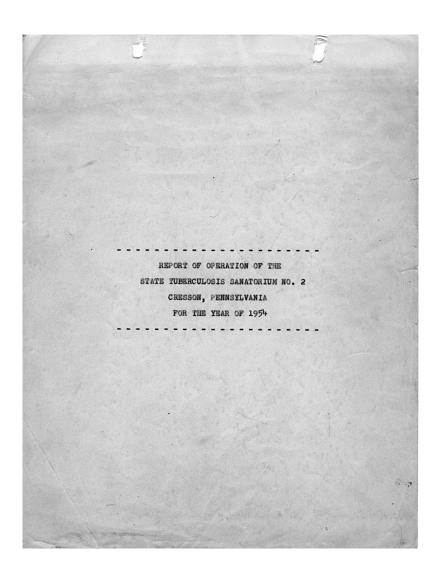
The Medical Director was required to submit monthly and yearly reports summarizing the operations of the Cresson Sanatorium. These reports were submitted to the Bureau of Tuberculosis Control in Harrisburg, Pa. Copies of five of these reports have been obtained. The reports have two basis sections: (1) a written section describing the activities of the staff and employees and (2) tables of statistical data concerning patient care and hospital operations. These reports are like time capsules giving us a glimpse into the people and activities at the sanatorium. As luck would have it, several of these reports were written in 1955 and 1956, the two years that I was a patient in the sanatorium and so I was there to witness some of these events .

## 1954 Yearly Report



M.C. Stayer, M.D., Director Bureau of Tuberculosis Control Harrisburg, Pennsylvania

Dear Doctor Stayer:

I have the honor to submit a report of operation of Cresson Sanatorium for the year of 1954:

#### A PPOINTMENTS

Charles E. Fawber, M.D., appointed to Medical Staff on January 1, 1954. Graduate of Hahnemann Medical College of Philadelphia. Doctor Fawber was in private practice in Altoona for twenty-six years before coming to Cresson Sanatorium.

Mr. Richard E. Acciavatti, of Mount Carmel, was appointed Director of Vocational Rehabilitation on February 16, 1954 on a part-time basis. He assumed work on a full-time schedule on the first of June. Mr. Acciavatti received his Masters Degree at the Penn State University of Pennsylvania, and is working toward a Ph.D.

Doctor Shan-Ho Ma was appointed to the Medical Staff on July 1, 1954. He received his medical degree from Chung Ching Medical College, China in 1944. He served as a flight surgeon with the Chinese Nationalist Air Force against the Japanese in the second World War. With the coming of the Communists, he made his way to Formosa and in 1951 continued to the United States. He enrolled at the University of Columbia where he took graduate work in public health, receiving a Masters Degree in 1952. Previous to coming to Cresson Sanatorium, he worked in the tuberculosis wards of the Montefiore Hospital, New York City, and the Cleveland City Hospital, Cleveland, Ohio.

Mr. Paul E. Jones, of Aspinwall, was appointed Director of Social Service on July 1, 1954. He received his Masters Degree in Social Service from the University of Pittsburgh in 1952. He was formerly employed as Director of Social Service at the Pittsburgh Tuberculosis Hospital.

Miss Shirley Painter, of Elkton, Virginia, was appointed Medical Record Librarian on November 1, 1954. She is a graduate of Maryland Medical Secretarial School, and received training in medical records at the Polyclinic Hospital, Harrisburg, and at Mont Alto Sanatorium.

Willis D. Hall, M.D., of Glen Campbell, was appointed Consultant Laryngologist on November 4, 1954.

#### RESIGNATIONS

Mrs. Ethel Wilharm, R.N., Assistant Director of Nurses, was, at her own request, transferred to Mont Alto Sanatorium on May 15, 1954.

Miss Marilyn Riehman, Caseworker in Social Service Department, resigned on June 15, 1954. She enrolled at Smith College for graduate work in Social Service.

#### MEETINGS

Whenever possible, members of the Medical Staff and supervisors of departments attended meetings throughout the year, pertaining to their particular line of work. It is believed that much benefit is derived from these meetings.

The Medical Director, members of the Medical Staff, and employes in key positions in other departments accepted invitations throughout the year to speak to organizations and groups in nearby towns.

#### INCIDENTAL FEATURES

The annual fund campaign for the American Red Cross was the most successful one in the history of the sanatorium. The soliciting was handled by office personnel, assisted by the heads of the various departments. Employes and patient-employes were a solid 100% in their donations. A total of \$1,016.22 was donated. Of this amount, \$384 was contributed by employes and \$110.92 by patient-employes, and \$61.32 by hospital bed-patients.

On the tenth of March, the Cresson High School held their Ninth Annual Career Conference. Four staff members were invited to speak to the students. The speakers were the Dietitian, X-ray Technician, Medical Social Worker and an Occupational Therapy Aide.

A representative of the American Hospital Association, Doctor W.R. Albus, visited the sanatorium on the fifth day of May for the purpose of conducting a survey for the Joint Commission on Accreditation of Hospitals. On the twenty-second of June, the Medical Director was advised by Doctor Edwin L. Crosby, Director of the Joint Commission, that Cresson Sanatorium had received FULL ACCREDITATION.

A group of ministers and their wives, of the Cove Ministerial Fellowship of the Church of the Brethren, met at the sanatorium Grace Chapel on May twenty-fourth, following a noon day luncheon at the Hoffman Hotel. Reverend Henry Lee Robison, Jr., Protestant Chaplain at the sanatorium, was the host. The group was escorted on a tour of the sanatorium following brief talks by various supervisors of departments in which they explained the functioning of the institution. A similar group of fifteen ministers from Blair County toured the sanatorium in September.

Two representatives of the American Federation of State, County and Municipal Employes, called on the Medical Director early in August, requesting permission to hold a meeting with sanatorium employes for the purpose of forming an organization. A meeting was held on August thirteenth. A very small group of employes remained at the close of the meeting to make application for a charter. Another meeting was held two weeks later when a few more employes signified their desire to join the organization. At the end of the year, the group that joined the organization remained small in number.

Mrs. Regina E. Bell, Laundry Manager, for the third consecutive year, was presented with a certificate for meritorius achievement in excellence of Laundering Methods and Plant Operation. The award was made at the Fall Laundry Conference held in Philadelphia.

Mr. William L. Fry and his Chief Engineer, Mr. Wilfred Bradley, of the Maintenance Department, were also awarded a certificate in recognition of outstanding accomplishment for excellence in Power Plant Operation and Efficiency of Fuel Utilization. The award was made at the

closing session of the Fall Conference of Engineers at State College.

The Medical Director took part on two television programs during the month of November. The first program was over the Altoona Station, WFBG, sponsored by the Hlair County Tuberculosis and Health Association, and the second program was over a Johnstown Station, WARD, and was sponsored by the Cambria County Tuberculosis and Health Society. The programs were devoted to the sale of the Tuberculosis Christmas Seals, and the benefits derived from the proceeds.

A Cresson Hospital Alumni Association was formed by a group of former patients on July twenty-ninth, the day of the Patients' Annual Picnic and Homecoming Day for former patients. The purpose of the organization is to be social, renew acquaintances, promote good will with the present patients and to meet at a reunion once a year. The first reunion was held the evening of October sixteenth at the Hoffman Hotel, Cresson with eighty-three former patients, sanatorium employes, and friends present at the dinner.

Doctor M.C. Stayer, Director of Bureau of Tuberculosis Control, his assistant, Doctor William Kraus, Miss
Alice M. O'Halloran, Director of Bureau of Public Health
Nursing, visited the sanatorium a number of times during
the year. Other visitors were Doctor Frederick R. Lang,
Medical Director of Hamburg Sanatorium, his Chief of Medical Service, Doctor Royal H. McCutcheon, his Business
Manager, Mr. Albert Kohnle, and Mr. Bruce Kurzweg, Rehabilitation Counselor. Mr. Clement J. Ziegler, Business Manager from State Sanatorium No. 4, Philadelphia, also visited
the sanatorium.

In addition to the above mentioned visitors, there were others too numerous to mention, such as representatives from the Department of Public Assistance, Social Security, Veterans Administration and other organizations. It has always been the policy at Cresson Sanatorium to welcome visitors, as it serves as a splendid opportunity to educate the public concerning the many problems entering into the treatment of the tuberculosis patient.

#### MEDICAL DEPARTMENT

#### Care of Patients

The patient census at the beginning of the year was 587 and a daily average of 583 was maintained during the year.

An interesting feature, in the admission of patients to the sanatorium, is the gradual increase in the age of the patient. In 1953, the average age for men admitted was forty-six years, and for women, thirty-five years. In 1954, the average for men was fifty years and for women, thirty-seven years. The average for both men and women in 1953 was forty-one years, and for 1954 it was forty-six years.

The treatment for tuberculosis during 1954 did not change from the previous few years. Nearly all the patients received chemotherapy and bed-rest, in addition to pneumoperitoneum and chest surgery when indicated. No cases of pneumothorax were instituted during the year, and only a very few phrenic interruptions were performed. Forty-four percent of all cases admitted were in an advanced stage of the disease. It is a coincidence that classification status for 1953 and 1954 show practically no change in the stage of disease of the patient admitted.

In the early part of the year, the second floor of Unit III was closed because of the existing number of vacant beds in that building and throughout the other hospital wards. New admissions have been taken care of without the re-opening of this section of the hospital. The closing of this floor has resulted in a very substantial saving in operating costs.

The year of 1954 saw a decided decrease in the number of patients leaving the sanatorium against medical advice or by desertion. This could be due to a number of factors, such as more intensive persuasion on the part of the doctors, and the fine team work of the Mursing Staff, Director of Social Service, Rehabilitation Counselor and the Director of Occupational Therapy. Some credit can also be given to the "Patient-Education" program started in April.

One of the highlights of the Patient-Education program is a fifteen minute weekly broadcast to hospital bed patients by staff members, employes from various de-

partments in the sanatorium, patient-employes and a few invited guest speakers. Doctors who have been on the program have explained the various treatment of tuber-culosis, and they also stressed the importance of the patient remaining in the sanatorium until he is discharged with medical consent. The Director of Nurses, Dietitian, Social Service Director, Rehabilitation Counselor, Occupational Therapist, X-ray Technician, Laboratory Technician, School Teachers and many others took part on the program throughout the year. Several of the invited guests were Miss Alice Graffius, R.N., District Supervisor of Public Health Nurses, and a representative from the Social Security Office.

The State Orthopedic Clinic for northern Cambria County was held at Cresson Sanatorium twice during 1954. Doctor F.E. Chamberlain, Chief of Crippled Children's Division, and his Assistant, Doctor Daniel Ritter, of Johnstown, were in charge of the Clinics.

#### Veterans

At the end of the year, fifty-nine veterans were under treatment at Cresson Sanatorium.

#### Out-Patient Department

Out-patients for diagnosis have been accepted at the request of the State Clinicians, and with the approval of the Director of Bureau of Tuberculosis Control. The patient remains for a period of ten days and if no active tuberculosis can be demonstrated, he is permitted to return to his home. His chart is not closed and he is requested to report for a second check-up in approximately six weeks or two months. Sputum and bronchial washings in patients negative for tubercle bacilli are also checked for malignancy.

#### Consulting Staff

Consultants in all branches of medicine and surgery were very cooperative throughout the year. Cresson Sanatorium is very fortunate to have such a well qualified and capable list of consultants.

We are sorry to report the death of Doctor Charles E. Hays, Consultant in Bronchoscopy, Ear, Nose and Throat work here for the past fourteen years.

#### Nearby General Hospitals

The Altoona and the Mercy Hospitals of Altoona have continued to give us splendid service in accepting emergency cases. We particularly wish to comment on the acceptance of so many free cases by the Altoona Hospital. The Conemaugh Valley Memorial Hospital of Johnstown has not been requested to take cases because of the distance from the sanatorium, but we do wish to express our thanks to them for keeping one of our orthopedic cases for the past nine months.

Concluding our review on the care of patients, the Medical Director would like to express his thanks and appreciation to all who have contributed to the operation of the sanatorium during the past year. It is impossible to go into detail concerning the work performed by the medical staff, the nursing staff, and all the other departments, but each one played a very important part in the care of the patient.

Sincere thanks is also extended to the Secretary of Health and to the Director of Bureau of Tuberculosis Control, and his assistants for their fine support and valuable aid throughout the year.

#### RELIGIOUS CARE

The spiritual welfare of the patients was taken care of by the two Chaplains, the Reverend Father Walter F. Byrne, and the Reverend Henry Lee Robison, Jr. Ambulant patients attended services in the Chapel, and hospital patients received bed-side spiritual attention from the two Chaplains.

#### SOCIAL SERVICE DEPARTMENT

The past twelve months were marked by several changes in the Social Service Department. Miss Marilyn Riehman resigned in June to enroll at Smith College for graduate work in Social Service. During her employment at Cresson Sanatorium, Miss Riehman performed her work in a very efficient manner and was well liked by the staff and the patients. The present Director, Mr. Paul E. Jones, came to Cresson on the first of July from the City Tuberculosis Hospital, Pittsburgh, where he had been employed for two years as a Casework Supervisor and Field Instructor for the University of Pittsburgh.

During the last six months of the year, there have been many new functions initiated by this department. They have all been pointed toward helping the patients make better and more appropriate use of Social Service and the hospital.

One of the new procedures is the attendance at weekly medical staff conferences by the Director of Social Service. With the Director present, the Medical Staff has available a psycho-social picture of the patient whose case is being presented.

The department has also become an integral part of the admission procedure. The patient and / or family members are interviewed on admission, a measure which helps us gain a better understanding of the person who is to be a patient for a relatively long period of time.

Another factor, which is significant to the department's development, has been the closer contact with community resources. Visits have been made to several of the State Clinics and problems have been exchanged with the Public Health Murses. These meetings have helped the cooperative effort which is so necessary if there is to be a continuity of contact with patients. Arrangements have been made with the Clinic Nurses whereby preparations for discharged patients are handled well in advance of the patient's departure from the hospital. This aids both the hospital and the patient's family to provide a smoother transition from hospital to community life. We would like to call attention to the excellent work being done by the Clinic Nurses in their contacts with the patients and the patients' families. Also, we would like to express our thanks to Miss Alice Graffius, Public Health Nursing Supervisor for her cooperation and help.

Other community resources contacted during the year included Department of Public Assistance; United Mine Workers of America; Family Service Agencies; Social Security Administration; Pennsylvania Tuberculosis and Health Societies; Veterans Administrations and Internal Revenue Department.

The Director gave talks to a number of visiting groups, including student nurses from general hospitals. He also attended many meetings, the most important one being held in Harrisburg on December twenty-eighth, with Doctor William Kraus as the moderator. This meeting was held for

the purpose of exchanging ideas as to how the total forces of all appropriate agencies could be focused on patients and their families.

It is felt that 1955 will bring about even more changes in the approach to patients' problems. It must be recognized that advances in case finding and in medical treatment change the social and economic aspects of illness. One of the real needs for the Social Service Department is for an additional caseworker.

#### REHABILITATION DEPARTMENT

The new Counselor of Vocational Rehabilitation, Mr. Richard E. Acciavatti, reported for duty on a part-time basis on February 16, 1954. He was still enrolled at the Pennsylvania State University until June 7, 1954, working for his Doctor's Degree. A vacancy in this position existed from September 7, 1953 until Mr. Acciavatti filled it on a full-time basis in June.

Upon assuming the position, he instituted a new rehabilitation program. The heart of the program is that of individual counseling of patients in the areas of life adjustment. With this in mind, the Counselor began to work for, and achieved, a close relationship between his department and the sanatorium staff members. Among the many services in this department are the following:

#### Rehabilitation Library

Occupational, vocational and educational information is available for patients who are interested in rehabilitation.

#### Psychological Testing

New program of psychological testing which covers all phases of life adjustment.

#### Counseling

New counseling program covers all phases of life adjustment, and not only vocational problems.

#### Employment Security Service

The Counselor has made a number of contacts with Employment Offices in order to set up an in-service cooperation.

#### Pennsylvania State University

The Rehabilitation Counselor and the medical department of the sanatorium work very closely with the University Health Service whereby the University receives reports from the sanatorium relative to medical feasibility, and other information on patients who plan to enter the University, or who are already enrolled.

#### Radio Broadcasts

Various subjects were discussed over the public address system to hospital bed-patients by Rehabilitation Staff members.

#### Rehabilitation Staff Meetings

The Counselor and the teachers meet once or twice a month to discuss total rehabilitation of students.

#### Public Relations

During the past year, the Counselor gave lectures to several professional and lay groups on the psychological aspects of rehabilitation, in addition to speaking to a number of groups visiting the sanatorium.

#### Change of Name for Sanatorium School

It was felt that the sanatorium school should be identified by having a name. With the approval of the Medical Director, the Department of Health, and the Department of Public Instruction, the name of "Carnegie School" was adopted.

#### OCCUPATIONAL THERAPY

The activities of the Occupational Therapy Department have leveled off to routine with normal fluctuation in attendance and activities to the individual groups of patients.

Progress records, for the individual patients have been inaugurated and are submitted on an average of every two months.

The staff of the Occupational Therapy Department has noticed some change in that they lost one permanent worker and gained another, as well as a number of frequent changes in the patient-workers. The Chief Occupational Therapist was forced to take an extended leave of absence due to illness.

### ADULT EDUCATION (Staff Members and Consultants)

Doctor Albert DeMatteis, Consultant Chest Surgeon, was enrolled in a Postgraduate Course - "The Measurement of Pulmonary Function in Health and Disease," sponsored by the Medical Schools of Harvard University, Tufts College, and Boston University, Boston, Massachusetts from March twenty-second to the twenty-sixth. The course was announced through the American Trudeau Society.

Secretarial Workshop, sponsored by National Secretaries Association and the University of Pittsburgh, at William Penn Hotel, Pittsburgh, May first. Attended by Miss Elizabeth Boyle, Institutional Secretary.

Six employes from the Maintenance Crew attended a welding demonstration at Punksutawney on May twenty-first. The Harvey Welding Service sponsored the demonstration which consisted of moving pictures, furnished by the Aluminum Company of America; Welding, Cutting and Brazing by Linde Company; and Electric Welding using Inert Cases.

Twenty-two Registered Nurses enrolled in September for a course in Psychology given by the Pennsylvania State University at the Cresson Sanatorium by Doctor Thevos. Nurses successfully completing the course will receive credits toward a degree.

Mr. Richard E. Acciavatti, Rehabilitation Counselor, and Miss Mary A. Mackereth, Teacher, enrolled in September for a graduate course in Public Health sponsored by the Pennsylvania State University. Doctor Arthur Davis is the instructor. Mr. Acciavatti will apply credits earned toward a Ph.D., and Miss Mackereth will apply her credits toward a Masters Degree.

Doctor Harry J. Treshler, Chief of Medical Service, attended a two-day postgraduate course in "Diseases of the Chest", sponsored by the American College of Chest Physicians and the Cleveland Society for Diseases of the Chest, on October twenty-seventh and twenty-eighth. The course was offered by the Frank E. Bunts Educational Institute, affiliated with the Cleveland Clinic Foundation.

Mr. James Billis, Chief Laboratory Technician, and Miss Velma Lattner, Technician, attended an educational program on blood typing technique, sponsored by the American Red Cross, at the Blood Center, Johnstown on September twenty-eighth.

#### NURSING DEPARTMENT

#### Staff Education

Graduate Nurses took every opportunity throughout the year to further their nursing education. A large number of educational moving pictures were shown.

Regularly scheduled Supervisor's Conferences were held by the Director of Nurses. She also met with groups of Registered and Practical Nurses in an effort to improve the nursing service.

Mention was made in another part of this report regarding the group of Registered Nurses who are enrolled in an extension course in Psychology given by the Pennsylvania State University.

#### New Service

A centralized patient transportation service was started at Cresson Sanatorium in January 1954, for the purpose of stepping up the efficiency of the Nursing Service, and limiting time lost by orderlies and aides by being out of their departments. The new department is located in a

central office in the West Wing and is staffed with two orderlies and one aide, transferred from the Nursing Department. The set-up is under the supervision of a Dispatcher who, because of her familiarity with the layout of the hospital, is able to evaluate the amount of time the personnel spends on each task. This service was extended to all departments and has proved most satisfactory.

#### Nurses! Aides

The Director of Murses conducted a course in "Nurses' Aide Duties" for the Aides which covered a minimum of sixty hours' classroom instruction and one year's ward experience.

#### Miscellaneous Items of Interest

A number of Registered Murses employed at the sanatorium assisted with the collection of blood when the American Red Cross Bloodmobile was stationed in Cresson and nearby towns.

Throughout the year, educational programs and tours of the sanatorium were conducted for groups of student nurses from nearby hospitals. The tours were under the direction of the Director of Nurses and Nursing Supervisors.

#### Social Activities

The Nurses' Social Committee sponsored on special occasions and holidays for the nursing staff and other staff personnel. These affairs were held in the recreation room in O'Halloran Hall.

A farewell party, sponsored by the Director of Murses and the Mursing Staff, was held in the recreation room of O'Halloran Hall on the evening of July thirteenth for Miss Bertha Graff, Practical Murse. A large number of the nursing and medical staff, and employes from other departments, were present at the party to pay honor to a nurse who had given approximately forty years of loyal and faithful service. Miss Graff came to the sanatorium as a patient in 1913.

#### ENTERTAINMENT FOR PATIENTS AND EMPLOYES

Variety shows, high school plays and orchestra concerts were presented frequently by nearby schools and organizations throughout the year for the entertainment of patients and employes. Orchestras appearing at the sanatorium were through the courtesy of the American Federation of Musicians.

Hospital bed patients enjoyed weekly programs broadcast over the sanatorium public address system. These programs were sponsored by the Cresson Patients' Association, and consisted of a Request Record Program, Telecast Program, and a fifteen minute weekly Patient-Education program. The "Skyline Review", a fifteen minute daily radio program, Monday through Friday, on WFBG (Gable Broadcasting Station) Altoona, devoted exclusively to Cresson Sanatorium, started in August 1952, was continued throughout the year.

In addition to the above programs, the hospital bed patients also had moving pictures shown in the wards during the late fall and winter months.

The patients held their annual picnic and homecoming day for former patients in July. The annual Halloween party for patients took place during the last week in October. They held their second Christmas party on December twenty-first.

#### Gifts for Patients

As heretofore, the Community Store donated generously throughout the year in many ways to the welfare and benefit of the patients.

The Reimold Fund was used for supplying clothing, eye glasses, dentures and other necessary articles for indigent patients.

The Pennsylvania Council of Protestant Church Women gave each patient a festive Christmas Stocking filled with small articles, such as wrapped candy, nuts, note pads, postage stamps, toothpaste, et cetera. This is the fourth successive year that the church women have remembered the patients in the State Sanatoria.

A number of County Tuberculosis and Health Societies sent gifts at Christmas and on special holidays to patients from their particular counties. Patients who are veterans were remembered many times during the year by American Legion and Veterans of Foreign Wars Organizations.

#### PENNSYLVANIA WEEK

"Pennsylvania Week" was observed at Cresson Sanatorium from October eleventh to the seventeenth inclusive.

The Occupational Therapy Department had a nice display of all types of craft projects made by the patients. Many of the articles were for sale.

Guides were available to conduct visitors on tours through the hospital and grounds. X-ray films depicting the various stages of tuberculosis and the different kinds of chest surgery and collapse therapy were on exhibition.

Entertainment for the week consisted of afternoon band concerts by high school students from nearby towns.

## MAINTENANCE AND OPERATION OF PHYSICAL PLANT

## New Projects Started in 1954

Work was started in September 1954, on a new concrete garage for employes. At the end of the year, not much progress had been made on the building due to bad weather.

# Projects Completed and Placed in Use in 1954

Two pre-fabricated cottages for medical staff personnel received final inspection on January twenty-second and were accepted by the General State Authority, and approved for occupancy.

Final inspection of the new Incinerator and Garbage Can Sterilizer took place on January eighteenth. The building was accepted and placed in service.

Re-roofing of the East Wing hospital was completed in June. The job was under contract and cost approximately \$19,000. It is estimated that this roof should last about fifty years.

#### Miscellaneous

Job conferences were held on an average of once a month during the past year. These conferences are attended by the Medical Director, Maintenance Engineer, Business Manager, Director of Nurses, House-keeper, Dietitian, Laundry Manager and Foremen. The purpose of the meetings is to report the progress of work being done and to plan proposed work. The conferences promote better understanding, closer cooperation, and the collective judgment of a group rather than the opinion of an individual.

Painters, carpenters, plumbers, electricians, steamfitters, machinists, mechanics and laborers accomplished a great amount of general maintenance and repair work which included the following:

New composition and tile floors, and repainting of offices in the Administration Building.

Meat, milk, fruit and kitchen storage coolers repainted with a special moisture proof enamel.

Interior and exterior of hospital buildings were repainted during the year.

A new hot water boiler was installed in the Mens' Dormitory during the early part of the year.

Machinists renewed a frost casing on one of the 85,000 gallon water storage tanks.

The Sanatorium Community Store was remodeled during the months of May and June. New counters and show cases were purchased to replace old and out-dated fixtures. The new fixtures have given the store a much larger floor working space, and the appearance is now that of a modern, up-to-date store. A considerable amount of the work, such as tearing out partitions, plumbing, painting, electrical work, et cetera, was done by the sanatorium maintenance crew.

#### Sale and Removal of Cottages

Ten cottages, formerly used by patients in Mens: Camp, were sold on bid during the latter part of the year, under the approval of the Department of Property and Supplies. The buyers removed the cottages from the grounds.

#### Fire Protection

The Fire Marshal endeavored to eliminate all fire hazards, and worked diligently to bring before all employes, safety rules for the prevention of fires. Pire plugs were flushed and fire extinguishers were recharged routinely and were kept in good condition throughout the year. Fire alarm tests were made weekly.

#### Civil Defense

With Civil Defense in mind, the Medical Director arranged with Mr. Max Bloomburg, Director of Civil Defense in Cambria County, for the showing of some excellent moving pictures to the sanatorium personnel during the month of August. The pictures were "One Plane, One Bomb, One City," "The Tale of Two Cities," and "What Yeu Should Know About Biological Werfare." Approximately three hundred employes saw the picture.

# New Equipment Placed in Use during 1954

Three Norris Milk Dispensers were installed during the early part of April in the patients' cafeteria, employes' cafeteria, and the staff kitchen. The noticeable advantages of the dispensers are the sanitary method of serving the milk, that the milk is consistently cold, and the convenience and time saved in serving.

This concludes our report of operation of Cresson Sanatorium for the year of 1954.

Respectfully submitted,

Harry W. Weest, M.D. Medical Director

HWW:ob

# STATE TUBERCULOSIS SANTORIUM CRESSON

Total . .

100%

Patients adm Patients rem								34 <b>,</b> 293 587
			PATI	ENTS ADM	ITTED			
Classificat	lon	Total	Male	Female	White	Black	Single	Marrie
Observation		134	102	32	122	12	36	98
Minimal	A	2	0	2	2	0	1	1
	В	26	10	16	24	2	13	13
	C	0						
Mod. Adv.	A	4	14	0	4	0	2	2
	В	101	68	33	87	14	28	73
	C	45	29	16	35	10	11	34
Far Adv.	A	6	4	2	6	0	0	6
	В	69	49	20	59	10	16	53
	C	158	120	38	132	26	37	121
	D	8	2	6	6	2	1	7
Total		553.	388	165	477	76	145	408

			PAT	TENTS	DISCH	IARGE	1		Total	Aver.
Classificat	tion	Total	M	F	W	В	S	М	Hosp. Days	Hosp.
No Evidence Clin. T. B.		74	52	22	70	4	23	51	9,657	131
Minimal	A	35	17	18	29	6	21	14	13,499	386
	В	6	3	3	6	0	4	2	286	48
	C	0								
Mod. Adv.	A	159	101	58	136	23	41	118	83,997	529
	В	32	23	9	31	1	6	26	3,988	125
	C	6	14	2	5	1	1	5	373	63
	D	1	1	0	1	0	0	1	14	.14
Far Adv.	A	141	93	48	119	22	35	106	107,001	759
	В	29	21	8	25	4	7	22	8,379	289
1	C	13	11	2	12	1	2	11	3,577	276
	D	140	33	7	37	3	9	31	25,739	644
Other Diagnoses		-532	26	6	30	2	4	28	1,380	1414
Total		568	385	183	501	67	153-	415	257,890	455

# REASONS FOR DISCHARGE

With Consent	342 60 %
Against Advice	84 15 %
Transferred to another hospital	30 5 %
Failed to return from Leave of Absence	21 4 %
Dismissed	2 0.5 %
Deserted	39 7 %
Died	45 8 %
Died while on Leave of Absence	5 0.5 %
Total	568 100 %

Classification on admission or after

30 days obse	TV	ation	No			Minis	nal	Clas	od. A	iv.	on Di		Adv.	-	
		Total	Clin. T. B.	Other Diag.	A	В	С	A	В	c	A	В	c	D	Die
Observation		105	69	29	1										6
Minimal	A	5			5										
	В	21		1	15	5									
	c	0													
Mod. Adv.	A	9			1			8							
	В	122			8			88	26						
	c	62			4			1414	4	6	1				3
Far Adv.	A	9						2	3		7				
	В	63						7	1		38	13		1	3
	C	165			2			10	1		94	16	13	2	27
	D	6													6
Undetermined		1		1											
Total		568	69	31	36	5		159	32	6	140	29	13	3	45

Classificat		Total	Inactive	ONDITION ON Arrested	Ac	Unimp.		1. T.B. Unimp.	Died	Activity Undetermined
No Evidence Clin. T. B.		75					59	14	2	
Minimal	A	35	1	31	1					. 2
	В	6			2	2				2
	С	0								7
Mod. Adv.	A	159	8	131	18	1				1
	В	.32		1	24	7				
	c	6			3	3				
	D	1							1	
Far Adv.	A	141	6	111	23				1	
	В	29		1	25	3				
	C	13			7	6				
	D	40			1	2			37	
Other Diagnoses		31					8	19	4	
Total		568	15	275	104	24	67	33	45	5
Inactive .				- 3%		No Cli	n. T.E	. Improv	red	12%
Arrested .				. 48%		No Clin	. T. E	. Unimpr	oved .	6%
Active Impr	roved			. 18%		Died .				8%
Active Unin	prove	ed		4%		Activit	y Unde	termined	i	1%

# PATIENTS ADMITTED BY COUNTIES

Adams 0	Lackawanna 1
Allegheny 89	Lancaster 0
Armstrong 13	Lawrence 23
Beaver 18	Lebanon 0
Bedford 7	Lehigh 0
Berks 0	Luzerne 2
Blair 33	Lycoming 1
Bradford 6	Luzerne
Bucks 0	Mercer 20
Butler 12	Mifflin 6
Cambria 51	Monroe 0
Cameron 2	Montgomery 0
Carbon 1	
Centre 4	
Clarion 1	
Clearfield 19	Philadelphia 0
Clinton 9	Pike 0
Columbia 0	Potter
Crawford 12	Schuylkill 0
Cumberland 0	Snyder 0
Dauphin 1	Somerset
Delaware 1	Sullivan 0
Elk 11	Susquehanna 0
Erie 12	Tioga 7
Fayette 29	Tioga
Forest 0	Venango 9
Franklin 0	Warren 3
Fulton 0	Washington 53
Greene 3	Wayne 0
Greene	
Indiana	
	Wyoming 0
	York 0
Juniata 1	

Total . . . . . 553

# PATIENTS DISCHARGED BY COUNTIES

Adams									0	Lackawanna					
Allegheny									114	Lancaster					
Armstrong										Lawrence					.13
Beaver .									15	Lebanon					. 0
Bedford .									5	Lehigh					. 0
Berks										Luzerne					. 7
Blair									32	Lycoming					
Bradford										McKean					. 9
Bucks										Mercer					
Butler .									13	Mifflin					
Cambria .										Monroe					
Cameron .										Montgomery					
									1	Montour					
Centre .									8	Northampton .					
Chester .									0	Northumberland					. 1
Clarion .										Perry					. 1
Clearfiel										Philadelphia .					. 7
Clinton .	0.77		77.1	 0.00	-		11.	0.70		Pike					
Columbia									0	Potter					
Crawford										Schuylkill					
Cumberlan										Snyder					. 1
Dauphin .										Somerset					.11
Delaware										Sullivan					
Elk									12	Susquehanna .					
Erie										Tioga					. 6
Fayette .										Union					
Forest .										Venango					
Franklin										Warren					
									0	Washington					
Programme Technology Co.	-			7750	0.57	-		0.5		Wayne					
Huntingdo	 -	-	_		-	-		-		westmoreland .					
Indiana .										Wyoming					
Jefferson									14	York					
Juniata .					2.7	-				2022		•	•	•	

Total . . . 568

# PATIENTS REMAINING DECEMBER 31, 1954 - BY COUNTIES

Adams									Į,	0	Lackawanna 2	
Allegheny .	•	•	•	•	•	•	•	•	•	113	Lancaster 0	
Armstrong .	•	•	•	•	•	•	•	•	•	15	Lawrence 19	
Beaver	•	•	•	•	•	•	•	•	•	16	Lebanon 1	
Bedford		•	•	•	•	•	•	•	•			
Bedford Berks		•			•	•	•	•		0	Lehigh 0	
Berks					•			•		0	Luzerne	
Blair										34	Lycoming	
Bradford .												
Bucks	•				٠	٠		•		0	Mercer 21	
Butler											Mifflin 5 Monroe 0	
Cambria												
Cameron											Montgomery 1	
Carbon										1	Montour 0	
Centre										2	Northampton 0	
Chester										0	Northumberland 1	
Clarion										1	Perry	
Clearfield										14	Philadelphia 5	
Clinton												
Columbia .										0	Potter 2	
Crawford .											Schuylkill 0	
Cumberland											Snyder 0 Somerset 6	
Dauphin										2	Somerset 6	
Delaware .						1			-	0 2 28	Sullivan 0	
Elk										8	Guganahanna	
Erie											Tioga 5	
Fayette											Tioga	
Forest											Venango 9	
Franklin .											Venango	
Fulton											Warren	
											Washington 58	
Greene											Wayne	
Huntingdon		•					•			9		
Indiana						٠				12	Wyoming O	
Jefferson .										6	York 0	
Juniata										1		

Total . . . 587

# IMMEDIATE CAUSES OF DEATH

Pulmonar	уТ	ube	erc	ul	osi	s																				30	
Pulmonar	уп	emo	OFI	na	ge	•					•			•				•								14	
Hepatiti	5 W	161	1 4	au	101	ce					•		•				•	•			•					1	
Cor Pulm	Bno	Te	•				-							•				:								1	
Pulmonar	уТ	upe	arc	ul	051	.5,	St	a	cus	1	0	St	Th	OI	ac	op	la	st	У	an	a						
Cav	ern	OST	COL	ıy .	•		• •					• •														1	
Cerebral	He	mon	.L.	age	9 0	lue	to	) }	ul	mo	on	ary	T	ul	er	cu	10	si	S							1 1 1 1 1 1	25.
Cardiac	Fai	lui	re																							1	
Arterio-	SCI	er	oti	c l	lea	rt	Di	SE	eas	se	81	nd	Co	L	Pu	Lm	on	al	9							1	
Pulmonar	y T	ube	er.c	ul	osi	S	and		int	:0:	st:	na	1	Tu	ibe	rc	ul	os	is							1	
Cardio-R	ena	1 1	ai	lu	ce.	Wi	th	Pt	ılu	or	al	·y	Fi	br	os	is										1	
Chronic	Gra	nu.	Lon	ato	ous	I	nfl	.an	nma	tt	O	1 0	of	Bo	th	U	gg	er	L	ob	es					1	
Chronic .	Myo	car	cdi	ti	3 .																					1	
Pulmonar	y E	der	na	due	e t	0 (	Cor	·	ul	mo	one	916	9													1	
								IF				-			Tel.				- 5	-	-	- 6					-
																										45	
				C	INC	RI	BUT	AF	X	CI	AUS	SES	0	F	DE	AT	H										
Pulmonar	v T	ube	arc	nlo	si	S								1 12										12	31	5	
Myocardi	tis															•		•		•	•			•		111111111111111111111111111111111111111	
Chronic	Myo	CAT	ed t	t.1		nd	Ne	mk	177.1	+ 3			•	•		•	Ů	•	•	•	•	•	•	•	•	1	
Cor Pulm	ona	le		hre	mi	0	200	121	00	0	101	100	at	10		of	T	10	079	•	•	•	•	•	•	7	
Diabetes	Ma	111	+11	100	****		-				,	160	,50		122	01	14	TA	er.		•	•	•	•		7	
Right Hy	Are	20226	31777	int!	202		•	•		•		•	•	•	•		•	•	•	•	•		•			1	
Darioand	107	174	200	e i	TOT	av	•	•		•			•	•	•	•		•	•	•	•					7	
Pericard	Tet	24	11	STO	744	-	·			:				- 1												1	
Spontane	ous	00	377	ap:	36	OI	Lu	me	,5,		31.	Lat	er.	al	Ly	,	Pu	TIM	on	ar	У	FI	Dr	os	15	1	
Parenchy	mat	out	5 0	ege	ene	ra	010	n	OI	-	111	er	,	St	at	us	P	os	t.	Ga	st	ro	Je	Ju	n-		
ostom	У,	OTO	15	Pai	.en	cn	yma	tto	ous	0	ie	gen	er	at	10	n	OI	K	1d	ne	ys					1	
Anthraco Arter	ios	cle	ero	si	eu	Con	sis	ar	Br	Se	cle	nog	en	10	C	ar	ci	no	ma lo	; us	Ge I.	ne	ra	11	zed	1	
denit	15:	CE	arc	inc	oma	0	f L	11	er										-	-	ũ					1	
Right Py	O-P	net	ımo	the	ora	× .	P11	10	non	187	v	En	mh	VS	em	8	an	a.	Ed	om	٥.	T.	ef.	+	•	î	
Lobar Pn	eum	on	a	(T)	be	rei	olo	1725	4 .	F	201	ttv	M	et	am	or	nh	08	10	0	6,	T.4	TO		•	*	
Chron	10	Pas	igi	VA	Co	nge	ast	30	m'	01	p (	in I	00	n	on	A	K4	dn	ATE		17	do	mo	٠,			
secon	der	w 1	0	Ric	pht	2	ide	d	Ha	97		D.	47	1177	041		UT.	un	ey	0,	D	ue	ше	,		1	
		9		****	3-10		Luc	-	110	CA.L		1.0		CEL		•	•	•	•	•	•	•	•	•	•	-	
									AU	TC	PE	SIE	S													-	
Men							٠																			1	1
Laman													310				27			10			55.0	N. P.	3 1		
Women .	• •	•	•	• •		•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		-	3
		-		225																							4
Percenta	ge	of	Au	to	31	es																				3	1%

# STAFF CONFERENCES

Number	of medical conferences	h	el	1 .											53
Number	of cases discussed		•	,	•		•								3,075
Recomm	endations:											0			
	Bronchoscopy	•			•	٠	•	•		•		8	_		
	Pneumoperitoneum .	•	•					•		•	•	22	210		
	Phrenic Nerve Crush												9		
	Thoracoplasty	•	•	•	٠	•	•	٠	•	•	•		L		
With C	hest Surgeon -														1
na var o															
Dr. Del	Matteis														
Number	of surgical conference of cases discussed	8	he:	Ld											.33
															518
Recomm	endations:														
	Bronchoscopy											1			
	Bronchogram									٠		2	2		
	Pneumoperitoneum .												7		
	Thoracoplasty											2	5		
	Decortication												5		
	Lobectomy				٠							1	7		
	Pneumonectomy						•						2		
	Segmental Resection					•				•		1	L		
	Right Surgery											1	+		
	Left Surgery					•							9		
	Cavernostomy												L		
	Bilateral Surgery .								٠	•			2		
	Phrenic Nerve Crush												L		
	Tubal Drainage												L		
	Lung Biopsy											3	L		
	Esophagoscopy											1	91211111		
	Polystan Plombage											-	L	à	
	Plumbage												3		
	Right Revision and	Th	ir	1 1	St	age	3	The	ore	ac	-0				
	ml nefve														

# LABORATORY REPORT

Sputum Examinat	tions						
Positive Sputums							2,752
Positive Sputums							10,871
							13.023
Smears for Tubercle Bacilli							20,767
Concentrations							7.033
Cultures for Tubercle Bacilli							2,319
Cultures for Secondary Organisms Cultures for Fungi							29
Cultures for Fungi							23
Smears for Secondary Organisms						•	29
Smears for Fungi							23 72
Smears for cancer cells						٠.	12
Urine							
Routine Examinations	20 0 000		1		2 752	-	2,874
Routine Microscopicals	• • •	• •	: :	• •	: :	•	1,383
Test for Sugar	• • •	• •	• •		•	•	3,085
Test for Acetone		•	•			•	3,066
Smears for Tubercle Bacilli		: :	: :	: :	: :	•	31
Smears for Secondary Organisms							21
Cultures for Tubercle Bacilli		: :	: :		: :		31
Cultures for Tubercle Bacilli Cultures for Secondary Organisms			: :	: :	: :		31
		-		-			
Pleural Fluid	ds						
Smears for Tubercle Bacilli							194
Smears for Secondary Organisms							35
Cultures for Tubercle Bacilli							143
Cultures for Secondary Organisms							35
Smears for Fungi							2 2
Cultures for Fungi							2
Smears for Cancer Cells							1
Gastric Conte							
Negative Smears for Tubercle Bacilli							253
Positive Smears for Tubercle Bacilli							0
Negative Cultures for Tubercle Bacill	1						252
Positive Cultures for Tubercle Bacill	1						1
Feces							
Smears for Tubercle Bacilli Cultures for Tubercle Bacilli							1
Cultures for Tubercle Bacilli							1
Feces for Other Organisms							4

(Continued)

# LABORATORY REPORT (CONT'D)

Blood							
Red Blood Counts							982
White Blood Counts							946
Hemoglobin							1,120
Differential Counts							866
Coagulation Time							133
Bleeding Time							128
Sedimentation Rates							694
Blood Sugars							868
Kahn Tests							618
Blood Ureas							232
Blood Typing							638
Blood Rh Typing							638
Cross Matching							435
Hematocrit							174
Total Protein							142
Serum Albumin		•	•	•		•	42
Serum Globulin		•	•	•	•	•	42
Phenolsuphonephthalein Tests		• •	•	• •	•	•	45
Bromsulphalein Tests	•	٠.	•	• •	•	•	75
Icterus Index	•	• •	•	• •		•	15
Cephalin Flocculation Tests	•	٠.	•	٠.		•	14
Blood Urea Nitrogen	•	٠.	•	٠.	•	•	
Non Protein Nitrogen	•		•				1
Non Protein Nitrogen	•	• •	•	• •	•		1
wantase (serum test)	•	٠.	•		•	•	1
Miscellaneous							
Milk Plated for Bacteria				21 12			159
Tests for Butterfat		• •	•	• •	•	•	36
Vital Capacities	•	• •	•	• •	•	•	91
Basal Metabolism Rate		• •	•		•	•	24
Gastric Contents for HCL			•	٠.	•	•	1
Gastric Analysis	•		•	• •	•	•	i
Feces examined for Ova and Parasites	•	٠.	•			•	î
Feces examined for Occult Blood	•		•		•	•	14
Rectal Papillae for Pathological Examination			•	• •	•	•	1
Vaginal Secretion (Swab) for Trichomonas Vag	·inn	140	•		•	•	1
	And the second						2
Secondary Organisms	+	• •		• •		•	-
Organisms	tes	SILL	1 5	sco	nae	ary	1
Vaginal Specimen for Gonococcus and Trichomo							
Crinel Pluid for Suborele Partili	mas	Va	gin	BIL	S		3
Spinal Fluid for Tubercle Bacilli Spinal Fluid for Cell Counts				• •	•	•	4
Spinal Fluid for Curer	•					•	2
Spinal Fluid for Sugar			•	٠.		•	1
Spinal Fluid for Protein			•				1
Spinal Fluid (Quantitative Albumin)							1
Spinal Fluid - Globulin							1
Spinal Fluid cultured for Secondary Organism	IS		Se.				1

(Continued)

# LABORATORY REPORT (CONT'D)

Tissue for Pathological Examination sent to Altoona Hospital	36
Autopsy specimen for Pathological Examination to Altoona Hospital	1
Abdominal fluid for secondary organisms	2
Biopsy for CA	1
Vomitus examined for Red Cells and Leucocytes	1
Mosenthal Test	2
Bence-Jones Test (Urine)	1
Clot Retraction Time	1
Water Cultures	4
Saline Solution culture	1
Cultures of Surgical Material for Sterility	1
Cervical left node examined for tubercle bacilli	1
Fluid from boil for secondary organisms	. 1
Fluid from cyst under right arm for Tubercle Bacilli and Secondar	V
Organisms	2
Hydrocele fluid for Secondary Organisms	1
Pus Abscess on back of hip for Secondary Organisms	1
Secretion from Tracheotomy Tube for Secondary Organisms	2
Throat Smears examined for Secondary Organisms	1
SwabDrainage from Thoraco Incision for Secondary Organisms	1
Swab from ear for Secondary Organisms	1
SwabDrainage from left chest wound for Tubercle Bacilli and	
Secondary Organisms	3
SwabDrainage from Right Buttocks for Secondary Organisms and fu	ngi-
Swabe-Drainage from Abscess on back for Secondary Organisms	
SwabDrainage from Ulcer on leg for Tubercle Bacilli and Other	
Organisms	7
SwabDrainage from Right Thoracotomy for Secondary Organisms	7

# STATE TUBERCULOSIS SANATORIUM CRESSON

# REPORT OF CLINICS

									D	en	ta	1														
Examinations Extractions																										499
Extractions																										758
Fillings:																										300
Amalgam																										241
Porcela	in																									43
Cement	Ba	se																								3
Treatments .																										1,301
Prophylaxis																						1	I			35
Denture Adju	st	me	nt							1									-	1			· Č	1		138
Re-Base														1	1		Ō		•	•	·	•		•		1
Try-In		٠.	٠.	٠.							•	Ţ					•	•	•	•	•	•	•	•	•	42
Impressions						- 1					•			•	•	•	•	•	•	•	•	•	•	•	•	94
Bite	1						•			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	108
Dentures	•		•	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	144
Denture Repa	1 72	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•			•	•	
Cement Facin	2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			•			•	•		•	11
V-morre	5	•	•	•		•	•	•	•		•	•	•	•	•	•	•			•			•			. 4
X-rays Partial Dent	•	. :	•	•	•			•		•		٠	•	•	٠				•				•			136
Parcial Deur	ur	9 5		•	•		•	•			•	•		•	•	٠	•	•	•	•		•				0
						-		-		_	-			42.45												
Todalas Decem					- 3	Ea	г,	N	os	e	an	a ;	ľ'n.	CO	at											
Initial Exami	ın	at.	10	ns		•												٠								466
Repeat Exami	na	CL	on	S	•	•		•		•																357
Treatments:																										
Throat		•	•	•	•				٠	٠			•		٠											427
Ear																										1,262
Ear Nose .																										1,160
Refractions										E	ye															
Refractions																										120
WOM GTOSSOS T	10.	-6	це		o u		•															-				97
Glasses Repai	r	ed																								2
Glasses Repairments .																										13
														1-71		1.5										
								0	rt	ho	pe	die	C													
Examinations								-	-	-		-														305
						124	- 0	2.5	27.0	- 5	7	1.75	-		-	-	r.									347
								Gv	ne	co	lo	710	ca'	Ĺ												
Examinations										-		-	-	-			Ų.	-								68
		7	-	-	100	-5	- 7	0.5		-	-		•	-	•	•	•	•	•	•	•	*	•	•		00
									- 4	1.1	J.															
Examinations				12		1		-		40.	*		756			00										183
211011111111111111111111111111111111111	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	•	103
									Sui		10	0.7														
Examinations								1	3 al	· B	TE	<u>aT</u>														
DY GHITTIG OT OILS	•	•	•	•	•	•	•	•	•		•	•	•					•			•					13
								The			. 7															
Examinations								P'.	roc	260	OT	95.	7													
Eventua crous			•						•	•	•			•												257
								70		-1-1																
Prominett								P	syc	en:	La	Lr:	LC													14
Examinations																										1

# REPORT OF CLINICS (Cont'd)

Patient Clinic Report	
Pneumoperitoneum Induced, Intial Patients	2
Pneumoperitoneum Patients	
Pneumoperitoneum Refills	
Pneumoperitoneum Out Patients	
Pneumoperitoneum Out Patient Refills	
	1
Artificial Pneumothorax Patients	0
Artificial Pneumothorax Refills	
Artificial Pneumothorax Out Patients	3
	4
Aspirations:	
Chest	
Intrapleural	6
Air Abscesses Abdominal	7
Abscesses	9
Abdominal	1
Axilla	ī
Intrapleural Instillations	1
Intrapleural Instillations	
Intrapleural Injections:	
Penicillin	0
Saline	
	3
Furacin	5
	0
Methylene Blue	1
Azochloramid	
Cod Liver Oil	3
Furacin Packings	4
Furacin Dressings	2
Tryptar Packings	5
Intramuscular Injections: Liver Extract	
Liver Extract	2
Penicillin	0
Synkayvite	
Crysticillin	
Betalin	
Vitamin B <sub>12</sub>	2
Cod Liver Oil	J.C
Ray-Formosil	2
Streptomycin	2
Streptomycin	1
Coramine	2
Thiamine	2
Wydase	6
Coramine	7
Dressings	4
Blood Transfusions	9
Intravenous Injections:	ă.
Glucose and Saline	0
	2
Travamin	5
	7
	1

# REPORT OF CLINICS (Cont'd)

	Pa	ti	ent	; (	CL	in	ic	R	ep	or	t	(C	on	t.	(£				
Gastric Lavage																			253
Mantoux Skin Tests					٠		٠									٠			300
Histoplasmin Tests																			149
Coccidioidin Testa																			132
Light Therapy																			1,382
Tryptar Aerosol .			٠																362
Streptomycin Aeros	sol																		C
Penicillin Aerosol																			293
Streptomycin Powde	r	to	St	r	gi	ca.	1	WO	un	d	•	٠							1
Spinal Punctures .																			3

Patients	receiving	artificial	pneumothorax	on	disc	hai	rge		(
Patients	receiving	pneumoperi	toneum on dis	char	ge .				112

# EMPLOYEES DISPENSARY

Minor Surgery					•			•					•	•	8
ressings					•				•	•					133
Throat Treatments				•			•		•						69
Nose Treatments .							•					•			62
Ear Treatments .															14
Eye Treatments .															15
Physical Examinat	10	ns													139
Miscellaneous															329

# X-RAY DEPARTMENT

Patients x-rayed on 14 x 17 3,464
Employees x-rayed on 14 x 17
Out Patients x-rayed on 14 x 17
Patients x-rayed on 70 mm film 360
Employees x-rayed on 70 mm film
Out Patients x-rayed on 70 mm film 106
Films used - 14 x 17
Films used - 10 x 12
Films used - 2-11/16 x 6-1/2
Photographic copies of x-rays 4,912
Electrocardiograms
Kodachrome Slides
Fluoroscopic Report:
Men
Women
Total 8.929

# SURGERY

Pneumonecto	my		•						٠	•															14
Lobectomy .				•	٠				٠																
Decorticati	on			•	•				٠	٠,			٠				•					•		•	10
Segmental R	es	ect	:10	on.	•				٠				•		٠			٠							
Extra Perio	st	eal	. 1	,07	у	st	an	PI	Lon	ıba	age	9													5
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Partial Tho	ra	con	18	ast	y																				2
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Thoracotomy	a	nd	Ex	180	1775	at:	lor	. 1	len	10-	(11)	207	• • •		•	•	•	•	•	•	•	•	•	•	11212121
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Thoracotomy Phrenic Ner	VA	CY	1325	h		-	-	.01	,53		•	•	•	•	•	•	•				•	•		•	11
Bronchoscop	v	0.1	-		•	•	•	•	•	•		•	•		•	•	•	•	•	•	•		•		207
Esophagosco	3	•	•		•	•		•	•	•	•	•	•	•	•	•	•	•		•	•	•		•	207
Bronchoznem	PA	•	*		•		•	•	•	•	•	•	•		•	•				•				•	2
Bronchogram	00	T.	•	•	•	•		•			•	•	•		•	•		٠		•		٠		•	1
Amputation	III	1 10 1	6	•	•	•	•	•				•	•	٠	•		•	•		•	•				1
Boneplating	1	TDI	.a				•	•		•					•	•		•			٠		•	•	1
Body Cast .	.:		•		•	•	•	•	•	•		٠	•								٠				1
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Face .																									1
Temple																									1
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# SOCIAL SERVICE DEPARTMENT

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		2.	Mars	ses	•	• •		•	•	•	•		•			•								328	
		3.	Admi	nistra	tio		•	•	•	•	•	•		•		•	•	•		٠			•	246	
		4.	Stat	e Clir	ies		•		•	•	•	•	•	•	•	•	•	•		•	•			116	
		5.	Soci	al Age	nei	98	•	•	•	•	•	•	•	•	•	•	•	•	•					62	
		6.	Pati	ents .				:	:	•	•	•	•	•	•	•	•	•	•	•	•			359	
		7.	Admi	ssion			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			265	
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		3.	DISC	harge	Plan	nni	ng																	350	
			Hank	stment	to	11	In	es	s				•	•					٠	•				252	
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	٧.	Work	er's	Activi	ty																				
		A.	Pers	conal C	onte	act	S																2	.513	
			1.	Patie	nts																		1	,305	
			2.	Famil	у .																			220	
			3.	Physi	ciar	18																		349	
			4.	Nurse	S .																			417	
			5.	Other	Sta	aff		•				•												205	
			6.	Lectu	res	to	p	at:	Lei	its	з,	Sa	ana	ato	ori	lun	1 6	r	oup	s,	0	uts	id	e 17	
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			3.	Phone	Cal	18						•		•	•	•	•		•	•	•			376	
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													77	10	2	100	-	100	SEC.		E 1	•		07	

# SOCIAL SERVICE DEPARTMENT (Cont'd)

c.		Organizations	working	with	Department
	during year				
	1 Pamily	and Childmants	Acanata		

	ramity and Children's agencies						74
2.	Public Assistance Boards						99
3.	State Clinics						69
4.	Tuberculosis Societies						12
5.	Other Health Agencies						141
6.	Veterans Administration						65
7.	Social Security						12
8.	United Mine Workers of America	350	13		1/3	18	21

# OCCUPATIONAL THERAPY DEPARTMENT Total number who received Occupational Therapy . . . . . . 609 Total number discharged during year . . . . . Total number deferred during year . . . . . Total number inactive during year . . . . . . 403 119 Total at end of year . . . . 206 Average number receiving bedside C.T. per month: Male . . 101 Female . . 89 Average number receiving shop O.T. per month: Male . 28 Female 15 Monthly average receiving Occupational Therapy . . . . 234 Total number of contacts per month: Bedside . . . . . Shop . . STAFF Registered Occupational Therapist . . . Occupational Therapy Aides . . . . .

# REHABILITATION DEPARTMENT

I.	Stat	stical Count	
	A.	Summary (Rehabilitation Counseling)	
		1. Cases carried forward from last year	(
		2. New referrals	192
		3. Re-opened cases	í
		4. Cases completed and processed	148
		5. Carried forward for next year	55
	в.	Psychological Testing	
		1. Patients tested	73
		2. Tests Administered	
		a. Intelligence	5
		b. Interest	532
		c. Special Aptitude	3
		d Parsonel the	21
		d. Personality	29
		e. 100al	147
II.	San	torium Educational Activities	
	Α.	Commercial Teacher Load	
		1. No. students on roll first of year	70
		2. No. new students during year	28
		3. Total no. students on roll during year	20
		4. No. students discontinuing during year	7
		5. No. students on roll end of year	20
		5. No. students on roll end of year	15
	В.	Academic Teacher Load	
		1. No. students on roll first of year	15
		2. No. new students during year	26
		3. Total no. students on roll during year	25
		4. No. students discontinuing during year	71
		4. No. students discontinuing during year	25
		5. No. students on roll end of year	15
	c.	Total students enrolled (Commercial and Academic) .	83
III.	Co	nselor's Activities	
	A.		666
	В.	Correspondence	300
		1. In	50
			161
	c.		
	0.	Commercial and Death Motivals	373

(Continued)

### REHABILITATION DEPARTMENT (Cont'd)

	Rehabilitation Department Meetings	5
E.	Consultations with Bureau of Rehabilitation Counselor	17 (days)
F.	Referrals to Bureau of Rehabilitation	67
G.	Lectures to patients, sanatorium groups, outside	14
	Psychological Reports	23
I.	Psychological Testing	see above
J.	Attendance at Medical and Surgical Staff Conferences	18

Note: The Counselor began full time duty on June 7, 1954. Therefore, no organized rehabilitation program existed prior to that date.

# REHABILITATION EXERCISE

Telephone	OF	er	at	cor	s																					4	
Reception	ist	S																								2	
Junior Cl	erk	S																								9	
Movie Ope	rat	O																								1	
Librarian																											
Laborator																										2	
Practical																										14	
X-ray Hel																										2	
Occupatio																										7	3
Ward Atte	nds	mt	28				-																			13	
Thousand	*****	***		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		21	
Traymen .																											1.5
Chauffeur						•	٠							•	•											1	
Engineman	A																									1	
Enginemen	B																									4	
Elevator	Ope	era	ato	or																						1	
Electrici																											
Assistant																											
Community																											
News Boys																											
Postal Cl																											
Loscar CI	. 41	713	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		-
																										0.0	

(82 is the average for the Year of 1954.)

# COMMUNITY STORE REPORT

Bank Balance, January 1,	1954							\$	8,671.98
Receipts		,							60,247.29
			T	otal					68,919.27
Disbursements									61,992.92
Bank Balance December 31	, 195	+						\$	6,926.35

# REIMOLD FUND

Balance,	January 1,	1954	
Received	into fund,	February 5, 1954 250.00	
Received	into fund,	June 4, 1954 500.00	
Received	into fund,	November 3, 1954 500:00	
Returned	overcharge	on Express	
		Total \$1,934.43	
Spent du	ring year .	\$1,341.10	
Balance,	January 1,	1955	

# POWER PLANT REPORT

Average Steam Pressure					130.
Average feedwater temperature	•				216.
Pounds of make-up water used	•	•	•	•	
Bounds of acal humand	•			•	12,263,378.
Pounds of coal burned					10,867,800.
Pounds of water evaporated					105,707,850.
Actual evaporation per pound coal					9.73
Equivalent evap. from and at 212 deg					10.02
Cost of coal per ton at plant (average)				. \$	5.99
Total cost of coal burned				. 8	32,723.50
Total tons of coal for engines					2,452.22
Total cost of coal for engines				. \$	14,546.70
Value of exhaust steam				. \$	10,182.69
Net cost of coal for engines		1		ě	4,364.01
Engineer's Salaries				. 8	10,649.16
Lubrication	•			. \$	428.20
Generator set Depreciation	•		•	. 0	
Peneire	•			. 5	1,200.00
Repairs	•			. \$	527.20
Incidentals	•			. 9	0.00
Total cost of electric current				. \$	17,168.37
Number of K.W.H. generated					1,054,400.
Cost per K.W.H				. \$	.0163
People on full maintenance (average per m	ior	ith)			752.
K.W.H. per person per year					1,401.59
Yearly per capita cost electricity				. 8	22.86
Wages paid for fireroom labor				. \$	16,988.70
Fireroom repairs and incidentals				. \$	271.70
Boiler depreciation Pumps, etc				. 8	5,532.00
Cost Feedwater Treatment				. 6	644.11
Cost of steam (except electricity)				ě	51,796.00
Total cost of power	•	•		. 6	68,964.37
No. of boilers in use (average)		•	•	. 4	1.50
Cost of Steam per 1,000 pounds	•		•		•53
Gallone of water numbed	•	• •			38 09) 700
Gallons of water pumped	•			•	38,074,700.
Water Dill	•				7,705.
Water Bill	•			. 9	3,633.04
das used *(cubic feet) **(therms) .	•				*2,413.M
Gas Bill				. \$	1,549.88
Coal used (pounds) Misc	•				31,100.
Coal on hand (tons) end of year					1,396.69 5,436.55
Coal received during year (tons)					5,436.55
Degree Days					7,019.00
Employees maintained (average per months)					169.
% Make_up					11.6

#### **BACK TO HISTORY 4 PAGE**