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# King Edward VII Sanatorium Midhurst

# TWENTY-SECOND ANNUAL REPORT

JULY 1927 to JULY 1928

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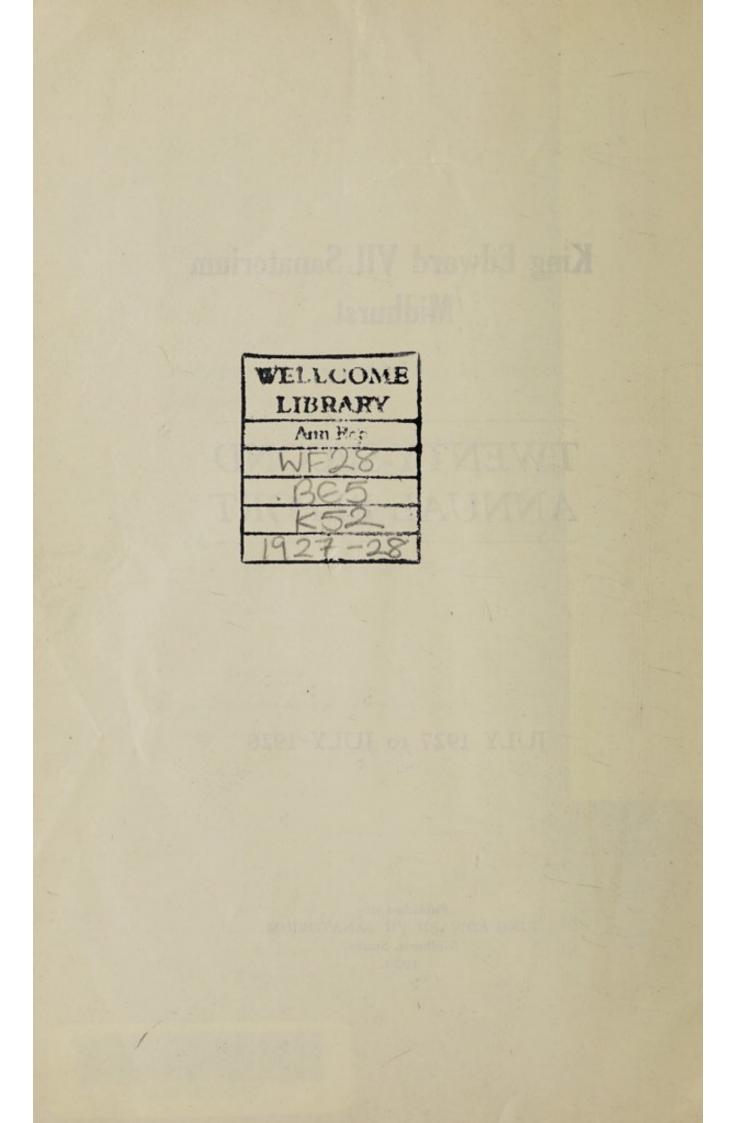


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# JULY 1927 to JULY 1928

Published at— KING EDWARD VII SANATORIUM, Midhurst, Sussex. 1929.



# King Edward VII Sanatorium

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# King Edward VII Sanatorium Midhurst

# Twenty=second Annual Report JULY 1927 to JULY 1928

D<sup>URING</sup> the twelve months, June 30th, 1927 to June 30th, 1928, 283 patients were admitted to the Sanatorium, of whom 32 were re-admissions and 61 remained for a period less than nine weeks, and are therefore not considered in after-history records. 192 patients were discharged and were grouped as follows :---

Group I	 	50
Group II	 	88
Group III	 	40
Group IV	 	14

Applicants for admission numbered 578; the average waiting list being about the same as in the previous year—between 12 and 13 for men and 9 and 10 for women. 137 applicants were examined by the Medical Superintendent : 104 (75.9 per cent.) were accepted and 33 (24.1 per cent.) were rejected.

In the Report last year, a comparison was made of the number of "arrests" in the various groups to which patients were allotted on admission to the Sanatorium. A further year's figures confirm the opinion that it is wise to keep up a continued effort to confine cases accepted for treatment beyond a period of nine weeks, to patients coming under Groups I and II :—

G. I G. II G. III	1924–25 64 7 <sup>8</sup> 61	Arrested 48 (75%) 19 (24·4%) 2 ( 3·3%)	1925 <b>-2</b> 6 55 65 64	Arrested 44 (80 %) 16 (24.6 %) 3 ( 4.7 %)	1926–27 47 80 41	Arrested 33 (72%) 21 (26·25%)* 2 (4·9%)
		G. I G. II G. III	1927–28 50 88 40	Arrested 37 (74%) 26 (29·54%) 1 (2·5%)		•

The figures for the four years together show that while 75 per cent. of Group I cases attained arrest, only 26.33 per cent. of Group II and 3.88 per cent. of Group III attained a similar result.

This year some attempt has been made to collect the results of treatment by pneumothorax since October, 1924, and this promises to give some useful information on prognosis where the treatment has failed while the case seemed clinically suitable.

Fourteen cases were discharged as Group IV-that is, without any definite evidence of Pulmonary Tuberculosis :---

Nothing definite found	 		II
Blastomycosis	 		I
Hyperthyroidism	 · · · ·		I
Carcinoma of larynx	 	1.1	I

The case of blastomycosis was of particular interest, and reference is made to it in the X-Ray report. It was treated by pneumothorax, which seemed to arrest the condition in the lung. The patient is now very fit, and has not had any return of the symptoms.

The usual variety of entertainment has been given throughout the year. The cinema installed last year has been a source of much enjoyment to the patients during the winter.

### **GENERAL STATISTICS.**

The following Tables show an analysis of the 192 patients discharged during the past year, with regard to-

- (1) Place of Residence.
- (2) Occupation.
- (3) Age and Sex.
- (4) Married or Single.(5) Mode of Onset.
- (6) Duration of Disease.

Place of Residence			Number of Patients	Place of Resi	dence	Number of Patients
London			59	Cheshire		 2
Sussex			17	Durham		 2
Yorkshire			15	Buckinghamshire		 2
Surrey			14	Staffordshire		 2
Essex			12	Shropshire		 I
Middlesex			IO	Cumberland		 I
reland			8	Wiltshire		 I
Hampshire			8	Devonshire		 I
Lancashire	/	·	8	Worcestershire		 I
Wales			6	Suffolk		 I
Kent			4	Nottinghamshire		 I
Leicestershire			3	Berkshire		 I
Northamptonshire			3	Salop		 I
Scotland			2	Northumberland		 I
Gloucestershire			2	Cambridgeshire		 I
Hertfordshire			2			
				ten corrected pre-		192

## TABLE I.-PLACE OF RESIDENCE

TABLE II.-OCCUPATION

Occupatio	n		Occupation Number of Patient			Occupati	Number of Patients	
Clerks			57	Students			2	
Housewives			21	Schoolgirls			2	
Engineers			19	Schoolboys			2	
Feachers			18	Policemen			2	
No Occupation			7	Chemists		· · · ·	2	
Agents and Travell	ers		7	Journalists			2	
Household Duties			4	Dispensers			I	
Managers			4	Chauffeurs			. 1	
Doctors			3	Printers			I	
Secretaries			3	Merchants			1	
Farmers			3	Hotel Proprietors			1	
Accountants			3	Army			1	
Civil Servants			3	Singers	1		1	
Shopkeepers			3	Pianists			- 1	
lergymen			3	Railway Servants			I	
Navy			2	Bankers			I	
Royal Air Force			2	Electricians			I	
Surveyors			2	Auctioneers			I	
Shop Assistants			2					
Vurses			2				192	

TABLE ]	IIIA	GE A	ND	SEX

	Yea	ars		Males	Females	Total
Under 20	 		 	9	4	13
20-25	 		 	35	20	55
26-30	 		 	23	15	55 38 37 17
31-35	 		 	22	15 8	37
36-40	 		 	9.		17
41-45	 		 	12	2	14
46-50	 		 	5	6	II
Over 50	 		 	5 6	I	7
		TOTALS	 	121	71	192

### TABLE IV.

Married	 	 	· · ·	70
Single	 	 		122

192

TABLE V.-MODE OF ONSET

	Mod	e of Or	nset			Number of Cases	Percentage
Cough						69	35.94 %
Influenza						35	35.94 % 18.23 %
Pleurisy						23 18	11.98 %
Hæmoptysis						18	9.37 %
Other Modes			• •	• •	• • • 1	47	24.48 %
						192	

TABLE VI.—DURATION OF DISEASEAverage duration...Lycar 9 months.Extremes...I month-29 years.

TABLE VII.—GENERAL RESULTS OF TREATMENT AS SHOWN BY THE CONDITION OF THE PATIENTS ON ADMISSION AND ON DISCHARGE FROM THE SANATORIUM DURING THE YEAR 1927-1928

Group on Admission	Number of Cases	Arrested	Much Improved	Improved	Stationary or Worse	Died in Sanatorium
l II III	50 88 40	37 26 I	6 26 10	4 20 13	3 15 15	I
All Cases	178	64	42	37	33	2
IV	Patients in whom no de- finite evidence of Pulmonary Tuberculosis was found	Number of Cases           14	. 3	II	et pic	Magai Air Marayan Maray Asala Maraga

GROUPS.—As in previous Annual Reports, the Turban-Gerhardt classification has been used to indicate the clinical condition of patients on admission. This classification, based on physical signs, is as follows :—

Group I.—Disease of slight severity, limited to small areas of one lobe on either side, which, in the case of affection of both apices, does not extend beyond the spine of the scapula or the clavicle, or in the case of affection of the apex of one lung, does not extend below the second rib in front.

Group II.—Disease of slight severity, more extensive than Group I, but affecting at most, the whole of one lobe; or severe disease extending at most, to the half of one lobe.

Group III.—All cases of greater severity than Group II, and all those with considerable cavities.

By "disease of slight severity" is to be understood, disseminated foci characterised by slight dullness, indefinite rough or weak vesicular, vesico-bronchial, or broncho-vesicular breathing, and fine and medium crepitations.

By "severe disease": massive infiltration recognised by definite dullness, broncho-vesicular or bronchial breathing, with or without crepitations.

Cases with signs of considerable excavation, giving rise to tympanitic percussion with amphoric or cavernous breathing and numerous coarse consonating rales come under Group III.

Pleuritic dullness, if only of slight extent, is to be left out of account; if it is considerable, pleuritis should be specially mentioned under tuberculous complications.

The following terms are used to describe the condition of patients on discharge from the Sanatorium :—

"DISEASE ARRESTED."—General health completely restored in every respect, without any sign of disease of the lungs except such as is compatible with a completely healed lesion. Sputum, if still present, free from tubercle bacilli.

"MUCH IMPROVED."—General health good. Physical signs of disease in the lungs, though much diminished, not entirely cleared up, e.g., limited to a few crepitations on cough only. Tubercle bacilli still to be detected in the sputum.

"IMPROVED."—General health improved, but not restored. Physical signs of disease in the lungs still present, though less marked than on admission.

"STATIONARY."—No appreciable improvement in the condition of the lungs or in the general health.

"WORSE."—General or local condition worse.

On Adı	nissio	n		On Discharg	е	
Positive			120	Positive		68
Negative			42	Negative		65
No Sputum			16	No Sputum		43
Group IV Cases			14	Group IV Cases		14
				Died in Sanatorium		2
All Cases			192	All Cases		192
Number of 1	Patien	nts wh	o lost ?	Г.В. in Sanatorium	. 53	

TABLE IXWEIGH
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.

	W	eight		Group I	Group II	Group III	Group IV
Gained			 	39	63	30	14
Lost			 	II	63 21	5	
No Change			 			-	
Not Weight	ed		 		3	4	-
Died in Sar		ım	 	I. There	I	I	-
All Cases			 	50	88	40	14

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TABLE VIII.-DEMONSTRATION OF T.B. IN SPUTUM

### **REPORTS OF SPECIAL DEPARTMENTS.**

### **REPORT OF THE THROAT DEPARTMENT.**

All the 192 patients discharged during the year ending 30th June, 1928, were examined laryngoscopically by Sir St. Clair Thomson. Of these, in 174 the larynx was found to be normal; in 16 there was found to be definite tuberculous disease; while one was found to have carcinoma of the larynx, and one a condition of non-tuberculous granuloma. The results of treatment are shown in Tables X, XI and XII.

TABLE X .- SHOWING THE RESULT ON DISCHARGE OF TREATMENT

IN PATIENTS SUFFERING FROM TUBERCULOSIS OF THE LARYNX IN WHOSE SPUTUM TUBERCLE BACILLI were DEMONSTRATED

		Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I		I	I		_		For cases
Group II		8	3	4	I	-	treated
Group III	•••	5	3	I	I	-	with Galvano-
All cases		14	7	5	2	lan-i ai	Cautery see Table XII

IN THE SANATORIUM

TABLE XI.—Showing the Result on Discharge of Treatment in Patients suffering from Tuberculosis of the Larynx in whose Sputum Tubercle Bacilli were not Demonstrated in the Sanatorium

	Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I			The state	1 12101	_	For cases
Group II Group III	 I	I I	=	=	-	treated with
All cases	 2	2	- 19	-		Galvano- Cautery see Table XII

TABLE XII.—Showing the Result on Discharge of Treatment with the Galvano-Cautery in Patients suffering from Tuberculosis of the Larynx

nobiro (		Number of Cases	Cured	Improved	Stationary or Worse	Died in Sanatorium	Remarks
Group I Group II		_			-	-	
Group II Group III		I	I	_	_	-	
All cases	•••	4	4	-	-		

One case (14/171) developed tuberculosis of the larynx while in the Sanatorium, and was cured by the galvano-cautery.

## COMMENTS ON FORTY-FOUR CASES OF ARTIFICIAL PNEUMOTHORAX.

Between October, 1924 and June, 1928 artificial pneumothorax was attempted on 63 cases of pulmonary tuberculosis.

The after-history to October, 1928, has been followed up, so that they give statistics on results from one to four years after the attempted induction of treatment.

In forty-four cases it was possible to carry on treatment; the remaining nineteen were unsuccessful, either because on attempted induction no pleural space was found, or only a small pocket struck, or because, by the presence of many adhesions, treatment could not be continued.

These nineteen may be grouped thus :---

No pleural space	found	 	 5
Pockets only		 	 5
Adhesions		 	 9
			19

If this grouping be combined with the grouping according to Choice,\* the after-history can be tabulated as follows :---

### CHOICE II CASES-TOTAL 12.

ALIVE.		DEAD
General Condition	General Condition	
Good.	Poor.	
No space 3	I	1
Pocket only 3	I I I I I I I I I I I I I I I I I I I	
Adhesions I	I	2
Choice	III CASES-TOTAL 7.	
ALIVE.		DEAD.
General Condition	General Condition	
Good.	Poor.	
No space —	I	-
Pocket only	and the second sec	I
Adhesions	The states and survivalia-	5

NOTE.-\*Choice I.-Cases with involvement of one lung.

Choice II.—Cases with cavitation or much evident fibrosis of one lung, or with involvement of the better lung not beyond the upper third.

Choice III .- Cases in extremis, e.g., with hæmoptysis.

Cases with bilateral disease—but with a possibility of aid by limited pneumothorax on the more active side.

Leaving out of consideration Choice III cases, for whom at best the treatment was only palliative, the Choice II cases show an interesting point, in that 10 of the 12 are still alive, and that 7 of these 10 are in good condition.

The following Table summarises the history to date of the 44 who were still on refills on discharge from the Sanatorium :----

G	ene	ALT eral Condition Good.	vE. General Condition Poor.	Dead.	TOTALS.
Choice I		10		I	20
Choice II		20	I	2	23
Choice III			_	I	I
		39	I	4	44

Forty cases are still alive. Of the four dead, one was Choice III, two were Choice II, and died of advancing disease in the other lung, and one was Choice I; in this case, it was only after, and due to, the induction of pneumothorax, that he was discovered to have lymphadenoma as a complication.

Thirty-four cases have now negative or no sputum, and six have still positive sputum. Of these six, three have been advised to have thoracoplasty (one has been re-admitted and had two courses of sanocrysin without attaining negative sputum) and one gave up treatment for no apparent reason.

Eighteen (45 per cent.) of the forty cases still alive have been complicated by fluid at some time during the treatment.

Eleven cases have now ceased refills. All are in good condition. The after-history reports, and the sputum results to date can be tabulated :—

#### SPUTUM.

	Tb	+ve		Tb	) - 1	v	e or	No	sputur	n		Totals.
Completed treatment .		-	•					4				4
Obliterated : after fluid											•	5
Re-expanded : no fluid		1*	•			•		7			•	I
Gave up treatment .										•	•	I
												100 000
												II

#### \* Since negative after Sanocrysin treatment.

Among the 63 cases on whom induction was attempted, laryngeal disease was found at some period of the observations in 10. Of these two were included in the 19 classified as failures; one, a Choice II case, was cured by silence; the other, a Choice III case, remained stationary while under A.P. treatment and is since dead. Of the other eight, seven are still alive, and all seven have a normal larynx. In five of these seven cases the disease was present before the

induction of the pneumothorax; all five healed very rapidly, and only one relapsed; this case has since been cured by galvanocautery. The remaining two, developed the complication while in the Sanatorium and while under pneumothorax treatment. While both are now healed, one required the aid of the galvano-cautery.\*

\* Artificial Pneumothorax and Laryngeal Tuberculosis. Sir St. Clair Thomson and Dr. R. R. Trail. (Lancet, 1927, 1, 963.)

### **REPORT OF THE X-RAY DEPARTMENT.**

The work of the X-Ray Department is steadily growing, and is becoming a very vital part of the value of the work done in the Sanatorium, not only in diagnosis but also in controlling the increasing numbers of cases of artificial pneumothorax.

The following figures give the examinations for the last four vears :---

1924-5		 	512
1925-6	 	 	547
1926-7	 	 *	821
1927-8	 	 	917

The number of examinations in the control of Artificial Pneumothorax during the last year was 487.

Quite apart from the value of the X-ray as an aid in the diagnosis of Pulmonary Tuberculosis, there are many cases in which patients with a clinical suspicion of Pulmonary Tuberculosis have been proved by its use to be suffering from a chest disease of some other nature.

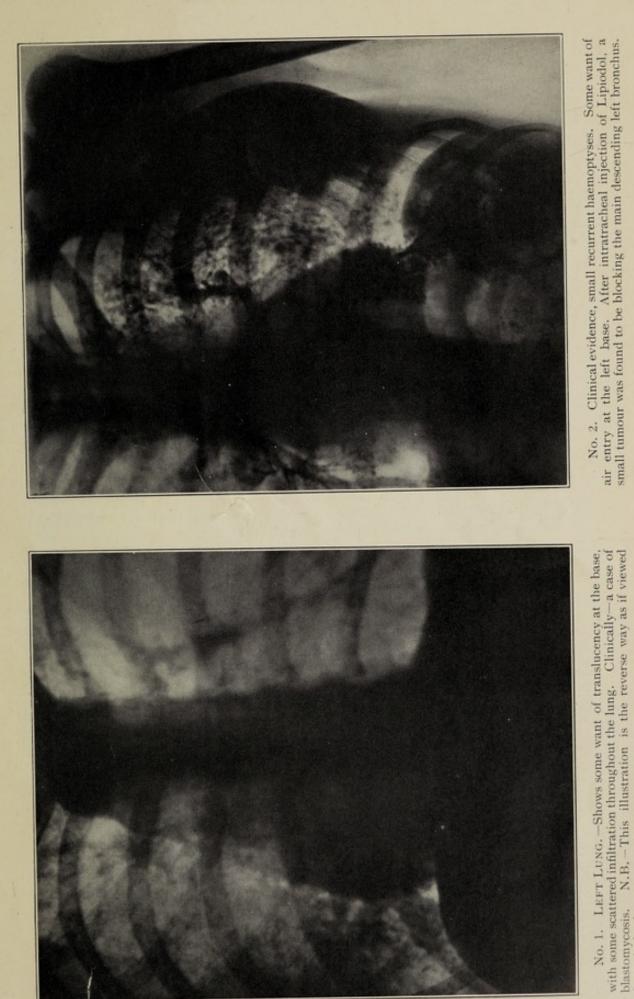
As instances of this, it is interesting to quote two cases in particular—in both the chief feature being hæmoptysis.

CASE I. FEMALE, AGE 19.—Previous history whooping cough two years before. Small hæmoptysis prior to admission; slight cough; sputum, a trace; no night sweats; slight pyrexia; clubbing of fingers; no enlargement of superficial glands or spleen; restricted movement of left chest with impairment of note and weak breath sounds, and fine inspiratory crepitations over middle and lower zones posteriorly. Complement fixation test, positive, Wasserman reaction negative.

X-Ray examination.—Deficient movement of left side of diaphragm; heart displaced to the left; fine stippling of middle and lower zones left side; both apices translucent. Sputum T.B.— 16 times. Blastomyces found.

CASE II. FEMALE, AGE 23.—Mode of onset said to be pleurisy. Two small hæmoptyses followed by a brisker hæmoptysis soon after admission.

Slight impairment of resonance at the left base with poor air entry; occasional rhonchus left side. First X-Ray showed some lessened translucency of the left middle and lower zones. No definite adventitious shadows.



blastomycosis. from the back.



After injection of lipiodol very little of the lipiodol was seen to pass into the left descending bronchus, a narrow stream only appearing to surround an opacity the size of a small grape, the rest of the bronchial tree external to this filling in a normal manner. Bronchoscopy followed, and a small growth was discovered at the bifurcation of the left descending bronchus and subsequently removed. The patient made a good recovery.

### REPORT OF THE DENTAL DEPARTMENT.

The following was carried out from July, 1927 to June, 1928 :---

Fillings		 	 143
Scalings		 	 34
Extraction	ns	 	 181
Dentures		 	 II
Repairs		 	 9
X-Rays		 	 I

### **REPORT OF THE PATHOLOGICAL DEPARTMENT.**

The clinical work of the Pathological Department has been continued on the same lines as previously and during the twelve months ending 30th June, 1928, over fifteen hundred reports, apart altogether from the results of sputum tests, have been issued from the laboratory. An alteration has been made in the routine and the sputum of all patients is now examined at fortnightly intervals, no distinction being made between positive and negative cases, except that the latter are examined at weekly intervals for the first three weeks after admission. It is felt that this method helps to prevent worrying on the part of the patients and that the extra work is thereby justified.

The research on the sedimentation test by Miss Stone has proved very satisfactory, and, as a result, the test has been adopted as a useful routine measure. The work has been embodied in a paper which is now awaiting publication. It is next proposed to investigate the sugar metabolism in tuberculosis, and in particular the liability of these patients to diabetes. As a side line this is to be linked up with the sedimentation test which has shown some interesting results in diabetic patients.

### REPORT OF THE STATISTICAL DEPARTMENT.

The work of the Statistical Department has been carried out on the same lines as in previous years (see Annual Reports V, XI and XII). The number of patients discharged from the Sanatorium up to date is 5,141. This number does not include Group IV cases, re-admissions, or patients who were in residence too short a time to be included in the records. Those about whom information could not be obtained number 128, or  $2\cdot49$  per cent.

The statistics of the ultimate results of the enquiry are shown in the following Tables :--- TABLE AL-STATISTICS OF ULTIMATE RESULTS

1

Cases in the Sputum of which T.B. were demonstrated in the Sanatorum

All cases considered together

261 uj 150] Jə	jo 143is	4	0	3	3	00	10	1	3	m	I	+	4	0	~	0	1	C.B	I	I	61	3
1928 1928 T Dead	t ui	16	156	159	147	154	150	120	131	141	120	139	118	001	112	011	001	83	74	48	23	6
read a	1928	30	44	43	42	35	32	33	43	49	33	60	62	84	12	74	60	80	16	64	89	115
dua	1927	30	46	45	43	30	33	35	43	53	35	73	64	86	52	10	20	68	66	90	67	1
	1926	31	50	45	47	38	34	35	46	55	35	74	62	92	16	60	92	100	112	901	1	1
1A93	1925	33	52	47	48	39	40	40	47	19	38	62	70	66	001	66	III	114	124	1	1	1
harge	1924	34	55	40	49	44	43	42	49	19	41	64	60	102	OII	.011	127	135	1	1	1	1
successive year after Discharge	1923	34	54	48	51	47	44	45	55	68	48	89	80	112	126	141	150	1	1	1	1	1
ur afte	1922	36	54	52	53	47	46	48	60	12	51	66	82	121	140	150	ł	1	1	1	1	1
ve vea	1921	34	58	55	56	48.	50	49	68	75	57	501	95	136	165	1	1		1	1	1	1
accessi	1920	39	59	56	19	56	54	52	75	83	65	116	115	165	1	-	1	I	1	1	1	1
each si	6161	38	63	60	00	19	h 55	49	75	83	68	127	118	1	F	1	1	1	1	1	T	-1
Alive " in each	1918	42	72	62	69	69	.68	67	82	104	93	166	1	f	I	1	I	1	t	1	9	1
	1917	42	75	67	11	72	72	75	86	LIT	201	1	1	1	t	1	1	1	1	1	1	1
., IO	19161	46	70	64	73	73	26	78	84	123	1	1	1	1	1	1	1	1	1	1	1	1
Well	1915	47	20	55	69	74	81	94	118	1	1	1	1	1	1	1	1	1	1	1	1	1
Number reported " V	1914	38	72	64	75	88	95	113	1	1	1	1	1	1	1	1	1	1	1	I	-	1
r repo	1913	42	14	20	06	92	III	1	1	1	1	1	1	1	ľ	I	1	1	1	1	1	1
umbe	1912	56	94	93	112	133	81	1	1	1	1	1	1	1	1	1	1	I	1	1	1	1
~	1161	65	112	110	138	, 1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	0161	73	129	154	5.1	1	1	1	1	1	1	1	1	1	1	ł	-	1		1	1	1
	1909	82	149	- 1	1	1	1	1	I	1	1	1	1	1	1	1	1	1	1	1	1	1
	1908	10	1		1	1	!	!	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Discha Num	125	206	205	102	107	108	160	177	101	154	212	184	108	1961	197	176	165	166	128	LIA	127
Year	Discharge	1006/07	1007/08	1008/00	1000/10	11/0101	1011/12	1012/13	F1/2101	21/101	91/5101	1016/12	1017/18	1018/10	1919/20	1920/21	1021/22	1022/23	1023/24	1024/25	1025/26	1926/27

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TABLE A2.---STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group I considered separately

						_	_			_		_		_		_	_		_			
er lost 82	tdgie	61	I	0	1	C 4	61	0	0	61	0	61	0	-	0	I	0	0	0	0	0	0
pead 2 Dead	Numbe		21	14	53	50	21	6	01	6	0	0	3	0	6	14	0	5	+	3	0	0
	1928	12	23	14	61	15	IO	9	6	6	II	10	12	6	20	30	19	24	18	12	II	22
	1927	12	24	14	61	17	10	9	10	IO	11	18	12	6	20	32	21	25	61	13	II	1
	1926	13	24	13	21	17	IO	9	IO	OI	II	61	12	6	22	34	21	27	20	15	1	1
	1925	14	24	13	22	17	12	00	IO	12	II	20	12	6	24	34	22	28	21	!	1	1
rge	1924	14	26	13	22	20	12	00	II	12	II	20	II	6	26	38	23	28	1	1	1	1
Dischar	1923	14	26	13	23	22	12	80	11	12	11	22	II	6	25	30	25	1	1	1	1	1
or " Alive " in each successive year after Discharge	1922	15	5.6	14	25	22	13	00	OI	12	II	22	II	10	27	42	-		1	1	1	1
year a	1921	I.4	57	14	25	22	13	00	13	II	12	22	12	IO	29	1	1	1	1	1	1	1
essive	1920	18	28	14	27	25	16	2	15	13	13	23	14	10	1	1	Ī	1	1	!	1	1
h succ	6161	16	27	15	25	28	15	6	14	12	II	22	12	1	1	1	1	1	1	1	L	1
in each	6161 0161	18	32	15	30	30	61	IO	17	16	14	24		1	1	1	1	1	1	1	1	1
live "	1917	10	0.00	15	30	29	20	II	16	17	15	1	1	1	1	1	1			1	1	1
or " A	9161	17	20	15	29	30	20	12	14	16	1	1	1	1	1	1	1	1	1	1	-	1
2	1915	17	30	12	25	28	20	14	17	- 1	1	1	1	1	1	1	1		1	1	1	1
Number reported "Well	1914	1	281	16	27	31	21	14	. 1	1	1	1	1	1	1		!		1	1	1	1
report	1913	IC	27	16	34	47	27				i	1	1	1	1	1	1	1	1	1	ł	1
mber 1	1912	00	31	50	37	41	.	1	1		l	l	1	1	1	-	1	I	1	1	-	1
INN	1161	00	2.5	0.00	39	1	1	1	1	1		1	1	1	1	1	1	I	1	1	1	1
	1910	10	40	50	1	1	1	1	1	1		1	1	1	1		-	1	-	-	1	
	1909	50	0.4	21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
-	1908	20		ŀ	1	1	1	1	1	1	1	1	1		1	1	1	1	l	1	1	1
	Discha	00	24	200	43	45	2 6	151	19	20	16	24	- SI	10	20	45	52	20	22	15	II	22
1	Dis- charge	1006/07	10/0061	1008/001	01/6061	11/0101	1011/12		1913/14	1014/15	1915/161	1016/17	1017/18	1918/101		1920/21	1921/22	1922/23	1923/24	1924/25	1925/26	1926/27

TABLE A3.—STATISTICS OF ULTIMATE RESULTS

1

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group II considered separately

0.81	6.		_	_											_		-			_	-	-
er lost ni io 820	dmuN Jdgis	61	4	e	0	0	0	I	~	I	•	I	¢1	3	-	3	0	0	0	0	0	0
	admuN	40	63	65	75	28	83	75	03	02	59	56	40	42	33	35	25	1	00	16	9	2
	1928	15	18	26	22	01	21	25	29	33	12	42	38	53	35	24	23	21	21	43	40	66
	1927	15	61	28	23	16	21	25	30	36	12	43	38	55	39	26	23	21	22	50	42	-
	1926	15	55	29	25	18	22	25	31	36	12	43	36	56	42	28	27	23	25	52	1	1
	1925	16	23	31	24	61	25	28	32	39	14	46	41	59	43	31	31	24	26	1	1	1
Se	1924	17	24	31	25	21	28	29	34	38	17	44	40	8	40	38	35	27	1	1	1	-
Dischar	1923	17	23	31	25	22	29	32	40	43	53	50	48	64	48	47	43	1	1	l	1	1
Alive " in each successive year after Discharge	1922	17	24	31	24	22	29	35	42	46	24	56	50	69	55	56	1	1	1	1	1	
year a	1921	17	25	33	26	23	32	35	47	51	28	62	54	72	63	1	1	1	1	1	1	
essive	1920	17	54	34	26	28	33	38	50	57	33	65	65	86	1	1	1	1	1	1	1	
h succ	1919	18	28	34	28	29	34	33	51	57	35	72	63	1	1	1	1	1	1	1	-	
in eacl	1918	19	32	36	32	35	38	F	+5	69	49	89	1	1	1	1	1	1		1	1	
ive "	7191	18	35	40	33	37	41	51	55	74	54	1	1	1	1	1	1	1	1	1	1	
or " Al	1916	23	33	38	36	37	43	53	54	74	1	1		1	1	1	1	1	1	1	1	
2	1915	24	31	32	36	40	49	68	74	1	I	1	1	1	1	1	1	1	1	1	1	
Number reported " Well	1914	18	32	37	38	49	59	17	1	1	1	1	-	1	1	1	1	-	1	1	1	
reporte	1913	22	32	34	44	43	65		1	1	1	1	1		1	1	1	1	!	ŀ	1	
mber 1	1912	31	47	48	59	68	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
IUN	1161	37	56	59	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	
	1910	40	51	82	1	1	1	1	1		1	1	1	1	1	-	1	1	1	1	1	
	1909	45	69	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	
	1908	50	,	1	1	1	1	1	1	1	1	ļ	1	1	1	1	1	1	1	1	1	
	Discha Num	57	200	94	66	100	OII	IOI	95	66	17	66	86	98	69	62	48	28	29	59	46	64
Year of	Dis- charge	1006/07	1907/08	1908/09	01/6061	11/0161	1011/12	1912/13	1913/14	1914/15	1915/16	71/0101	81/1181	91/8161	1919/20	1920/21	1921/22	1922/23		1924/25	1925/26	

TABLE A4.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

Group III considered separately

0.	6. 1		-				-															
er lost	dmuN Jdgie	0	I	0	0	0	61	0	0	0	I	I	64	4	61	1	I	61	I	I	61	3
	admuN	35	72	80	49	49	52	42	58	67	56	77	69	64	70	60	75	71	62	29	17	9
84 E	1928	3	3	3	I	3	I	5	5	2	IO	II	12	22	26	20	27	35	52	24	38	27
	1927	3	3	3	I	3	61	4	5	1	12	12	14	22	26	23	32	43	58	27	44	1
	1926	3	4	3	I	3	61	4	5	6	12	12	14	27	27	27	44	50	67	39	1	1
	1925	3	5	3	61	3	3	4	5	IO	13	13	17	31	33	31	58	62	17	1	1	1
Se	1924	ŝ	5	4	61	3	3	5	4	II	13	15	18	33	38	40	69	80	1	1	1	1
ischarg	1923								4				20	39	53	54	82		1	1	1	1
or " Alive " in each successive year after Discharge	1922	4	5	2	4	3	4	5	2	13	16	21	21	42	58	58	1	1	1	1	1	1
year a	1920 1921	e	9	8	4	3	5	9	00	13	17	21	29	54	73	1	1	1	1	1	1	1
ssive	1920	4	1	00	5	3	5	L	IO	13	61	28	36	69 ,	1	1	1	1	1	1	1	1
succe	1919	4	1	II	9	4	5	9	10	14	22	33	43	!			1	-	1	1	1	1
n each	1918	5	80	II	2	4	II	12	II	6I	30	53	1	1	1	1	1	1	1	1	1	1
ve"i	1917	10	00	12	00	9	II	13	15	26	36	1	1	1	1	1	1	1	1	1	1	1
r " Ali	9161	9	00	II	00	9	13	13	16	33	1	1	1	1	1	1	1	1	1	1	1	1
	1915	9	6	II	8	9	12	-12	27	1	1	1	1	1	I	1	1	1		1	1	1
Number reported " Well "	1913 1914	9	12	12	OI	8	15	22		1	1	1	1	1	1	1	1	1	+	1	1	1
sporte	1913	2	12	13	12	6	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
aber re	1912	9	18	22	16	17	1	I	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Nun	1909 1910 1911 1912	00	22	31	25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1910	12	28	40	1	1	1	I	1	1	1		1	1	1	1	1	1	1	1	1	1
		14	37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1
	1908	17		1	ł	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Discha	38	76	83	50	52	55	44	63	74	67	89	83	90	98	06	103	108	115	54	57	36
Year of	Dis- charge	1906/07	1907/08	1908/09	01/6061	11/0161	1911/12	1912/13	1913/14	1914/15	1915/16	71/0101	81/2161	1918/19	1919/20	1920/21	1921/22	1922/23	1923/24	1924/25	1925/26	1926/27

TABLE A5.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

All cases considered together

teol 19 ni to 82	angie	61	40		9 64	3	I	64	I	61	64	3	2	61	_						_
928 928	Numbe	4	15	LI	16	18	1	5	13	16	1	55	13	II	-	14	OI	x	4	3	2
- 2.7	1928	18	32	200	30	27	23	32	21	41	49	92	66	02	00	18	40	59	8	20	39
	1927	18	3.5	- 00	30	27	23	34	20	42	49	95	IOI	8	10	64	43	00	89	67	1
-	1926	17	33	30	31	27	23	34	20	43	50	86	102	8	63	18	44	63	12	1	1
	1925	16	33	40	31	27	23	34	21	44	48	67	103	00	04	82	44	65	1	1	1
	1924	18	34	CF IV	32	27	24	33	22	43	48	26	104	1/	04	84	46	1	1	1	1
narge.	1923	18	34	404	30	27	25	33	22	44	47	98	107	12	8	92	1	1	1	1	-
r Discl	1922	18	36	45	31	27	24	32	20	45	50	95	601	74	8	1	1	1	1	1	1
r aftei	1921	18	35	++	1 00	27	25	33	23	44	47	102	112	75	1	1	1	1	1	1	1
ve yea	1920	19	37	+ cx	34	31	26	35	24	47	53	105	115	1	1	1	1	1	1	1	1
Iccessi	6161	21	38	C+	34	29	24	33	31	47	53	108	1	1	1		1	1	1	1	1
Alive " in each successive year after Discharge.	1918	21	39	44	37	36	28	36	29	51	56	1	1	1	1	1	1	1	1	1	L
" in e	7191	19	40	04	1.00	36	28	37	30	53	1	1		I	1	1	1	1	I	1	ŀ
Alive	1916	18	37	200	40	34	25	31	28	1	1	1	1	1	1	1	1	1	1	1	1
, or "	216r	16	35	40	37	36	28	37	:		1	1	1	1	1	1	1	1	1	1	1
Number reported " Well "	161 -191	14	34	10	4 m	32	29	1	1	1	1	1	1	1	!	1	1	1	1	1	-
orted '	1912 1913	15	33	33	44	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
er repe	1912	18	40	41	42	+	l	l	l	1	1	1		1	1	1	.[	1	1		1
Numb	1161	61	45	42	51	i		1	1	1	1	I		1		1	1	1	1	1	1
	1161 0161 6061	01	47	57		1	-		1		1	1	1	1	1	1	1	1	1	1	1
		20	49	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1908	23	1	1		1	1	1	1	1	1	1	1	1	1	1		1	1	1	1
	Discha	24	15	00	60	100	IE	AI	500	50	000	117	611	78	66	93	15	68	72	70	41
		107	/08	60/	11/	112			_	/16	117	/18	61/	/20	/21		/23	124		/26	127
Yea	Dis- charge	1006/0	1907/08	1908	11/0101	LIDI	-		1014	19161	10161	1917	01/8101	1919	1920	1921	1922	1923	1924	1925/	1926/2
-																					

TABLE A6.-STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group I considered separately

		_							_			-	_	_			-		_	_		
at lost 820 820	sight	I	61	5	4	61	0	I	64	0	0	0	I	61	61	+	1	I	3	61	0	0
1928 Tr Dead	oquinN	I	9	00	6	II	1	4	61	ŝ	3	01	5	0	-	н	4	5	1	01	1	-
100	1928	14	23	26	29	24	61	14	24	12	29	32	45	33	41	43	46	29	39	45	43	24
-	1927	14	23	25	30	23	19	14	26	II	29	32	46	34	42	44	46	31	40	46	43	
1200	1926	14	23	26	30	24	18	14	26	II	29	32	46	33	43	46	47	32	42	48	1	1
	1925	13	23	28	31	24	18	14	26	12	28	30	45	34	44	47	48	32	43	1	1	1
rge	1924	14	23	28	31	25	18	15	25	12	27	31	45	32	45	47	49	33	1	1	1	1
Discha	1923	14	23	28	32	24	18	15	25	12	27	29	44	33	47	48	50	1	1	1	1	1
after Discharge	1922	13	23	27	32	24	18	15	24	II	38	31	42	33	48	40	1	1	1	1	1	1
Alive " in each successive year	1921	13	22	29	32	26	18	14	25	II	27	28	46	34	47	1	1	1	1	1	1	1
cessive	1920	14	24	28	33	27	20	15	26	13	29	33	48	34	1	1	1	1	1	1	1	1
ch suco	1919	15	24	27	32	27	20	14	25	6	29	31	47	1	1	1		1	1	1	1	1
in eac	1918	15	25	28	35	29	21	17	27	14	32	33		1	1	1	I	1	1	1	1	1
live "	7191	13	26	25	35	29	21	18	28	15	31	1	1	1	1	1	1	1	1	1	1	1
or " A	1916	13	24	23	34	31	20	16	21	13	1	1	1	1	1	1	1	1	1	1	1	1
-	1915	II	22	25	30	29	23	17	26	1	1	1	1	1	1	1	1	1	1	1	1	
Number reported " Well	1913 1914 191	10	23	31	36	30	55	18	1	1	1		1	1	1	1	I	1	1	1	1	1
report	1913	10	23	19	32	25	22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
mber	1912	13	25	27	36	33	1	1	1	1	1	1	1	1	1	1	L	1	1	1	1	1
Nu	1190 1910 1911	14	29	28	39		!	1	1	!			-	1	1	1	1	1	1	1	1	1
	1910	14	30	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
		14	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1908	16	1	1	1	1	1	1	1	1	1	Î	1	1	1	1	1	1	1	1	1	1
	Discha	16	31	39	42	37	26	61	28	17	32	34	51	35	50	48	51	35	43	49	44	25
Year	Dis- charge	1906/07	1907/08	1908/09	01/6061	11/0161	1911/12	1912/13	1913/14	1914/15	1915/16	1916/17	1917/18	1918/191	1919/20	1920/21	1921/22	1922/23	1923/24	1924/25	1925/26	1926/27

TABLE A7.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group II considered separately

													_									
per lost ber lost 828	idgie	-	-			0	0	0	0	0	C4	c1	64	+	0	1.	0	0	0	•	0	0
1928 1928		0	00	12	0	4	6	c 8	4	2	IO	2	14	0	-	0	3	3	I	H	0	I
	1928	4	- 0	12	2	0 0	0	2	2	6	II	17	43	10	61	13	25	0	14	17	61	OI
12.2	1927		+ 6	II	ø	-0	0	-	1	6	12	17	45	02	19	13	26	1	14	18	19	1
	1926	"	10	12	x		0	1	-	6	12	18	47	64	19	13	27	1	14	18	ł	1
	1925	~	IO	14	x	-	ø	-	2	6	14	18	47	64	18	13	27	1	14	1	1	1
harge	1924		+ 0I	14	6	-	x	-	2	6	I.4-	17	47	99	20	13	26	00	1	1	1	1
r Disc	1923		± 01	1.4	6	00	x	1	1	6	15	18	48	89	20	14	28	1	1	[	1	I
ur afte	1922	u	12.0	14	6	-	00	9	7.	00	15	61	48	68	20	14	ł	1	1	1	+	1
or " Alive " in each successive year after Discharge	1921	u	12.0	14	6	2	6	00	2	IO	15	19	50	67	20	1	T	1	1	1	1	1
accessi	1920		15 0	15	6	2	10	00	8	6	16	20	51	68	1	1	1	1	1	1	T.	1
each si	6101	4	13	15	6	2	x	00	1	10	15	22	55	1	-	1	-	-	1	1	H	1
" in •	1918	4	13	15	12	00	47	8	8	13	16	23	1	1	1	1	1	1	1	1	-1-0	1
' Alive	2161	4	13	14	12	6	14	00	00	13	61	1	1	1	1	1	-	1	-	I	L	1
	1916		13.0	14	12	6	13	1	6	13	1	1	1	1	1	-	1	-	-	1	ł	1
" Well "	1915	1	120	14	11	00	12	6	6	1	1	1	1	1	1	1	1	1	1	1	1	1
Number reported " W	1914	No.	4	15	10	00	6	6	1	1	I	1	l	1	ļ	I	1	1	1	-	1	1
er repo	1913		10	14	IO	8	14	1	1		1	1	1	1	1	1	1	1	1	1	t	1
Numbe	1912		0 21	13	II	00	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
~	1161		0 14	16	13	1	1	I	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1910		151	20	1		1	l	1	1	-	1	1	1	1	1	-	1	1	1	1	I
	1909		18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	+	1	1
	1908		•	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	Discha	-	1.001	25	15	IO	20	6	II	14	23	24	59	11	20	14	28	0	15	18	19	II
Year of	e	-1-	1000/07	1908/09	01/6061	11/0161	1911/12	1912/13	1913/14	1914/15	01/5161	1016/17	81/2101	91/8/91	1919/20	1920/21	1921/22	1922/23	1923/24	1924/25	1925/26	1026/27

TABLE A8.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

Group III considered separately

ni jo 82	61 10/815	0		0	0	0	0	0	0		0	0	0		0	0	0	0	0	0	0	0
er lost	quinn	1	I	I								-	000	12.78				-				
Dead r	Numbe																					
	1928	0	0	I	0	0	0	0	I	0	I	0	4	10	5	4	1	5	9	4	5	10
	1927	0	0	I	0	0	0	61	I	0	Ι	0	4	10	10	4	5	5	9	4	5	1
	1926	0	0	I	I	0	I	61	I	0	67	0	5	5	9	4	1	5	1	10	1	!
18	1925	0	0	I	I	0	I	61	I	0	5	0	5	5	9	4	2	5	00	1	1	1
harge	1924	0	I	I	I	0	I	61	I	I	61	0	5	9	9	4	6	0	1	1	1	1
r Disc	1923	0	I	I	I	0	I	3	I	I	61	0	2	9	9	4	14	1	1	1	1	1
Alive " in each successive year after Discharge	1922	0	I	I	H	0	I	ŝ	I	I	61	0	5	00	9	4	1	1	1	1	I	1
ive yea	1921	0	I	I	H	0	0	3	I	4	61	0	9	II	00	1	1		1	1	1	1
accessi	1920	0	I	I	I	0	I	3	I	64	¢1	0	9	13	1	1	1	1	1	l	1	1
ach si	6161	0	0	I	I	0	I	61	I	61	3	0	9	1	1	1	1	1	1	1	1	1
" in e	1 8161	0	I	I	61	0	I	3	I	61	3	0	1	1	1	1	1		1	1	1	1
Alive	1917	0	I	I	63	0	I	61	I	61	3	1	1	1	1	1	1	1	1	1	1	1
" OI "	19161	0	0	I	61	0	I	61	I	64	1	1	1	1	1	1	1	1	1	1	1	1
Well	1915 1	0	I	I	I	0	I	61	61	1	1	1	1	1	1	1	1	1	1	1	1	1
rted "	1914 1	0	0	I	I	0	I	5	1	1	1	1	1	1	1	Ī	1	1	1	1	1	1
Number reported " Well "	1913 1	0	0	I	61	I	I	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Numbe	1912 1	0	64	I	61	I	1	1	ŀ	1	1	1	1	1	1	1	ī	1	1	1	1	1
4	1 1161	0	61	I	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1 0161	0	64	I	1	1	1	1	1	1	1	1	1	1	1	1	I	1	1	1	1	1
	51 6061	I	61	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1 8061	I	1	1	1	1	1	1	1	1	1	1	1	1	1	-	1	L	1	1	-	-
	5I	-		N.							_											
arged	Disch.	I	61	5	61	I	C1	3	C2	4	4	0	7	13	00	4	14	7	IO	5	7	5
Year of	Dis- large	70/0001	07/08	1908/09	01/6061	II/oI6I	11/12	1912/13	13/14	14/15	15/16	16/17	81/2191	18/19	19/20	20/21	1921/22	22/23			25/26	26/27
2	ch	190	1907	1961	1961	191	161	161	161	161	161	191	191	161	191	192	192	19.	1923.	1924	1925	1926

TABLE BL.-STATISTICS OF ULTIMATE RESULTS

1

Cases in the Sputum of which T.B. were demonstrated in the Sanatorium

ion	00	ht of					
Condition	in 1928	Alive Dead Lost sight of					
	1926/ 27	9		ν0	111	15 1	19
-	1925/ 1926 26 27	6	-	-	111.	∽	13
	1924/	6 н	е	н	"	00 64	22
	1923/ 24	=	20 Cr	1	-	6	6
	1922/ 23	15 2	0 ~ 1	111	111	00 61	12 5
	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	10 3	0.4	-	-	n m	16 16
	1920/ 21	22 I I	8	-	"	9 %	14 26 3
	1919/	IO I	8 1/	64 H	111	6	21 26 1
	1918/ 19	د     ۱	5 I	-	111	∞	39 24 2
> Year	1917/ 81	- 64	611	-	1	4 60	26 28 1
ing the	/9161 71	9 6	1		-	ן מי מי	32 32 1
d duri	1915/ 16	1	61 4	111	64	9 20	29
Discharged during the Year	1914/ 15	ю ю н	10 m H	"	-	1 6	21 33
Dis		(n +	د <del>4</del>	"		1 00-7	17 30 3
	1912/ 13	n n	~ ~	111	"	8   5	12 24 1
	1911/ 12	ъ 88 н	4 1 1	111		0I I	37
	11	r, 4	8 19 1		4	300	4 0 0 m
	1000/	5	111	H 60	- 61	8 17 H	33
	1908/	1 5 12	00	=	9	8 <b>4</b> H	14 22 1
111	1907/	10 12 1		1 1	14	~	17 28 3
	19061	69 QU QQ	40	111	-	~ ~ ~	10 1 1
Condition on	Discharge $\frac{1906}{07}$ $\frac{1907}{08}$ $\frac{1909}{10}$ $\frac{1910}{10}$ $\frac{1911}{12}$ $\frac{1912}{13}$ $\frac{13}{14}$	Disease Arrested	Much Improved	Improved	Stationary or Worse	Disease Arrested	Much Improved
Con	-simbA nois		I du	Croi			п

Alive Dead Lost sight of	Alive Dead Lost sight of						
26	9	-	~ ]	18 2	v) 4 m	115 9 3	127
3	r.c.	111	=	19 11 2	0 %	89 23 23	114
12	H 64	·•	4	14 17 1	CH 00	79 48 1	128
-	111	∞	38 28 I	25	101	91 74 1	166
-	111	8 m	38	2 2 4	~~~~	83 83 83	165
a 10	-	44	16 47 1	7 	~	69 106 1	176
H 4	%	1 1	10 26	34 1	∞	74 118 5	791
40	1	ω	14 23 1	8 1 1	I 18	81 112 3	196
4 12 1	0 0 0	111	17 29 3	5 16 1	- I - I - I - I - I - I - I - I - I - I	84 106 8	198
~ ~	H 00 H	111	9 26 1	20 1 I	53.3	62 118 4	184
00	10	-	26 1	1 25	23.3	69 139 4	212
12 12	I 3	1-1	9 14 1	I 13	28	33 120 1	154
H ∞	4%	111	I 8 3	17.2	33.3	49 141 3	193
400	17 	1-1	0m	1 2 1	61 I	43 131 3	177
17	19	-	101	=	0 <del>2</del> 1	33 126 1	160
16 1	30 H		1 º H	13	32	32 156 10	198
1 12 ·	18	111	100	121	23	34 155 8	197
21 21 1	191	111	=	1 17	21	42 147 3	192
21 1	18 	%	I 6	27	5	43 159 3	205
41 1 1	18 	111	I 18 I	8 I I	33	44 156 6	206
10	101	111	61 00	I IO	17	30 91 4	125
Improved	Stationary or Worse	Disease Arrested	Much Improved	Improved	Stationary or Worse	Summary	TOTAL
Group			III	Group			

TABLE B2.—STATISTICS OF ULTIMATE RESULTS

Cases in the Sputum of which T.B. were not demonstrated in the Sanatorium

and the second s	Condition on									Disch	arged	during	Discharged during the Year	(ear									Condition
	Discharge 1906/1907/1908/1909/1910/1911/ 07 08 09 10 11	1906/ 07	1907/	1908/	01 10	10101		$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1913/ 14	1914/	1915/	1/9161	1/L 181 181	1/8101	20 19/ 1	920/ I 21	921/1 22	922/ I 23	923/1 24	924/1	925/1 26	1926/ 27	in 1928
and the second se	Disease Arrested	12 I I	01 4 6	21	26 8 4	23 11 1	18	11 2 1	9	9 =	3.7	19 1	35 35	25 	34 1	40 4	6 <del>4</del> 4	4 0 I	33	35	34	1	Alive Dead Lost sight of
	Much Improved	ci	4 -	e =	ен	-	111	0	16 2 1	44	64	13 	011		1 0 F	-		401	4   H	0 H	4		Alive Dead Lost sight of
	Improved	111	"	64	-	111	-	111	5   H	ci	111	111	ci	111	4	а	C4		-	-	4	-	Alive Dead Lost sight of
	Stationary or Worse	111	111	-11	-	"	111	ω		111	111	111	111	-	-	[]]	111	111	-	111	-    -	-	Alive Dead Lost sight of
	Disease Arrested	m ei	10 00	50 M H	4 01	40	~~~	3	I	-	9	8 1	11	5 7 7 7 7 7	II	10	50	40	0	6	1	4 1	Alive Dead

Alive Dead Lost sight of								
~		111		-	۳   ۱	111	39 2 0	41
€	4	-	~	-	H 0	111	67 3	70
~	ω	-	-	∾	111	-	66	72
۳	-		401	-	ci =		59 8 1	68
111	C4	111	4		-	111	40 10 1	51
~	01 H	111	6 4	-	н ю	111	78 14 1	93
-	-	-	8	-	-		60 5	66
~	~     ~	111	-	4 ú	-	111	65 11 2	78
2 2 2	÷ + +	4 H	-	~ ~	8	- 8 -	99 13 7	611
35	300	991	-	19.10	-	111	92 32 3	117
6000	[ m	-	111	111	III	111	49	58
64 m	1-1	ю н н	111	-	0	-	41 16 2	59
∞ ~	-	-	111	-	-	*	21 13 1	35
(4 (4	··· ·	-11	111	-	111	-	32	41
	-	64	-		111	111	23 7	31
4 v)	-	- 1	111	-	-		27 18 3	48
- 64	111		111	111	-	TIT	30 16 2	48
w 4 =	111		111	-	-	111	37 17 5	59
0 0	000	- 0			111	111	39 21 6	99
ω <b>4</b> -		-	111		111	111	32 15 4	51
. I   I	111	111		-	111.	111	1 4 01 8 4 01	24
Much Improved	Improved	Stationary or Worse	Disease Arrested	Much Improved	Improved	Stationary or Worse	Summary	TOTAL
	II dno.			III	Group			

