

Fifty-second Annual Report

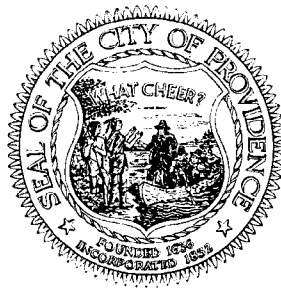
OF THE

Charles V. Chapin Hospital

Providence, R. I.

FOR THE YEAR ENDING

September 30, 1961



PROVIDENCE
THE OXFORD PRESS
1962

THIS IS THE SIGNED COPY.

(DR. LAWSON'S SIGNATURE DOES
NOT APPEAR BECAUSE HE IS OUT
OF THE COUNTRY.)

Fifty-second Annual Report

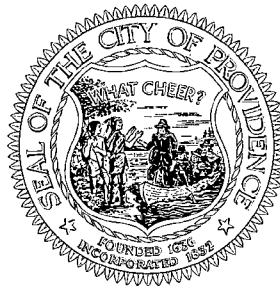
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Providence, R. I.

FOR THE YEAR ENDING

September 30, 1961



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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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HILARY J. CONNOR, M. D.
Superintendent, September 1945 - September 1960

Chairman Ex-Officio

HERMAN A. LAWSON, M. D.....Term expires 1962
JAMES H. FAGAN, M. D.Term expires 1963
ROBERT E. CARROLL, M. D.....Term expires 1964
JOSEPH SMITH, M. D., *Supt. of Health, Ex-Officio*

JOSEPH SMITH, M. D.

James H. Fagan, M. D. Herman A. Lawson, M. D.
Joseph Smith, M. D.

James H. Fagan, M. D. Robert E. Carroll, M. D.
Joseph Smith, M. D.

James H. Fagan, M. D. Herman A. Lawson, M. D.
Joseph Smith, M. D.

ADMINISTRATIVE STAFF

October 1, 1960—September 30, 1961

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

*Mona DiSimone, R. N.

**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

†Rosemary B. Levreault

Maureen C. Gill

‡James De Guire

Ruth F. Levy

***Robin G. Abedon

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 April 22, 1961.

**Appointed April 24, 1961.

†Resigned September 3, 1961.

‡Appointed September 25, 1961.

***Appointed February 13, 1961.

**HOUSE-OFFICERS WHO SERVED DURING YEAR
ENDING SEPTEMBER 30, 1961**

Residents in Pediatrics

Rodolfo A. Arellana, M. D. Ramon L. Marquez, M. D.
Cesareo Perez Borrajo, M. D. Roberto Mejia, M. D.
Pelagio V. Iriarte, M. D. Iluminada Santiago, M. D.
Mustafa Tavaslioglu, M. D.

Affiliates for Communicable Disease Training

Vincent A. D'Alessandro, M. D. From Rhode Island Hosp.
Leticia S. Edrada, M. D. From St. Clare's Hospital
 New York
Prathin Wiriyawit, M. D. From Wyckoff Heights
 Hospital, New York

Residents in Psychiatry

Carlos A. Coquet, M. D. Paulo V. Marques, M. D.
Georgina M. D. Macario, M. D. Geronimo S. Torres, M. D.
Cevdet Yesiltepe, M. D.

1962

CONSULTING STAFF

PHYSICIANS

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

SURGEONS

John J. Gilbert, M. D.	Anthony V. Migliaccio, M. D.
William A. Mahoney, M. D.	Nathan A. Bolotow, M. D.
Michael J. O'Connor, M. D.	George F. Conde, M. D.
Alfred L. Potter, M. D.	Mark Rittner, M. D.
Francis B. Sargent, M. D.	James H. Fagan, M. D.
Ralph Stolworthy, D. M. D.	Joseph B. Webber, M. D.
Benjamin S. Sharp, 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.
Charles F. Cannon, D. M. D.	

CONSULTING BACTERIOLOGIST

Charles A. Stuart, Ph. D.

VISITING STAFF
January 1, 1962
DEPARTMENT OF PEDIATRICS
In-Patient Department

PHYSICIAN-IN-CHIEF
Maurice Adelman, M. D.

VISITING PHYSICIANS

Reuben C. Bates, M. D.	Isadore Gershman, M. D.
Reginald A. Allen, M. D.	D. William J. Bell, M. D.

ASSISTANT VISITING PHYSICIANS

William P. Shields, M. D.	Hilary H. Connor, M. D.
Eric Denhoff, M. D.	Frank Giunta, M. D.
Herman B. Marks, M. D.	Rudolf A. Jaworski, M. D.
Clara Loitman-Smith, M. D.	Briand N. Beaudin, M. D.
Maurice N. Kay, M. D.	John T. Barrett, M. D.
John P. Grady, M. D.	Leonard B. Bellin, M. D.

*Gerald Solomons, M. D.

Out-Patient Department

PHYSICIAN-IN-CHARGE
Maurice Adelman, M. D.

VISITING PHYSICIANS

Bruno G. DeFusco, M. D.	Joseph T. Barrett, M. D.
Earle F. Cohen, M. D.	Robert M. Lord, Jr., M. D.
George H. Taft, M. D.	Sophie N. Wlassich, M. D.
Gilbert Houston, M. D.	*William L. Mauran, M. D.
Peter L. Mathieu, Jr., M. D.	*Frederick A. Peirce, Jr., M. D.
Mario Vigliani, M. D.	Ernest P. Mennillo, M. D.
Betty B. Mathieu, M. D.	Wilson F. Utter, M. D.
Harold B. Lang, M. D.	Thomas H. George, M. D.
Ruth A. Bell, M. D.	Normand E. Gauvin, M. D.
John E. Farley, Jr., M. D.	Jay M. Orson, M. D.
Alexander A. Jaworski, M. D.	Valentino R. Simone, M. D.
John F. Hogan, M. D.	Alfred Toselli, M. D.

Howard S. Lampal, M. D.

ALLERGIST

Stanley S. Freedman, 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.	Max Faintych, M. D.
Bruno Franek, M. D.	John F. Lowney, Jr., M. D.
Oscar E. Stapan, M. D.	Antonio Capone, M. D.
Louis V. Sorrentino, M. D.	Alfred L. Quartaroli, M. D.

CONSULTANTS ON CALL**January 1, 1962****Medicine**

Chief, Louis I. Kramer, M. D.

VISITING PHYSICIANS

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

ASSISTANT VISITING PHYSICIANS

Edwin B. O'Reilly, M. D.	Jaroslav Koropecy, 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.

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

Bencil 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 W. Spooner, D. D. S.

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.
Harry E. Darrah, 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 Build-

ing. 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, and the two psychiatric wards now have 31 beds each, making a total of 99 beds. This number of beds is stable but in the communicable and pediatric department, it should be understood that the number of 150 beds plus 4 bassinets is provisional because at times, such as in an epidemic, many additional beds can be set up in case of need, which would 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, 1961.

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, the hospital continues to be operated very efficiently by the Superintendent and his staff. The net operating deficit of \$178,494.85 includes capital expenditures of \$48,400 for a new boiler, \$11,837 for remodeling a new formula room, and \$18,295 for refurnishing this room. The sum of \$7,185 for detention screens is also included.

While it is true that the per capita operating expenditures for all in-patients increased from \$28.87 to \$31.33, the per capita collection for hospital services also increased from \$12.99 to \$13.72, showing that the staff is ever mindful of the need to maintain income as well as to give service.

The increase in per capita expenditures can be readily explained by looking at Exhibit 4, which shows that while the net operating cost decreased from \$1,242,287.62 in 1960 to \$1,236,593.84, the total hospital days decreased from 43,032 to 39,467. This is accounted for by the fact that the average patient stay in the hospital was 1½ days less (a decrease from 17.9 to 16.4). The figures show that approximately 45% of the costs are being paid by the patients themselves.

The following appointments were added to the staff for the year starting January 1, 1962:

Antonio Capone, M. D.	John F. Lowney, Jr., M. D.
Howard S. Lampal, M. D.	Alfred L. Quartaroli, M. D.
	Alfred Toselli, M. D.

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

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

We especially wish to express our sincere appreciation to Mrs. Rhoda Morrison who has so ably developed a staff of volunteers which has brightened the stay, especially of adult patients, in the hospital and 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.

HERMAN A. LAWSON, M. D.

IN CITY COUNCIL

APR 19 1962

READ:

**WHEREUPON IT IS ORDERED THAT
THE SAME BE RECEIVED.**

D. Everett Whelan
CLERK

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, 1961. The following tables in condensed form, furnish information concerning the activities of the hospital. A small number of discrepancies may be noted which are due to departmental transfers.

STATISTICS FOR ALL PATIENTS

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	96	45	51	116	54	62
Total number of patients admitted during the year	2,391	1,217	1,174	2,385	1,247	1,138
Live births	0	0	0	2	1	1
Number of patients in hospital at beginning of fiscal year	116	54	62	127	55	72
Total number of patients under treatment	2,507	1,271	1,236	2,514	1,303	1,211
Total number of patients discharged..	2,411	1,226	1,185	2,398	1,249	1,149
Average daily population	108.1			117.6		
Average residence	16.4			17.9		
Largest number in any one day.....	138			148		
Smallest number in any one day.....	78			90		
Total days' treatment	39,467			43,032		
Total number of deaths	17			35		
Number of deaths within 48 hours....	4			15		
Fatality for all cases	0.7			1.5		
Total visits to Out-Patient Department	7,171			5,382		

PEDIATRIC, NON-COMMUNICABLE

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	10	7	3	13	10	3
Number of patients admitted during the year	567	341	226	634	362	272
Number of patients in hospital at beginning of fiscal year	13	10	3	32	17	15
Total number of patients under treatment	580	351	229	666	379	287
Number of patients discharged	570	344	226	654	369	285
Average daily population.....	14.8			23.2		
Average residence	9.5			13.0		
Number of deaths	0			6		
Number of deaths within 48 hours....	0			3		
Fatality rate	0			0.9		
Days' treatment	5,402			8,488		

PEDIATRIC COMMUNICABLE*

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	13	5	8	36	18	18
Number of patients admitted during the year.....	502	277	225	451	254	197
Number of patients in hospital at beginning of fiscal year.....	36	18	18	22	12	10
Total number of patients under treatment.....	538	295	243	473	266	207
Number of patients discharged.....	525	290	235	436	248	188
Average daily population.....	25.9			29.0		
Average residence.....	18.0			24.4		
Number of deaths.....	4			10		
Number of deaths within 48 hours....	2			4		
Fatality rate.....	0.8			2.3		
Days' treatment.....	9,447			10,649		

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

COMMUNICABLE, ALL AGES*

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	23	13	10	42	22	20
Number of patients admitted during the year.....	574	316	258	508	272	236
Number of patients in hospital at beginning of fiscal year.....	42	22	20	26	14	12
Total number of patients under treatment.....	616	338	278	534	286	248
Number of patients discharged.....	593	325	268	491	264	227
Average daily population.....	32.6			32.5		
Average residence.....	20.0			24.3		
Number of deaths.....	5			14		
Number of deaths within 48 hours....	3			8		
Fatality rate.....	0.8			2.9		
Days' treatment.....	11,906			11,913		

*This table includes the schedule "Pediatric Communicable."

PEDIATRIC

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year.....	23	12	11	49	28	21
Number of patients admitted during the year.....	1,069	618	451	1,085	616	469
Number of patients in hospital at beginning of fiscal year.....	49	28	21	54	29	25
Total number of patients under treatment.....	1,118	646	472	1,139	645	494
Number of patients discharged.....	1,095	634	461	1,090	617	473
Average daily population.....	40.7			52.3		
Average residence.....	13.6			17.6		
Number of deaths.....	4			16		
Number of deaths within 48 hours....	2			7		
Fatality rate.....	0.4			1.5		
Days' treatment.....	14,849			19,137		

MEDICAL

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	3	1	2	2	1	1
Number of patients admitted during the year	59	21	38	96	45	51
Number of patients in hospital at beginning of fiscal year	2	1	1	6	3	3
Total number of patients under treatment	61	22	39	102	48	54
Number of patients discharged	58	21	37	100	47	53
Average daily population	2.1			2.3		
Average residence	13.5			8.6		
Number of deaths	1			3		
Number of deaths within 48 hours....	0			1		
Fatality rate	1.7			3.0		
Days' treatment	782			856		

NEURO-PSYCHIATRY

	1961			1960		
	Total	Male	Female	Total	Male	Female
Number of patients in hospital at end of fiscal year	60	24	36	59	21	38
Number of patients admitted during the year	1,193	540	653	1,149	569	580
Number of patients in hospital at beginning of fiscal year	59	21	38	63	21	42
Total number of patients under treatment	1,252	561	691	1,212	590	622
Number of patients discharged	1,192	536	656	1,153	569	584
Average daily population	58.6			59.5		
Average residence	18.0			18.9		
Number of deaths	11			12		
Number of deaths within 48 hours....	1			3		
Fatality rate	0.9			1.0		
Days' treatment	21,377			21,775		

During the period from October 1, 1960 through September 30, 1961, the average daily population was 108.1 compared to 117.6 in 1960. The largest number of patients in the hospital in any one day was 138 compared to 148 in 1960. The total discharges for the year were 2,411 compared with 2,398 the previous year, while the number of days of treatment dropped from 43,032 to 39,467 during the same period.

This drop of some 3,500 of days' treatment and the daily census can be explained by the difference in the type of cases during these two years. Since the neuro-psychiatric admissions rose less than 4%, and the daily population dropped slightly, the reason lies in the communicable diseases admitted.

In the previous year, 97 cases of poliomyelitis were admitted and the majority of these cases stayed in the hospital three

weeks or longer. During this year, there was only one case of poliomyelitis in Rhode Island, which died in another hospital. There was, however, an epidemic of aseptic meningitis in the State, and the majority of those cases were discharged within ten days. There were also admitted, 125 cases of measles and its complications, and these were usually discharged within one week. These two outbreaks would have affected the average stay except for the fact that a few poliomyelitis cases remained over into this fiscal year, two of them eighteen months, and also there was an increase of 27 cases of infectious hepatitis over the previous year, and the average stay for these cases was over four weeks. There was also a distinct drop in all admissions in pediatrics and communicable diseases during August and September, but until that time the admissions were running considerably more than in the previous year.

The epidemic of aseptic meningitis mentioned previously started early in June, when unusual cases showing the same clinical picture, somewhat suggestive of poliomyelitis or meningitis, began coming to the hospital. It became evident that most of them originated in the same locality, the northern part of the State, and many of them were contacts. When Dr. Joseph E. Cannon, Rhode Island Director of Health, was informed of this, he offered full cooperation and enlisted the aid of the United States Public Health Service which sent three men to carry out a thorough investigation. They were Drs. David Miller, James Bryan, and Earl Byrne.

They studied in detail, sixty-four hospitalized cases and talked with the families and with other contacts. Specimens were collected from all patients and consisted of spinal fluid, stools, and paired serum, and these were sent to the U. S. Public Health Service Laboratory for study. Of 291 specimens examined, the viral agent was recovered from 108. Of these 108, 36 have been identified as Coxsackie B 5.

The total operating expense for the year was \$1,399,159.71 compared to \$1,306,754.68 for the fiscal year ending September 30, 1960. The cost of installing a new boiler to replace a condemned one, the new formula room, and replacement of some of

the detention screens in the psychiatric wards accounts for over \$87,000 of this increase.

The per capita cost for all in-patients was \$31.33 compared to \$28.87 in 1960. The reasons for this are explained in part by the drop in the total days' treatment mentioned previously. Also, ward West I started the fiscal year with some thirty cases of poliomyelitis from the previous epidemic. As they were treated with physical therapy, fitted with braces, and became ready for convalescent out-patient care, the number constantly dwindled to less than ten, including two respirator cases. As these patients continued to improve, other convalescent cases were treated on this ward, but with the total census dropping in the pediatric division, these cases could be cared for in other wards. It was then decided to convert West I into a convalescent ward for male patients to compare with Hindle Building for females. This project had already been planned but postponed because of the poliomyelitis epidemic of 1960. The work necessary for this transfer will soon be started and the ward should be ready for occupancy within a few months. The prospective increase in census of this ward with the transfer of patients from Lippitt I is expected to lower the per capita cost.

The reader is referred to the report of the Business Manager and to the financial statistics for detailed information.

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.

There has been a yearly increase in the number of patients in this department for the past five years. While the increase last year was only thirty-nine patients, the average length of hospital residence dropped slightly. One explanation for this is the fact that at times the male ward was filled to more than the listed capacity, and patients had to be discharged or transferred to make room for emergency and police admissions which cannot be postponed. This, and the fact that at present there

are no facilities for convalescent male care except in a ward with some very active patients, are added reasons for the new use of ward West I.

It is also to be noted that the number of patients admitted to the Hindle Building, for convalescent female psychiatric care, has almost doubled in the past three years.

PROVIDENCE JOURNAL-BULLETIN POLIO FUND

At the beginning of the fiscal year, the hospital was very fortunate to be offered by the Providence Journal, a gift of equipment valued in excess of \$10,000. The money was a surplus contributed by the public to the Providence Journal-Bulletin Polio Fund and it was stipulated by the Providence Journal that the equipment should be that needed by poliomyelitis patients. It included an extra long respirator, two infant respirators, neither of which was available in the State at the time, and already some of it has been loaned to other hospitals. All of the equipment, a list of which follows, can be used for conditions other than poliomyelitis:

- Respirator, with accessories, for tall patients
- Rocking bed
- Resuscitators
- Infant respirators
- Chest respirators
- Hot pack machines
- Wheelchairs

NURSING DEPARTMENT

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

LABORATORY

The total of 54,464 tests performed is an increase of more than 3,000 over the number done in 1960.

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

X-RAY DEPARTMENT

The new X-ray equipment ordered in 1959 has now been completely and satisfactorily installed, including an image amplifier. The hospital can now offer the best in any roentgenological service which may be needed for our patients.

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

PHARMACY

	1960		1961	
	<i>Prescriptions</i>	<i>Revenue</i>	<i>Prescriptions</i>	<i>Revenue</i>
Clinics				
Out-patient	3,066	\$ 535.15	2,287	\$ 476.20
Employee	1,061	.....	633	.....
Nurse	384	.....	275	.....
City Poor Physicians.....	385	802.10	428	881.65
City Health Department.....	.....	152.05	.....	180.70
	<u>4,896</u>	<u>\$1,489.30</u>	<u>3,623</u>	<u>\$1,538.55</u>

DIETARY DEPARTMENT

The number of meals served this past year was increased considerably over those of the year before. The Dietitian's report gives further information.

GARAGE

	1960		1961	
	<i>Trips</i>	<i>Mileage</i>	<i>Trips</i>	<i>Mileage</i>
Ambulance #1	468	2,528	432	2,561
#2	432	2,365	456	2,939
Station wagon	1,268	4,570	1,427	6,868
Sedan	1,004	4,378	1,134	5,342
Truck .....	.....	4,084	.....	4,467

OUT-PATIENT DEPARTMENT

New patients in the pediatric clinics this past year were approximately double the number seen the year before. There was also a marked increase in the number of patients examined in the pulmonary clinic.

The number of food handlers examined (3,097) was little changed from that of the previous year.

Further information is given in the report of the Out-Patient Department.

PLANT MAINTENANCE

During the year, every ward in the hospital was repainted, either in full or in part, and a modern suite for sterilization of infant formulas was completed on Richardson II.

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

RESEARCH FELLOWSHIP

From June 1, 1961 until September 15, Mr. John Flynn II, a Providence College graduate, was awarded the Fellowship. He gathered statistical data on infectious hepatitis and acute catarrhal jaundice which will be of valuable assistance in future studies.

The Fellowship was awarded by the Board of Hospital Commissioners to Dale E. Hunt, M. S., effective in June, 1962. He is associate professor and acting chairman of the science department of the Rockland College and will make a study on the use of mutagenic agents to induce antibiotic production in a non-antibiotic producing organism.

MEDICAL PERSONNEL

No change occurred in the permanent house staff during the year. Dr. Vasant A. C. Gideon was appointed to the position of senior resident physician effective October 1, 1960. Earlier in the year he had affiliated here during his pediatric residency at the Rhode Island Hospital.

Elsewhere in this report is a list of the residents in pediatrics and psychiatry, also the affiliate residents 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, 1961 amounted to \$1,220,664.86 (Exhibit 1) which included the State of Rhode Island grant of \$600,000.00. This was an increase in revenue of \$113,175.56 over the previous year.

Operating Cost

The total cost of operation was \$1,399,159.71 (Exhibit 2). This amount was distributed to the cost centers of the hospital.

Operating Deficit

The deficit for the fiscal year amounted to \$178,494.85 (Exhibit 3).

The cost of salaries and supplies needed to run a modern hospital plus the cost of installing a new boiler, furnishing and remodeling of the formula room, replacement of 1950 truck and 1956 passenger car are reflected in the operating cost.

Free Service

Free care for the year amounted to \$307,854.74. 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 \$6,375.40.

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 Department Pulmonary Clinic	\$17,009.27
2. City Health Department Inspection of Milk.....	4,051.75
3. City Health Department Laboratory Examinations	408.91
4. State Health Department Cardiac and Mental Re- tardation Clinics	2,459.52

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

Financial Report

FOR THE YEAR ENDED SEPTEMBER 30, 1961

EXHIBIT 1

REVENUE RECEIPTS

In-Patient Department:			
Communicable, Pediatric and Other.....	\$240,889.82		
Neuro-Psychiatric	213,242.75		
X-Ray	7,179.90		
Laboratory	32,185.65		
Drugs	36,905.21		
Ambulance	17.50		
Telephone	6.80		
Shock Treatments	9,782.00		
Sundries:			
Electrocardiograms	\$ 941.00		
Electroencephalograms	172.00	1,113.00	
Total In-Patient			\$541,322.63
Out-Patient Department:			
Fees	\$ 442.00		
Examinations—Food Handlers	1,700.00		
Total Out-Patient			2,142.00
X-Ray Service		1,853.50	
Wassermann Tests		11.50	
Drug Room Service		1,557.95	
Laboratory		6.00	
E.K.G. (Police Dept.)		75.00	
Miscellaneous Earnings:			
Meals	\$ 522.00		
Rents:			
157 Eaton Street	\$1,200.00		
Mental Retardation Dept.	1,330.00	2,530.00	
Refunds		2,029.93	
Donations		52.00	
Abstracts		133.00	
Telephone		391.81	
Materials		353.80	
Reimbursements		375.00	
Damage to Equipment		10.00	
Miscellaneous		69.00	6,466.54
Maintenance:			
Salve Regina College Nursing Students.....	\$ 6,681.57		
University of R. I. Nursing Students.....	5,790.50		
Boston Students	239.25		
Red Cross Nurses (Polio)	25.17	12,736.49	
Gross Revenue Receipts			\$566,171.61
Deduct:			
Refunds on Advanced Payments		962.90	
Net Revenue Receipts			\$565,208.71
Add:			
Revenue from Meals and Lodgings.....		19,063.01	
State of Rhode Island Grant.....		600,000.00	
Louisa G. Lippitt Estate (Balance).....		36,393.14	
Total Revenue Receipts			<u>\$1,220,664.86</u>

DEPARTMENTAL EXPENDITURES

EXHIBIT 2

Opening Inventories	\$ 81,522.87	
Meals and Lodging	19,063.01	
Expenditures (Schedule A)	1,363,452.24	
Total		\$1,464,038.12
Less:		
Closing Inventories		64,878.41
Total Costs		\$1,399,159.71
Neuro-Psychiatric	\$ 533,134.39	
Communicable, Pediatric and Other	789,176.45	
Out-Patient	33,485.58	
City Health Department:		
Pulmonary Clinic	17,009.27	
Inspection of Milk	4,051.75	
Laboratory Examinations	408.91	
State Cardiac Clinic	2,459.52	
Other Non-Patient Costs	19,345.29	
Total (Schedule B)		\$1,399,071.16
Add:		
Undistributed Balance of Costs		88.55
Total Department Expenditures		<u>\$1,399,159.71</u>

STATEMENT OF INCOME AND EXPENSE

EXHIBIT 3

Income:		
Services Rendered:		
In-Patient	\$ 835,940.03	
Other	68,332.82	
Total Services		\$ 904,272.85
Deductions:		
Contract Adjustments	\$ 190.08	
Courtesy Services	689.55	
Employee Free Services	5,375.40	
General Public Health (T. B.)	12,475.00	
Free Care	307,854.74	
X-rays, Miscellaneous	461.00	
Research	302.00	
Compromise Settlements	1,841.60	
Total Deductions		\$ 330,189.37
Net Services Rendered		\$ 574,083.48
Add Other Income:		
Meals	\$ 15,557.51	
Lodgings	3,505.50	
Total Other Income		19,063.01
Gross Income		\$ 593,146.49
Expenses:		
Salaries	\$1,006,993.24	
Supplies Used, New Equipment & Repairs	392,166.47	
Total Expenses (Exhibit II)		1,399,159.71
Operating Deficit (Based on Services Rendered)		\$ 806,013.22
Deduct:		
State of R. I. Grant	\$ 600,000.00	
Louisa G. Lippitt Estate (Balance)	36,393.14	
Net Operating Deficit		\$ 169,620.08
Add:		
Adjustment for Services Rendered		8,874.77
Deficit for the Year		<u>\$ 178,494.85</u>

EXHIBIT 4

MAINTENANCE COSTS FOR ALL IN-PATIENTS

	Operating Cost	Receipts	Net Expense	Hospital Days	Per Gross Capita Cost	Per Net 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....	328,461.09	44,470.78	283,990.31	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	158,902.31	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	....

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

EXHIBIT 5

OUT-PATIENT DEPARTMENT.

	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

EXHIBIT 6

MAINTENANCE COST OF OTHER NON-PATIENTS

1947.....	\$3,927.73	(Schedule B)
1948.....	3,911.49	"
1949.....	3,682.46	"
1950.....	4,109.21	"
1951.....	3,931.85	"
1952.....	4,476.17	"
1953.....	3,768.21	"
1954.....	4,320.98	"
1955.....	6,502.25	"
1956.....	6,135.86	"
1957.....	6,372.76	"
1958.....	9,515.55	"
1959.....	13,347.35	"
1960.....	17,518.88	"
1961.....	19,345.29	"

EXHIBIT 7

MAINTENANCE COST OF INFECTIOUS, PEDIATRIC AND OTHER DISEASES

	Operating Cost	Receipts	Net Expense	Hospital Days	Per Gross Capita Cost	Per Net Capita Cost
1932.....	\$231,231.42	.....	.....	57,600	\$4.01	.....
1933.....	205,937.93	\$23,765.36	\$182,172.57	58,592	3.51	\$3.11
1934.....	201,555.51	23,098.61	178,456.90	55,460	3.63	3.22
1935.....	202,946.00	26,171.92	176,774.08	53,838	3.77	3.28
1936.....	192,756.12	32,984.95	159,771.17	54,751	3.52	2.92
1937.....	187,762.02	40,443.76	149,318.26	59,089	3.21	2.53
1938.....	195,847.85	33,947.07	161,900.78	48,931	4.00	3.31
1939.....	212,690.47	37,977.19	174,713.28	49,852	4.26	3.50
1940.....	202,047.64	30,111.91	171,935.73	47,462	4.27	3.62
1941.....	205,109.66	27,499.83	177,609.83	43,882	4.67	4.05
1942.....	210,495.41	49,805.18	160,690.23	40,046	5.26	4.01
1943.....	239,885.74	75,631.89	164,253.85	40,894	5.87	4.02
1944.....	286,302.32	104,446.63	181,855.69	40,845	7.01	4.45
1945.....	368,412.95	93,172.51	275,240.44	37,828	9.74	7.28
1946.....	348,320.24	94,902.43	253,617.81	35,958	9.69	7.05
1947.....	356,426.62	.....	.....	38,733	9.20	.....
1948.....	424,807.71	.....	.....	33,117	12.83	.....
1949.....	428,456.83	.....	.....	33,135	12.93	.....
1950.....	469,237.48	.....	.....	33,771	13.89	.....
1951.....	477,110.69	.....	.....	28,908	16.50	.....
1952.....	490,831.28	.....	.....	28,035	17.51	.....
1953.....	499,023.49	.....	.....	40,215	12.41	.....
1954.....	631,431.99	.....	.....	34,454	18.33	.....
1955.....	672,973.38	.....	.....	32,332	20.81	.....
1956.....	758,255.75	.....	.....	27,534	27.54	.....
1957.....	712,753.45	.....	.....	20,460	34.84	.....
1958.....	750,022.27	.....	.....	20,971	35.76	.....
1959.....	715,871.02	.....	.....	22,826	31.36	.....
1960.....	784,850.59	.....	.....	21,257	36.92	.....
1961.....	703,459.45	.....	.....	18,090	38.89	.....

EXHIBIT 8

MAINTENANCE COST OF NEURO-PSYCHIATRIC PATIENTS

	Operating Cost	Receipts	Net Expense	Hospital Days	Per Gross Capita Cost	Per Net Capita Cost
1932.....	\$98,161.67	.....	.....	15,537	\$6.32	.....
1933.....	83,064.08	\$5,971.48	\$77,092.16	15,003	5.54	\$5.14
1934.....	92,080.10	11,622.90	80,457.20	15,285	6.42	5.65
1935.....	96,702.73	11,428.28	85,274.45	17,407	5.55	4.89
1936.....	110,529.77	12,256.51	98,355.51	20,763	4.36	3.75
1937.....	111,832.99	12,174.26	99,658.72	19,834	5.64	5.03
1938.....	118,201.75	17,371.32	100,830.43	19,426	6.09	5.19
1939.....	118,593.10	20,324.63	98,268.47	17,476	6.79	5.62
1940.....	119,889.67	23,153.21	96,736.46	19,720	6.08	4.91
1941.....	122,895.70	27,474.83	95,420.87	19,195	6.40	4.97
1942.....	136,779.74	32,277.69	104,502.05	17,151	7.98	5.44
1943.....	137,493.78	32,814.23	104,679.55	16,172	8.50	6.47
1944.....	85,483.94	40,950.47	44,533.47	14,309	5.97	3.11
1945.....	82,613.58	20,185.92	62,427.66	7,757	10.65	8.05
1946.....	149,365.82	41,568.54	107,797.28	11,284	13.24	9.55
1947.....	146,469.58	.....	.....	13,901	10.54	.....
1948.....	164,666.47	.....	.....	12,197	13.50	.....
1949.....	161,590.76	.....	.....	11,928	13.55	.....
1950.....	173,135.07	.....	.....	10,754	16.10	.....
1951.....	175,268.81	.....	.....	10,570	16.58	.....
1952.....	208,932.34	.....	.....	12,496	16.72	.....
1953.....	204,077.88	.....	.....	13,536	15.08	.....
1954.....	237,940.01	.....	.....	14,418	16.50	.....
1955.....	266,624.46	.....	.....	15,325	17.40	.....
1956.....	290,409.68	.....	.....	14,035	20.69	.....
1957.....	314,221.55	.....	.....	15,024	20.91	.....
1958.....	350,959.98	.....	.....	15,679	22.38	.....
1959.....	421,072.37	.....	.....	19,186	21.95	.....
1960.....	457,437.03	.....	.....	21,775	21.01	.....
1961.....	533,134.39	.....	.....	21,377	24.94	.....

EXHIBIT 9

MAINTENANCE COST OF SURGICAL PATIENTS

	Operating Cost	Receipts	Net Expense	Hospital Days	Per Gross Capita Cost	Per Net Capita Cost
1946*.....	\$20,102.46	\$9,322.50	\$10,779.96	1,366	\$14.72	\$7.89
1947.....	41,125.73	.....	.....	3,140	13.10	.....
1948.....	38,323.71	.....	.....	3,558	10.77	.....
1949.....	37,836.49	.....	.....	3,479	10.88	.....
1950.....	41,691.42	.....	.....	3,333	12.51	.....
1951.....	45,227.45	.....	.....	3,262	13.86	.....
1952.....	59,998.74	.....	.....	3,806	15.76	.....
1953.....	89,544.52	.....	.....	2,916	30.71	.....
1954.....	.....	.....	.....	.....	.....	.....
1955.....	48,974.08	.....	.....	592	82.73	.....
1956**.....	.....	.....	.....	.....	.....	.....

*New Department opened April 1, 1946.

**Inactive.

EXHIBIT 10

MAINTENANCE COST OF CITY HEALTH DEPARTMENT ACTIVITIES

	Pulmonary Tuberculosis Clinic	Inspector of Milk	Laboratory Examinations	City Health Activities
1947.....	\$ 7,022.43	\$1,860.42	\$7,736.63	\$16,619.48
1948.....	10,604.10	2,104.12	3,008.65	15,716.87
1949.....	11,842.66	1,956.14	2,831.63	16,630.43
1950.....	12,584.44	1,844.03	1,446.88	15,915.35
1951.....	14,033.38	2,296.88	2,988.54	19,318.80
1952.....	14,467.30	2,213.95	3,269.31	19,650.56
1953.....	16,296.21	2,075.55	1,609.77	19,981.53
1954.....	16,996.70	2,458.39	1,079.51	20,534.60
1955.....	17,519.89	2,539.28	699.90	20,759.07
1956.....	16,520.53	2,676.38	379.77	19,576.68
1957.....	17,850.90	2,823.36	877.93	21,552.19
1958.....	14,789.79	4,455.27	54.63	19,299.69
1959.....	23,173.58	2,598.39	139.78	25,911.75
1960.....	13,941.31	3,052.34	640.69	17,634.34
1961.....	17,009.27	4,051.75	408.91	21,469.93

EXHIBIT 11

MAINTENANCE COST OF STATE HEALTH DEPARTMENT ACTIVITIES

	Cardiac Clinic	Total State Health Activities
1947.....	\$1,254.59	\$1,254.59
1948.....	1,439.44	1,439.44
1949.....	1,288.38	1,288.38
1950.....	1,312.28	1,312.28
1951.....	1,343.43	1,343.43
1952.....	1,372.11	1,372.11
1953.....	1,415.57	1,415.57
1954.....	1,533.88	1,533.88
1955.....	1,646.04	1,646.04
1956.....	1,469.37	1,469.37
1957.....	1,556.12	1,556.12
1958.....	1,873.19	1,873.19
1959.....	2,461.02	2,461.02
1960.....	1,965.92	1,965.92
1961.....	2,459.52	2,459.52

SCHEDULE A

ANALYSIS OF APPROPRIATIONS AND EXPENDITURES

Item	Description	Appropriations	Expenditures	Unencumbered Balances
0	Personal Services	\$ 998,834.00	\$ 987,930.23	\$10,903.77
1	Services Other Than Personal.....	118,680.00	113,961.80	4,718.20
2	Materials and Supplies.....	230,500.00	215,698.31	14,801.69
5	Equipment Replacement	13,950.00	9,468.76	4,481.24
	Louisa G. Lippitt Estate Balance.....	36,393.14	36,393.14	
		<u>\$1,398,357.14</u>	<u>\$1,363,452.24*</u>	<u>\$34,904.90</u>

*Does not include \$19,063.01 covering payroll deductions for Meals and Lodgings.

SCHEDULE B

DEPARTMENTAL COST DISTRIBUTIONS
NEURO-PSYCHIATRIC DEPARTMENT:

Professional Care:

Medical	\$ 37,158.09
Nursing	66,300.72
Other (Soc. Wkrs., Psychom. Ther.).....	26,160.53
Laboratory	12,105.75
Pharmaceuticals	25,811.10
X-Ray	4,182.25
Central Supply (Med. & Surg. Sup.).....	7,952.97
Total	\$179,672.41

Non-Professional Care:

Ambulance	\$ 5,131.37
Dietary	64,346.38
Laundry	14,907.19
Medical Records	4,943.51
Attendant Service	100,294.77
General Administration	61,608.13
Housing:	
Utility Service	4,075.70
Maintenance	20,737.45
Heat, Hot Water & Steam.....	21,443.12
Housekeeping	46,779.11
Materials and Supplies.....	8,654.87
Equipment Replacement	540.38
Total	353,461.98

Gross cost of Patients Housed in Psychopathic Department..... \$ 533,134.39

COMMUNICABLE, PEDIATRIC AND OTHER:

Professional Care:

Medical	\$ 65,828.86	
Nursing	201,949.72	
Other Professional Care	5,675.79	
Laboratory	53,801.05	
Pharmaceuticals	27,532.11	
X-Ray	8,850.64	
Central Supply (Med. & Surg. Sup.)	11,733.51	
Total		\$375,371.68

Non-Professional Care:

Ambulance	\$ 2,007.93	
Dietary	47,763.01	
Laundry	60,361.02	
Medical Records	6,407.88	
Practical nurses, aides, etc.	95,433.86	
General Administration	60,111.09	

Housing:

Utility Service	5,526.63	
Maintenance	29,059.65	
Heat, Hot Water, & Steam	23,639.94	
Housekeeping	47,823.60	
Materials and Supplies	35,115.05	
Equipment Replacement	555.11	

Total 413,804.77

Gross Cost of Patients Housed in Communicable, Pediatric & Other..... 789,176.45

OUT-PATIENT DEPARTMENT:

Professional Care:

Medical	\$ 5,416.20	
Nursing	7,356.42	
Laboratory	6,414.43	
Pharmaceuticals	441.31	
X-Ray	285.23	
Total		\$ 19,913.59

Non-Professional Care:

Laundry	\$ 593.48	
General Administration	6,692.61	

Housing:

Utility Service	1,024.05	
Maintenance	755.44	
Heat, Hot Water, & Steam	1,084.41	
Housekeeping	3,137.83	
Materials and Supplies	284.17	

Total 13,571.99

Gross Cost of All Patients Treated in Out-Patient Clinic..... 33,485.58

PULMONARY TUBERCULOSIS CLINIC:

Professional Care

Other (Tech. Clinic Serv.)	\$ 156.00	
Pharmacy	266.77	
X-Ray	13,823.51	
Total		\$ 14,246.28

PROVIDENCE, R. I.

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Non-Professional Care:		
Housing:		
Utility Service	\$ 394.90	
Maintenance	918.63	
Heat, Hot Water, & Steam	1,445.88	
Materials and Supplies	3.58	
Total		2,762.99
Gross Cost of Hospital for City Pulmonary Tuberculosis Clinic		17,009.27
INSPECTION OF MILK:		
Non-Professional Care:		
Housing:		
Utility Service	\$ 442.04	
Maintenance	1,402.47	
Heat, Hot Water, & Steam	2,207.24	
Gross Hospital Cost for City Inspection of Milk		4,051.75
LABORATORY EXAMINATIONS:		
Laboratory	\$ 408.91	
Gross Hospital Cost for Laboratory Examinations		408.91
COST OF CARDIAC AND MENTAL RETARDATION CLINICS:		
Professional Care:		
X-Ray	\$ 1,051.23	
Total		\$ 1,051.23
Non-Professional Care:		
Housing:		
Utility Service	\$ 226.05	
Maintenance	459.31	
Heat, Hot Water, & Steam	722.93	
Total		1,408.29
Gross Hospital Cost for Cardiac and Mental Retardation Clinic		2,459.52
COST OF OTHER NON-PATIENTS:		
Pharmaceuticals	\$ 19,345.29	
Gross Cost of Other Non-Patients		19,345.29
Total Department Expenditures Distributed		\$1,399,071.16
Add:		
Undistributed Balance of Costs		88.55
Total Departmental Expenditures		<u>\$1,399,159.71</u>

General Statistics

(October 1, 1960-September 30, 1961)

Population, March 1, 1910-September 30, 1961

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	203.1	22.8	.....	.....	155.7	25.2	.....	166	43,789	1,660
1934.....	1,918	67,974	186.2	25.7	.....	.....	161.3	28.3	.....	259	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.....	3,303	48,872	133.5	14.0	.....	.....	64.5	14.9	5.0	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	.....	15.0	.....	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

*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, 1961

DISEASES	Oct. 1, 1960 Sept. 30, 1961			Oct. 1, 1959 Sept. 30, 1960			March 1, 1910 Sept. 30, 1961		
	Cases.	Deaths.	Fatality.	Cases.	Deaths.	Fatality.	Cases.	Deaths.	Fatality.
Chickenpox	14			23			1,130	14	1.2
Diarrhea, due to infection	1			3			67***		
Diarrhea, due to unknown cause	0			4			73***		
Diphtheria	0			1	100.0		5,744	689	12.0
Diphtheria carrier	0			0			729		
Dysentery bacillary	0			0			63***		
Encephalitis, acute, all forms	18	1	5.6	32	1	3.1	412	56	13.6
Epidemic parotitis (mumps)	7			21			739		
Erysipelas	0			2			933	86	9.2
Gonorrhea	1			0			2,238	6	0.3
Gonorrheal conjunctivitis	0			0			180	5	2.8
Hepatitis, infectious (epidemic)	97			70			574***		
H. S. Carrier	0			1			22***		
Impetigo	12			8			610	1	0.2
Influenza	0			1			1,080	81	7.5
Leprosy	0			0			2		
Measles	125			39			4,501	232	5.2
Meningitis, aseptic	52			0			52§		
Meningitis, cerebrospinal, epidemic, (Meningococcic)	3			9			851	145	17.0
**Meningitis, tuberculous	1	1	100.0	1			115	91	79.1
Meningitis, other forms	19	3	15.8	23	3	13.0	538	138	25.7
Meningococcemia	0			0			11***	2	18.2
Mononucleosis, infectious	12			4			75***		
Pneumonia, all forms	49			62	1	1.6	2,900	283	9.8
Poliomyelitis, acute, all forms	31			68	7	10.3	2,316	135	5.8
Rabies	0			0			3	3	100.0
Rubella	0			1			786	1	0.1
Scabies	0			5			333		
Scarlet Fever	119			96			11,751	218	1.9
Syphilis, congenital	0			0			166	18	10.8
Syphilis, other forms	0			0			3,422	32	0.9
Tinea capitis	0			2			12***		
*Tonsillitis	104			94			4,933	11	0.2
Tonsillitis, due to Hemolytic Streptococcus	43			23			700	4	0.6
Tuberculosis, pulmonary	1			2			5,922	2,206	37.3
Tuberculosis, other forms	0			0			313	107	34.2
Typhoid Fever	1			3			194	20	10.3
Vincent's infection	0			0			245	10	4.1
Whooping Cough	6			35			3,020	180	6.0
No diagnosis	5			9			910	12	1.3
Other diseases	500	1	0.2	603	10	1.7	19,571	1,052	5.4
†Diseases of the nervous system	1,190	11	0.9	1,153	12	1.0	24,052	636	2.6
‡Surgery	0			0			4,704	26	0.6
Total	2,411	17	0.7	2,398	35	1.5	106,992	6,500	6.1

*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.

***Beginning October 1, 1952.

§Beginning October 1, 1960.

(Other Diseases: In Table C 1. Specified)

Living Dead		Living Dead	
Abscess of epiglottis	1	Hernia, inguinal	1
Abscess of lymph node (inguinal)	1	Herpes zoster	2
Abscess of scalp	1	Infarction of myocardium due to unknown cause	1
Acute brain syndrome, associated with trauma (contusion)	1	Infection of external auditory meatus	4
Adenocarcinoma of the pancreas	1	Jaundice, catarrhal	1
Anemia, Cooley's (Hereditary Leptocytosis)	1	Labyrinthitis, unknown	1
Anemia, hypochromic, microcytic	1	Laryngotracheitis, acute	54
Anemia, nutritional	1	Leukemia, lymphocytic	2
Angioneurotic edema; giant urticaria	2	Lymphadenitis, cervical	8
Appendicitis, chronic, recurrent	1	Malnutrition in person over two years	1
Arteriosclerosis, general	1	Mycotic infection of foot	1
Asthma	18	Myositis, acute	3
Avitaminosis	1	Nephrotic syndrome	1
Birth injury of brain, unlocalized	1	Neurodermatitis disseminata (atopic eczema)	6
Blepharitis squamosa	2	Neuropathy of facial nerve (Bell's Palsy)	1
Bronchiolitis	10	Non-bacterial regional lymphadenitis (Cat-scratch fever)	1
Bronchitis	9	Normal newborn infant	1
Burn of skin, second degree	2	Observation for rheumatic fever	1
Carrier state (Shigella)	1	Omphalitis, acute	1
Cellulitis	2	Osteomyelitis, acute	1
Conjunctivitis	3	Otitis media, non-suppurative, acute	7
Cholelithiasis	1	Otitis media, non-suppurative, chronic	1
Cholecystitis, chronic	1	Otitis media, suppurative, acute	11
Contusion of head	1	Otitis media, suppurative, chronic	1
Convulsive disorder, cause undetermined	6	Oxyuriasis	2
Cystic fibrosis of the pancreas	1	Pediculosis, capitis	1
Cystitis, acute	1	Pleurisy with effusion	1
Dacrocystitis, acute	1	Pleurodynia, epidemic	1
Dermatitis, allergic	6	Pneumonitis, acute	1
Dermatitis of ear lobe due to Hemolytic Strep.	1	Pancreatitis, chronic, interstitial	1
Dermatitis, infectiosa, exzematoides	2	Poisoning	4
Dermatitis, seborrheic	2	Pruritus	1
Dermatitis, venenata	5	Pyelitis, acute	1
Dermatitis, undetermined cause	1	Pyelonephritis, acute	4
Diabetes mellitus	3	Reiter's disease	1
Diagnosis deferred	36	Respiratory infection, acute diffuse	95
Eczema	6	Rheumatic fever	2
Encephalomyelitis, acute	1	Serum sickness	1
Eosinophilic pneumonitis (Loeffler's syndrome)	1	Sinusitis, acute	4
Epistaxis	1	Stomatitis, acute	5
Erythema multiforme	1	Tenosynovitis, acute	1
Erythema toxicum	1	Torsion of testis	1
Exanthema subitum (roseola)	3	Ulcer, chronic (Ulcus Hypostaticum)	1
Feeding, improper, of child under two years	5	Urticaria	3
Fever of unknown origin	7	Vaccination reaction	1
Food allergy (milk)	1	Vertebral arch, fusion defect of, posterior; spina bifida	1
Fracture of parietal bone	1	Virus encephalomyelitis (Guillain-Barré Syndrome)	3
Furuncle	3	Virus infection, unknown etiology	6
Furunculosis	1		
Gastritis, acute	1		
Gastroenteritis, acute	75		
Gingivitis, acute	5		
Glomerulonephritis, chronic	1		
Heart disease, congenital	2		
Hemopneumothorax	1		

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

	Living	Dead
Schizophrenic reaction	393	
Manic depressive reaction, manic type	24	
Manic depressive reaction, depressive type	32	

	Living	Dead
Manic depressive reaction, other.....	1	
Psychotic depressive reaction	79	
Paranoid state	13	
Involucional psychotic reaction	24	
<i>Chronic Brain Disorders</i>		
Associated with central nervous system syphilis.....	2	
Alcohol intoxication	16	1
Associated with brain trauma.....	1	
Associated with cerebral arteriosclerosis.....	72	5
Associated with circulatory disturbance other than cerebral arteriosclerosis	1	
Associated with convulsive disorder.....	3	
Associated with senile brain disease.....	17	1
Associated with other disturbance of metabolism, growth or nutrition	4	
Associated with intracranial infection other than syphilis	1	
<i>Acute Brain Disorders</i>		
Associated with systemic infection.....	2	
Drug or poison intoxication.....	7	
Alcohol intoxication	163	
Acute hallucinosis	16	
Delirium tremens	44	2
Associated with trauma, post ECT.....	2	
Associated with convulsive disorder.....	3	
With disease of unknown or uncertain cause.....	1	
With metabolic disturbance	2	
Associated with intracranial infection.....	1	
Of unknown cause	5	1
<i>Psychoneurotic Disorders</i>		
Anxiety reaction	14	
Dissociative reaction	4	
Obsessive compulsive reaction.....	5	
Depressive reaction	161	
Psychoneurotic reaction, other.....	2	
<i>Personality Disorders</i>		
Schizoid personality	7	
Cyclothymic personality	1	
Paranoid personality	2	
Emotionally unstable personality.....	7	
Compulsive personality	1	
Sociopathic personality disturbance.....	13	
Antisocial reaction	3	
Dyssocial reaction	1	
Alcoholism	7	1
<i>Transient Situational Personality Disorders</i>		
Adjustment reaction of adolescence.....	1	
Mental deficiency, idiopathic, mild.....	3	
Mental deficiency, idiopathic, moderate.....	15	
Mental deficiency, idiopathic, severe.....	4	
Psychophysiologic respiratory reaction.....	1	

Table C 4. Diphtheria: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910-September 30, 1961:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910
	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961
	1961	1960	1961	1961	1960	1961	1961	1960	1961
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	.....	.....	56	.....	.....	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.....	1	40	.....	1	6	.....	1	15.0
50-59.....	19	.....	.....	2	.....	.....	10.5
Over 60.....	5	.....	.....	.....	.....	.....	.....
Total	1	4,863	.....	1	648	.....	1	13.3

Table C 10. Scarlet fever: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910-September 30, 1961:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910
	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961
	1961	1960	1961	1961	1960	1961	1961	1960	1961
Under 1.....	0	2	61	.....	.....	6	.....	.....	9.8
1.....	2	1	204	.....	.....	1	.....	.....	0.5
2.....	7	5	529	.....	.....	18	.....	.....	3.4
3.....	9	12	846	.....	.....	14	.....	.....	1.7
4.....	17	14	880	.....	.....	30	.....	.....	3.4
5.....	22	15	924	.....	.....	20	.....	.....	2.2
6.....	13	9	1,080	.....	.....	9	.....	.....	0.8
7.....	14	8	951	.....	.....	13	.....	.....	1.4
8.....	13	9	848	.....	.....	10	.....	.....	1.2
9.....	5	5	634	.....	.....	9	.....	.....	1.4
10-14.....	5	7	1,653	.....	.....	12	.....	.....	0.7
15-19.....	2	4	588	.....	.....	9	.....	.....	1.5
20-29.....	.....	.....	831	.....	.....	15	.....	.....	1.8
30-39.....	.....	.....	280	.....	.....	7	.....	.....	2.5
40-49.....	.....	.....	73	.....	.....	4	.....	.....	5.6
50-59.....	.....	.....	14	.....	.....	.....	.....	.....	.....
Over 60.....	.....	.....	2	.....	.....	.....	.....	.....	50.0
Total	109	91	10,398	.....	.....	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, 1961:

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

Table C 16. Measles: Number of cases uncomplicated by other diseases and fatality by ages, March 1, 1910 September 30, 1961:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910
	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961
Under 1.....	3	2	177	....	....	36	....	....	20.3
1.....	1	3	320	....	....	59	....	....	18.4
2.....	14	3	396	....	....	31	....	....	7.8
3.....	9	4	348	....	....	14	....	....	4.0
4.....	5	3	357	....	....	9	....	....	2.5
5.....	5	4	331	....	....	2	....	....	0.6
6.....	6	1	347	....	....	5	....	....	1.4
7.....	3	2	247	....	....	3	....	....	1.2
8.....	2	1	186	....	....	....	....	....	....
9.....	2	....	99	....	....	....	....	....	....
10-14.....	2	2	183	....	....	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	53	25	3,434	....	....	168	....	....	4.9

Table C 17. Whooping Cough: Number of cases and fatality by ages, March 1, 1910-September 30, 1961:

Ages	Living Cases			Dead Cases			Fatality		
	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910	Oct.1, 1960	Oct.1, 1959	Mar.1, 1910
	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961	Sep.30, 1961	Sep.30, 1960	Sep.30, 1961
Under 1.....	....	14	933	....	....	89	....	....	9.5
1.....	2	6	519	....	....	45	....	....	8.7
2.....	2	5	371	....	....	21	....	....	5.7
3.....	....	4	275	....	....	7	....	....	2.5
4.....	2	2	215	....	....	8	....	....	3.7
5.....	....	2	154	....	....	2	....	....	1.3
6.....	....	2	104	....	....	2	....	....	1.9
7.....	....	....	96	....	....	1	....	....	1.0
8.....	....	....	45	....	....	....	....	....	....
9.....	....	....	27	....	....	1	....	....	3.7
10-14.....	....	....	21	....	....	....	....	....	....
15-19.....	....	....	5	....	....	1	....	....	20.0
20-29.....	....	....	10	....	....	....	....	....	....
30-39.....	....	....	....	....	....	....	....	....	....
40-49.....	....	....	1	....	....	....	....	....	....
50-59.....	....	....	2	....	....	....	....	....	....
Over 60.....	....	....	1	....	....	....	....	....	....
Total	6	35	2,779	....	....	177	....	....	6.4

Secondary Diseases Among Patients: Oct. 1, 1960—Sept. 30, 1961.

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, 1,195 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 were two cross-infections as follows:

GROUP I

MEASLES—EAST II

On February 28, 1961, a three-year-old female, #106666, was admitted to East II because of eosinophilic pneumonitis and on March 16, 1961 developed measles.

The source of this cross-infection was #106711, a nine-year-old female who entered East II on March 6, 1961 with measles.

A one-year-old female, #106362, was admitted to East II on January 15, 1961 with chickenpox and on February 19, 1961 developed measles.

The source of this cross-infection was #106402, described under Group II.

These two cases represent a cross-infection rate of only .2%.

Table C 18 is being omitted from this report. It carried a listing of all cross-infections for the past fifty years.

GROUP II

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

Measles

On January 23, 1961, a six-year-old male, #106402, was admitted to East II with sinusitis. He developed measles on January 26, 1961, the obvious result of exposure prior to admission.

A one-year-old boy, #106172, was admitted to Richardson I on December 19, 1960 because of an acute diffuse upper respiratory infection and four days later developed measles. He was exposed to the disease before admission.

A girl five years old, #107443, was admitted to East I on June 17, 1961 with scarlet fever and on June 19, 1961 developed measles, the result of exposure to the disease before admission.

Chickenpox

On December 21, 1960, a five-week-old female, #106187, was admitted to East II because of an acute diffuse upper respiratory infection and on the third hospital day developed chickenpox, the result of exposure prior to admission.

EMPLOYEES

Seventeen employees of the hospital were admitted with conditions other than communicable diseases.

As there has been no so-called cross-infection among the nursing personnel or other employees of the hospital for the past several years, table C 19 is omitted from this report.

The reader is referred to previous reports for a record of infectious diseases among employees during the past fifty years.

Report of the Neuro-Psychiatric Department

Once again there was an increase in the number of patients admitted to the Neuro-Psychiatric Department. Thus, the pattern established in 1957 has continued from 1,005 patients admitted in 1957 reaching the all-time high of 1,192 in 1961, or a little over three patients admitted per day. We are pleased to report that in spite of this, we are still returning more patients to the community than are being transferred to other hospitals. This follows the national pattern of hospital discharges which has been evident in our statistics since 1952.

CONDITION ON DISCHARGE

<i>Year</i>	<i>Improved and Recovered</i>	<i>Unimproved</i>	<i>Dead</i>	<i>Total</i>
1951	282	539	9	830
1952	316	484	12	812
1953	436	396	11	843
1954	461	348	0	809
1955	549	417	7	973
1956	507	412	7	926
1957	549	445	11	1,005
1958	563	440	7	1,010
1959	564	490	13	1,067
1960	659	482	12	1,153
1961	661	520	11	1,192

The number of patients transferred from other hospitals has also continued its upward swing with 25 more admitted in 1961 than in 1960. In 1960 there were 186; in 1961, 211. Many of these patients were acutely ill physically, and presented severe and difficult problems in nursing and medical care. On the other hand, the transfer of our patients to general hospitals showed a 50% decrease. In 1960, 31 patients were transferred; in 1961, 15.

PATIENTS TRANSFERRED TO CHARLES V. CHAPIN HOSPITAL FROM OTHER HOSPITALS

Butler Health Center	3
Rhode Island Hospital	101

Pawtucket Memorial Hospital.....	18
Quonset Naval Air Station Hospital.....	14
Newport Naval Hospital.....	23
Woonsocket Hospital.....	10
McAlpine Hospital.....	1
Roger Williams General Hospital.....	5
Our Lady of Fatima Hospital.....	9
St. Joseph's Hospital.....	9
Davis Park Veterans Administration Hospital.....	10
Kent County Hospital.....	3
Miriam Hospital.....	1
Lying-In Hospital.....	1
Fuller Memorial Sanitorium.....	3

211

The number of patients 65 years and over showed an increase of 33 over the 1960 figure of 115. It is interesting to note that 6 of the 12 deaths which occurred during the year were in this age group.

PATIENTS 65 YEARS AND OVER

<i>Years of Age</i>	<i>Number Admitted</i>	<i>Years of Age</i>	<i>Number Admitted</i>
65	10	79	4
66	2	80	5
67	9	81	3
68	9	82	8
69	13	83	4
70	12	84	2
71	4	85	2
72	12	86	4
73	3	87	1
74	6	88	2
75	11	89	1
76	7	90	1
77	7	93	1
78	5		

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DISPOSITION OF PATIENTS AGE 65 AND OVER

Home	48
Home, Against Advice	6
State Hospital for Mental Diseases	81
Rhode Island Hospital	1
Woonsocket Hospital	1
Davis Park Veterans Administration Hospital	1
Wallum Lake	1
Nursing Home	3
Dead	6

148

The number of patients with the primary diagnosis of alcoholism continued its upward trend. In 1960 there were 226 patients so diagnosed; in 1961, 250, an increase of 24. The number of juveniles remained essentially the same as it has been for the past several years.

From the preceding and following statistics, it is apparent that the community still continues to value and increase its use of the Neuro-Psychiatric Department facilities. The services offered the private practitioner, the general hospital, and the Police Departments—who have referred 146 patients—have continued to expand through the years. The patients admitted have varied in scope from the young to the old, the acute to the chronic, the functional to the organic. Frequently, they presented problems of diagnosis and disposition; and, it was in these areas that the value of the psychiatric team proved itself, as always, to be the most satisfactory method of approach.

The department continues to keep abreast of all new accepted forms of psychiatric treatment. Drug therapy, organo-therapy, psychotherapy, and selected individual therapy are used when indicated. As always, first emphasis is placed on the patient's physical health, and routine thorough physical examination and laboratory tests are done on all patients at the time of admission. As in previous years primary consideration is given to those patients whose age and illness indicate the most favorable prognosis for response to treatment and subsequent prompt return to the community.

The practice of having grand rounds and staff conference twice a week with members of the visiting staff present has continued. It has proven through the years to be the most valuable method of diagnostic and dispositional planning. The many hours given by the visiting staff to this end are most appreciated. These rounds and conferences form an integral part of the teaching program and provide an on-the-spot opportunity for mutual sharing of information and knowledge.

As has been our custom, a community lecture series was given, and the attendance of representatives from health and welfare agencies was most gratifying. We are thankful to them

for coming and indebted to each speaker for his willingness to share his knowledge with us.

Transfer to the Hindle Building, the open, ambulatory, convalescent female service, has increased from 178 admissions in 1958—the first year of operation—to 324 during the past year, which shows an increase of 97 over the previous year.

The volunteer program has also continued to increase its scope and variety of activities.

VOLUNTEER PROGRAM

During the period from October 1, 1960, through September 30, 1961, fifty-five volunteers served a total of 2,860 hours. Fourteen entertainment programs were given by singers and musicians for the patients in the Neuro-Psychiatric Department. Five individual volunteers received a "Certificate of Appreciation" from Chapin Hospital for serving 100 hours each during the year. A tea for volunteers was held in the Nurses' Home in the spring, and a "Certificate of Appreciation" was presented to the Brown Youth Guidance at that time.

Additional types of programs instituted this year are as follows:

- (a) volunteer ward secretaries
- (b) classes in makeup, hair styling, and sewing supervised by a professional dressmaker
- (c) bi-monthly AA meetings.

Books donated to us have been catalogued by a librarian and we are in the process of inaugurating a library setup.

A monthly bingo is held in the Hindle Building by members of the Adult Fellowship of the Calvary Baptist Church of Providence.

The patients have responded eagerly to these projects, and their enjoyment of them has contributed greatly to their improvement.

SOCIAL SERVICE DEPARTMENT

The practice of obtaining some information and as much detailed data as possible on all patients has been continued. All

case work services are given when indicated, including social histories obtained from relatives, friends, and agencies, arrangements for the patient's return home, rehabilitation and follow-up plans made with the proper persons and agencies, and family consultation.

We have continued our practice of preparing abstracts and summaries on the discharged as well as the active patients. There has been a considerable increase in the demand for this type of information. The monthly, annual, and Department of Health, Education, and Welfare statistics have continued to be our responsibility.

We participate actively in the daily patient interviews, ward rounds, and weekly staff conferences. We also have cooperated in the community lecture series and resident training program.

Our main emphasis still is placed on obtaining information for the staff for diagnosis and planning for the patient's discharge from the hospital. To this end we have maintained an even closer contact with the health and welfare agencies in our community.

The daily inquiries by telephone and mail have increased as well as the paper work of forms and questionnaires. In fact, much case work and agency referral are being handled in this manner.

We have attended, when possible, community meetings, social service conferences, and participated in board membership of health and welfare agencies.

There has been one increase and one change in personnel. The position of another psychiatric social worker was approved, and on February 13, 1961, Mrs. Robin Abedon joined the staff. She is a graduate of Jackson College and has a Master of Arts in Teaching Degree from Radcliffe College. On August 15, 1961, Mrs. Rosemary Levreault, a most valuable and loyal worker for four years, resigned. On September 25, 1961, Mr. James DeGuire, who holds a Bachelor of Arts Degree and a Master's Degree in History from the University of Connecticut, joined the department.

PSYCHOLOGY DEPARTMENT

As in the past, the services of this department were rendered primarily to ward patients. Private and Ward Special cases were seen only upon the specific request of the patient's physician. Tests were administered to those patients with acute disturbances 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. Once again the majority of patients tested fell within the sixteen to thirty-year-old age group.

Test findings were integrated with the clinical evaluation and case history to yield a better understanding of the personality dynamics of the individual case. Problems concerning diagnosis, prognosis, treatability, and disposition were given prominent consideration in the test interpretation.

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

Other arrangements were made this year with the Providence Police Department for psychological evaluation of those members eligible for promotion, so that the functioning of this department in that area was discontinued.

Tests Administered:

Rorschach Psychodiagnostic Record	39
Wechsler-Bellevue Intelligence Scale	51
Sentence Completion Test	37
Thematic Apperception Test	16
Cornell Index	10
Miscellaneous (Wechsler Memory Scale, Bender-Gestalt, Sorting Tests, etc.)	48

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RESIDENTS IN PSYCHIATRY

There have been several changes in personnel. On December 31, 1960, Dr. Carlos A. Coquet resigned. On October 1, 1960, Dr. Cevdet Yesiltepe joined the department to remain until September 30, 1961, when he left to return to his native land.

Newport Naval Hospital	1
U. E. Zambarano Memorial Hospital	1
Fort Devens	1
Convalescent Home	3
Court	1
Juvenile Court	1
Custody of the Police	4
A.W.O.L.	3
Dead	11

1,192

CAUSES OF DEATH

Bronchopneumonia	4
Fatty degeneration of the liver.....	1
Hydronephrotic contracted kidney	1
Arteriolar nephrosclerosis, advanced stage, with uremia	1
Arteriolar nephrosclerosis	1
Coronary thrombosis	1
Cerebral thrombosis due to arteriosclerosis	1
Arteriosclerotic heart disease	1

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CONCLUSION

The preceding reports and statistics substantiate the fact that last year was busy, challenging, and progressive. The increase in patients, in the number of the acutely physically ill patients, and in requests for services, advice, and recommendation, has—of necessity—required that every member of the staff be alert, hardworking, and conscientious. I am grateful to the members of my staff, the resident doctors, nurses, aides, social workers, psychologist, and secretaries, who have met this challenge willingly and successfully. I am thankful to the members of our visiting staff who are always available and tireless in their effort to help us handle our increasing work. I appreciate the interest of Dr. Edward J. West and his cooperation and help.

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 of the nursing department 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.

INSTRUCTOR

Sally F. Hopkins, R.N.

SUPERVISORS

Magdalen Buckley, R.N.

Rose McElroy, R.N.

Gloria Riley, R.N.

ASSISTANT SUPERVISORS

Barbara Mignault, R.N.

GRADUATE NURSING PERSONNEL

COMMUNICABLE DISEASE DIVISION

Veronica Callan, R.N.

Jane Casey, R.N.

Jill Coleman, R.N.

Bernice DeFreitas, R.N.

Sheila Gormley, R.N.

Mary Gravel, R.N.

Rosemary Harrison, R.N.

Marjory Hebert, R.N.

Ann Kilroy, R.N.

Joan Malo, R.N.

Theresa Matteo, R.N.

Priscilla Murphy, R.N.

Nancy Murray, R.N.

Sarah Nalbandian, R.N.

Alice Perkins, R.N.

Mary Ann Podedworney, R.N.

Catherine Pytell, R.N.

PART-TIME

Georgie Kahler, R.N.

Elizabeth McGunigle, R.N.

Isabel Pedulla, R.N.

OUT-PATIENT DEPARTMENT

Grace Cannon, R.N.

PART-TIME

Angelita Colacci, R.N.

NEURO-PSYCHIATRIC DIVISION

Florence Bibeau, R.N.	Elizabeth Nagle, R.N.
Richard Cushman, R.N.	Barbara Quaranto, R.N.
Rose Howard, R.N.	Margaret Rostrom, R.N.
Arlene McAteer, R.N.	John W. Tencher, R.N.
Agnes McLean, R.N.	Naurita Waters, R.N.

The School of Nursing during the past year showed an increase of 20 students who successfully qualified in Communicable Disease Nursing; however, the number of schools offering this experience remains static. An educational evaluation program conducted by the affiliating agencies utilizing the State Director of Nursing Education as a reference person, offered many helpful suggestions regarding our educational program.

Nursing service continues to be maintained at a high level. A new formula unit equipped with the latest facilities was completed and in operation during this past year.

The Nursing Department has greatly benefited during this past year from the interest, understanding and guidance given during regular 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 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
Nursing Education*

STUDENT NURSE PERSONNEL

St. Joseph's Hospital, Providence, Rhode Island	53
The Memorial Hospital, Pawtucket, Rhode Island	28
Total	83
Diplomas Awarded	83
In the School of Nursing October 1, 1961	11
Total number of students since 1910	12,314

Report of the Laboratory

In the fiscal year ending September 30, 1961 this laboratory carried out a total of 54,760 tests, of which 296 were done for the Health Department. This represents a definite increase over the last fiscal year, during which a total of 51,033 tests were performed. The departmental break-down of this total may be seen in Table I.

Six autopsies were done from a total of seventeen deaths, giving us an autopsy percentage of 35.2%. Comparison with earlier years is set forth in Table II.

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

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

Respectfully submitted,

LEROY W. FALKINBURG, M. D.
Pathologist

Table I

	C.V.C.H. +	0	?	+	H.D. 0	?	C.V.C.H.	H.D.	Total
Bacteriology:									
Cultures for hemolytic strep.....	348	5,744	.....	2	20	.....	6,092	22	6,114
Cultures for diphtheria.....	.....	6,092	.....	.....	22	.....	6,092	22	6,114
Cultures for staphylococcus.....	342	5,712	.....	.....	22	.....	6,054	22	6,076
Blood Cultures.....	.....	.....	.....	.....	.....	.....	153	.....	153
Stool and Urine Cultures.....	456	238	.....	17	10	.....	694	27	721
Stools for Ova and Parasites.....	181	351	.....	.....	.....	.....	532	.....	532
Ear Cultures.....	.....	.....	.....	.....	.....	.....	37	.....	37
Eye Cultures.....	.....	.....	.....	.....	.....	.....	20	.....	20
Sputum Cultures.....	1	5	.....	.....	.....	.....	6	.....	6
G. C. Cultures.....	.....	.....	.....	.....	.....	.....	18	.....	18
Smears for gonococci (G. U.).....	.....	.....	.....	.....	.....	.....	8	.....	8
Smears for sputa for tubercle bacilli.....	.....	.....	.....	.....	.....	.....	17	.....	17
Smears for Treponema pallidum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Spinal Fluid Sediments and Cultures.....	.....	.....	.....	.....	.....	.....	473	.....	473
Vaccines.....	.....	.....	.....	.....	.....	.....	2	.....	2
Animal inoculations for "T. B.".....	.....	.....	.....	.....	.....	.....	5	.....	5
Sensitivity Tests.....	.....	.....	.....	.....	.....	.....	539	27	566
N-P cultures.....	.....	.....	.....	.....	.....	.....	4	.....	4
Miscellaneous Cultures.....	.....	.....	.....	.....	.....	.....	126	.....	126
Miscellaneous Examinations.....	.....	.....	.....	.....	.....	.....	606	.....	606
Total Bacteriology.....	21,478	120	21,598						
Serology:									
Venereal Disease Research Laboratory.....	56	2,272	.....	3	53	.....	2,328	56	2,384
Agglutination tests for typhoid.....	.....	.....	.....	.....	.....	.....	74	.....	74
Agglutination tests for undulant fever.....	.....	.....	.....	.....	.....	.....	74	.....	74
Agglutination tests for Proteus O ₁₅ -19.....	.....	.....	.....	.....	.....	.....	74	.....	74
Sheep cell agglutination.....	.....	.....	.....	.....	.....	.....	158	.....	158
Total Serology.....	2,708	56	2,764						
Hematology:									
Spinal fluid cell counts.....	.....	.....	.....	.....	.....	.....	317	.....	317
Cell counts and differential counts.....	.....	.....	.....	.....	.....	.....	10,385	55	10,440
Blood Grouping.....	.....	.....	.....	.....	.....	.....	30	.....	30
Sedimentation Rate.....	.....	.....	.....	.....	.....	.....	116	.....	116
Hematocrit.....	.....	.....	.....	.....	.....	.....	947	10	957
Special Hematology.....	.....	.....	.....	.....	.....	.....	403	.....	403
Total Hematology.....	12,198	65	12,263						

Table I—Continued

	C.V.C.H.	H.D.	C.V.C.H.	H.D.	Total
Chemistry:					
Sugar (Blood and spinal fluid).....	1,829	....	1,829	....	1,829
Non-protein Nitrogen	1,340	....	1,340	....	1,340
Creatinine	59	....	59	....	59
Chloride	372	....	372	....	372
Calcium	52	....	52	....	52
Phosphorus	40	....	40	....	40
Protein (Quan. and Qual.)	596	....	596	....	596
Carbon Dioxide Combining Power.....	199	....	199	....	199
Bilirubin	608	....	608	....	608
Cephalin Chol. Flocculation.....	539	....	539	....	539
A/G Ratio	90	....	90	....	90
Phosphatase	68	....	68	....	68
Thymol	664	....	664	....	664
Sodium	170	....	170	....	170
Potassium	171	....	171	....	171
Gold Curves	56	....	56	....	56
Miscellaneous Chemistry	1,101	....	1,101	....	1,101
Urinalysis	4,211	55	4,266	55	4,266
Bile and Urobilinogen.....	4,702	....	4,702	....	4,702
Miscellaneous Urinalysis	688	....	688	....	688
Total Chemistry	17,564	55	17,619	55	17,619
Pathology:					
Necropsy Sections	220	....	220	....	220
Total Pathology	220	....	220	....	220
Total Examinations	54,464	296	54,760	296	54,760

+=Positive.

0=Negative.

?=Indicates a borderline result.

Table II

NECROPSIES, 1910 to SEPTEMBER, 1961

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
Total.....	6,517	2,409	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-18-60	Acute Suppurative Leptomeningitis	21 months
A-4-61	Sacral Meningomyelocele with Hydrocephalus and Acute Suppurative Leptomeningitis	8 days
A-5-61	Tuberculous Meningitis	5 years
<i>Gastrointestinal Tract</i>		
A-2-61	Carcinoma of Pancreas and Retroperitoneal Carcinomatosis	76 years
A-3-61	Adenocarcinoma of Pancreas with Carcinomatosis	73 years
<i>Miscellaneous</i>		
A-1-61	Severe Fatty Degeneration of Liver	64 years

Report of the X-ray Department

There has been an increase in the number of examinations made during the past year. This is primarily in the Pulmonary Department.

PARTS OF THE BODY X-RAYED			NUMBER OF CASES		
	1960	1961		1960	1961
Lungs, Pulmonary Dept.....	1,633	2,482	Ward Patients:		
Lungs	833	906	Neuro-Psychiatric	386	377
Bones:			Others	714	831
Spines	157	119	Out-Patients	60	78
Skulls	235	188	Pulmonary Clinic	1,633	2,482
Extremities	343	271	Student Nurses	47	71
Cardiac	76	76	Employees	288	185
Gall Bladder	18	13	State Rheumatic Fever Pro-		
Abdomen	25	26	gram	65	50
Intravenous Pyelogram	16	29	Total	3,242	4,116
G. I. Series	25	26			
Barium Enema	5	12	Electrocardiograms	171	204
Sinuses	34	27	Portable Examinations	51	40
Mastoids	34	21	Laminagrams	4	4
Encephalograms	0	2			
Dental	3	5			
Fluoroscopy	51	55			
Miscellaneous	39	42			
Total (including portables)	3,339	4,340			

An image amplifier is now available and installation of new equipment has been finally completed.

Miss Rose Smile has taken the place of Mrs. Jean Hagenow as Chief Technician and Mrs. Elizabeth D. Guckin has become Assistant Technician.

Respectfully submitted,

MANUEL HORWITZ, M. D.

Roentgenologist

Report of the Out-Patient Department

The total number of visits during the past fiscal year was 7,171, representing an increase of 1,789 over the previous year. The new patients seen at the pediatric and pulmonary clinics approximately doubled in number.

DEPARTMENTS	New Patients 1961	First Visits Old Patients	Total Individuals	Revisits	Total Visits 1961	Total Visits 1960
Neuro-Psychiatric	100	19	119	747	866	933
Pediatrics.	256	29	285	394	679	515
*Pulmonary	1,214	1,131	2,345	2,601	4,946	3,266
**Rheumatic Fever	49		49	291	340	338
Minor Accidents	340		340		340	330
Total.....	1,959	1,179	3,138	4,033	7,171	5,382

*Pulmonary Clinic of the Providence Health Department.

**Rheumatic Clinic of the State Health Department.

Food Handlers 3,097 (3,388 in 1960)

I wish to express my appreciation to the visiting physicians and the out-patient personnel for their cooperation.

Respectfully submitted,

FIORAVANTE N. NORA, M.D.

Physician-In-Charge

Report of Dietary Department

A total of 225,159 meals were served during the year ending September 30, 1961. The cost of raw food was 46¢ per meal compared to 53¢ last year.

The following table shows the distribution of meals served.

MEAL COUNTS						
Month	Dining Rooms		Pedi- atrics	Patients		Total
	Doctors	Other		Psycho	Commun- icable	
October 1960	723	6,500	804	5,276	3,150	16,452
November	729	6,891	859	5,437	3,216	17,132
December	641	7,248	899	5,577	3,219	17,584
January 1961	671	8,799	904	5,726	3,336	19,436
February	620	8,624	894	5,318	3,005	18,461
March	645	8,611	890	5,372	3,121	18,639
April	621	8,795	800	5,941	3,219	19,376
May	604	8,715	792	6,411	3,312	19,834
June	600	8,624	817	6,241	3,120	19,402
July	609	8,631	855	6,213	3,114	19,422
August	611	8,685	849	6,198	3,210	19,553
September	610	8,952	800	6,004	3,501	19,867
Total	7,684	99,075	10,163	69,714	38,523	225,159

General replacements of equipment were made throughout the past year. The purchase of a new double dual control deep fryer to replace the old one has stepped up the cooking time on all fried foods. It is a great improvement. Finer results have been noticed with the purchase of a new vegetable peeler. It has proved economical in the saving of time and food.

To Dr. Edward J. West and all other hospital employees, I would like to extend my thanks for their cooperation.

Respectfully submitted,

DOROTHY KELLY

Dietitian

Report of the Maintenance Department

The new infant formula laboratory started last year was completed this year and is operating efficiently.

The most important improvement to the hospital physical plant was made possible by the awarding of a contract for the installation of a new steam generating unit. This expenditure was necessary because of condemnation of our #1 boiler which was thirty-five years old. In scope, it will include:

1. Removal of existing #1 HRT boiler and brickwork
2. Installation of new Scotch type high pressure steam generator
3. Installation of new feedwater heater system
4. Replacement of steam operated boiler feed pump set with electrically operated units
5. Alterations to boiler feed system and condensate return system, also the oil preheating system.

The steam demand of the entire hospital can be furnished from this new unit, if necessary. Our two other HRT boilers are performing satisfactorily, considering that the #2 boiler was put on line in 1926 and the #3 boiler in 1910.

A contract was awarded to replace 87 wooden frame screens on Lippitt I of the neuro-psychiatric unit with steel detention screens. This expenditure was necessary because the old wooden screens were constantly in need of repair.

Door frames, panels, and aluminum type jalousie doors were installed on all airing porches. This completed our program of replacing all outside doors on the Administration, West, Richardson, East and Hindle Buildings.

Painting and renovating of the various hospital units continues as the need arises. All units were painted in full or in part and most furniture refinished.

Mr. Ralph Hartman, Superintendent of Parks, was consulted about our grounds. He reported that the grounds were very pleasing to view and presented a well maintained appearance. However, we plan to replace some of the old shrubbery with new plantings and widen some of the roadways.

A new parking area near Hindle Building has been laid out and grading and paving will commence as soon as the weather permits.

NEW EQUIPMENT

- 1 Sign cabinet
- 1 Ice-cube machine
- 1 Potato peeler
- 3 Typewriters
- 1 Platform truck
- 1 Deep fry unit
- 1 Dump truck
- 1 Cooler refrigerator
- 1 Five-passenger automobile
- 1 Oxygen cylinder truck
- 1 Steam boiler and accessories

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

Respectfully submitted,

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

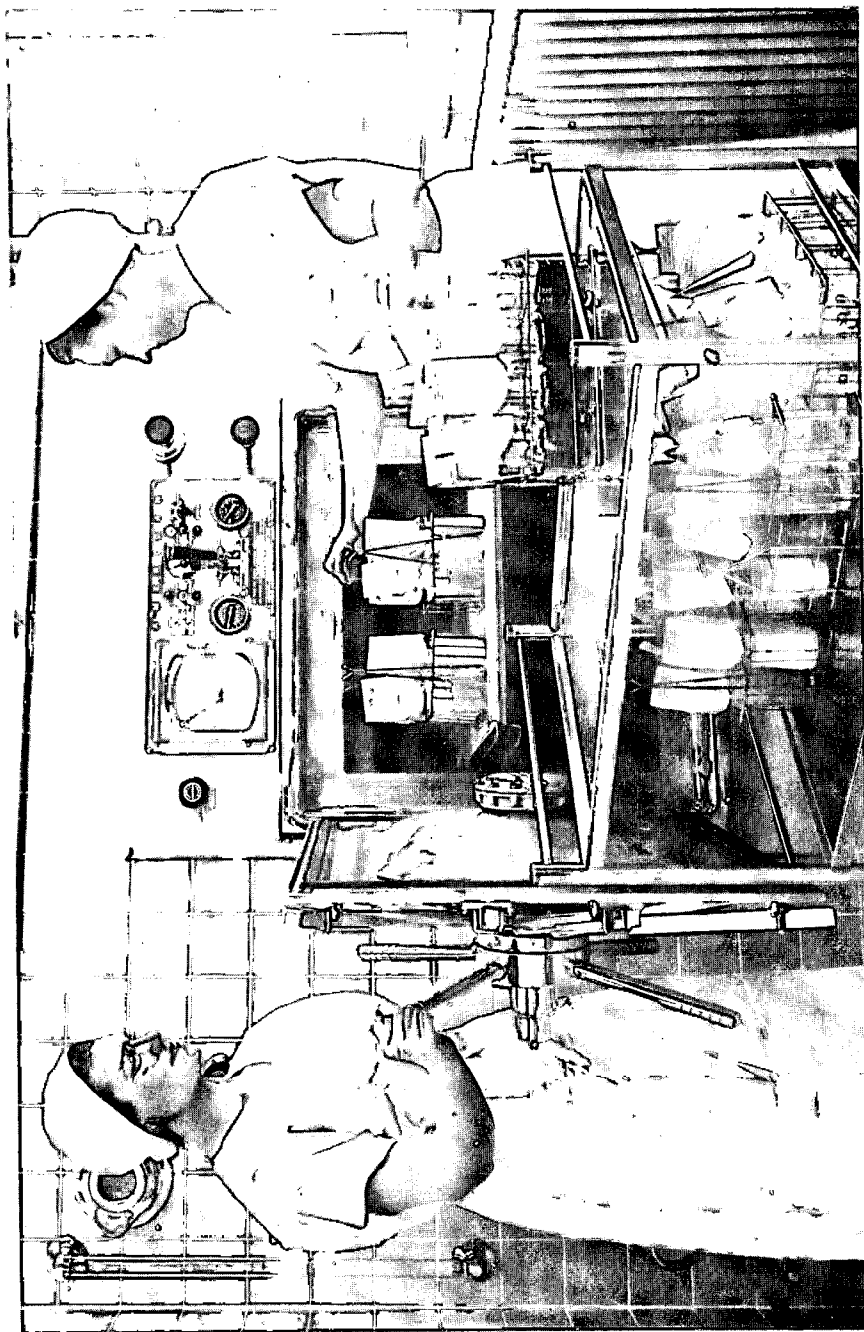
Acknowledgments

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

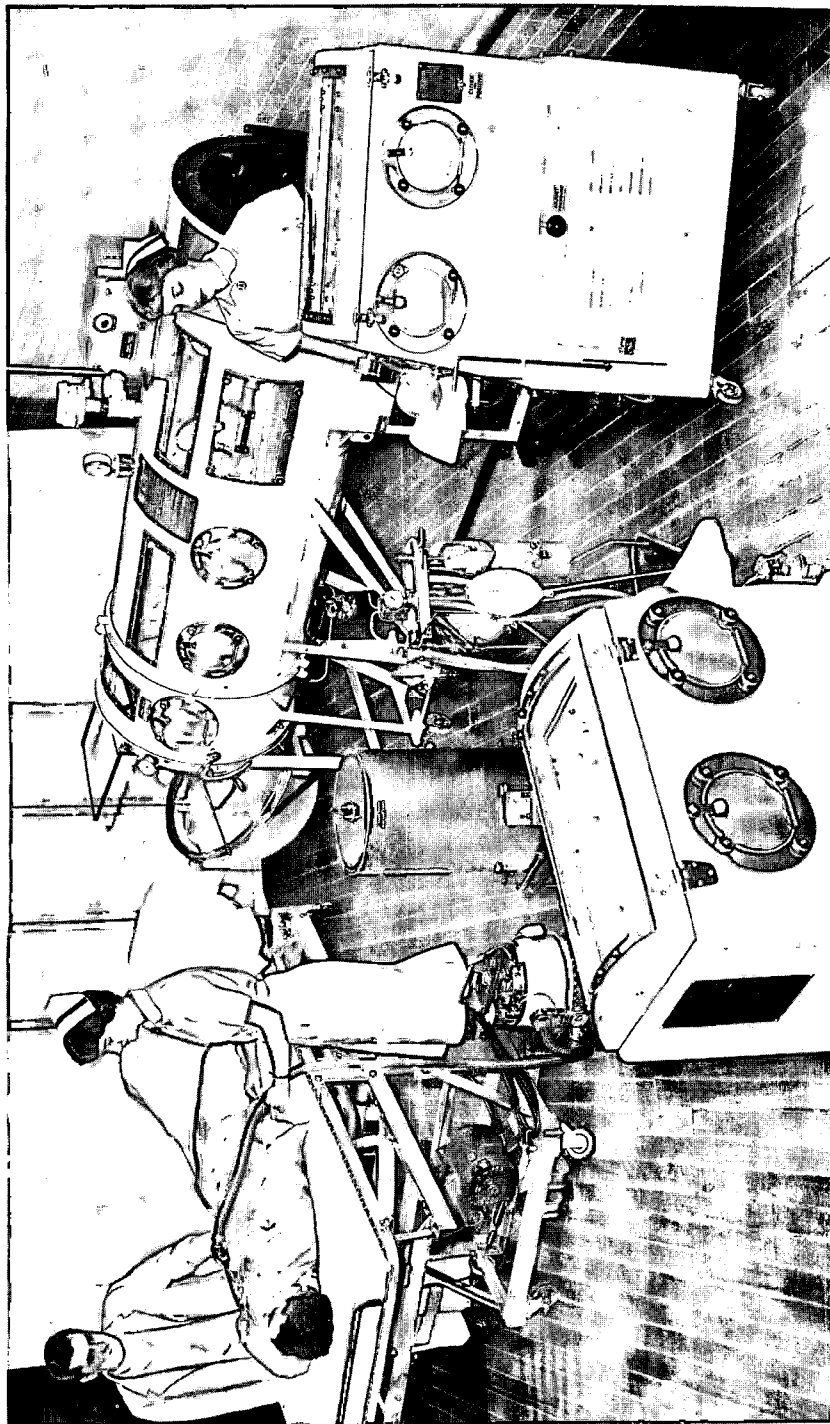
Mr. Roland Vigcant
Smithfield Ave. Congregational Church
Cranston Wanka Group
Mrs. Edward Chapin
Central Congregational Church, 4th Grade Sunday School
Mrs. Ervin G. Bissell
American Junior Red Cross sponsors:
 Gilbert Stuart Elementary School
 Jenkins Street School
 Willow Street School
 Ruggles Street School
 Newman Avenue School, Seekonk
 North Street School, Seekonk
 Pleasant Street School, Seekonk
 Monroe's Corners' School, Seekonk
Lt. Leonard Bloom Auxiliary #284
Windmill Street School Parent-Teacher Association
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Brownie Troops 163, 32, 132, 323, 156
Newman Congregational Church
Mr. William H. Payton
Mr. Chris Mercurio
Auction Theatre
Masters Lon and Neal Cerel
Mr. and Mrs. John Resnick
Mrs. Rita Cosentino
Miss Martha Aramian
Mrs. J. A. Walsh
Mount Pleasant Lions Club
Mrs. John Tenett
Mrs. Virginia Baron
Garden City Blue Birds
Mr. Raymond J. Hines
Mrs. Vito Patalano
Den #4 Barrington Cub Scouts
Queen Teens, St. George Convent
Ni Hi Sa Group
East Providence Senior Hi Tri
Miss Philomena Rossi
Mrs. Helen Fox
Girl Scout Troop #250
Mrs. Raymond Keefe



NEW FORMULA ROOM



NEW FORMULA ROOM



SOME OF THE EQUIPMENT DONATED BY PROVIDENCE JOURNAL CO.

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Mrs. A. Hogan
Mrs. Helen Lyons
Mrs. Pauline Gagnon
Mrs. Raymond West

OTHER

Mrs. Herbert L. McGraw, boxing gloves
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Mrs. James DiMaio, ice cream and cookies
Mrs. A. Howard, jewelry
Mrs. Pasquale D'Amico, jewelry
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Mrs. Lynden Small, puzzles
Mrs. Rosemary Levreault, radio
Mr. Charles W. Morgan, coat rack
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Pembroke College Womens' Glee Club, entertainment
Miss Roberta Mosley, piano concert
Mrs. Maida Walder, ukelele concert
Mr. Lou Lombardi, accordion concert
Miss Pauline E. Middleton and group
Mr. John Nicholas Trio, band music
Miami Trio, orchestral entertainment
"Les Gaiz Chanteurs" male chorus, concert
Ed Drew Orchestra, Christmas music
Providence Journal Co., equipment (see Superintendent's report)

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