

Fifty-third Annual Report

OF THE

Charles V. Chapin Hospital

Providence, R. I.

FOR THE YEAR ENDING

September 30, 1962



PROVIDENCE
THE OXFORD PRESS
1963

Fifty-third Annual Report

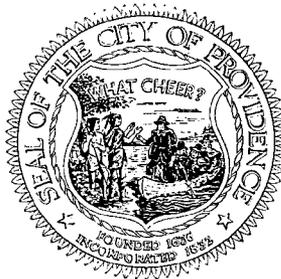
OF THE

Charles V. Chapin Hospital

Providence, R. I.

FOR THE YEAR ENDING

September 30, 1962



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THE OXFORD PRESS
1963

**IN CITY COUNCIL
JUL 10 1963**

READ:
WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED.

D. Everett Whelan
CLERK

Accredited by Joint Commission on Accreditation of Hospitals

Approved by the Council on Medical Education and Hospitals, American Medical Association, and the American Board of Pediatrics, for the training of Residents in Pediatrics

Approved by the Council on Medical Education and Hospitals, American Medical Association, and the American Board of Psychiatry, for the training of Residents in Psychiatry

Member hospital, American Hospital Association

Member hospital, Hospital Association of Rhode Island

Service-Benefit hospital, Hospital Service Corporation of Rhode Island (Blue Cross)

Approved by Committee on Nursing Education, Rhode Island Department of Health, for affiliate training in communicable diseases

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ADMINISTRATIVE STAFF**October 1, 1961—September 30, 1962****Superintendent**

Edward J. West, M. D.

Assistant Superintendents

*Fouad E. Yazbak, M. D. Fioravante N. Nora, M. D.

Senior Resident Physician

Vasant A. K. C. Gideon, M. D.

Psychiatric Department**DIRECTOR**

Ernest A. Burrows, M. D.

Pathologist

LeRoy W. Falkinburg, M. D.

Roentgenologist

Manuel Horwitz, M. D.

Director of Laboratories

Albert V. Troppoli, A.B., Sc.M.

Director of Nursing Service and School of Nursing

Elizabeth Regan McKenna, R. N.

Assistant Directors of Nursing Service**Communicable Disease Division**

Ann M. Hall, R. N.

Psychiatric Division

Susie Tanzi Marcello, R. N.

Assistant Instructor

Sally Foster Hopkins, R. N.

Business Manager

William A. Manning

Social Workers**Case Work Supervisor (Psychiatric)**

Ruth F. Levy

Maureen C. Gill

**James De Guire

Robin G. Abedon

***Hope M. O'Brien

†S. Ruth Vaughn

Supervisor of Volunteer Services

Rhoda Morrison

Clinical Psychologist

Charles Devine

Matron

Mary H. Farrell

Dietitians

Dorothy Kelly

Margaret Desjarlais

Pharmacist

Frank Colacci, Ph. G.

Supt. of Plant Maintenance and Operation

James E. Kelley

Housemother—Nurses' Home

Mary Gannon

*Resigned July 31, 1962.

**Resigned August 27, 1962.

***Appointed September 17, 1962.

†Appointed April 23, 1962

**HOUSE OFFICERS WHO SERVED DURING YEAR
ENDING SEPTEMBER 30, 1962**

Residents in Pediatrics

Rodolfo A. Arellana, M. D. Bella R. Rodriguez, M. D.
 Pelagio V. Iriarte, M. D. Iluminada V. Santiago, M. D.
 Diana T. Su, M. D.

Affiliates for Communicable Disease Training

Carl F. DeLuca, M. D. From Rhode Island Hosp.
 Martin J. Shorr, M. D. “ “ “ “
 Priya Kanchanavatee, M. D. From Wyckoff Heights
 Hospital, New York
 Pensri Meunboon, M. D. “ “ “
 Panya Nakvanich, M. D. “ “ “

Residents in Psychiatry

Zillur R. Athar, M. D. Georgina M. D. Macario, M. D.
 Onesimo Guerra, M. D. Paulo V. Marques, M. D.
 Romeo G. Zarsadias, M. D.

Affiliate Interns from Miriam Hospital

Moussa Menasha, M. D.
 Maurice Chammas, M. D.

1963

CONSULTING STAFF

PHYSICIANS

Halsey DeWolf, M. D.	Alfred C. Conte, M. D.
James F. Boyd, M. D.	John T. Monahan, M. D.
William P. Buffum, M. D.	Lucy E. Bourn, M. D.
Hilary J. Connor, M. D.	Edmund J. Sydlowski, M. D.
Paul C. Cook, M. D.	Daniel D. Young, M. D.
Frank H. Mathews, M. D.	Clarence J. Riley, M. D.
Roswell S. Wilcox, M. D.	John C. Ham, M. D.
Elihu S. Wing, M. D.	Francesco Ronchese, M. D.
Henry E. Utter, M. D.	William B. Cohen, M. D.
Julius G. Kelley, M. D.	Harold G. Calder, M. D.
James Hamilton, M. D.	Gustavo A. Motta, M. D.
Robert M. Lord, M. D.	Malcolm Winkler, M. D.
Meyer Saklad, M. D.	Frank J. Honan, M. D.
Alex M. Burgess, M. D.	Elihu Saklad, M. D.
Cecil C. Dustin, M. D.	Jacob Greenstein, M. D.
Edward T. Streker, M. D.	William J. O'Connell, M. D.
Francis H. Chafee, M. D.	Vincent P. Rossignoli, M. D.
Francis V. Corrigan, M. D.	Nora P. Gillis, M. D.
Morgan Cutts, M. D.	Sidney S. Goldstein, M. D.
Frank A. Merlino, M. D.	Himon Miller, M. D.
William H. Roberts, M. D.	Reuben C. Bates, M. D.
Kalei K. Gregory, M. D.	Stanley S. Freedman, M. D.
Carl D. Sawyer, M. D.	Bruno G. DeFusco, M. D.
Earl F. Kelly, M. D.	William P. Shields, M. D.
Herman A. Lawson, M. D.	Eric Denhoff, M. D.
Banice Feinberg, M. D.	Herman B. Marks, M. D.
Ira C. Nichols, M. D.	Earle F. Cohen, M. D.
Pasquale V. Indeglia, M. D.	Frank Giunta, M. D.
Edward A. McLaughlin, M. D.	Briand N. Beaudin, M. D.
Norman A. Johnson, M. D.	Gilbert Houston, M. D.
Richard E. Haverly, M. D.	Gerald Solomons, M. D.
William H. Foley, M. D.	

SURGEONS

John J. Gilbert, M. D.	Nathan A. Bolotow, M. D.
William A. Mahoney, M. D.	George F. Conde, M. D.
Michael J. O'Connor, M. D.	Mark Rittner, M. D.
Alfred L. Potter, M. D.	James H. Fagan, M. D.
Francis B. Sargent, M. D.	Joseph B. Webber, M. D.
Ralph Stolworthy, D. M. D.	William M. Muncy, M. D.
Vincent J. Oddo, M. D.	Anthony Corvese, M. D.
Joseph C. Johnston, M. D.	Walter J. Molony, M. D.
Henry McCusker, M. D.	Charles Potter, M. D.
Edmond C. Laurelli, M. D.	Wilfred Pickles, M. D.
Raymond F. Hacking, M. D.	Lee G. Sannella, M. D.
Robert R. Baldrige, M. D.	Craig S. Houston, M. D.
Frank W. Dimmitt, M. D.	Frank I. Matteo, M. D.
Eske Windsberg, M. D.	H. Frederick Stephens, M. D.
Eliot A. Shaw, M. D.	Herman Winkler, M. D.
Daniel V. Troppoli, M. D.	Linley C. Happ, M. D.
Rudolph W. Pearson, M. D.	Adolph W. Eckstein, M. D.
Edward S. Cameron, M. D.	Jarvis D. Case, M. D.
Mihran A. Chapian, M. D.	J. Stafford Allen, D. D. S.
Anthony V. Migliaccio, M. D.	Charles F. Cannon, D. M. D.

VISITING STAFF
DEPARTMENT OF PEDIATRICS

In-Patient Department

PHYSICIAN-IN-CHIEF

Maurice Adelman, M. D.

VISITING PHYSICIANS

Reginald A. Allen, M. D.	Clara Loitman-Smith, M. D.
Isadore Gershman, M. D.	John P. Grady, M. D.
D. William J. Bell, M. D.	John T. Barrett, M. D.
Leonard B. Bellin, M. D.	

ASSISTANT VISITING PHYSICIANS

Hilary H. Connor, M. D.	Rudolf A. Jaworski, M. D.
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Out-Patient Department

PHYSICIAN-IN-CHARGE

Maurice Adelman, M. D.

VISITING PHYSICIANS

George H. Taft, M. D.	*Frederick A. Peirce, Jr., M. D.
Peter L. Mathieu, Jr., M. D.	Ernest P. Mennillo, M. D.
Mario Vigliani, M. D.	Wilson F. Utter, M. D.
Betty B. Mathieu, M. D.	Thomas H. George, M. D.
Harold B. Lang, M. D.	Normand E. Gauvin, M. D.
Ruth Bell, M. D.	Jay M. Orson, M. D.
John E. Farley, Jr., M. D.	Valentino R. Simone, M. D.
Alexander A. Jaworski, M. D.	Alfred Toselli, M. D.
John F. Hogan, M. D.	Howard S. Lampal, M. D.
Joseph T. Barrett, M. D.	Anna Sandberg, M. D.
Robert M. Lord, Jr., M. D.	Carl F. DeLuca, M. D.
Sophie N. Wlassich, M. D.	Martin F. Shorr, M. D.
*William L. Mauran, M. D.	George K. Boyd, M. D.
Fouad E. Yazbak, M. D.	

*Leave of absence.

DEPARTMENT OF NEURO-PSYCHIATRY

In-Patient Department

PHYSICIAN-IN-CHIEF

William N. Hughes, M. D.

VISITING PHYSICIANS

Kathleen M. Barr, M. D.	Barry B. Mongillo, M. D.
Ernest A. Burrows, M. D.	David J. Fish, M. D.
Sarah M. Saklad, M. D.	Thomas L. Greason, M. D.
Hugh E. Kiene, M. D.	John O. Strom, M. D.
Dominic L. Coppolino, M. D.	

Out-Patient Department

PHYSICIAN-IN-CHARGE

William N. Hughes, M. D.

VISITING PHYSICIANS

Patrick F. O'Mahony, M. D.	John F. Lowney, Jr., M. D.
Bruno Franek, M. D.	Antonio Capone, M. D.
Oscar E. Stapan, M. D.	Alfred L. Quartaroli, M. D.
Louis V. Sorrentino, M. D.	Robert A. Massouda, M. D.
Max Fainty, M. D.	Robert W. Hyde, M. D.
Ivan J. Laszlo, M. D.	

CONSULTANTS ON CALL

MEDICINE

Chief, Louis I. Kramer, M. D.

VISITING PHYSICIANS

Earle H. Brennen, M. D.	William Fain, M. D.
Ezra A. Sharp, M. D.	Joseph G. McWilliams, M. D.
William L. Leet, M. D.	Laurence A. Mori, M. D.
Irving A. Beck, M. D.	George E. Kirk, M. D.
Russell S. Bray, M. D.	Gustaf Sweet, M. D.
Frank D. Fratantuono, M. D.	Herbert F. Hager, M. D.
David Litchman, M. D.	Michael DiMaio, M. D.
John T. Keohane, M. D.	Oswald D. Cinquegrana, M. D.
	Robert Maiello, M. D.

ASSISTANT VISITING PHYSICIANS

Edwin B. O'Reilly, M. D.	Jaroslav Koropey, M. D.
John J. Lury, M. D.	James J. Scanlan, M. D.
*Walter F. Fitzpatrick, Jr., M. D.	Raymond E. Moffitt, M. D.
Robert E. Carroll, M. D.	Max Bloom, M. D.
*Richard J. Martin, M. D.	Paulo A. Botelho, M. D.
Jacob Stone, M. D.	Juergen Nicolas, M. D.
James J. Sheridan, M. D.	Albert F. Tetreault, M. D.
James F. Hardiman, M. D.	Mario Tami, M. D.
	Dario A. Herrera, M. D.

Pulmonary Diseases

Chief, Peter F. Harrington, M. D.

VISITING PHYSICIANS

James B. Moran, M. D.	Thomas H. Murphy, M. D.
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Dermatology and Syphilology

Chief, Vincent J. Ryan, M. D.

VISITING PHYSICIANS

Bancel L. Schiff, M. D.	Carl S. Sawyer, M. D.
	Louis Levine, M. D.

*Leave of absence.

Urology

Chief, Howard K. Turner, M. D.

VISITING SURGEONS

John F. Streker, M. D.	Arthur J. Clarkin, Jr., M. D.
Ralph V. Sullivan, M. D.	Vincent I. MacAndrew, M. D.
Nathan Chaset, M. D.	Anthony J. Rotelli, M. D.
Ernest K. Landsteiner, M. D.	William S. Klutz, M. D.

ASSISTANT VISITING SURGEON

Genarino R. Zinno, M. D.

Gynecology

Chief, George W. Waterman, M. D.

VISITING SURGEONS

Ralph DiLeone, M. D.	James P. McCaffrey, M. D.
J. Merrill Gibson, M. D.	Thomas F. Fogarty, M. D.
George E. Bowles, M. D.	Frederic W. Ripley, Jr., M. D.
Calvin M. Gordon, M. D.	

ASSISTANT VISITING SURGEONS

John J. Sheehan, M. D.	Robert C. Hayes, M. D.
Gene A. Croce, M. D.	Vito L. Coppa, M. D.
Edward Cardillo, M. D.	Henry C. McDuff, Jr., M. D.
Bertram H. Buxton, Jr., M. D.	

Surgery

Chief, J. Murray Beardsley, M. D.

VISITING SURGEONS

Charles J. Ashworth, M. D.	Thomas Perry, Jr., M. D.
David Freedman, M. D.	Leland W. Jones, M. D.
Ralph D. Richardson, M. D.	Robert Gorfine, M. D.
Seebert J. Goldowsky, M. D.	J. Robert Bowen, M. D.
Wilfred I. Carney, M. D.	Richard P. Sexton, M. D.
Thomas C. McOsker, M. D.	Joseph E. Caruolo, M. D.
Arnold Porter, M. D.	Robert W. Riemer, M. D.
John R. Stuart, M. D.	

Neurosurgery

Chief, Hannibal Hamlin, M. D.

VISITING SURGEONS

Julius Stoll, Jr., M. D.

Walter C. Cotter, M. D.

Orthopedics

Chief, William A. Horan, M. D.

VISITING SURGEONS

William V. Hindle, M. D.

Ralph F. Pike, M. D.

Vincent Zecchino, M. D.

Stanley D. Simon, M. D.

Ear, Nose and Throat

Chief, Thomas L. O'Connell, M. D.

VISITING SURGEON

Thomas R. Littleton, M. D.

ASSISTANT VISITING SURGEONS

Richard Rice, M. D.

*Mendell Robinson, M. D.

Ophthalmology

Chief, F. Charles Hanson, M. D.

VISITING SURGEONS

Linus A. Sheehan, M. D.

Milton G. Ross, M. D.

James H. Cox, M. D.

Nathaniel D. Robinson, M. D.

Charles W. Does, M. D.

Dentistry

Chief, Walter C. Robertson, D. M. D.

VISITING DENTISTS

Nicholas G. Migliaccio, D. M. D.

Francis M. Hackett, D. D. S.

Harry Goldberg, D. D. S.

Leo Kantorowitz, D. D. S.

Saunders Spooner, D. D. S.

*Leave of absence.

Anesthesia

Chief, Samuel Pritzker, M. D.

VISITING ANESTHETISTS

Nathan S. Rakatansky, M. D.	Thomas A. Egan, M. D.
Priscilla Sellman, M. D.	William A. McDonnell, M. D.
Americo J. Pedorella, M. D.	Herbert Ebner, M. D.
Parker Mills, M. D.	Nicholas Pournaras, M. D.

Charles V. Chapin Hospital

Historical

The hospital is under the control of the Board of Hospital Commissioners, made up of five members, of which the Mayor is ex-officio chairman, the Superintendent of Health, an ex-officio member, and three other members chosen by the City Council, one each year for a three-year period of service.

This hospital was built for the purpose of caring for all kinds of contagious diseases and originally was known as the Providence City Hospital.

It is built on a plot of land, nearly square, twenty-five acres in extent, that expansion into a large general hospital might at any time be undertaken without the acquisition of additional property.

The original cost, including land, was about \$450,000. It was opened for the treatment of patients March 1, 1910.

In 1912, at a cost of about \$50,000, the expansion of the hospital was deemed necessary and a unit for advanced cases of tuberculosis was built. The capacity of the hospital was thereby raised to one hundred and ninety beds, one hundred and forty for acute communicable and venereal diseases, and fifty for advanced cases of pulmonary tuberculosis. In 1930 the nurses' home with 139 rooms, a psychopathic building with 60 beds for the care of psychiatric patients, and additions to both the service and laundry plants were completed at a cost of \$700,000.00. At the same time a general Out-Patient Department was inaugurated and housed in the lower floor of the psychopathic building. On January 6, 1932 an addition to the isolation building was completed for the accommodation of fourteen private patients suffering from infectious diseases.

In 1944, cubicles were constructed in the ward for tuberculosis (later named the Hindle Building), reducing the number of beds there to 41.

In April 1946, because of a lack of surgical beds in general hospitals, a private surgical unit was opened in the West Building. In August 1955, this unit was discontinued as ample surgical facilities were available elsewhere.

Because of the large number of vacant beds at Wallum Lake Sanitarium, the tuberculosis unit in the Hindle Building was discontinued and a pediatric unit for the care of non-contagious cases was established in 1954. Following the survey made by Dr. Theodore H. Ingalls in 1958, the pediatric unit was transferred to the West Building and a new unit for convalescent and mild female psychiatric cases was established in the Hindle Building and formally opened on October 6, 1958.

The Hindle Building now has a capacity of 37. In April 1962, similar facilities were provided for 16 male patients on West I. These two wards, together with the 62 beds in Lippitt Building, brought the total to 115 for psychiatric care.

The transfer of West I to the psychiatric service, and loss of space on Richardson II taken by the new formula room, brought the total of beds and bassinets for pediatric and communicable cases down to 103. It should be understood that this number is provisional, because in an epidemic, additional beds can be set up to almost double the capacity.

Patients are admitted on the recommendation of any practicing physician and the hospital works in close harmony with the City Health Department.

All patients are asked to pay for their treatment according to their financial means, though no one is refused treatment because of his inability to pay.

At a meeting of the Board of Hospital Commissioners on December 21, 1931, in accordance with a resolution passed by the City Council on December 7, 1931, the name of the Providence City Hospital was changed to the Charles V. Chapin Hospital. The purpose of this resolution was to respect and to pay homage to Dr. Charles V. Chapin, who was about to resign as Superintendent of Health, after a continuing service of forty-eight years and who, by virtue of holding this office had been a member of the Board of Hospital Commissioners since that body had been organized. It was largely through his efforts that the hospital had been built. Not only had he been given the responsibility of planning the construction, but during all the years which followed he had frequently

visited to observe the functioning of his endeavors. He was rewarded in this eminent manner for his faithful devotion to the welfare and health of this community which, through pride for his world-wide fame as a public health officer, esteemed no honor too great for the distinction he had brought on our city. He resigned as Superintendent of Health, January, 1932.

Dr. Chapin died January 31, 1941 after a lingering illness incidental to his age. He was in his eighty-sixth year at the time of death. In many ways this hospital is a monument to his great talents in preventive medicine and public health.

On October 11, 1939, Dr. Richardson resigned as superintendent of the hospital, after serving with distinction in this capacity from 1910, to assume a similar responsibility at the Rhode Island Hospital. At the opening of the institution, in collaboration with Dr. Chapin, he was instrumental in the development of a new principle of aseptic technique as applied to the prevention and spread of communicable diseases. How well this theory gained favor was soon manifest by its trial and acceptance throughout the country by many leading clinicians, who in this complimentary manner, testified to the adequacy of its merits. By his resignation the hospital lost a distinguished manager and the city a faithful servant.

Dr. William Hindle took office as superintendent on January 1, 1940. As its second superintendent, he led the hospital through the trying war years. In his sudden death on July 26, 1945, the hospital suffered a great loss.

On September 14, 1945, Dr. Hilary J. Connor was elected by the Board of Hospital Commissioners to fill the vacancy. He had been an assistant superintendent here from 1917 to 1921 and in the years that followed, became well known in public health circles in Providence and in Rhode Island. He was an excellent administrator who was untiring in his efforts to maintain the hospital at its highest efficiency and to provide the best possible care for patients. For personal reasons, he tendered his resignation effective October 3, 1960 and it was with great regret that the Board of Hospital Commissioners accepted it.

Dr. Edward J. West was elected by the Board of Hospital Commissioners to succeed Dr. Connor.

Report of the Board of Hospital Commissioners

To the Honorable City Council:

The Board of Hospital Commissioners presents its Annual Report for the fiscal year ending September 30, 1962.

Details of the activities, problems, and accomplishments of the hospital and its various departments are described in the reports of the Superintendent and department heads.

As can be seen from the accompanying reports, Dr. Edward J. West has been continuing the efficient operation of the hospital. While the activity of the communicable disease division shows somewhat of a decrease, the neuropsychiatric department continues its expansion. In April, sixteen new beds were added to this division upon the completion of the remodeling in West I.

In January 1962, at his personal request, Dr. Herman A. Lawson was not reappointed to the Commission. To take the place of Dr. Lawson, Dr. Alex M. Burgess, Sr., was appointed hospital commissioner, to serve until January, 1965. The Board acknowledges the valuable service of Dr. Lawson who has been associated with this hospital for more than forty years, first as a "deiner", then as an intern, a member of the staff, and a hospital commissioner. For a number of years, Dr. Lawson served as secretary of the Board.

We welcome Dr. Burgess and in the short space of time he has been active as a member of the Board, he has done a great deal to enable the Superintendent to maintain the excellent staff which continues to be of benefit to our patients.

The following additions to the staff have been made for the year starting January 1, 1963:

George K. Boyd, M. D.	Ivan J. Laszlo, M. D.
Carl F. DeLuca, M. D.	Robert A. Massouda, M. D.
Dario A. Herrera, M. D.	Anna Sandberg, M. D.
Robert W. Hyde, M. D.	Martin F. Shorr, M. D.
Fouad E. Yazbak, M. D.	

Resignations were accepted from :

Harry E. Darrah, M. D.
Erwin O. Hirsch, M. D.

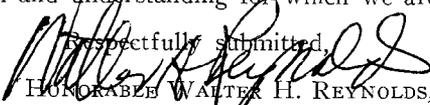
In June, Dale Hunt, M. S., commenced his work under the Chapin Fellowship. His presence in the laboratory has been very stimulating and the entire laboratory personnel has become interested in his work on mutation of cellular life.

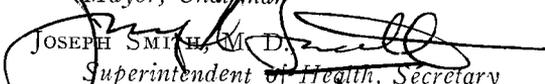
Acknowledgment of the various gifts to the hospital will be found in the rear of this report.

The Board of Hospital Commissioners once more wishes to express its sincere appreciation to all the members of the staff and to the employees for their continued faithful, efficient service; and to acknowledge again the debt owed by the hospital to the community and to the many doctors on the visiting and consulting staffs who have continued to provide valuable services without financial recompense.

The staff of volunteers has done much to brighten the stay, especially of the adult patients, and has contributed immensely to the goodwill and understanding for which we are noted.

Respectfully submitted,

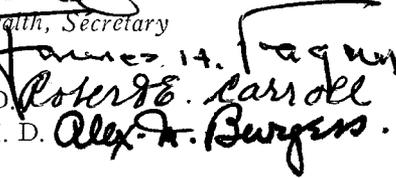

HONORABLE WALTER H. REYNOLDS,
Mayor, Chairman


JOSEPH SMITH, M. D.,
Superintendent of Health, Secretary

JAMES H. FAGAN, M. D.

ROBERT E. CARROLL, M. D.

ALEX M. BURGESS, SR., M. D.


James H. Fagan
Robert E. Carroll
Alex M. Burgess, Sr.

Superintendent's Report

To the Board of Hospital Commissioners:

I herewith submit the annual report of the hospital, including both statistical and financial data, for the year ending September 30, 1962. The following tables, in condensed form, furnish information concerning the activities of the hospital. The small number of discrepancies are due to departmental transfers.

STATISTICS FOR ALL PATIENTS

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	83	30	53	96	45	51
Total number of patients admitted during the year	2,578	1,324	1,254	2,391	1,217	1,174
Live births	0	0	0	0	0	0
Number of patients in hospital at beginning of fiscal year	96	45	51	116	54	62
Total number of patients under treatment	2,674	1,369	1,305	2,507	1,271	1,236
Total number of patients discharged..	2,591	1,339	1,252	2,411	1,226	1,185
Average daily population	105.2			108.1		
Average residence	14.8			16.4		
Largest number in any one day.....	133			138		
Smallest number in any one day.....	70			78		
Total days' treatment	38,395			39,467		
Total number of deaths	21			17		
Number of deaths within 48 hours....	8			4		
Fatality for all cases	0.8			0.7		
Total visits to Out-Patient Department	7,305			7,171		

PEDIATRIC, NON-COMMUNICABLE

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	4	1	3	10	7	3
Number of patients admitted during the year	599	324	275	567	341	226
Number of patients in hospital at beginning of fiscal year	10	7	3	13	10	3
Total number of patients under treatment	609	331	278	580	351	229
Number of patients discharged	605	330	275	570	344	226
Average daily population.....	14.0			14.8		
Average residence	8.4			9.5		
Number of deaths	2			0		
Number of deaths within 48 hours....	1			0		
Fatality rate	0.3			0		
Days' treatment	5,088			5,402		

PEDIATRIC COMMUNICABLE*

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	8	1	7	13	5	8
Number of patients admitted during the year.....	449	248	201	502	277	225
Number of patients in hospital at beginning of fiscal year.....	13	5	8	36	18	18
Total number of patients under treatment.....	462	253	209	538	295	243
Number of patients discharged.....	454	252	202	525	290	235
Average daily population.....	15.5			25.9		
Average residence.....	12.5			18.0		
Number of deaths.....	6			4		
Number of deaths within 48 hours...	4			2		
Fatality rate.....	1.3			0.8		
Days' treatment.....	5,670			9,447		

*This table is a part of the schedule "Communicable, All Ages."

COMMUNICABLE, ALL AGES*

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	9	1	8	23	13	10
Number of patients admitted during the year.....	501	271	230	574	316	258
Number of patients in hospital at beginning of fiscal year.....	23	13	10	42	22	20
Total number of patients under treatment.....	524	284	240	616	338	278
Number of patients discharged.....	515	283	232	593	325	268
Average daily population.....	19.1			32.6		
Average residence.....	13.5			20.0		
Number of deaths.....	7			5		
Number of deaths within 48 hours...	4			3		
Fatality rate.....	1.4			0.8		
Days' treatment.....	6,976			11,906		

*This table includes the schedule "Pediatric Communicable."

PEDIATRIC

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	12	2	10	23	12	11
Number of patients admitted during the year.....	1,048	572	476	1,069	618	451
Number of patients in hospital at beginning of fiscal year.....	23	12	11	49	28	21
Total number of patients under treatment.....	1,071	584	487	1,118	646	472
Number of patients discharged.....	1,059	582	477	1,095	634	461
Average daily population.....	29.5			40.7		
Average residence.....	10.2			13.6		
Number of deaths.....	8			4		
Number of deaths within 48 hours...	5			2		
Fatality rate.....	0.8			0.4		
Days' treatment.....	10,758			14,849		

MEDICAL

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	0	0	0	3	1	2
Number of patients admitted during the year	64	26	38	59	21	38
Number of patients in hospital at beginning of fiscal year	3	1	2	2	1	1
Total number of patients under treatment	67	27	40	61	22	39
Number of patients discharged	67	27	40	58	21	37
Average daily population	2.1			2.1		
Average residence	11.7			13.5		
Number of deaths	3			1		
Number of deaths within 48 hours....	1			0		
Fatality rate	4.5			1.7		
Days' treatment	784			782		

NEURO-PSYCHIATRY

	1962			1961		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	70	28	42	60	24	36
Number of patients admitted during the year	1,414	703	711	1,193	540	653
Number of patients in hospital at beginning of fiscal year	60	24	36	59	21	38
Total number of patients under treatment	1,474	727	747	1,252	561	691
Number of patients discharged	1,406	701	705	1,192	536	656
Average daily population	70.1			58.6		
Average residence	18.1			18.0		
Number of deaths	9			11		
Number of deaths within 48 hours....	2			1		
Fatality rate	0.6			0.9		
Days' treatment	25,547			21,377		

During the period from October 1, 1961 through September 30, 1962, 2,578 patients were admitted to the hospital, compared to 2,391 during the previous year. The average daily population was 105.2 compared to 108.1 during 1961, while the largest and smallest population on any one day was 133 and 70 respectively. Although there was an increase of 187 admissions, the total days' treatment numbered 38,395 as compared to 39,467 the year before. These figures can be best explained by the fact that the number of admissions to the psychiatric wards increased by 221, while the pediatric admissions dropped slightly (less than 2%). In the psychiatric wards, the average daily residence was the same as the year before but there was an increase of 4,170 in days' treatment. At the same time, the pediatric daily residence dropped to 10.2 days from 13.6 and there was a drop of 4,091 in patient days. This drop is due to the fact that several

long-staying convalescent patients were finally discharged, one a respirator case that was in the hospital since September, 1953.

In contrast to the two last years, when an epidemic of poliomyelitis occurred in the summer of 1960, and one of aseptic meningitis (due to Coxsackie B₃ virus) the following year, there appeared no unusual number of cases of any disease in the wards for communicable and pediatric patients. The diseases responsible for most admissions, in the order of frequency, were scarlet fever, pneumonia, measles, tonsillitis, infectious hepatitis, mumps, and encephalitis. There was, however, with the exception of pneumonia and mumps, a decrease of these diseases from the previous year. This would indicate that no particular infection or disease was prevalent in our community during the past fiscal year.

The total operating expense for the year amounted to \$1,386,658.93 as compared to \$1,399,159.71 for the year ending September 30, 1961. This decrease of \$12,500.78 is gratifying because expenses for this fiscal year for equipment (itemized elsewhere in this report) and salaries, which were increased by 8% for all employees starting October 1, 1961, were greater than in the previous year. As mentioned in last year's report, the cost of installing a new boiler, a new formula room, and replacement of detention screens in the psychiatric wards, was approximately \$87,000.

Although the decrease in revenue was \$49,979.92, it should be borne in mind that 1961 revenue included the balance of the Louisa G. Lippitt Estate of \$36,393.14, and if that is taken into account, the revenue was decreased by \$13,586.78 (1%).

The gross per capita cost for all in-patients was \$33.57 compared to \$31.33 for the previous year. The reason for this increase can be explained by the drop in the pediatric and communicable disease patient days. It should be noted, too, that during the summer months there was a remarkable drop in communicable disease admissions. As mentioned previously, there was no summer epidemic as there was in the preceding two years to counteract this usual seasonal variation in illnesses.

The association of the hospital with the Providence Department of Health is of considerable value to our community. The Division of Tuberculosis provides examinations and treatment, including X-rays, and makes the necessary arrangements for the compounding of prescriptions in the hospital pharmacy.

The Milk Department, which is located in the hospital's East Building, performs all the necessary laboratory procedures in the examination of milk and directs all other activities concerned with the protection of the public's health against contamination of milk.

Mental retardation and rheumatic fever clinics conducted by the State Department of Health are located in the Out-Patient Building.

The auditorium in our nurses' home was made available to Dr. Hilary J. Connor, former superintendent of this hospital and now medical director of Rhode Island Civil Defense, for training programs designed to familiarize key personnel of all Rhode Island hospitals with the erection and operation of an emergency field hospital. Thirteen of the major hospitals in Rhode Island participated.

Our own personnel was included in the training session and subsequently received additional instructions on first aid and survival techniques in lectures given by Dr. Yazbak, of the hospital staff.

NEURO-PSYCHIATRIC DEPARTMENT

A complete, detailed account of this department's activities appears elsewhere in this report but a few items should be mentioned here.

In the last report, the need for a male psychiatric convalescent ward, to correspond with female facilities in the Hindle Building, was mentioned. A new tiled room for toilet and shower facilities was built, new furniture and other equipment were procured, and West I was opened for the care of patients on April 23, 1962, adding 16 beds to the neuro-psychiatric division.

A new electroencephalograph, which will be a welcome addition to the hospital and particularly this department, has been purchased.

It is planned, with the installation of the new transformer, to add substantially to the rehabilitation facilities in the Hindle Building. With the cooperation of the State Division of Vocational Rehabilitation and the offer of cooking and refrigeration appliances by the Narragansett Electric Company, we hope to soon accomplish this.

NURSING DEPARTMENT

The reader is referred to the report of the Director of Nursing Service.

X-RAY DEPARTMENT

A full record of the work done is in the report of the Roentgenologist.

PHARMACY

	1961		1962	
	<i>Prescriptions</i>	<i>Revenue</i>	<i>Prescriptions</i>	<i>Revenue</i>
Clinics				
Out-Patient	2,287	\$ 476.20	2,604	\$ 925.90
Employee	633	.....	848	.....
Nurse	275	.....	256	.....
City Poor Physicians.....	428	881.65	443	716.45
City Health Department....	....	180.70	....	322.30
	<u>3,623</u>	<u>\$1,538.55</u>	<u>4,151</u>	<u>\$1,964.65</u>

DIETARY DEPARTMENT

There was a drop of over 14,000 in the number of meals served this year from the year before. The dietitian's report gives further information.

GARAGE

	1961		1962	
	<i>Trips</i>	<i>Mileage</i>	<i>Trips</i>	<i>Mileage</i>
Ambulance #1	432	2,561	446	2,051
Ambulance #2	456	2,939	531	4,270
Station wagon	1,427	6,868	1,461	6,947
Sedan	1,134	5,342	1,128	5,268

LABORATORY

For detailed information about the laboratory activities during the year, see the report of Dr. Falkinburg.

OUT-PATIENT DEPARTMENT

Departments	New Patients 1962	First Visits Old Patients	Total Individuals	Revisits	Total Visits 1962	Total Visits 1961
Neuro-Psychiatric ...	80	11	91	775	886	866
Pediatric	165	15	180	273	453	679
*Pulmonary	1,171	1,530	2,701	2,410	5,111	4,646
**Rheumatic Fever	105	0	105	294	399	340
Minor Accidents	476	0	476	0	476	340
Totals	1,997	1,556	3,553	3,752	7,305	7,171
Food-Handlers	4,045	(3,097 in 1961)				

*Pulmonary Clinic of the Providence Health Department.

**Rheumatic Fever Clinic of the State Health Department.

PLANT MAINTENANCE

This department has continued to repair, clean, and paint the interior of the various hospital buildings.

Considerable emphasis was placed on fire prevention, with construction of a new fire lane and gate which brought the nearest fire station several minutes closer to the hospital. Also, new fire hoses were purchased and other improvements made to combat the hazard of fire.

A new parking lot, widened roads, and other improvements to the hospital grounds were made.

For further information, see the report of the Maintenance Department.

MEDICAL PERSONNEL

Dr. Fouad E. Yazbak, first assistant clinical director resigned July 31, 1962 to accept the position of deputy director for

pediatrics for Health Sciences at Brown University, which is conducting a Child Growth and Development Project. Dr. Fioravante N. Nora was appointed to fill this vacancy. Dr. Nora had previously completed our two-year pediatric residency program and its affiliations before becoming second assistant clinical director in June, 1960.

Dr. Vasant A. K. C. Gideon was promoted to the position vacated by Dr. Nora. Dr. Gideon had completed a two-year residency in pediatrics at the Rhode Island Hospital with its affiliations, which included training in this hospital, previous to being appointed senior resident physician in October, 1960.

Elsewhere in this report is a list of the residents in pediatrics and psychiatry, also the affiliate interns in pediatrics.

CONCLUSION

I wish to express to the Board of Hospital Commissioners my gratitude for their cooperation, understanding, and sincere interest.

I also wish to thank the visiting, resident, and nursing staffs and all other employees for their continued good work and cooperation.

Respectfully submitted,

EDWARD J. WEST, M. D.

Superintendent

Report of Business Administration

Revenue Receipts

Receipts from all sources for the fiscal year ending September 30, 1962 amounted to \$1,170,684.94 (Exhibit 1)* which included the State of Rhode Island grant of \$600,000.00. This was a decrease in revenue of \$49,979.92 from the previous year.

Operating Cost

The total cost of operation was \$1,386,658.93 (Exhibit 2)**. This amount was distributed to the cost centers of the hospital.

Operating Deficit

The deficit for the fiscal year amounted to \$215,973.99 (Exhibit 3)***.

The purchase of a new station wagon, the placing of an order for a new electroencephalograph instrument, replacement of office furniture and other hospital equipment that became obsolete, and an eight per cent salary increase to all personnel as of October 1, 1961, are all included in the operating cost for this fiscal year.

Free Service

Free care for the year amounted to \$300,110.46. Determination of eligibility is made through an investigation of the patients' income and expenditures. The cost of living scale issued by the Bureau of Labor Statistics is used as a guide; also, all welfare agencies throughout the state are contacted for verification of active assistance.

Free Service to Employees and Trainees

Services rendered to employees and trainees amounted to \$6,400.95.

Outside Agencies

The following services conducted by other city and state agencies are included in the cost of the hospital, as follows:

1. City Health Pulmonary Clinic.....\$19,521.41
2. City Health Inspection of Milk..... 3,294.34
3. City Health Laboratory Examinations..... 154.62
4. State Cardiac and Mental Retardation Clinics..... 3,118.36

To the Superintendent, Dr. Edward J. West, and all hospital personnel, I wish at this time to express my thanks and appreciation for their cooperation during the year.

Respectfully submitted,

WILLIAM A. MANNING

Business Manager

*See Page 32.
**See Page 33.
***See Page 33.

Financial Report

FOR THE YEAR ENDED SEPTEMBER 30, 1962

EXHIBIT 1

REVENUE RECEIPTS

In-Patient Department:			
Communicable, Pediatric and Other.....		\$184,308.00	
Neuro-Psychiatric		254,113.37	
X-Ray		8,334.50	
Laboratory		36,201.75	
Drugs		37,806.47	
Ambulance		22.50	
Telephone		1.70	
Shock Treatments		9,999.00	
Electrocardiograms		866.00	
Electroencephalograms		740.00	
Total In-Patient			\$ 532,393.29
Out-Patient Department:			
Fees	\$ 461.00		
Examinations—Food Handlers	1,700.00		
Total Out-Patient	\$ 2,161.00		
X-Ray Service	1,732.48		
Drug Room Service	2,052.78		\$ 5,946.26
Miscellaneous Earnings:			
Meals	\$ 528.25		
Rents:			
157 Eaton Street	1,200.00		
Federal Project	150.00		
Abstracts	165.00		
Donations	26.00		
Materials	188.45		
Refunds	2,218.78		
Reimbursements	187.50		
Miscellaneous	56.50		
Telephone	402.98		
University of R. I.	11,088.00	16,211.46	22,157.72
Gross Revenue Receipts			\$ 554,531.04
Deduct:			
Refunds on Advanced Payments.....		1,695.90	
Net Revenue Receipts			\$ 552,835.11
Add:			
Revenue from Meals and Lodgings.....		17,829.83	
State of Rhode Island Grant.....		600,000.00	
Total Revenue Receipts.....			\$1,170,684.94

DEPARTMENTAL EXPENDITURES

EXHIBIT 2

Opening Inventories	\$ 64,878.41	
Meals and Lodging	17,829.83	
Expenditures (Schedule A)	1,360,418.64	
Total		\$1,443,126.88
Less:		
Closing Inventories		56,467.95
Total Costs		\$1,386,658.93
Neuro-Psychiatric	\$656,899.50	
Communicable, Pediatric and Other	648,622.08	
Out-Patient	33,821.08	
City Health Department:		
Pulmonary Clinic	19,521.41	
Inspection of Milk	3,294.34	
Laboratory Examinations	154.62	
State Cardiac Clinic	3,118.36	
Other Non-Patient Costs	21,280.92	
Total (Schedule B)		\$1,386,712.31
Minus:		
Overdistributed Balance of Cost		53.38
Total Department Expenditures		<u>\$1,386,658.93</u>

STATEMENT OF INCOME AND EXPENSE

EXHIBIT 3

Income:		
Services Rendered:		
In-Patient	\$855,180.50	
Other	64,366.84	
Total Services		\$ 919,547.34
Deductions:		
Contract Adjustments	\$ 300.96	
Courtesy Services	398.35	
Employee Free Service	6,400.95	
General Public Health (T.B.)	12,805.00	
Free Care	300,110.46	
X-Ray Incident to Shock	164.00	
Research	266.00	
Compromise Settlements	2,443.86	
Total Deductions		322,889.58
Net Services Rendered		\$ 596,657.76
Add Other Income:		
Meals	\$ 14,456.83	
Lodgings	3,373.00	
Total Other Income		17,829.83
Gross Income		\$ 614,487.59
Expenses:		
Salaries	\$1,075,988.04	
Supplies Used, New Equipment and Repairs	310,670.89	
Total Expenses (Exhibit II)		1,386,658.93
Operating Deficit (Based of Services Rendered)		\$ 772,171.34
Deduct:		
State of Rhode Island Grant		600,000.00
Net Operating Deficit		\$ 172,171.34
Add:		
Adjustment for Services Rendered		43,802.65
Deficit for the Year		<u>\$ 215,973.99</u>

EXHIBIT 4

MAINTENANCE COSTS FOR ALL IN-PATIENTS

	Operating Cost	Receipts	Net Expense	Hospital Days	Gross Per Capita Cost	Net Per Capita Cost
1910.....	\$33,720.66	\$1,328.13	\$32,392.53	22,052	\$1.52	\$1.47
1911.....	62,549.01*	3,271.66	59,277.35	35,939	1.74	1.65
1912.....	82,005.29*	5,270.95	76,734.34	43,320	1.89	1.77
1913.....	83,337.56*	4,040.71	79,296.75	44,974	1.85	1.76
1914.....	86,879.81	5,109.77	81,770.04	42,235	2.06	1.93
1915.....	92,401.57	5,570.10	86,831.47	52,029	1.78	1.67
1916.....	99,483.85	8,121.27	91,362.58	52,364	1.89	1.74
1917.....	112,779.75	11,006.05	101,773.70	46,123	2.44	2.22
1918.....	119,685.05	10,577.13	109,107.92	46,675	2.56	2.34
1919.....	136,915.76	19,129.18	117,786.58	54,937	2.49	2.14
1920.....	171,700.14	18,096.85	153,603.29	49,516	3.47	3.10
1921.....	160,068.46	16,060.24	144,008.22	44,253	3.61	3.25
1922.....	152,749.51	13,215.49	139,534.02	38,302	3.99	3.64
1923.....	162,682.64	17,567.56	145,115.07	44,505	3.65	3.26
1924.....	192,766.84	29,542.42	163,224.42	47,087	4.09	3.46
1925.....	189,294.45	19,806.11	169,488.34	39,771	4.76	4.26
1926.....	197,911.43	19,157.22	178,754.21	44,538	4.44	4.01
1927.....	209,427.48	25,997.75	183,429.73	46,076	4.55	3.98
1928.....	221,123.50	32,940.33	188,183.17	48,250	4.58	3.90
1929.....	237,062.99	34,368.34	202,694.65	46,213	5.13	4.39
1930.....	289,237.97	29,608.34	259,629.63	47,482	6.09	5.47
1931.....	328,464.09	44,470.78	283,993.31	70,045	4.69	4.05
1932.....	329,393.09	44,817.92	284,575.17	73,137	4.50	3.89
1933.....	289,002.01	29,736.84	259,265.17	73,595	3.93	3.52
1934.....	293,635.61	34,721.51	258,914.10	70,745	4.15	3.66
1935.....	299,648.73	37,600.20	262,048.53	71,245	4.21	3.68
1936.....	300,566.47	45,241.46	255,325.01	75,514	3.98	3.38
1937.....	291,595.01	52,618.02	238,976.99	78,923	4.01	3.69
1938.....	314,049.60	53,170.83	262,731.21	68,357	4.59	3.84
1939.....	331,284.40	61,042.10	272,307.21	67,328	4.92	4.04
1940.....	360,772.06	80,906.21	279,865.85	67,182	5.37	4.17
1941.....	362,369.82	81,147.38	281,222.44	63,077	5.74	4.46
1942.....	347,275.15	101,495.73	245,779.42	57,197	6.07	4.92
1943.....	377,379.52	120,581.55	256,797.97	57,066	6.61	4.50
1944.....	371,786.26	158,002.31	212,883.95	55,154	6.74	3.86
1945.....	451,026.53	113,358.43	337,668.10	45,585	9.89	6.12
1946.....	517,988.52	145,793.47	372,195.05	48,608	10.66	7.66
1947.....	544,021.93	.....	.....	55,774	9.75	.....
1948.....	627,797.89	.....	.....	48,872	12.85	.....
1949.....	627,884.08	.....	.....	48,542	12.93	.....
1950.....	684,064.02	.....	.....	47,858	14.29	.....
1951.....	697,606.95	.....	.....	42,740	16.32	.....
1952.....	759,762.36	.....	.....	44,337	17.14	.....
1953.....	792,645.89	.....	.....	56,667	13.99	.....
1954.....	869,372.00	.....	.....	48,872	17.79	.....
1955.....	988,571.92	.....	.....	48,249	20.49	.....
1956.....	1,048,665.43	.....	.....	41,569	25.23	.....
1957.....	1,026,975.00	.....	.....	35,484	28.94	.....
1958.....	1,100,982.25	.....	.....	36,650	30.04	.....
1959.....	1,136,943.39	.....	.....	42,012	27.06	.....
1960.....	1,242,287.62	.....	.....	43,032	28.87	.....
1961.....	1,236,593.84	.....	.....	39,467	31.33	.....
1962.....	1,288,967.87	.....	.....	38,395	33.57	.....

* This includes the cost of the hospital proper and the smallpox hospital but not the day camp.

OUT-PATIENT DEPARTMENT.

EXHIBIT 5

	Operating Cost.	Receipts.	Net Expense.	Visits.	Cost Per Visit.
1918.....	\$9,287.46	\$6,695.53	\$2,591.93	17,415	\$0.53
1919.....	5,161.79	5,523.27	{ Surplus 361.48	24,497	.21
1920.....	11,318.41	11,335.60	{ Surplus 17.19	25,712	.44
1921.....	13,067.30	8,522.81	4,544.49	29,536	.44
1922.....	14,182.60	8,140.62	6,041.98	28,228	.50
1923.....	11,574.02	7,239.32	4,334.70	18,384	.62
1924.....	12,226.10	7,107.67	5,118.43	19,289	.63
1925.....	14,085.75	7,628.34	6,457.41	20,175	.70
1926.....	14,206.88	7,031.00	7,175.88	19,891	.71
1927.....	12,764.46	7,369.90	5,394.56	20,755	.62
1928.....	12,718.02	6,121.33	6,596.69	22,787	.56
1929.....	13,793.69	6,869.11	6,924.58	25,971	.53
1930.....	16,394.36	7,877.23	8,517.13	30,788	.53
1931.....	17,194.95	8,051.12	9,143.83	34,195	.50
1932.....	16,707.88	6,260.19	10,447.69	39,275	.43
1933.....	15,990.54	7,373.55	8,616.99	44,871	.36
1934.....	16,654.07	5,136.96	11,517.11	41,766	.40
1935.....	17,687.47	5,354.44	12,333.03	37,785	.47
1936.....	17,640.41	4,120.73	13,519.68	35,345	.50
1937.....	23,420.63	4,051.12	19,369.51	37,817	.66
1938.....	18,976.65	3,762.08	15,214.57	37,700	.55
1939.....	18,275.93	2,921.57	15,354.36	34,796	.53
1940.....	16,686.74	3,031.58	13,655.16	29,828	.56
1941.....	16,701.66	4,001.93	12,699.73	27,716	.60
1942.....	19,188.09	3,733.60	15,454.49	26,439	.73
1943.....	13,252.79	3,522.35	11,752.79	18,273	.73
1944.....	17,150.57	3,367.10	13,783.47	14,622	1.17
1945.....	18,989.48	5,096.97	13,892.51	13,922	1.36
1946.....	17,723.45	4,154.50	13,568.95	13,401	1.32
1947.....	28,028.70	.....	.....	13,701	2.05
1948.....	27,810.89	.....	.....	12,239	2.27
1949.....	29,212.69	.....	.....	12,955	2.26
1950.....	28,476.41	.....	.....	13,131	2.17
1951.....	28,975.65	.....	.....	11,163	2.60
1952.....	35,281.67	.....	.....	10,769	3.28
1953.....	26,907.96	.....	.....	9,819	2.74
1954.....	31,730.03	.....	.....	8,512	3.73
1955.....	32,299.83	.....	.....	8,810	3.66
1956.....	28,381.80	.....	.....	9,482	2.99
1957.....	30,540.05	.....	.....	8,471	3.61
1958.....	28,686.36	.....	.....	7,042	4.07
1959.....	27,561.88	.....	.....	5,915	4.66
1960.....	27,544.30	.....	.....	5,382	5.12
1961.....	33,485.58	.....	.....	7,171	4.67
1962.....	33,821.08	.....	.....	7,305	4.63

SCHEDULE A

ANALYSIS OF APPROPRIATIONS AND EXPENDITURES

Item	Description	Appropriations	Expenditures	Unencumbered Balances
0	Personal Services	\$1,088,095.02	\$1,058,158.21	\$29,936.81
1	Services Other Than Personal.....	66,530.00	66,406.77	123.23
2	Materials and Supplies.....	228,800.00	224,198.70	4,601.30
3	Special Items	125.00	101.25	23.75
5	Equipment Replacement	14,900.00	11,553.71	3,346.29
		<u>\$1,398,450.02</u>	<u>\$1,360,418.64*</u>	<u>\$38,031.38</u>

*Does not include \$17,829.83 covering payroll deductions for Meals and Lodgings.

SCHEDULE B

DEPARTMENTAL COST DISTRIBUTIONS
NEURO-PSYCHIATRIC DEPARTMENT:

Professional Care:

Medical	\$ 39,755.77
Nursing	91,418.30
Other (Soc. Wkrs., Psychom. Ther.).....	33,314.88
Laboratory	12,650.17
Pharmaceuticals	26,647.61
X-Ray	3,368.75
Central Supply (Med. & Surg. Sup.).....	18,383.16
Total	\$225,538.64

Non-Professional Care:

Ambulance	\$ 5,608.30
Dietary	83,040.42
Laundry	27,627.14
Medical Records	7,056.20
Attendant Service	127,161.54
General Administration	70,468.02
Housing:	
Utility Service	4,287.69
Maintenance	21,530.74
Heat, Hot Water and Steam.....	14,615.76
Housekeeping	51,960.19
Materials and Supplies.....	11,832.19
Equipment Replacement	6,172.67
Total	\$431,360.86

Gross Cost of Patients Housed in Psychopathic Department..... \$ 656,899.50

COMMUNICABLE, PEDIATRIC AND OTHER:

Professional Care:

Medical	\$ 56,841.58	
Nursing	157,160.42	
Other Professional Care	4,184.80	
Laboratory	58,761.58	
Pharmaceuticals	24,555.06	
X-Ray	9,857.35	
Central Supply (Med. & Surg. Sup.)	8,383.15	
Total		\$319,743.94

Non-Professional Care:

Ambulance	\$ 2,194.57	
Dietary	36,077.43	
Laundry	45,351.25	
Medical Records	5,291.86	
Practical nurses, aides, etc.	86,978.93	
General Administration	54,540.82	

Housing:

Utility Service	5,734.82	
Maintenance	22,681.25	
Heat, Hot Water and Steam	11,748.32	
Housekeeping	47,522.54	
Materials and Supplies	10,737.36	
Equipment Replacement	18.99	
Total		328,878.14

Gross Cost of Patients Housed in Communicable, Pediatric & Other..... 648,622.08

OUT-PATIENT DEPARTMENT:

Professional Care:

Medical	\$ 4,980.69	
Nursing	7,956.61	
Laboratory	7,724.83	
Pharmaceuticals	90.90	
X-Ray	110.76	
Total		\$ 20,863.79

Non-Professional Care:

Laundry	\$ 809.73	
General Administration	5,937.96	

Housing:

Utility Service	1,100.04	
Maintenance	744.67	
Heat, Hot Water and Steam	634.15	
Housekeeping	3,394.56	
Materials and Supplies	336.18	
Total		12,957.29

Gross Cost of All Patients Treated in Out-Patient Clinic..... 33,821.08

PULMONARY TUBERCULOSIS CLINIC:

Professional Care

Other (Tech. Clinic Serv.).....	\$ 156.00	
Pharmacy	271.11	
X-Ray	16,828.25	
Total		\$ 17,255.36

Non-Professional Care:

Housing:

Utility Service	\$ 421.71	
Maintenance	992.95	
Heat, Hot Water and Steam	845.53	
Materials and Supplies.....	5.86	
Total		2,266.05

Gross Cost of Hospital for City Pulmonary Tuberculosis Clinic..... 19,521.41

INSPECTION OF MILK:

Non-Professional Care:

Housing:

Utility Service	\$ 487.66	
Maintenance	1,515.92	
Heat, Hot Water and Steam	1,290.76	

Gross Hospital Cost for City Inspection of Milk..... 3,294.34

LABORATORY EXAMINATIONS:

Laboratory	\$ 154.62	
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Gross Hospital Cost for Laboratory Examinations..... 154.62

COST OF CARDIAC AND MENTAL RETARDATION CLINICS:

Professional Care:

X-Ray	\$ 1,956.93	
Total		\$ 1,956.93

Non-Professional Care:

Housing:

Utility Service	\$ 242.17	
Maintenance	496.48	
Heat, Hot Water and Steam	422.78	

Total 1,161.43

Gross Hospital Cost for Cardiac and Mental Retardation Clinic..... 3,118.36

COST OF OTHER NON-PATIENTS:

Pharmaceuticals	\$ 21,280.92	
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Gross Cost of Other Non-Patients..... 21,280.92

Total Department Expenditures Distributed..... \$1,386,712.31

Minus:

Overdistributed Balance of Cost..... 53.38

Total Departmental Expenditures..... \$1,386,658.93

General Statistics

(October 1, 1961-September 30, 1962)

Population, March 1, 1910-September 30, 1962

Year	Total Discharges	Days' Treatment	Average Daily Pop.	Average Stay						Non-Resident Patients (Fiscal Year)	Out-Patient Dept. Visits	Ambulance Calls	
				Contagious Diseases	Pediatrics	Medical	Tuberculosis	*Psychiatric Diseases	**Surgical				
1910.....	522	26,170	71.7	...	...	...	...	...	...	19	.....	544
1911.....	746	37,585	102.9	37.9	...	...	...	82.4	...	21	.....	702
1912.....	1,004	44,770	122.3	34.1	...	...	...	131.8	...	48	.....	846
1913.....	1,010	44,245	120.6	28.7	...	...	...	109.4	...	64	.....	790
1914.....	1,632	44,097	120.8	39.9	...	...	...	94.8	...	78	.....	864
1915.....	1,875	51,976	142.4	27.1	...	...	...	117.6	...	68	.....	991
1916.....	1,865	52,364	143.4	20.8	...	...	...	99.9	...	110	3,592	1,081
1917.....	1,368	46,123	126.3	20.7	...	...	...	90.2	...	145	12,902	957
1918.....	1,882	46,675	127.8	27.7	...	...	...	52.0	...	188	17,415	1,392
1919.....	1,484	47,988	131.5	29.3	...	...	...	71.6	...	141	24,497	974
1920.....	1,537	48,120	131.8	32.3	...	...	...	92.0	...	100	25,712	1,459
1921.....	1,274	43,097	118.0	24.0	...	...	...	102.1	...	122	28,621	1,573
1922.....	1,194	39,636	108.6	22.9	...	...	...	123.8	...	142	24,551	1,058
1923.....	1,448	46,544	127.5	21.5	...	...	...	94.2	...	184	18,384	1,161
1924.....	1,659	44,619	121.9	20.5	...	...	...	80.9	...	155	19,289	1,383
1925.....	1,411	39,905	109.3	19.6	...	...	...	102.6	...	159	22,344	1,052
1926.....	1,657	45,458	124.0	19.0	...	...	...	94.4	...	141	20,569	1,162
1927.....	1,578	47,894	131.2	19.2	...	...	...	143.3	...	130	22,208	1,186
1928.....	1,709	47,509	127.1	19.8	...	...	...	96.3	...	134	22,821	1,455
1929.....	1,752	44,864	122.9	18.6	...	...	...	82.5	...	146	25,971	1,267
1930.....	2,039	58,086	153.6	21.5	...	...	...	64.9	18.6	263	30,788	1,388
1931.....	2,727	71,669	196.4	18.5	...	...	...	84.8	25.9	340	34,195	1,779
1932.....	2,556	73,983	202.0	19.8	...	...	...	116.9	24.0	291	39,278	1,747
1933.....	2,310	74,862	205.1	22.8	...	...	...	155.7	25.2	166	43,789	1,660
1934.....	1,918	67,974	186.2	25.7	...	...	...	161.3	28.3	239	31,832	1,318
1935 (9 Mos.)	1,807	55,770	204.2	20.3	...	...	...	121.1	29.2	310	28,884	1,334
1936.....	2,251	75,514	206.8	24.0	...	...	...	140.3	35.7	262	35,345	1,492
1937.....	2,285	78,923	216.2	24.4	...	...	...	113.5	43.2	208	35,817	1,638
1938.....	2,001	68,357	187.2	24.4	...	...	...	163.2	33.8	282	27,700	1,777
1939.....	1,969	67,328	184.5	25.0	...	...	...	160.5	30.2	224	34,796	1,168
1940.....	2,047	67,182	184.1	23.0	...	...	...	146.3	31.1	270	29,828	1,214
1941.....	1,994	63,077	172.8	20.6	...	...	...	128.2	28.4	351	27,716	1,257
1942.....	2,167	57,197	156.7	19.5	...	...	...	106.4	24.0	439	26,439	1,267
1943.....	2,342	57,066	156.3	18.6	...	...	...	107.0	23.5	713	17,273	1,184
1944.....	2,365	55,154	151.1	18.2	...	...	...	99.0	23.3	798	14,622	887
1945.....	2,168	45,585	124.8	16.3	...	...	...	103.2	15.8	709	13,922	792
1946.....	2,629	48,608	133.2	14.9	91.9	16.4	7.0	965	13,401	657
1947.....	3,253	55,774	152.8	14.4	99.1	17.2	6.6	1,282	13,701	730
1948.....	3,305	48,872	133.5	14.0	64.5	14.9	3.0	1,173	12,239	524
1949.....	3,443	48,542	132.9	13.1	67.8	14.4	4.8	1,436	12,955	538
1950.....	3,155	47,858	131.1	15.3	58.8	13.8	5.4	1,313	13,131	506
1951.....	3,057	42,740	117.1	13.3	53.0	12.8	5.5	1,254	11,163	544
1952.....	3,251	44,337	121.1	11.6	82.6	15.5	5.6	1,342	10,769	483
1953.....	3,084	56,667	158.0	28.1	16.7	8.7	76.9	16.1	6.2	1,320	9,819	596	
1954.....	2,295	48,872	133.8	28.9	21.3	10.0	57.2	17.9	...	1,020	8,512	645	
1955.....	2,839	48,249	132.2	24.4	19.1	8.6	...	15.8	3.5	1,491	8,810	827	
1956.....	2,027	41,569	113.6	32.8	24.8	11.7	...	15.2	...	967	9,482	892	
1957.....	2,292	35,484	97.2	18.4	15.4	13.8	...	15.0	...	1,127	8,471	1,187	
1958.....	2,452	36,650	100.4	14.1	14.5	11.8	...	15.6	...	1,130	7,042	2,296	
1959.....	2,592	42,012	115.1	16.1	15.1	9.7	...	18.0	...	1,306	5,915	2,103	
1960.....	2,398	43,032	117.6	24.3	17.6	8.6	...	18.9	...	1,169	5,382	2,168	
1961.....	2,411	39,467	108.1	20.0	13.6	13.5	...	18.0	...	1,181	7,171	2,315	
1962.....	2,591	38,395	105.2	13.5	10.2	11.7	...	18.1	...	1,394	7,305	2,438	

*Wards for Psychiatric Diseases were opened June 1, 1930.
 **Surgical ward opened April 1, 1946.

C. Report on All Diseases

Table C 1. Diseases Treated March 1, 1910-September 30, 1962

DISEASES	Oct. 1, 1961			Oct. 1, 1960			March 1, 1910		
	Sept. 30, 1962			Sept. 30, 1961			Sept. 30, 1962		
	Cases.	Deaths.	Fatality.	Cases.	Deaths.	Fatality.	Cases.	Deaths.	Fatality.
Chickenpox	25			14			1,155	14	1.2
Diarrhea, due to infection	1			1			68***		
Diarrhea, due to unknown cause							73***		
Diphtheria	0			0			3,744	689	12.0
Diphtheria carrier	0			0			729		
Dysentery bacillary	0			0			63***		
Encephalitis, acute, all forms	24			18	1	5.6	436	56	12.8
Epidemic parotitis (mumps)	28			7			767		
Erysipelas	0			0			933	86	9.2
Gonorrhea	0			1			2,238	6	0.3
Gonorrheal conjunctivitis	0			0			180	5	2.8
Hepatitis, infectious (epidemic)	35			97			609***		
H. S. Carrier	1			0			23***		
Impetigo	8			12			618	1	0.2
Influenza	1			0			1,081	81	7.5
Leprosy	0			0			2		
Measles	76	1	1.3	125			4,577	233	5.1
Meningitis, aseptic	11			52			63§		
Meningitis, cerebrospinal, epidemic, (Meningococcic)	3			3			854	145	17.0
**Meningitis, tuberculous	1			1	1	100.0	116	91	78.4
Meningitis, other forms	13	1	7.8	19	3	15.8	551	139	25.2
Meningococcemia	2	1	50.0	0			13***	3	23.1
Mononucleosis, infectious	16			12			91***		
Pneumonia, all forms	99	1	1.0	49			2,999	284	9.5
Polioomyelitis, acute, all forms	4	1	25.0	31			2,320	136	5.9
Rabies	0			0			3	3	100.0
Rubella	0			0			786	1	0.1
Scabies	0			0			333		
Scarlet Fever	114			119			11,865	218	1.8
Syphilis, congenital	0			0			166	18	10.8
Syphilis, other forms	0			0			3,422	32	0.9
Tinea capitis	0			0			12***		
*Tonsillitis	59			104			4,992	11	0.2
Tonsillitis, due to Hemolytic Streptococcus	32			43			732	4	0.5
Tuberculosis, pulmonary	4			1			5,926	2,206	37.2
Tuberculosis, other forms	0			0			313	107	34.2
Typhoid Fever	3			1			197	20	10.2
Vincent's infection	0			0			245	10	4.1
Whooping Cough	35			6			3,055	180	5.9
No diagnosis	1			5			911	12	1.3
Other diseases	589	7	1.2	500	1	0.2	20,160	1,057	5.2
†Diseases of the nervous system	1,406	9	0.6	1,190	11	0.9	25,458	645	2.5
‡Surgery	0			0			4,704	26	0.6
Total	2,591	21	0.8	2,411	17	0.7	109,583	6,521	6.0

*Tonsillitis, under this heading is included pharyngitis, naso-pharyngitis, septic sore throat and other inflammatory conditions of the faucial region, the pharynx and naso-pharynx.

**Some of the apparent living cases died after leaving the hospital.

†The wards for diseases of the nervous system were opened June 1, 1930.

‡Surgical ward was opened April 1, 1946. Closed August, 1955.

***Beginning October 1, 1952.

§Beginning October 1, 1960.

(Other Diseases: In Table C 1. Specified)

	Living	Dead		Living	Dead
Abscess of buttock.....	2	.....	Heart disease, congenital, in-		
Abscess of hand.....	1	.....	completely diagnosed.....	3	1
Abscess, ischio-rectal.....	1	.....	Hematuria, due to unknown		
Abscess of lmpyh glands (cer-			cause.....	1	.....
vical).....	1	.....	Hemorrhage, massive, into the		
Abscess of operative wound			left cerebellar hemisphere....	1	1
(lumbar region).....	1	.....	Hemorrhage, subarachnoid, due		
Abscess, perirenal.....	1	.....	to unknown cause.....	1	.....
Abscess of peritonsillar tissue...	1	.....	Hemorrhage, subarachnoid, due		
Abscess of pharynx.....	1	.....	to vascular disease with hyper-		
Adenocarcinoma of rectum.....	1	1	tension.....	1	.....
Anemia, Cooley's (Thalassemia			Herpes zoster.....	1	.....
major).....	2	.....	Hypertension, essential vascular.	1	.....
Anemia, hypochromic, microcytic	1	.....	Hypothyroidism, juvenile, due to		
Anemia, macrocytic.....	1	.....	unknown cause.....	1	.....
Arthritis, toxic, acute, right el-			Hysterical personality.....	1	.....
bow and wrist.....	1	.....	Infection of external auditory		
Asthma.....	49	.....	meatus.....	1	.....
Bronchiectasis.....	1	.....	Injury of head.....	1	.....
Bronchiolitis.....	9	.....	Jaundice, catarrhal.....	1	.....
Bronchitis.....	32	.....	Laryngotracheitis, acute.....	41	.....
Bursitis.....	1	.....	Lymphadenitis, submandibular..	1	.....
Cardiac insufficiency.....	1	1	Lymphadenitis, acute, due to in-		
Cellulitis of face.....	5	.....	fection.....	1	.....
Cellulitis of foot.....	2	.....	Meningoencephalomyelitis with		
Cellulitis of leg.....	2	.....	radiculitis.....	2	.....
Cerebral defect, congenital.....	1	.....	Migraine, due to unknown cause.	1	.....
Cerebral palsy.....	1	.....	Moniliasis.....	1	.....
Cholecystitis, acute.....	1	.....	Myositis, acute.....	5	.....
Cirrhosis of liver.....	1	.....	Nephrotic syndrome.....	4	.....
Colitis, chronic.....	1	.....	Neurodermatitis, disseminata		
Common cold.....	1	.....	(atopic eczema).....	6	.....
Contusion of kidney.....	2	.....	Neurofibromatosis.....	1	.....
Convulsive disorder, cause un-			Neuropathy of facial nerve		
determined.....	6	.....	(Bell's Palsy).....	1	.....
Cystic fibrosis of the pancreas..	1	.....	Observation for cholecystitis...	1	.....
Cystitis, acute.....	4	.....	Observation for mental deficiency	1	.....
Cystitis, chronic.....	1	.....	Observation for migraine.....	1	.....
Diabetes mellitus.....	1	.....	Obesity due to excess of food...	2	.....
Diagnosis deferred.....	16	.....	Otitis media, non-suppurative,		
Dermatitis, allergic.....	7	.....	acute.....	6	.....
Dermatitis, exfoliativa.....	1	.....	Otitis media, suppurative, acute.	3	.....
Dermatitis of leg due to Non-			Otitis media, suppurative, chron-		
Hemolytic Staph. Aureus.....	1	.....	ic.....	3	.....
Dermatitis medicamentosa.....	2	.....	Poisoning.....	5	.....
Dermatitis seborrhoeic.....	3	.....	Polynueritis.....	1	.....
Dermatitis due to undetermined			Polyp, intestinal.....	1	.....
cause.....	2	.....	Positive reaction to tuberculin		
Dermatitis venenata.....	1	.....	test.....	1	.....
Eczema.....	3	.....	Pneumonitis, acute.....	6	.....
Enteritis, acute.....	3	.....	Psoriasis.....	1	.....
Erythema multiforme.....	4	.....	Purpura, allergic.....	2	.....
Exanthema subitum (roseola)...	4	.....	Pyelitis, acute.....	1	.....
Feeding, improper, of person			Pyelonephritis, acute.....	6	.....
over two years.....	1	.....	Pyoderma.....	1	.....
Feeding, improper, of child under			Pyonephrosis.....	1	.....
two years.....	9	.....	Respiratory infection, acute dif-		
Fever of unknown origin.....	2	.....	fuse.....	72	.....
Fibrous anal tags.....	1	.....	Septicemia.....	2	1
Fracture of femur.....	1	.....	Sinusitis, acute.....	7	.....
Fracture of humerus.....	1	.....	Spina bifida.....	2	.....
Fracture of temporal bone.....	1	.....	Sprain of left knee.....	1	.....
Furunculosis.....	2	.....	Stomatitis.....	6	.....
Gastritis, acute.....	4	.....	Syccosis pyogenic.....	1	.....
Gastroenteritis, acute.....	58	.....	Thrombophelebitis.....	4	.....
Gastroenteritis, acute, due to			Tracheitis, acute.....	3	.....
Paracolon.....	8	2	Ulcer, duodenal.....	1	.....
Gastroenteritis, acute, due to			Urticaria.....	1	.....
Proteus.....	47	.....	Vaccination reaction.....	2	.....
Gastroenteritis, acute, due to			Virus encephalomyelitis (Guil-		
Salmonella.....	17	.....	lain-Barre Syndrome).....	1	.....
Gastrointestinal allergy.....	3	.....	Virus infection of upper respira-		
Gingivitis, acute.....	3	.....	tory tract (unspecified).....	5	.....
Gloma of brain stem.....	1	.....	Virus infection of undetermined		
Glomerulonephritis, acute.....	1	.....	type.....	14	.....
Grand mal.....	1	.....		

(Diseases of the Nervous System: In Table C 1. Specified)

	Living	Dead
Schizophrenic reaction	441	
Manic depressive reaction, manic type.....	18	
Manic depressive reaction, depressive type.....	48	
Psychotic depressive reaction	70	
Paranoid state	10	
Involuntional psychotic reaction.....	14	
<i>Chronic Brain Disorders</i>		
Associated with congenital brain anomaly.....	1	
Associated with central nervous system syphilis.....	4	
Alcohol intoxication	18	1
Associated with brain trauma.....	6	
Associated with cerebral arteriosclerosis.....	60	4
Associated with circulatory disturbance other than cerebral arteriosclerosis	5	
Associated with convulsive disorder.....	6	
Associated with senile brain disease.....	15	1
Associated with other disturbance of metabolism, growth or nutrition	2	
Associated with disease of unknown or uncertain cause	3	
Of unknown cause	2	
<i>Acute Brain Disorders</i>		
Associated with systemic infection.....	3	
Drug or poison intoxication.....	7	
Alcohol intoxication	230	
Delirium tremens	60	2
Associated with convulsive disorder.....	3	
With metabolic disturbance.....	6	
Associated with intracranial infection.....	1	
Of unknown cause	2	
Associated with circulatory disturbance.....	3	
Associated with brain trauma.....	1	
<i>Psychoneurotic Disorders</i>		
Anxiety reaction	25	
Dissociative reaction	1	
Conversion reaction	3	
Obsessive compulsive reaction	2	
Depressive reaction	249	
<i>Personality Disorders</i>		
Inadequate personality	6	
Schizoid personality	2	
Paranoid personality	2	
Emotionally unstable personality.....	7	
Passive-aggressive personality.....	3	
Sociopathic personality disturbance.....	9	
Antisocial reaction	6	
Dyssocial reaction	1	
Sexual deviation	1	
Drug addiction	4	

	Living	Dead
<i>Transient Situational Personality Disorders</i>		
Transient situation personality disturbance.....	1	
Adult situational reaction	1	
Adjustment reaction of adolescence.....	3	
Conduct disturbance	1	
<i>Mental Deficiency</i>		
Idiopathic, mild	9	
Idiopathic, moderate	14	
Idiopathic, severe	4	
<i>Psychophysiologic Disorders</i>		
Psychophysiologic gastrointestinal reaction	2	
Psychophysiologic reaction of ears.....	1	
<i>Brain Tumor</i>	1	
<i>Diagnosis deferred</i>	1	

Table C 4. Diphtheria: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910-September 30, 1962:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910
	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962
Under 1.....	99	.....	.....	45	.....	.....	45.5
1.....	233	.....	.....	90	.....	.....	38.6
2.....	370	.....	.....	90	.....	.....	24.3
3.....	449	.....	.....	70	.....	.....	15.6
4.....	459	.....	.....	80	.....	.....	17.4
5.....	403	.....	.....	66	.....	.....	16.4
6.....	422	.....	.....	50	.....	.....	11.8
7.....	368	.....	.....	37	.....	.....	10.1
8.....	318	.....	.....	30	.....	.....	9.4
9.....	200	.....	.....	18	.....	.....	9.0
10-14.....	644	.....	.....	45	.....	.....	7.1
15-19.....	226	.....	.....	5	.....	.....	2.2
20-29.....	453	.....	.....	6	.....	.....	1.3
30-39.....	155	.....	.....	8	.....	.....	5.2
40-49.....	40	.....	.....	6	.....	.....	15.0
50-59.....	19	.....	.....	2	.....	.....	10.5
Over 60.....	5	.....	.....	.....	.....	.....	.....
Total.....	4,853	.....	.....	648	.....	.....	13.3

Table C 10. Scarlet fever: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910-September 30, 1962:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910
	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962
Under 1.....	0	0	61	.....	.....	6	.....	.....	9.8
1.....	3	2	207	.....	.....	1	.....	.....	0.5
2.....	6	7	535	.....	.....	18	.....	.....	3.4
3.....	14	9	860	.....	.....	14	.....	.....	1.6
4.....	19	17	899	.....	.....	30	.....	.....	3.3
5.....	14	22	938	.....	.....	20	.....	.....	2.1
6.....	12	13	1,092	.....	.....	9	.....	.....	0.8
7.....	14	14	965	.....	.....	13	.....	.....	1.3
8.....	7	13	855	.....	.....	10	.....	.....	1.2
9.....	4	5	638	.....	.....	9	.....	.....	1.4
10-14.....	10	5	1,663	.....	.....	12	.....	.....	0.7
15-19.....	0	2	588	.....	.....	9	.....	.....	1.5
20-29.....	2	0	833	.....	.....	15	.....	.....	1.8
30-39.....	0	0	280	.....	.....	7	.....	.....	2.5
40-49.....	1	0	74	.....	.....	4	.....	.....	5.4
50-59.....	0	0	14	.....	.....	0	.....	.....	.....
Over 60.....	0	0	2	.....	.....	1	.....	.....	50.0
Total.....	106	109	10,504	.....	.....	178	.....	.....	1.7

Table C 12. Scarlet Fever: Average length of stay in days of cases uncomplicated by any other disease, March 1, 1910-September 30, 1962:

Year	Duration of Isolation	Living Cases	Fatal Cases	All Cases
1910.....	5 weeks	40.4	9.4	39.2
1911.....	5 "	49.6	16.9	47.0
1912.....	5 "	45.9	5.8	43.5
1913.....	5 "	41.0	12.5	40.1
1914.....	4 "	36.6	13.0	35.4
1915.....	4 "	36.4	6.9	35.2
1916.....	5 "	32.2	5.0	31.1
1917.....	5 "	40.5	4.4	38.5
1918.....	5 "	36.0	2.2	35.2
1919.....	5 "	40.9	6.2	39.9
1920.....	5 "	38.4	5.4	33.1
1921.....	5 "	37.9	2.0	37.5
1922.....	5 "	37.4	2.0	36.8
1923.....	5 weeks until Dec. 6th, then 4 weeks.	32.2	5.0	31.7
1924.....	4 weeks	31.2	6.0	31.1
1925.....	4 "	30.4	17.5	31.1
1926.....	4 "	29.9	18.5	29.7
1927.....	4 "	32.0	13.5	31.5
1928.....	4 "	30.1	5.1	29.6
1929.....	4 "	29.4	10.5	28.8
1930.....	4 "	30.7	17.0	30.8
1931.....	4 "	30.4	3.3	30.2
1932.....	4 "	30.9	8.9	30.5
1933.....	4 "	33.5	5.3	33.2
1934.....	4 "	34.3	2.0	34.2
1935 (9 months).....	4 weeks in usual cases and 3 weeks in very mild selected cases.	33.2	7.5	32.8
1936.....	4 weeks	30.2	14.6	30.0
1937.....	4 "	30.2	21.7	30.0
1938.....	4 "	27.8	....	27.8
1939.....	4 "	29.6	....	29.6
1940.....	4 "	31.1	....	31.1
1941.....	4 "	25.3	....	25.3
1942.....	4 "	25.9	....	25.9
1943.....	4 "	27.8	....	27.8
1944.....	4 "	30.6	....	30.6
1945.....	4 "	25.3	....	25.3
1946.....	4 "	21.7	....	21.7
1947.....	3 "	25.3	....	25.3
1948.....	3 "	26.7	....	26.7
1949.....	3 "	19.7	....	19.7
1950.....	2-3 "	21.0	....	21.0
1951.....	2-3 "	18.2	....	18.2
1952.....	2-3 "	18.4	....	18.4
1953.....	2-3 "	17.5	....	17.5
1954.....	2-3 "	17.3	....	17.3
1955.....	2-3 "	15.2	....	15.2
1956.....	2-3 "	15.2	....	15.2
1957.....	2-3 "	13.7	....	13.7
1958.....	1-2 "	12.9	....	12.9
1959.....	1-2 "	12.4	....	12.4
1960.....	1-2 "	12.7	....	12.7
1961.....	1-2 "	11.6	....	11.6
1962.....	1-2 "	12.1	....	12.1

Table C 16. Measles: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910-September 30, 1962:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910
	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962
Under 1	3	3	180	.....	.....	36	.....	.....	20.0
1	2	1	322	.....	.....	59	.....	.....	18.3
2	1	14	397	.....	.....	31	.....	.....	7.8
3	3	9	351	.....	.....	14	.....	.....	4.0
4	.....	5	357	.....	.....	9	.....	.....	2.5
5	4	5	335	.....	.....	2	.....	.....	0.6
6	4	6	351	.....	.....	5	.....	.....	1.4
7	1	3	248	.....	.....	3	.....	.....	1.2
8	2	2	188	.....	.....	.....	.....	.....	.....
9	2	2	101	.....	.....	.....	.....	.....	.....
10-14	1	2	184	.....	.....	4	.....	.....	2.2
15-19	.....	.....	143	.....	.....	.....	.....	.....	.....
20-29	.....	1	239	.....	.....	1	.....	.....	0.4
30-39	.....	.....	45	.....	.....	1	.....	.....	2.2
40-49	.....	.....	9	.....	.....	3	.....	.....	33.3
50-59	.....	.....	7	.....	.....	.....	.....	.....	.....
Over 60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	23	53	3,457	.....	.....	168	.....	.....	4.9

Table C 17. Whooping Cough: Number of cases and fatality by ages, March 1, 1910-September 30, 1962:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910	Oct.1, 1961	Oct.1, 1960	Mar.1, 1910
	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962	Sep.30, 1962	Sep.30, 1961	Sep.30, 1962
Under 1	17	.....	950	.....	.....	89	.....	.....	9.4
1	5	2	524	.....	.....	45	.....	.....	8.6
2	2	2	373	.....	.....	21	.....	.....	5.6
3	3	.....	278	.....	.....	7	.....	.....	2.5
4	2	2	217	.....	.....	8	.....	.....	3.7
5	1	.....	155	.....	.....	2	.....	.....	1.3
6	.....	.....	104	.....	.....	2	.....	.....	1.9
7	1	.....	97	.....	.....	1	.....	.....	1.0
8	.....	.....	45	.....	.....	.....	.....	.....	.....
9	.....	.....	27	.....	.....	1	.....	.....	3.7
10-14	4	.....	25	.....	.....	.....	.....	.....	.....
15-19	.....	.....	5	.....	.....	1	.....	.....	20.0
20-29	.....	.....	10	.....	.....	.....	.....	.....	.....
30-39	.....	.....	.....	.....	.....	.....	.....	.....	.....
40-49	.....	.....	1	.....	.....	.....	.....	.....	.....
50-59	.....	.....	2	.....	.....	.....	.....	.....	.....
Over 60	.....	.....	1	.....	.....	.....	.....	.....	.....
Total	35	6	2,814	.....	.....	177	.....	.....	6.3

Secondary Diseases Among Patients: Oct. 1, 1961-Sept. 30, 1962.

By the term "secondary diseases" is meant diseases developing in the hospital after admission or soon after the discharge of the patient within the period of the incubation of the disease in question. They are further divided into two groups: Group I, comprising all those cases which were apparently contracted in the hospital and called cross-infections, and Group II, including diseases which developed in the hospital but which were contracted before admission.

The group to which a case is assigned depends upon two factors: first, a consideration of the incubation period, that is, whether the patient was in the hospital long enough to have contracted the disease in the hospital and whether he was home long enough after discharge to have contracted it after leaving the hospital. Secondly, consideration is given to the possibility of exposure before admission or after discharge and the possibility of exposure in the hospital wards. Usually an accurate conclusion can be drawn when all the circumstances are considered.

In the study of the sources of secondary diseases, the following incubation periods have been adopted. They are stated in maximum terms:

Chickenpox, three weeks
Diphtheria, one week
Measles, two weeks
Mumps, three weeks
Rubella, three weeks
Scarlet fever, one week
Variola, two weeks
Whooping cough, three weeks

While variations occur in the length of incubation periods in most infectious diseases, the above are adopted as a working basis.

There are side rooms and small wards in each building. When patients are in the same room but suffering from different diseases, each bed is marked by a barrier card, with or without numbers attached. When numbers are used, as in the larger wards, the unit or group to which the patient belongs is clearly indicated to facilitate carrying out rigid technique, thus preventing infection from being carried from one unit to another.

CROSS-INFECTIONS

All secondary infections occurring among patients after admission are included either in Group I or Group II.

During the year, 1,128 patients were cared for in the wards for acute communicable diseases. Patients cared for in other wards are not included in estimating cross-infection rates. Patients discharged from the infectious disease wards during the year and the number of patients in these wards at the end of the year are included. A small number of resultant discrepancies may be noted which are due to departmental transfers.

There was one cross-infection as follows:

GROUP I

MEASLES—EAST II

On December 20, 1961, a twelve-year-old female, #108673, was admitted to East II because of infectious hepatitis and on her forty-fourth hospital day, February 1, 1962, developed measles.

GROUP II

During the year, one child was admitted for another disease while in the incubation period of measles and developed the disease during hospitalization. There were also two cases of chickenpox which occurred in patients admitted for other diseases. Details concerning these instances appear below:

Measles

On May 28, 1962, a two and one half-year-old male, #109973, was admitted to East I with bronchopneumonia. He developed measles on May 31, 1962, the obvious result of exposure prior to admission.

Chickenpox

A three-year-old female, #108642, was admitted to East II on December 14, 1961 with bronchopneumonia and on December 24, 1962 developed chickenpox, the result of exposure to the disease before admission.

On May 19, 1962, a seven-year-old female, #109906, was admitted to East II because of scarlet fever and on the fifth hospital day developed chickenpox, the result of exposure prior to admission.

Report of the Neuro-Psychiatric Department

The admission rate during the last fiscal year showed an increase of 223 patients (including two transfers from the communicable disease wards). In 1961, 1,193 patients were admitted; in 1962, 1,416. This shows a continuation of a steadily rising rate from 1957, when 1,005 patients were admitted.

ADMISSIONS

First Admissions.....	979
Second ".....	255
Third ".....	76
Fourth ".....	52
Fifth ".....	27
Sixth ".....	8
Seventh ".....	8
Eighth ".....	6
Ninth ".....	2
Tenth ".....	2
Eleventh ".....	1
Total	1,416

There were 62 juveniles (18 years and under) admitted: 31 males and 31 females. There was an increase of 19 adolescents. The disposition of adolescents continues to be a problem.

As the figures in the following chart show, we are still able to return to the community many more patients than we transfer to other hospitals.

CONDITION ON DISCHARGE

<i>Year</i>	<i>Improved and Recovered</i>	<i>Unimproved</i>	<i>Dead</i>	<i>Total</i>
1958	563	440	7	1,010
1959	564	490	13	1,067
1960	659	482	12	1,153
1961	661	520	11	1,192
1962	883	514	9	1,406

DISPOSITION

Home.	769
Home, Against Advice	77
State Hospital (Department of Social Welfare)	434
Butler Hospital	19
Veterans Administration Hospitals	
Brockton.	36
Davis Park	10
Rhode Island Hospital	22
Our Lady of Fatima Hospital	1
Woonsocket Hospital	3
Pawtucket Memorial Hospital	1
Providence Lying-In Hospital	1
Miriam Hospital	1
St. Elizabeth's Hospital, Boston, Massachusetts	1
Newport Naval Hospital	1
Convalescent and Nursing Homes	4
Family Court	4
Narcotics Division	1
Police Custody	4
A. W. O. L.	8
Dead.	9
Causes of Death:	
Bronchopneumonia.	7
Arteriosclerotic Heart Disease	1
Fatty degeneration of liver	1
Total.	1,406

A listing of the diagnoses on discharge appears in Table C 1 Specified of the General Statistics.

Other hospitals are continuing to increase their use of our facilities and transferred 136 more patients in 1962 than in 1961, or a total of 347. Many of them were acutely ill, both physically and mentally, and presented a challenge and problem in medical and nursing care. It is noteworthy that many Rhode Island Hospital transfers were patients who came directly from its accident room.

Twenty-seven patients were transferred to general hospitals for further care, an increase of 12 over the year before.

PATIENTS RECEIVED FROM OTHER HOSPITALS

Rhode Island Hospital.....	185
Pawtucket Memorial Hospital	34
Davis Park V. A. Hospital.....	28
Newport Naval Hospital	19
St. Joseph's Hospital	16
Woonsocket Hospital	14
Our Lady of Fatima Hospital.....	13
Quonset Naval Air Station Hospital.....	12
Roger Williams General Hospital.....	9
Miriam Hospital	6
Kent County Hospital	4
Butler Hospital	3
South County Hospital.....	1
Newport Hospital	1
Zambarano Memorial Hospital	1
Massachusetts General Hospital	1
Total.	<u>347</u>

PATIENTS TRANSFERRED TO GENERAL HOSPITALS

Rhode Island Hospital	22
Pawtucket Memorial Hospital	1
Our Lady of Fatima Hospital.....	1
Providence Lying-In Hospital.....	1
Miriam Hospital	1
Newport Naval Hospital.....	1
Total.	<u>27</u>

For the first time in several years, there was a decrease in the number of patients over 65 years of age, 127 as compared to 148, and it is of interest to note that the oldest patient was 95.

DISPOSITION OF PATIENTS AGE 65 AND OVER

Home.	36
Home, Against Advice.....	4
State Hospital for Mental Diseases.....	72
Rhode Island Hospital.....	4
Davis Park V. A. Hospital.....	2
Brockton V. A. Hospital.....	1
Nursing Homes	3
St. Maria's Home	1
Dead.	4
Total.	<u>127</u>

It has been more and more apparent during the past decade that patients admitted having alcoholic problems are on the in-

crease. There were 283 admitted, 33 more than last year, and of these 187 were first admissions. There were 101 readmissions.

NUMBER OF READMISSIONS

2nd.	44
3rd.	18
4th.	9
5th.	6
6th.	4
7th.	6
8th.	3
9th.	1
10th.	3
11th.	1

Within the Same Year

One Readmission	4
Two Readmissions	7
Three Readmissions	3

We continue to offer a vital and much-needed and used community facility. Private practitioners, the police (who referred 185, 39 more than in 1961), community hospitals and clinics are making increased demands for our services. The staff has used the team approach to give the patient, the family, and the community the best of service. Patients with the most favorable prospects for recovery and return to the community are given first consideration.

Hindle Building, the open, ambulatory, convalescent female service has been well utilized and on April 23, 1962, West I was opened to provide a similar service to male patients. Its cheery interior and permissive atmosphere add a great deal to the services the department is able to offer.

The Rhode Island Department of Education, Division of Vocational Rehabilitation has provided us with the services of a rehabilitation counselor and a weekly home economics program. Both are extremely welcome and are important additions.

VOLUNTEER PROGRAM

During the past year, 58 volunteers served approximately 300 hours. In addition to the regular programs in recreation

and companion therapy, there has been an average of two entertainment programs monthly. Meetings of Alcoholics Anonymous are held weekly now instead of twice a month as in the past.

The success of the volunteer program could not have been attained without the understanding and cooperation of the nurses, doctors, and aides.

SOCIAL SERVICE DEPARTMENT

This division has continued to place emphasis on gathering social data to aid the staff in diagnosis, treatment, and dispositional planning by obtaining social histories and contacting social agencies and community services whenever possible. The social service workers attend all admission interviews, make rounds with the staff, attend conferences, and prepare abstracts, summaries, applications, routine statistics, etc. They also represent the hospital in meetings and conferences. One attended the American Medical Association Congress on Mental Health in Chicago this year.

One increase and one change in personnel have occurred. On March 23, Mrs. S. Ruth Vaughn, a former member of the department, returned on a part-time basis. On August 27, Mr. James DeGuire left to accept a teaching position, and Mrs. Hope O'Brien, a graduate of the Ohio State University with experience in social work, joined the department on September 17, 1962.

PSYCHOLOGY DEPARTMENT

As in the past, services were rendered primarily to ward patients and others were seen only upon the specific request of the patient's physician. Tests were administered to those patients with acute rather than chronic disturbances with no particular diagnostic problem. This year a large number of cases simply required an intellectual evaluation or an estimate of organic deficit rather than a complete personality evaluation. Findings were integrated with the clinical evaluation and case history to yield a better understanding of the personality dy-

namics of the individual case. Problems concerning diagnosis, prognosis, and disposition were given prominent consideration in the test interpretations. The total number of tests given was 210.

The usual routine functions, consisting of participation in daily ward rounds, interviews, and bi-weekly staff conferences, were continued.

RESIDENTS IN PSYCHIATRY

On December 31, 1961, Dr. Paulo V. Marques left to accept a residency at St. Clare's Hospital in New York and he was replaced by Dr. Romeo G. Zarsadias. On May 14, 1962, Dr. Onesimo Guerra commenced service. Dr. Zillur R. Athar was appointed on July 1 to succeed Dr. Georgina M. Macario, who left to return to Brazil.

CONCLUSION

Once again the entire staff has been willing and able to gear itself to a larger number of patients and all that this entails. I wish to thank the members of my staff, the residents, nurses, aides, secretaries, psychologist, volunteers, and social workers, for their cooperation and dedication to our patients.

I am particularly grateful to the members of the visiting staff for their faithful attendance, wise counsel and judgment, and their active participation in our teaching program.

I also wish to thank those who participated in our Community Lecture Series.

Respectfully submitted,

ERNEST A. BURROWS, M.D.

Director

Neuro-Psychiatric Department

Report of Director of Nursing Service and School of Nursing

At the end of the fiscal year, the staff was as follows:

DIRECTOR OF NURSING SERVICE AND
SCHOOL OF NURSING

Elizabeth R. McKenna, R. N.

ASSISTANT DIRECTORS OF NURSING SERVICE

COMMUNICABLE DISEASE DIVISION
Ann M. Hall, R.N.

NEURO-PSYCHIATRIC DIVISION
Susie Marcello, R.N.

ASSISTANT INSTRUCTOR

Sally F. Hopkins, R.N.

SUPERVISORS

Magdalen Buckley, R.N.

Rose McElroy, R.N.

Gloria Riley, R.N.

ASSISTANT SUPERVISOR

Barbara Mignault, R.N.

OUT-PATIENT HEAD NURSE

Grace Cannon, R.N.

Although the number of schools of nursing offering experience in communicable disease nursing remains the same, the trend in nursing education continues to be the elimination of practical experience in caring for the communicable disease patient.

STUDENT NURSE PERSONNEL

St. Joseph's Hospital, Providence, Rhode Island.....	30
The Memorial Hospital, Pawtucket, Rhode Island.....	22
Total.	<u>52</u>
Diplomas Awarded	52
In the School of Nursing October 1, 1962.....	14
Total Number of Students Since 1910.....	12,380

Nursing service continues to be maintained at a high level and with the closing of a communicable disease ward and the opening of a neuro-psychiatric open ward for men, we have been able to adjust service needs by transference of personnel.

The Nursing Department has benefited during the year from the interest, understanding, and guidance it has received in meetings with the Nursing Committee of the Board of Hospital Commissioners. On behalf of myself and my assistants, I wish to express to them and to Dr. Edward J. West, Superintendent, our deep appreciation for their encouragement and constructive help.

Respectfully submitted,

(Mrs.) ELIZABETH R. MCKENNA, R.N.
*Director of Nursing Service and
 School of Nursing*

Report of the Laboratory

During the fiscal year ending September 30, 1962, the laboratory carried out a total of 49,110 tests, of which 156 were done for the Health Department, representing a decrease over the last fiscal year, during which time a total of 54,760 tests were performed. The breakdown of the grand total can be seen in Table I.

Twelve autopsies were done, with a total of 21 deaths, giving an autopsy percentage of 57.1%. Comparison with results of earlier years is indicated in Table II.

Table III indicates the distribution of these autopsies as to organic systems.

During the fiscal year, a case of staphylococcal phagocytosis visible in the peripheral blood smear was discovered, studied, written up, and accepted for publication.

I wish to thank the Superintendent, Dr. Edward J. West, for his interest in the laboratory. I also wish to thank the medical staff, officers of the City Health Department, and the technical staff of the laboratory for their help and cooperation.

Respectfully submitted,

LEROY W. FALKINBURG, M. D.

Pathologist

Table I

	C.V.C.H. +	C.V.C.H. 0	?	+	H.D. 0	?	C.V.C.H.	H.D.	Total
Bacteriology:									
Cultures for hemolytic strep.	292	3,935	.....	2	18	.....	4,227	20	4,247
Cultures for diptheria	.....	4,227	.....	.....	20	.....	4,227	20	4,247
Cultures for staphylococcus	233	3,994	.....	.....	20	.....	4,227	20	4,247
Blood Cultures	.....	.....	.....	.....	.....	.....	136	.....	136
Stool and Urine Cultures	654	298	.....	27	20	.....	952	47	999
Stools for Ova and Parasites	121	3	.....	.....	.....	.....	124	.....	124
Ear Cultures	.....	.....	.....	.....	.....	.....	27	.....	27
Eye Cultures	.....	.....	.....	.....	.....	.....	21	.....	21
Sputum Cultures	.....	.....	.....	.....	.....	.....	6	.....	6
G. C. Cultures	.....	.....	.....	.....	.....	.....	1	.....	1
Smears for gonococci (G. U.)	.....	.....	.....	.....	.....	.....	15	.....	15
Smears for sputa for tubercle bacilli	.....	.....	.....	.....	.....	.....	23	.....	23
Smears for Treponema pallidum	.....	.....	.....	.....	.....	.....	1	.....	1
Spinal Fluid Sediments and Cultures	.....	.....	.....	.....	.....	.....	428	.....	428
Vaccines	.....	.....	.....	.....	.....	.....	1	.....	1
Animal inoculations for "T. B."	.....	.....	.....	.....	.....	.....	10	.....	10
Sensitivity Tests	.....	.....	.....	.....	.....	.....	539	.....	539
N-P cultures	.....	.....	.....	.....	.....	.....	2	.....	2
Miscellaneous Cultures	.....	.....	.....	.....	.....	.....	183	.....	183
Miscellaneous Examinations	.....	.....	.....	.....	.....	.....	166	.....	166
Total Bacteriology	1,301	12,462	.....	29	78	.....	15,341	107	15,448
Serology:									
Veneral Disease Research Laboratory	25	1,447	.....	2	43	.....	1,472	45	1,517
Agglutination tests for typhoid	.....	.....	.....	.....	.....	.....	174	.....	174
Agglutination tests for undulant fever	.....	.....	.....	.....	.....	.....	96	.....	96
Agglutination tests for Proteus Ox-19	.....	.....	.....	.....	.....	.....	96	.....	96
Sheep cell agglutination	.....	.....	.....	.....	.....	.....	182	.....	182
Total Serology	25	1,447	.....	2	43	.....	2,020	45	2,065
Hematology:									
Spinal fluid cell counts	.....	.....	.....	.....	.....	.....	237	.....	237
Cell counts and differential counts	.....	.....	.....	.....	.....	.....	8,187	2	8,189
Blood Grouping	.....	.....	.....	.....	.....	.....	32	.....	32
Sedimentation Rate	.....	.....	.....	.....	.....	.....	122	.....	122
Hematocrit	.....	.....	.....	.....	.....	.....	3,208	1	3,209
Special Hematology	.....	.....	.....	.....	.....	.....	364	.....	364
Hemoglobin	.....	.....	.....	.....	.....	.....	3,844	1	3,845
Prothrombin Time	.....	.....	.....	.....	.....	.....	112	.....	112
Total Hematology	.....	.....	.....	.....	.....	.....	16,126	4	16,130

Table II
NECROPSIES, 1910 TO SEPTEMBER, 1962

Year	Number of Deaths	Number of Necropsies	Percentage
1910.....	86	16	18.6
1911.....	121	14	11.5
1912.....	152	20	13.1
1913.....	154	44	28.5
1914.....	157	40	25.4
1915.....	176	51	28.9
1916.....	249	60	24.0
1917.....	243	17	26.9
1918.....	297	9	3.0
1919.....	208	6	2.8
1920.....	171	13	7.6
1921.....	136	25	18.3
1922.....	125	13	10.4
1923.....	200	71	35.5
1924.....	122	29	23.7
1925.....	130	57	43.8
1926.....	141	72	51.0
1927.....	125	87	69.6
1928.....	163	92	56.4
1929.....	168	114	57.8
1930.....	159	81	50.9
1931.....	193	90	46.6
1932.....	179	91	50.8
1933.....	148	55	37.1
1934.....	118	61	51.6
1935.....	132	48	36.3
1936.....	163	61	37.4
1937.....	172	67	38.9
1938.....	124	56	45.2
1939.....	131	66	50.3
1940.....	134	84	62.6
1941.....	139	85	61.1
1942.....	126	65	51.6
1943.....	174	91	52.3
1944.....	140	66	47.1
1945.....	132	51	38.6
1946.....	106	53	50.0
1947.....	100	61	61.0
1948.....	89	41	46.1
1949.....	65	33	50.8
1950.....	64	39	60.9
1951.....	73	40	54.0
1952.....	48	23	47.9
1953.....	59	27	45.7
1954.....	18	11	61.1
1955.....	39	18	46.1
1956.....	31	15	48.3
1957.....	33	19	57.5
1958.....	26	16	61.5
1959.....	26	15	57.6
1960.....	35	22	62.8
1961.....	17	6	35.2
1962.....	21	12	57.1
Total.....	6,538	2,421	37.0

Table III

PRINCIPAL CAUSES OF DEATH AS DETERMINED AT
POST MORTEM EXAMINATION

Causes of Death

Autopsy Number		Age
	<i>Nervous System</i>	
A-8-61	Paralytic Post Poliomyelitis	13 years
A-10-62	Acute Suppurative Leptomenigitis.	9 months
A-11-62	Waterhouse-Frederichsen Syndrome with Acute Suppurative Leptomeningitis.	18 months
A-17-62	Massive Cerebellar Hemorrhage.	4 years
	<i>Cardiovascular Renal</i>	
A-13-62	Arteriolar nephrosclerosis.	88 years
A-14-62	Arteriolar nephrosclerosis.	83 years
	<i>Gastrointestinal Tract</i>	
A-7-61	Acute Enterocolitis.	18 months
	<i>Respiratory System</i>	
A-16-62	Acute Bilateral Interstitial Pneumonitis.	2½ years
	<i>Miscellaneous</i>	
A-9-61	Portal Cirrhosis of Liver.	60 years
A-12-62	Multiple Congenital Defects.	13 months
A-15-62	Congenital Cardiac Diseases.	3 months
A-6-61	Fatty Degeneration of Liver.	58 Years

Report of the X-ray Department

There has been a small increase in the number of X-ray examinations taken during the past year, which is basically an increase in the number of Pulmonary Clinic chest examinations. The other examinations remain about the same as in previous years. This is also seen in the increased number of patients examined.

PARTS OF THE BODY X-RAYED			NUMBER OF CASES		
	1961	1962		1961	1962
Lungs, Pulmonary Dept.....	2,482	2,632	Ward Patients:		
Lungs	906	945	Neuro-Psychiatric	377	293
Bones:			Others	831	852
Spines	119	103	Out-Patients	78	45
Skull	188	172	Pulmonary Clinic	2,482	2,632
Extremities	271	202	Student Nurses	71	55
Cardiac	76	89	Employees	185	215
Gall Bladder	13	6	State Rheumatic Fever Pro-		
Abdomen	26	38	gram	50	73
Intravenous Pyelogram	29	36	Total	3,242	4,092
G. I. Series.....	26	30			
Barium Enema	12	12	Electrocardiograms	204	171
Sinuses	27	53	Portable Examinations	40	28
Mastoids	21	21	Laminagrams	4	4
Encephalograms	2	1			
Dental	5	5			
Fluoroscopy	55	54			
Miscellaneous	42	38			
Total (including portables).....	4,340	4,587			

The department has the same personnel as before, with Mrs. Rose (Smile) Larisa and Mrs. Elizabeth D. Guckin as technicians. Miss Elizabeth Hall is a technician trainee in the department.

Respectfully submitted,

MANUEL HORWITZ, M. D.

Roentgenologist

Report of Dietary Department

A total of 211,084 meals were served during the past year. The cost of raw food was .51¢ per meal compared to .46¢ per meal last year.

The following table shows the distribution of meals.

Month	MEAL COUNT					Total
	Dining Rooms		Pedi- atrics	Patients		
	Doctors	Employees		Psycho	Commun- icable	
October 1961	601	7,931	752	6,214	3,044	18,542
November	621	7,811	724	6,511	3,004	18,671
December	606	7,821	603	6,189	3,000	18,219
January 1962	581	7,149	738	6,205	2,997	17,670
February	524	7,003	621	6,509	2,791	17,448
March	530	7,052	681	6,662	2,919	17,844
April	501	7,000	602	6,891	2,431	17,425
May	498	7,121	611	6,991	2,198	17,419
June	468	7,199	549	6,829	2,001	17,046
July	476	6,984	512	6,901	2,010	16,883
August	481	6,999	481	6,918	2,062	16,941
September	462	7,021	462	6,931	2,100	16,976
Total	6,349	87,091	7,336	79,751	30,557	211,084

There were no major improvements made during the past year. There was the general replacement of serving dishes and pans for the diet kitchen and a carry-all truck for the main kitchen.

To Dr. Edward J. West, the hospital staff, and my assistant, I would like to extend my thanks for their cooperation.

Respectfully submitted,

DOROTHY KELLY
Dietitian

Report of the Maintenance Department

Installation of the new steam generator, and related work, was completed this year and it is operating efficiently.

West I was renovated and newly furnished as a new neuropsychiatric unit for men. Modern ceramic tile bathroom facilities were installed and the large ward was partitioned off for dining, lounging, and recreation areas.

Painting of the various hospital units has continued and all tunnels were painted. New lighting was installed in the tunnels. East II and Lippitt II were entirely done over in bright and cheerful colors.

Our fire prevention program was reviewed with the chief of the Providence Bureau of Fire Prevention and the hospital fire committee. Following this, new descriptive literature and a map layout of the hospital plant were issued to all employees and the City's local fire companies.

A new fire station was built by the City at Admiral and Dante Streets a few years ago and it was determined that under ordinary circumstances, apparatus from it would be the first to reach the hospital. Although located only 900 feet from the fence surrounding the hospital, the engines and ladder could reach the hospital only by a roundabout way involving considerable traffic. A gate was made in the fence at Dante Street and 30 feet of roadway laid from it to the nearest hospital building. This fire lane and gate are kept clear and will save minutes over the previous route.

All standpipe fire hoses were renewed and additional fire extinguishers were placed in strategic locations.

The parking area near Hindle Building was completed and the hospital roads can now be kept clear for emergency vehicles.

With the help and advice of Mr. Ralph J. Hartman, Superintendent of Parks, considerable work was done on the grounds. Most of the old shrubbery was replaced with new plantings and some lawns rebuilt. This work will continue, as the season permits. I wish to thank Mr. Hartman for his valuable advice and the donations of shrubs.

NEW EQUIPMENT

- 12 Clothing lockers
- 24 Captain's chairs
- 1 Arm sofa
- 6 Steel secretary chairs
- 3 Roll-about fans
- 1 Tractor with mower and snowplow attachments
- 1 Station wagon
- 1 Electroencephalograph

I wish to express my appreciation to Dr. Edward J. West, Superintendent, for his sincere interest, and to the maintenance staff for its cooperation throughout the year.

Respectfully submitted,

JAMES E. KELLEY
*Superintendent of Plant
Maintenance and Operation*

Acknowledgments

BOOKS, MAGAZINES, SCRAPBOOKS, TOYS, CARDS,
HOLIDAY FAVORS, CANDY, FLOWERS, CIGARETTES, ETC.

Girl Scout Troops, Nos. 91, 93, 299
Masters Alan and David Sack
Mr. Ralph J. Hartman
Mrs. Ervin G. Bissell
Smithfield Ave. Congregational Church Kindergarten
Masters Neal and Lon Cerel
Mr. William H. Payton
Wickford Auction Theatre
Henry Barnard School
Pack 1, Pawtucket Cub Scouts
Mt. Pleasant Lions Club
Hassenfeld Bros. Inc.
Rev. William J. Downey, Jr.
Cumberland Engineering Co., Inc.
Gibson's Card Shop
Mrs. Virginia Baron
Mrs. Rita Cosentino
Mr. R. T. Amiss
Mrs. Marion Amedick
Dr. Maurice Adelman
Allendale Baptist Church
Perky Blue Birds
O-Ton-Wee Camp Fire Girls
Miss Philomena Rossi
Mr. Joseph A. Grande
Master Kenneth Adessi
Mrs. Paul Gagnon
Brownie Troops, Nos. 216, 218, 494
Dr. Patrick O'Mahony
Blue Birds of Cranston
Asbury Methodist Church
Mrs. Marion Notarpippo
Mrs. Jean Gaines
St. Pius Church Girl Scouts
American Jr. Red Cross, sponsors:
Newman Ave. School, Seekonk
Jenkins St. School
Pleasant St. School, Seekonk
Monroe's Corners School, Seekonk
North St. School, Seekonk

OTHERS

Les Gaix Chanteurs, male choristers
Mrs. Sybil Capwell, xylophone concert
Mr. Charles W. Morgan, aluminum Christmas tree
Kaman Employes Charity Fund, donation of money
United Pearl Co., beads for projects
Mr. Leo Clark, piano
Mrs. Marion Notarippo, apron material
Brown Youth Guidance Organization, games and projects
Asbury Methodist Church Youth Fellowship, Christmas gifts
Mrs. Alvin Serrita, vocal concert
Rev. and Mrs. A. Auly, cookies
Ed Drew Orchestra, Christmas music
Miss Armeline's Singing Trio, concert
The Anthony Sisters, vocal concert
Mr. Victor Andreozzi, accordianist, entertainment
Music Clubs of R. I., musical program
Joe Pescatore Trio, concert
Musician's Union, Local No. 198, concert
Carl DeSteiano Trio, musical program
Providence Civic Orchestra, concert