Fund Appropriation	—10,170		
Total General Fund Appropriation.....	64,661		
Less: General Fund Reversion.....	181		
Net General Fund Expenditure.....	64,480	85,896	92,515

Budget Bill Text:

10.03.07.05 Rehabilitation and Recreation of Patients	
General Fund Appropriation.....	92,515

SOCIAL SERVICES—SPRING GROVE STATE HOSPITAL

Program and Performance:

The social worker evaluates social factors bearing on the patient's illness or capacity to adjust, makes resources available as needed by patient or family and counsels with them about problems that interfere with treatment, the patient's return to the community or lasting adjustment outside.

1955:

Staff remained at a monthly average of 11 plus workers and students. To concentrate on assisting patients to leave, 82% of the staff was transferred to Interim-Pre-parole and Foster Care Services, reducing admission activity by 50%.

DEPARTMENT OF MENTAL HYGIENE

Pre-parole activity was centered in the long-hospitalized and elderly patients: two groups who tend to live out their life span in the hospital.

228 patients were helped to leave, 54% requiring placement and supervision in the community thru Foster Care program. Of the 100 individuals placed in Foster Care during the year, 52% had been in the hospital from 5-54 years; of the 18% placed who had been hospitalized less than 1 year, 39% were over the age of 65.

Referrals to help patients leave consistently exceeded staff to handle them, resulting in an average 32.6 unassigned each month. The pre-parole worker's job changed to include more extensive administrative responsibility in the clinical team for reaching and rehabilitating "chronic" patients, much of this not measurable statistically in case load or result.

In out-patient clinic, the social worker's referrals rose from 9 in July 1954 to 26 in June 1955 (the entire clinic became more active) necessitating the increase from one-half to a full clinic day.

Research and pre-admission service were started in skeletal form.

1956:

Staff will remain approximately the same in 1956. Out-patient clinic will be extended to 3 days a week and become an all-purpose psychiatric treatment clinic. Present performance levels can probably be maintained except in Foster Care where the rapid increase from 95 patients in care in July 1954 to 133 in June 1955 absorbs the 5.5 workers available for this service simply to maintain and supervise patients now out. New patients must be reduced by 50% from placement rate in 1955, permitting only enough placements to fill in for normal turn-over thru returns and discharges.

1957:

Only Foster Care will be increased by using one additional position allowed in 1956 for which funds will not be available until 1957.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
1. Total Number Patients Served (unduplicated count)	1,529	1,605	1,666
2. Total Number of Interviews.....	10,830	10,830	11,470
3. Total Cost Per Active Case.....	\$38	\$35	\$41
4. Total Number Cases Assigned (all services)....	2,014	2,140	2,221
a. Pre-admissions	17	34	34
b. Admissions	849	960	960
(1) Actual Number Patients Admitted.....	(1,286)	(1,363)	(1,445)
c. Interim Services	234	234	234
d. Pre-parole Counselling	342	342	342
e. Clinic Assistance	99	125	125
f. Supervised Parole	3	....	....
g. Pre-placement in Foster Care.....	252	252	252
h. Foster Care	218	193	274
5. Number Cases Per Month Waiting for assignment	32.6	32.6	....
6. Foster Care Total Number Served.....	218	193	274
a. Total Number Placed	123	60	141
b. Monthly Average Boarded by Hospital (full or part)	14.4	14.4	18
c. Daily Average in Care.....	110.9	125	143
d. Discharged from Foster Care.....	18	25	12
e. Average Annual Cost per Patient.....	\$407	\$363	\$402
7. Annual Program Per Capita.....	\$27.10	\$25.50	\$29.76
8. Program Cost Per Patient Per Day.....	\$.074	\$.068	\$.0815

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955	1956	1957
	ACTUAL	APPROPRIATION	ALLOWANCE
Number of Authorized Positions.....	19	20	20
01 Salaries and Wages of Employees.....	65,016	62,785	73,358
04 Travel	306	378	500
07 Motor Vehicle Operation and Maintenance	898	910	1,000
08 Contractual Services	9,454	10,994	11,316
09 Supplies and Materials.....	465	282	284
10 Equipment—Replacement .....	.....	.....	1,010
11 Equipment—Additional .....	.....	70	.....
13 Fixed Charges	35	35	45
Total Operating Expenses.....	11,158	12,669	14,155
Total Expenditure	76,174	75,454	87,513
Original General Fund Appropriation....	73,314		
Transfer of General Fund Appropriation	3,080		
Total General Fund Appropriation.....	76,394		
Less: General Fund Reversion.....	220		
Net General Fund Expenditure.....	76,174	75,454	87,513

Budget Bill Text:

10.03.07.06	Social Services General Fund Appropriation.....	87,513
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EDUCATION AND TRAINING OF PROFESSIONAL PERSONNEL— SPRING GROVE STATE HOSPITAL

Program and Performance:

Spring Grove State Hospital is one of four State Hospitals in the United States fully accredited by the Joint Commission on the accreditation of hospitals. Authorization has been received from the U. S. Department of State to accept exchange students for training. The hospital has a full three year approved training program for psychiatric residents. There are also approved training programs in the ancillary professional fields of clinical psychology, psychiatric social work and psychiatric nursing, as described below.

Physicians receive in-patient and out-patient clinical experience under supervision, as well as instruction. There is participation in journal clubs, ward rounds, staff conferences, specific lectures, seminars and clinical pathological conferences. There is individual and group supervision. The scope of training is complemented by the use of consultants as well as by the facilities of the Johns Hopkins Hospital, University Hospital, Baltimore City Hospitals and the Central Anatomic Laboratory. The program is planned to provide adequate, well-rounded psychiatric training over a three year period. A number of physicians who have received training at this hospital have been certified by the American Board of Psychiatry and Neurology. Medical students from the University of Maryland and the Johns Hopkins Medical School receive instruction in psychiatry at this hospital.

Field training is provided for students working toward their Master's Degree in psychiatric social work through affiliation with the University of North Carolina and University of Pennsylvania. Plans are in progress for expansion of this program through affiliation with Catholic University. This represents a valuable source of recruitment for staff social work positions.

The training program for clinical psychology internes provides supervised training in psychological testing, psychotherapy, basic psychiatry and research methodology through affiliation with universities approved for training of clinical psychologists by the American Psychological Association; these have included Richmond Professional

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Institute and Florida State University, and we plan to include Vanderbilt University and Pennsylvania State University. Undergraduate students of University of Maryland in psychology and criminology have received portions of their training at this hospital.

Training in psychiatric nursing falls into three categories. The student nurse affiliate training program is a thirteen week program repeated quarterly and is approved by the American Psychiatric Association. An intensive one year course is offered to attendants who wish to qualify as graduate Psychiatric Aides. All new attendants are given a six week training program preparing them for their work. A class is held weekly on nursing arts as part of the in-service training. Orientation courses are provided for volunteer workers.

With the expansion of out-patient facilities at Spring Grove Hospital, training opportunities for our personnel will be considerably enhanced. Definite expansion and training is contemplated in social work, psychology and psychiatric nursing. There is a growing relationship with the University of Maryland School of Law directed towards providing some training in psychiatry for under-graduate law students. An expansion of affiliation with the Peabody Conservatory of Music for training of students in music therapy is contemplated.

Number of Persons receiving training in 1955:

Physicians Receiving Psychiatric Training	12
Medical Externes	6
Medical Students in Clerkship (U. of Md.).....	80
Education of Additional Medical Students.....	150
Dental Internes	1
Psychological Internes	2
Undergraduate Psychology Students	15
Graduate Psychology Students	5
Undergraduate Criminology Students.....	4
Graduate Education Students.....	2
Social Service Students (U. of North Carolina and University of Pennsylvania).....	5
Music Therapy Student.....	1
Student Nurses	54
Psychiatric Aides	31
Attendants	12

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	14	15	13
01 Salaries and Wages of Employees.....	33,677	46,355	53,002
02 Technical and Special Fees.....	5,133	4,350	5,275
04 Travel	88	250	250
05 Food	3,883	8,447	.....
08 Contractual Services	140	55	126
09 Supplies and Materials.....	434	575	525
11 Equipment—Additional .....	.....	.....	447
Total Operating Expenses.....	4,545	9,327	1,348
Total Expenditure	43,355	60,032	59,625
Original General Fund Appropriation...	48,750		
Transfer of General Fund Appropriation	—4,041		
Total General Fund Appropriation.....	44,709		
Less: General Fund Reversion.....	1,354		
Net General Fund Expenditure.....	43,355	60,032	59,625

Budget Bill Text:

10.03.07.07 Education and Training of Professional Personnel		
General Fund Appropriation.....		59,625

DEPARTMENT OF MENTAL HYGIENE

RELIGIOUS AND COMMUNITY SERVICES—SPRING GROVE STATE HOSPITAL

Program and Performance:

This program provides religious guidance and community contacts for patients. In both its religious and community aspects it is maintained by volunteers, who serve under the direction of the coordinator of volunteer activities. The interest of the community in this program can be gaged not only by its activities but by the value of its gifts, which amount to \$10.50 per patient.

Staff clergy of the three main faiths hold weekly religious services in the auditorium. For those patients unable to participate in larger groups, church services are conducted on the wards by volunteer clergy. Individual religious counselling is available and religious holidays of all sects are appropriately observed.

A training program is provided by the hospital staff for selected volunteers of professional and non-professional capacity. These volunteers are assigned to treatment areas, where increasing numbers of patients benefit from their skills. A Woman's Auxiliary participates in and gives impetus to the volunteer program. In addition, it maintains and operates a canteen, gift shop and ward cart services.

	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Religious Services (weekly):			
Religious Services by Staff Chaplain.....	3	3	3
Number Patients Attending Staff Services.....	232	250	265
Religious Services by Volunteer Clergy, Seminarians, Theologians	41	45	50
Number Patients Attending Services by Volun- teer Clergy, Seminarians, Theologians.....	766	800	900
Number Hours by Volunteer Clergy, Seminarians, Theologians	61	70	80
Number Volunteer Organizations (annually)....	121	125	130
Number Volunteer Workers (annually).....	206	210	215
Number Hours by Volunteers (weekly).....	531	548	559
Percentage of patients participating (weekly)	69%	72%	75%
Percentage of patients participating (special holidays)	100%	100%	100%
Cost of program per patient.....	\$2.82	\$2.65	\$2.82
Valuation of Gifts.....	\$20,533	\$21,000	\$22,000
Cash collections—Christmas 1954.....	\$3,018	\$3,100	\$3,200
Cash collections—Good Cheer Account.....	\$7,220	\$4,000	\$5,000
 Appropriation Statement:			
	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	2	2	2
01 Salaries and Wages of Employees.....	6,134	6,010	6,295
02 Technical and Special Fees.....	1,500	1,500	1,700
04 Travel	55	100	110
08 Contractual Services	82	153	143
09 Supplies and Materials.....	134	93	115
10 Equipment—Replacement .....	.....	.....	39
Total Operating Expenses.....	271	346	407
Total Expenditure	7,905	7,856	8,402
 Original General Fund Appropriation.....	 8,038		
Transfer of General Fund Appropriation.....	-75		
Total General Fund Appropriation.....	7,963		
Less: General Fund Reversion.....	58		
Net General Fund Expenditure.....	7,905	7,856	8,402

DEPARTMENT OF MENTAL HYGIENE

Budget Bill Text:

10.03.07.08 Religious and Community Services
General Fund Appropriation..... 8,402

RESEARCH—SPRING GROVE STATE HOSPITAL

Program and Performance:

In fiscal year 1955 this department has continued to exert a great deal of effort and planning to bring about a state of affairs where there will be adequate facilities, funds and personnel to man and maintain a research unit of the caliber necessary to make sufficient contributions to the understanding and treatment of the overwhelming problems of mental illness. The following projects were carried on:

1. There was launched a large scale clinical study of a new class of drugs known as ataraxic agents (tranquilizers). The drugs used were Reserpine and Chlorpromazine. As a result of this study over 500 patients have been treated. This has provided very important information concerning the ranges of their effectiveness and what the introduction of these new drugs have meant on the hospital economies. This information is being released in a series of scientific publications.

- a. The treatment of chronic schizophrenics with Chlorpromazine—a study of 75 cases.
- b. The effect of chlorpromazine on elderly psychiatric patients.
- c. The effect of chlorpromazine and reserpine on pre-senile degenerative states with neuropathological studies.
- d. The effect of reserpine and chlorpromazine on Huntington's Chorea.
- e. A comparative study of chlorpromazine and reserpine with schizophrenic patients. This study covers a clinical experience with over 500 patients and extends over a period of eighteen months.

2. In conjunction with investigators with the National Institute of Mental Health a study entitled "Clinical reactions and tolerance to LSD (Lysergic Acid) in chronic schizophrenic patients" was conducted. The results of this study were presented at the American Psychiatric Association meeting in May, 1955.

3. The following papers were published:

- a. A comparative study of wife murderers admitted to a state psychiatric hospital.
- b. Psychiatric research in a state psychiatric hospital.

During the fiscal year 1956 the following projects are expected to reach a point where sufficient data will have been obtained to lead to formal presentations for publication.

1. A comparative study of patients who have committed an act of infanticide.
2. The effect of electric shock on memory function.
3. An evaluation of the Funkenstein Test.
4. An evaluation of the volunteer services in a state psychiatric hospital.

Research projects contemplated and still only in the planning stages for the year 1957:

1. Comparative studies of the drugs Meratran, Frenquel, Reserpine and Thorazine.
2. Psycho-pharmacological studies of the chronic brain syndrome in the aged and pre-senile degenerative states.

DEPARTMENT OF MENTAL HYGIENE

Appropriation Statement:

	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE
Number of Authorized Positions.....	2	2	2
01 Salaries and Wages of Employees.....	8,669	12,918	13,559
04 Travel	100	100	141
09 Supplies and Materials.....	399	350	420
11 Equipment—Additional .....	.....	75	112
13 Fixed Charges	15	50	25
Total Operating Expenses.....	514	575	698
Total Expenditure	9,183	13,493	14,257
Original General Fund Appropriation.....	13,653		
Transfer of General Fund Appropriation.....	—4,435		
Total General Fund Appropriation.....	9,218		
Less: General Fund Reversion.....	35		
Net General Fund Expenditure.....	9,183	13,493	14,257

Budget Bill Text:

10.03.07.09	Research	
	General Fund Appropriation.....	14,257

FARM OPERATION AND MAINTENANCE—SPRING GROVE STATE HOSPITAL

Program and Performance:

Spring Grove State Hospital has a balanced farm program in which pork, beef, poultry, eggs, vegetables and fruit are produced. Of the 655 acres of land at the hospital there is an average of 219 acres used for growing vegetable crops and fruits, 256 acres in field crops, pastures and grass strips; 80 acres in woodland and 100 acres in buildings and lawns.

An irrigation pond built in 1954 allows for the irrigation of approximately 40 acres of land planted in food crops. The results to date are highly satisfactory. A sweet potato storage house and a new hog house were constructed by contract during the year. The farm also operated green houses as a subsidiary project, and large quantities of potted plants and cut flowers are delivered to the hospital quarters throughout the year. Assistance was given by the farm department in grading and landscaping around the hospital buildings, and in maintenance of other hospital areas.

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	ACTUAL 1954	ACTUAL 1955	ESTIMATED 1956	ESTIMATED 1957
Total Value of Food to Institution.....	\$81,286	\$86,379	\$82,500	\$82,000
Annual Production—Value per Employee..	\$6,253	\$7,198	\$6,875	\$6,833
Average Acreage in Cultivation.....	485	485	485	485
Appropriation Statement:				
	1955 ACTUAL	1956 APPROPRIATION	1957 ALLOWANCE	
Number of Authorized Positions.....	12	12	12	
01 Salaries and Wages of Employees.....	35,948	35,301	38,398	
07 Motor Vehicle Operation and Maintenance	3,029	3,421	2,645	
08 Contractual Services	1,363	5,731	2,770	
09 Supplies and Materials.....	23,615	20,980	22,152	
10 Equipment—Replacement	949	400	2,000	
11 Equipment—Additional	1,556	2,875	3,725	
14 Land and Structures.....	.....	.....	115	
Total Operating Expenses.....	30,512	33,407	33,407	
Total Expenditure	66,460	68,708	71,805	
Original General Fund Appropriation.....	67,298			
Transfer of General Fund Appropriation.	—559			
Total General Fund Appropriation.....	66,739			
Less: General Fund Reversion.....	279			
Net General Fund Expenditure.....	66,460	68,708	74,833	
Budget Bill Text:				
10.03.07.10 Farm Operation and Maintenance				74,833
General Fund Appropriation.....				74,833

DEPARTMENT OF MENTAL HYGIENE:—CAPITAL FUNDS

Crownsville State Hospital:				
Planning and preparation of design, plans and specifications for building for patients requiring continued treatment....				20,000
Eastern Shore State Hospital:				
Construction of auxiliary water supply line.....				12,000
Rosewood State Training School:				
Alterations and improvements in various buildings (Hill, Holland, Keating, King, Pembroke, Nursery, Administration, Wyman, Urner, Lane, Bissell, Bensinger, Spastic buildings (4), and employee's apartment).....				116,250
Springfield State Hospital:				
Sanitation, Safety and Fire Protection in "E" and "C" buildings, Men's Group, and "H" building, Women's group.....				175,480
Additional Water Supply.....				180,000
Total—Springfield State Hospital.....				355,480
Spring Grove State Hospital:				
Installation of elevator and improvements in Bland Bryant Building.....				46,383
Fire protection				36,500
Total—Spring Grove State Hospital.....				82,883
TOTAL—DEPARTMENT OF MENTAL HYGIENE.....				616,613

