

COLORADO STATE DEPARTMENT
Public Welfare Library
458 Capitol Annex
Denver 2, Colorado

SUMMARY OF TUBERCULOSIS ASSISTANCE -- 1946

There was an increase of 14% in new patients over 1945. 75% of all admissions were in the far advanced stage of the disease, 20% were moderately advanced, and only 5% were minimal. This represents about the same distribution as heretofore.

Of those discharged, the following is the distribution:

Tuberculosis arrested or quiescent	30%
Discharged to the Out patient Dept.	7.5%
Left against advice	28%
Discharged - Unimproved	6.5%
Died	28%

A survey of all patients under State Aid care in October 1946 revealed the fact that 7 out of 10 had lived in this State for 10 years or more.

It was implied in the Miller survey of Tuberculosis sanatoria in Colorado that collapse therapy had been neglected in the treatment of cases. A survey of our patients at the end of 1946 indicates that 59% of all cases of lung tuberculosis some form of collapse therapy had been used, while in another 4.4% it had been attempted, and 2.6% of the cases had refused collapse therapy when it was offered to them. Therefore, this indictment cannot be said to apply to State Aid cases, to any great extent, since it is estimated that in any large series of cases of tuberculosis only about 70% of them can be helped by some form of collapse of the lung. It is true that many of our cases have reached the point when surgical collapse of the lung would be beneficial and might restore them to moderately active life, but this is an expensive procedure and sufficient funds have not been available to give the benefit of this operation to more than a minimum of our cases.

The gross amount expended for Tuberculosis Assistance in 1946 was \$229,142.86, representing an increase of approximately \$36,000 over the amount spent in 1945. Part payments made by patients and relatives amounted to \$6,192.14, so that the net cost for the care of our indigent tuberculous, who have been residents of Colorado for over 3 years, amounted to \$217,398.92, which cost was divided equally between the State and the counties from which the patients originated.

SUMMARY OF TUBERCULOSIS ASSISTANCE

Year ending December 31, 1946

PART I -- APPLICATIONS

Pending - January 1, 1946	7		
New applications - never previously hospitalized	5	4	
Applications for (1) readmission to care; (2) reopening of previous approval, which was followed by rejection of hospitalization by applicants	2	2	
Received during 1946	157		154
New applications - never previously hospitalized	119	118	
Applications for (1) readmission to care; (2) reopening of previous approval, which was followed by rejection of hospitalization by applicants	38		
			164
Disposed of during the year	158		156
New applications - never previously approved	119	124	
Applications for readmission - previously under care	36	25	
Applications for reopening; previously approved but hospitalization not accepted by applicants	2	2	
Placed under care	157	137	139
Not placed under care	21		17
Hospitalization not accepted by applicants	8	1	
Applications withdrawn by county	7	9	
Died before hospitalization	2	3	
Died before approval	1		
Disapproved	5	2	
Pending December 31, 1946	6		7

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PART II — CASES UNDER CARE

Cases under care January 1, 1946				201	204
In sanatoria	167	153			
In Out Patient Department	54	21			
Placed under care during the year				157	139
New cases - never before hospitalized	104	120			
Readmissions - previously under hospitalization	55	19			
Total				538	343
Care terminated in sanatoria during the year				154	152
Discharged	49	78			
Apparently arrested	15	28			
Stationary (1)	26	11	Summers 11		
Retrogressive	2				
Progressive	1				
Unimproved - permitted to leave	7	14			
Died	58	41			
Left against advice	37	26			
Transferred to Out Patient Department	10	7			
Cases under care December 31, 1946				204	191
In sanatoria	185	174			
In Out Patient Department	21	17			

(1) Disease probably not active.

SUMMARY OF OUT PATIENT DEPARTMENT

Year ending December 31, 1946

Cases in Out Patient Department January 1, 1946	54
Cases transferred to Out Patient Department from sanatoria during year....	<u>10</u>
	44
Cases in Out Patient Department terminated during the year	25
Discharged	16
Readmitted to sanatoria	<u>7</u>
Cases in Out Patient Department December 31, 1946.	21

**PERSONS PLACED UNDER CARE, CLASSIFIED
BY AGE AND STAGE OF DISEASE.
Year ending December 31, 1946**

Stage of Disease	Total	AGE						
		Under 11	11-20	21-30	31-40	41-50	51-60	61 and older
All Stages	157 ¹³⁹		8	42	33	25	22	7
Far advanced	105 ⁵⁷		5	28	25	21	19	5
Moderately advanced	27 ²⁸		3	11	4	4	5	2
Minimal	7 ²⁴			3	4			

In addition, one applicant, aged 50, died before approval of application, and two persons whose applications had been approved died before hospitalization, one aged 51 and one aged 28.

**PERSONS RECEIVING TUBERCULOSIS ASSISTANCE
CLASSIFIED BY AGE AND SEX, FOR YEAR ENDING**

December 31, 1946

AGE IN YEARS	TOTAL	SEX	
		MALE	FEMALE
All Ages	338	163	175
1 - 10	4	4	
11 - 20	25	2	23
21 - 30	87	24	63
31 - 40	89	46	43
41 - 50	63	35	28
51 - 60	47	32	15
61 and older	23	20	3

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**NUMBER OF YEARS OF STATE RESIDENCE OF PERSONS
RECEIVING TUBERCULOSIS ASSISTANCE IN SANATORIA
AND OUT PATIENT DEPARTMENT.**

Year ending December 31, 1946

Years State Residence	Total	Treatment Received In	
		Sanatoria	Out Patient Department
All Patients	538	294	44
Under 5	38	38	
5 - 9	45	44	1
10 - 14	46	44	2
15 - 19 -	39	35	4
20 - 24	64	52	12
25 - 29	42	36	6
30 - 34	21	15	6
35 - 39	16	11	5
40 - 44	12	8	4
45 - 49	6	4	2
50 - 54	4	2	2
55 - 59	4	4	0
60 - 64	1	1	0

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**LOCATIONS OF HOMES OF PERSONS RECEIVING
TUBERCULOSIS ASSISTANCE IN SANATORIA AND
OUT PATIENT DEPARTMENT**

Year ending December 31, 1946

LOCATION	Total	Treatment Received In	
		Sanatoria	Out Patient Department
All Locations	538	294	44
Urban	272 <i>298</i>	248	24
Rural	66 <i>45</i>	46	20

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COLLAPSE THERAPY

A review of all cases of pulmonary tuberculosis under the State Aid program at the end of 1946, shows that 64% of all cases ^{are} undergoing some form of collapse therapy, have had it in the past, have had it attempted or have refused collapse therapy when it has been offered. The percentage figures for each of these groups are as follows:

Previous collapse (chiefly thorocoplasty and pneumothorax)	22.5%
Now under pneumothorax	25.0
Now undergoing thorocoplasty	2.5
Now undergoing pneumoperitoneum	7.0
Pneumothorax attempted and failed	4.4
Refused collapse therapy	2.6
	64.0 %

SURGERY IN 1946.

Following is a list of surgical procedures performed during the year in State Aid cases:

	<u>Number</u>
Thorocoplasty	8
Phrenicectomy	7
Bronchoscopy	9
Pneumolysis	2
Thorotomy	2
Confinements	6
Surgical Appliances and Body Casts	11
Draining psoas abscess	1
Pneumonectomy	1
Excision and drainage of sinus	3
Repair of anal fistula	3
Spinal fusion	3

MISCELLANEOUS:

Incising Ear Drum	1
Cystoscopy	6
Appendectomy	5
Hemorrhoidectomy	1
Tonsillectomy	3
Cauterisation of larynx	2
Gall Bladder Operation	1
Laparotomy	1
D & C	1
Excision of tendon	1

PATIENTS HOSPITALIZED BY COUNTIES

	<u>Admitted in 1946</u>	<u>Already Hospd.</u>
Adams	4	0
Arapahoe	9	8
Archuleta	1	0
Bent	0	2
Boulder	12	18
Conejos	0	1
Crowley	1	1
Costilla	0	2
Delta	3	3
Denver	53	49
El Paso	14	23
Fremont	3	4
Huerfano	0	2
Jefferson	4	4
Lake	0	1
La Plata	5	1
Larimer	1	4
Las Animas	3	4
Logan	0	2
Mesa	2	2
Montrose	0	1
Morgan	2	2
Otero	2	12
Oursy	1	0
Prowers	1	3
Pueblo	19	14
Rio Grande	3	1
Sedgwick	2	1
Summit	1	0
Weld	9	18

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SUMMARY OF EXPENSES FOR 1946.

Gross Amount expended for Tuberculosis Assistance	\$ 229,142.86	
Amount expended for Out Patient Department	5,682.45	
Amount expended for Transportation.	569.57	
Amount expended for Burials	900.00	<u>4,951.80</u>
Amount expended for patients in Sanatoria	224,191.06	
Amount expended for surgery	\$ 4,108.75	
Patient Days	62,599	
Cost per person per day	\$ 3.426	
Part payments Made by patients and relatives		<u>6,192.14</u>
Net Amount expended	\$ 217,998.92	

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The gross amount expended for Tuberculosis Assistance in 1946 was \$229,142.85, representing an increase of approximately \$56,000 over the amount spent in 1945. Part payments made by patients and relatives amounted to \$6,192.14, so that the net cost for the care of our indigent tuberculous, who have been residents of Colorado for over 3 years, amounted to \$217,398.92, which cost was divided equally between the State and the counties from which the patients originated.

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