

THE PASTEUR
INSTITUTE OF
SOUTHERN INDIA
COONDOOR.

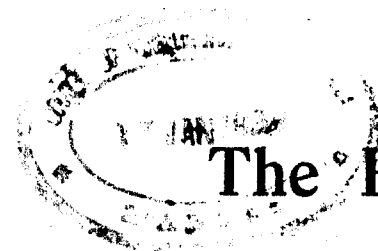
THE ANNUAL REPORT OF
THE DIRECTOR.
(for the year ending 31st Dec
1936.)

THE THIRTIETH ANNUAL
REPORT OF THE CENTRAL
COMMITTEE OF THE ASSO-
-CIATION.

(for the year ending 31st
March 1937.)

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The Pasteur Institute

OF

SOUTHERN INDIA, COONOOR.

The Annual Report of the Director

for the Year ending 31st December 1936

TOGETHER WITH

The Thirtieth Annual Report of the Central Committee of the Association

for the Year ending 31st March 1937.

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1937.

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OF

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The Annual Report of the Director

for the Year ending 31st December 1936

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for the Year ending 31st March 1937.

STAFF OF THE INSTITUTE.

Director :

K. R. K. IYENGAR, M.D., D.P.H., Major, I.M.S.

Assistant to Director :

LIEUTENANT W. A. BEER, M.B.E., I.M.D.

Sub-Assistant Surgeons :

T. VAITHESWARA AYYAR.

T. P. BALAJI RAO (From 1-4-'36 to 11-1-'37).

H. GOVINDA GADIYAR (From 22-1-'37 to 31-3-'37).

Head Clerk and Accountant :

MR. J. GNANAPRAGASAM (From 1-4-'36 to 30-10-'36).

MR. K. S. PARAMESWARA IYER

(From 31-10-'36 to 31-3-'37).

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REPORT OF THE DIRECTOR OF THE PASTEUR INSTITUTE OF SOUTHERN INDIA, COONOR,

for the year ending 31st December 1936.

A.—AT THE INSTITUTE.

The number of patients who underwent a full course of treatment at this Institute during the year under review was 493, of which 32 were Europeans and 461 Asiatics; an increase of 60 patients as compared with the previous year.

76 patients underwent incomplete treatment. Of these, 36 were advised to discontinue the treatment in the middle of the course as the biting animals which were under observation were alive and well 10 days after having inflicted the bite and proved to be not rabid. The remaining 40, presumably at risk, absconded from treatment. The percentage of absconders, presumably at risk, to total treated (both complete and incomplete) is 7.0.

There were no deaths from hydrophobia among those treated at the Institute. This is the fourth time in the history of the 30 years of the Institute that no deaths have been reported.

At the close of the year, 16 patients remained under treatment.

Advice, but no treatment, was given to 223 patients.

Four persons, who had not undergone antirabic treatment, arrived at this Institute with definite symptoms of hydrophobia and these cases are excluded from the tables.

Rat bite cases are not given antirabic treatment at this Institute.

The Paris Fixed Virus was in use throughout the year for the preparation of the vaccine and was in its 978th passage at the close of the year.

Treatment.—Semple's Carbolised Sheep Vaccine was in use throughout the year. The treatment administered to patients was as follows:—

Class.	Adult dose.	Child dose.	Number of days.
I	2 c.c.	2 c.c.	7
II	2 c.c.	2 c.c.	14
III	5 c.c.	3.5 c.c.	14
IV-A	7 c.c.	5 c.c.	14
IV-B	10 c.c.	7 c.c.	14

Face bites have been classified as IV-B, as in the previous year.

There were no post-treatment complications reported during the year.

The following table shows the number of patients who have been traced out for ascertaining their state of health six months after completion of treatment.

	Total completely treated.	Number traced out.	Percentage.
Europeans	32	31	97.0
Asiatics	461	424	92.0
Total	493	455	92.3

During the 30 years 1907-1936, the total number of patients treated at this Institute was 36,604, and the number of deaths from hydrophobia among them was 390, a mortality rate of 1.06 per cent.

B.—AT THE OUT-CENTRES.

15,302 courses of antirabic vaccine were issued to the centres during the year under review, an increase of 947½ as compared with the previous year. The several centres have returned 11,527 case cards (Europeans 310 and Asiatics

11,217) as completely treated and 2,446 cards (Europeans 53 and Asiatics 2,393) as incompletely treated. Out of these 2,446 incompletely treated cases, 321 were bitten by animals which were alive and well 10 days after having inflicted the bite and were proved to be not rabid, and the remaining 2,125, presumably at risk, absconded from treatment. The percentage of absconders, presumably at risk, to total treated (both complete and incomplete) is 15.1.

The total number of deaths from hydrophobia, both among the completely and incompletely treated, was 19, giving a mortality rate of 0.16 per cent. Out of the 19 deaths, 10 were among the 11,527 completely treated, giving a mortality rate of 0.09 per cent., and 9 were among the incompletely treated, giving a mortality rate of 0.37 per cent. Out of the 9 deaths among the incompletely treated, 7 developed hydrophobia during the course of treatment and 2 cases occurred among those who ran away during treatment.

The total mortality rate for the different classes of wounds is as follows:—

Class.	Number fully treated.	Deaths among completely and incompletely treated.	Mortality rate.
I and II	1,860	1	0.05
III and IV-A	9,204	13	0.14
IV-B	463	5	1.08
Total	11,527	19	0.16

All the deaths were among Asiatics. Two deaths occurred from jackal bite, one from fox bite, and the remaining sixteen deaths from dog bite.

The shortest incubation period noted during the year was 11 days (jackal bite, wounds Class III) and the longest 257 days (dog bite, wounds Class IV-A).

Treatment.—Treatment administered to patients at the out-centres was the same as at the Institute throughout the year.

Two cases of paralytic accidents were reported during the year, one from the District Hospital, Aurangabad, Deccan, and the other from the Public Health Laboratory, Trivandrum. (For particulars, vide Appendix VIII).

The number of patients traced out for ascertaining their state of health six months after completion of treatment is shown below :—

	Number fully treated.	Number traced out.	Percentage.
Europeans ...	310	306	98.71
Asiatics ...	11,217	10,548	94.04
Total ...	11,527	10,854	94.16

Most of the centres have returned nearly cent per cent case cards for the year.

After the compilation of the statistical tables for the year 1935, 347 case cards (2 Europeans and 345 Asiatics) with no deaths among them for the year 1935 were received. They have been included in Table I for the year 1935.

After the compilation of the statistical tables for the year 1936, 136 case cards (4 Europeans and 132 Asiatics) with no deaths among them for the year 1936, were received. These will be included in Table I of the report for the year 1937.

Two persons (one at Victoria Hospital, Bangalore City, and the other at Government Hospital, Kallakurichi) who had not undergone antirabic treatment, arrived at the respective hospitals with symptoms of hydrophobia, and these cases have been excluded from the tables.

During the 15 years 1922-1936, the total number of patients treated at the centres was 99,493 and the number of deaths from hydrophobia among them was 522, a mortality rate of 0.52 per cent.

C.—GENERAL.

The total number of doses of antirabic vaccine issued during the year was 2,10,147, as against 1,92,269 of the previous year.

16,20,751 c.c. of antirabic vaccine were prepared during the year. The following table, showing the amount of vaccine sent out according to the various classes during the year may be of interest.

Class.	Courses.
I ...	571
II ...	2,270
III Adults ...	5,773
III Children ...	2,384
IV-A Adults ...	2,468
IV-A Children ...	1,116
IV-B Adults ...	319
IV-B Children ...	401
Total ...	15,302

The training of medical officers for charge of antirabic treatment centres was continued during the year under review.

The number of medical officers who received one week's special training during the year was 2, and were deputed from as follows :—

Salvation Army Hospital, Nidubrolu, Guntur District.
 " " " Nagercoil, Travancore State.

Thirty-four new antirabic treatment centres were opened in the Madras Presidency at the following places during the year :—

- | | |
|---------------------------|-------------------|
| 1. Government Hospital | ... Manjeri. |
| 2. " " | ... Cannanore. |
| 3. " " | ... Manantoddy. |
| 4. Local Fund Dispensary | ... Badagara. |
| 5. Government Hospital | ... Penukonda. |
| 6. " " | ... Hospet. |
| 7. " " | ... Kallakurichi. |
| 8. " " | ... Chidambaram. |
| 9. " " | ... Tindivanam. |
| 10. " " | ... Conjeevaram. |
| 11. Local Fund Dispensary | ... Chunampet. |
| 12. Government Hospital | ... Prodatur. |
| 13. " " | ... Rajampet. |
| 14. " " | ... Amalapuram. |

15.	Local Fund Hospital	...	Pithapuram.
16.	"	...	Polavaram.
17.	Government Hospital	...	Bhimavaram.
18.	Local Fund Dispensary	...	Chintalapudi.
19.	"	...	Vinukonda.
20.	"	...	Repalle.
21.	Government Hospital	...	Nandigama.
22.	"	...	Nuzvid.
23.	Local Fund Dispensary	...	Gunnnavaram.
24.	Municipal Hospital	...	Nandyal R. S.
25.	Government Hospital	...	Rameswaram.
26.	"	...	Kumbakonam.
27.	Local Fund Hospital	...	Nannilam.
28.	Government Hospital	...	Nanguneri.
29.	Local Fund Hospital	...	Ambasamudram.
30.	Government Hospital	...	Karur.
31.	Local Fund Dispensary	...	Musiri.
32.	Government Hospital	...	Narsapatam.
33.	"	...	Bezwada.
34.	Chief Medical Officer	...	Banganapalle.

The following 8 stations were recognised as antirabic treatment centres in Coorg during the year :—

Srimangala, Fraserpet, Shanivarsante, Suntikoppa, Mur-nad, Napoklu, Siddapur, and Gonikoppal.

Prophylactic Treatment for Animals.—64,120 c.c. of 5% antirabic vaccine were issued from the Institute to various Veterinary Assistant Surgeons in the Presidency and Indian States for the treatment of animals that had been bitten by, or had come in contact with rabid animals.

659 animals were thus treated in 1936 as against 351 in 1935. Of these, 536 were dogs.

During the years 1923-1936, 3,105 animals have been treated with antirabic vaccine and there were 86 deaths among them, giving a mortality rate of 2.77 per cent.

443 brains of rabid or suspected rabid animals were received for examination, 101 more than the previous year.

Clinical and Bacteriological Work.—3,529 specimens for clinical and bacteriological examination were received during the year from hospitals and medical practitioners in

the Nilgiris District. The steady increase of this side of our work shows that it is appreciated by those who send their work to us.

Propaganda Work.—In October 1936, at the request of the Government of Mysore, special propaganda work in connection with rabies was carried out for 16 days at the Mysore Dasara Exhibition which was visited by 150,000 people from all over the Mysore State, as well as from other parts of India. Lieut. W. A. Beer, M.B.E., I.M.D., Assistant to Director, was in charge of this work. Illustrated posters, explaining the causation of rabies and the preventive measures to be adopted, were conspicuously placed in one of the stalls in the Exhibition grounds. A pamphlet, entitled "War on Rabies" in English and Kanarese, was freely distributed to the public during the Exhibition. The Government of Mysore itself met the expenditure on printing 10,000 copies of the pamphlet in Kanarese. During the Exhibition, Lieut. Beer delivered a lecture on "War on Rabies" which was broadcast in Mysore and Bangalore.

The financial position of the Institute continues to be satisfactory.

I have to record with deep regret the death of Mr. J. Gnanapragasam, Head Clerk, Pasteur Institute of Southern India, Connoor, on the 30th October 1936, after a short period of illness. He joined the Institute on the 20th March 1908 as Head Clerk and rendered valuable service to this Institute. His sudden death was keenly felt by all the staff.

In conclusion, I desire to express my appreciation of the excellent work done by the staff during the year under review.

K. R. K. IYENGAR,

Major, I.M.S.,

Director.

TABLE I.
A general statement regarding patients treated at the Institute and its Centres from 1907-1936.

	EUROPEANS.				ASIATICS.				EUROPEANS & ASIATICS COMBINED.			
	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.
Institute 1907-08 ...	61	1	1.64	...	121	2	1.65	...	182	3	1.64	16
Institute 1908-09 ...	89	...	...	...	251	2	0.79	...	340	2	0.59	38
Institute 1909-10 ...	175	...	...	...	483	4	0.83	...	658	4	0.61	71
Institute 1910-11 ...	221	1	0.45	...	606	16	2.64	...	827	17	2.05	74
Institute 1911-12 ...	130	...	...	...	810	9	1.11	...	940	9	0.96	128
Institute 1912-13 ...	150	...	...	...	1,090	14	1.28	...	1,240	14	1.12	210
Institute 1913-14 ...	152	...	...	...	1,141	20	1.75	...	1,293	20	1.54	227
Institute 1914-15 ...	167	...	...	...	1,043	21	2.01	...	1,210	21	1.73	135
Institute 1915-16 ...	111	...	...	...	1,379	14	1.02	...	1,490	14	0.94	142
Institute 1916-17 ...	161	...	...	...	1,546	24	1.55	...	1,707	24	1.40	217
Institute 1917-18 ...	262	...	...	...	2,134	31	1.45	...	2,396	31	1.29	223
Institute 1918-19 ...	150	1	0.66	...	2,825	32	1.13	...	2,975	33	1.11	260
Institute 1919-20 ...	176	1	0.56	...	2,996	40	1.34	...	3,172	41	1.26	233
Institute 1920-21 ...	177	...	...	...	3,446	32	0.92	...	3,623	32	0.88	145
Institute 1921-22 ...	221	2	0.90	...	3,250	41	1.26	...	3,471	43	1.24	211
Carried over ...	2,403	6	...	...	23,121	302	...	...	25,524	308	...	2,330

TABLE I—(Contd.)

A general statement regarding patients treated at the Institute and its Centres from 1907-1936—(Contd.)

	EUROPEANS.				ASIATICS.				EUROPEANS & ASIATICS COMBINED.			
	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.	Total treated.	Total deaths.	Total death rate per cent.	Advice cases.
Brought forward...	2,403	6		...	23,121	302		...	25,524	308		2,330
Institute 1922-23	178	...	...	...	3,197	29	0.91	...	3,375	29	0.80	171
Centres	...	...	...	...	...	...	...	...	1,248	12	0.96	...
Combined	...	...	...	...	...	...	...	...	4,623	41	0.89	...
Institute 1923-24	67	...	...	...	1,287	4	0.31	...	1,354	4	0.29	160
Centres	...	...	...	...	...	...	...	...	3,692	22	0.59	...
Combined	...	...	...	...	...	...	...	...	5,046	26	0.51	...
Institute 1924-25	16	...	...	...	473	7	1.48	...	489	7	1.43	109
Centres	...	...	...	...	...	...	...	...	4,402	39	0.88	...
Combined	...	...	...	...	...	...	...	...	4,891	46	0.94	...
Institute 1925-26	28	1	3.57	...	544	6	1.10	...	572	7	1.22	155
Centres	...	...	...	...	...	...	...	...	4,072	29	0.71	...
Combined	...	...	...	...	...	...	...	...	4,644	36	0.77	...
Institute 1926-27	39	...	...	...	376	4	1.06	...	415	4	0.96	124
Centres	...	...	...	...	...	...	...	...	4,373	27	0.61	...
Combined	...	...	...	...	...	...	...	...	4,788	31	0.64	...
Institute 1927-28	30	...	...	...	364	4	1.09	...	394	4	1.01	165
Centres	...	...	...	...	...	...	...	...	4,788	45	0.94	...
Combined	...	...	...	...	...	...	...	...	5,182	49	0.94	...
Institute 1928-29	41	1	2.44	...	424	5	1.17	...	465	6	1.29	...
Centres	216	1	0.46	...	4,470	64	1.43	...	4,686	65	1.38	...
Combined	257	2	0.77	...	4,894	69	1.40	...	5,151	71	1.37	...
Institute 1929	88	...	...	...	519	5	0.96	...	607	5	0.82	138
Centres	174	...	...	...	4,434	52	1.17	...	4,608	52	1.12	...
Combined	262	...	...	...	4,953	57	1.15	...	5,215	57	1.09	...
Institute 1930	36	...	...	21	505	5	0.99	160	541	5	0.92	181
Centres	286	1	0.35	...	5,813	35	0.60	...	6,099	36	0.59	...
Combined	322	1	0.31	...	6,318	40	0.63	...	6,640	41	0.62	...
Institute 1931	44	...	...	20	501	7	1.39	129	545	7	1.28	149
Centres	268	2	0.75	...	7,968	59	0.74	...	8,236	61	0.74	...
Combined	312	2	0.64	...	8,469	66	0.78	...	8,781	68	0.78	...
Institute 1932	42	...	...	15	524	4	0.76	176	566	4	0.70	191
Centres	385	1	0.26	...	8,819	35	0.39	...	9,204	36	0.39	...
Combined	427	1	0.23	...	9,343	39	0.42	...	9,770	40	0.40	...
Institute 1933	18	...	...	3	399	...	...	196	417	...	...	199
Centres	265	...	...	...	8,875	33	0.37	...	9,140	33	0.36	...
Combined	283	...	...	3	9,274	33	0.36	196	9,557	33	0.35	199
Institute 1934	34	...	...	8	380	...	...	203	414	...	...	211
Centres	297	...	...	...	10,492	26	0.25	...	10,789	26	0.24	...
Combined	331	...	...	8	10,872	26	0.24	203	11,203	26	0.23	211
Institute 1935	18	...	...	2	415	...	...	196	433	...	...	198
Centres	338	...	...	...	12,291	20	0.16	...	12,629	20	0.16	...
Combined	356	...	...	2	12,706	20	0.16	196	13,062	20	0.15	198
Institute 1936	32	...	...	4	461	...	...	219	493	...	...	223
Centres	310	...	...	...	11,217	19	0.17	...	11,527	19	0.16	...
Combined	342	...	...	4	11,678	19	0.16	219	12,020	19	0.16	223
Grand Total	5,653	13	0.23	73	1,07,869	725	0.67	1,279	1,36,097	912	0.67	4,859

From 1922-28, details as to classification of patients at out-centres under Europeans and Asiatics are not available, but the total number of treated patients is shown in the "Europeans and Asiatics Combined" column. These figures serve to show that the results of treatment at the centres compare favourably with those obtained at the Institute.

TABLE

Analysis of reports received from Local Centres to which anti-rabic

NAME OF INSTITUTION OR OFFICER.	Number of courses of anti-rabic vaccine issued.	Number fully treated whose state six months after completion of treatment was recorded.	Number fully treated who were not traced six months after completion of treatment.	Number who commenced but did not complete treatment.
(1)	(2)	(3)	(4)	(5)
Government General Hospital, Madras....	840	1,168	...	258
Government Headquarters Hospital—				
Anantapur	38	24	2	7
Bellary	52	42	6	2
Berhampur	7	7	...	...
Calicut	860	581	74	33
Chingleput	21	18	...	4
Chittoor	244	142	...	60
Cocanada	166	30	3	17
Coimbatore	477	432	...	47
Cuddalore	99	70	2	15
Cuddapah	155	67	...	35
Ellore	84	77	...	6
Guntur	113	93	1	23
Kurnool	45	37	2	2
Madura	377	200	34	129
Mangalore	396	205	12	3
Masulipatam	102	90	1	17
Nellore	259	237	...	61
Palamcottah	68	51	1	6
Ramnad	26	21	1	4
Salem	433	226	16	307
Tanjore	211	157	18	80
Trichinopoly	170	95	49	24
Vellore	1,232	715	38	31
Vizagapatam	132	112	3	45
Government Hospital—				
Amalapuram	5	1	...	1
Bezwada	8	8	...	...
Bhimavaram	4	2	...	1
Cannanore	3	2	...	...
Cochin	42	25	2	6
Conjeevaram	6	6	...	...
Coondapur	46	25	...	1
Dharapuram	40	30	1	9
Dindigul	31	25	...	4
Erode	145	130	3	8
Gobichettipalayam	38	29	...	6
Gudiyattam	64	62	...	1
Gudur	61	44	...	30
Carried over ...	7,100	5,286	269	1,283

I-A

vaccine was issued from 1st January 1936 to 31st December 1936.

Number who did not come for treatment.	Not accounted for.	Deaths from hydrophobia during treatment (included in column 5).	Deaths from hydrophobia among in-completely treated patients (included in column 5).	Deaths from hydrophobia within 15 days after completion of treatment.	Deaths from hydrophobia more than 15 days after completion of treatment.	Percentage of failures (calculated with figure in column 11 on total in column 3).	Percentage of deaths (calculated with total in columns 8, 9, 10 and 11 on total in column 2).
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
...	...	...	...	...	...	...	...
...	5	...	...	...	...	...	...
...	2	...	...	...	...	...	...
...	172	...	...	...	...	...	...
...	42	...	...	...	...	...	...
...	116	...	...	...	...	...	...
...	...	...	...	...	1	23	0.21
1	11	...	...	...	...	...	...
...	53	...	...	...	...	...	...
...	1	...	...	...	...	...	...
...	4	1	...	...	...	...	2.22
...	14	...	...	1	...	...	0.27
...	176	...	...	1	...	...	0.25
...	...	...	...	...	...	...	...
...	...	1	...	...	...	...	0.39
2	8	...	...	...	...	...	...
...	...	...	1	...	...	...	0.23
...	...	...	...	...	...	...	...
1	1	...	...	...	...	...	...
...	448	...	...	...	...	...	...
...	...	2	...	...	...	...	1.52
3	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...
...	9	...	...	...	...	...	...
...	20	...	...	...	...	...	...
...	2	...	...	...	...	...	...
5	3	...	...	...	...	...	...
...	1	...	...	1	...	...	2.63
1	...	...	...	...	...	...	...
13	1,090	4	1	3	1	...	...

TABLE

Analysis of reports received from Local Centres to which anti-rabic

NAME OF INSTITUTION OR OFFICER.	Number of courses of anti-rabic vaccine issued.	Number fully treated whose state six months after completion of treatment was recorded.	Number fully treated who were not traced six months after completion of treatment.	Number who commenced but did not complete treatment.
(1)	(2)	(3)	(4)	(5)
Brought forward ..	7,100	5,286	269	1,283
Government Hospital—				
Kallakurichi	3	2	...	...
Kanigiri	13	12	...	1
Karur	20	9	1	9
Kasaragod	1	1	...	...
Kavali	43	37	...	5
Kodaikanal	5	4	...	1
Kollegal	9	5	...	...
Krishnagiri	36	24	...	17
Madanapalle	15	8	1	6
Namakkal	69	56	2	12
Nanguneri	1	...	...	1
Narsapatam	2	...	...	...
Narasaraopet	6	3	...	4
Negapatam	45	19	1	8
Ongole	37	37	...	...
Palghat	953	779	17	30
Palni	81	78	3	20
Parvatipuram	5	3	...	2
Periyakulam	13	11	...	1
Pollachi	174	79	...	1
Ponani	209	142	...	8
Proddatur	4	...	4	...
Puttur	12	10	2	...
Tellicherry	82	67	4	2
Tenali	22	16	1	2
Tindivanam	4	1	...	2
Tirupati	129	123	8	20
Tirupattur	280	218	8	7
Tirupur	57	51	1	7
Tiruvannamalai	282	247	20	...
Tuticorin	22	18	...	1
Udipi	9	7	...	...
Usilampatti	4	4	...	...
Local Fund Hospital—				
Ambasamudram	6	6	...	...
Bhadrachalam	9	9	...	...
Perintalmanna	224	216	3	5
Pithapuram	4	4	...	...
Polavaram	2	2	...	...
Carried over ..	9,992	7,594	345	1,455

I-A—(Contd.)

vaccine was issued from 1st January 1936 to 31st December 1936.

Number who did not come for treatment.	Not accounted for.	Deaths from hydrophobia during treatment (included in column 5).	Deaths from hydrophobia among in-completely treated patients (included in column 5).	Deaths from hydrophobia within 15 days after completion of treatment.	Deaths from hydrophobia more than 15 days after completion of treatment.	Percentage of failures (calculated with figure in column 11 on total in column 3).	Percentage of deaths (calculated with total in columns 8, 9, 10 and 11 on total in column 2).
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
13	1,090	4	1	3	1	...	...
...	1	...	...	...	...	...	...
...	1	...	...	...	...	...	...
...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...
...	4	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...
1	1	...	...	...	...	...	...
...	17	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	127	1	...	...	...	...	0.10
1	...	...	...	...	...	...	...
...	...	1	...	...	...	...	20.00
1	...	...	...	...	...	...	...
...	94	...	...	...	...	...	...
...	59	...	...	1	...	...	0.48
...	...	...	...	...	...	...	...
...	9	...	...	...	...	...	...
...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...
...	...	...	...	1	...	...	0.78
...	47	...	...	...	...	...	...
1	...	...	...	...	...	...	...
1	14	...	...	...	...	...	...
...	3	...	...	1	...	...	4.55
...	2	...	...	...	...	...	...
...	...	...	...	...	...	...	...
1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
25	1,469	6	1	6	1	...	...

TABLE
Analysis of reports received from Local Centres to which anti-rabic

(1) NAME OF INSTITUTION OR OFFICER.	(2) Number of courses of anti-rabic vaccine issued.	(3) Number fully treated whose state six months after completion of treatment was recorded.	(4) Number fully treated who were not traced six months after completion of treatment.	(5) Number who commenced but did not complete treatment.
Brought forward	9,992	7,594	345	1,455
Local Fund Dispensary				
Badagara	9	8		
Chintalapudi	1	1		
Gunnavaram	6	6		
Repalle	6	5		
Municipal Hospital				
Nandyal	31	21		3
Government House Dispensary				
Ootacamund	1	1		
Lawrence Memorial Royal Military School				
Lovedale	3	3		
Total	10,049	7,639	345	1,459
Other Areas				
Cochin				
Ernakulam	384	405	5	68
Trichur	751	88		15
Coorg				
Mercara	41	42		
Murnad	1	1		2
Somwarpet	4			
Suntikoppa	6			
Virarajendrapet	14	5		1
		14		
Mysore				
Krishnarajendra Hospital, Mysore	377	102	15	60
Victoria Hospital, Bangalore City	304	155	11	117
Health Officer, Bangalore Cantonment	220	193	6	23
District Medical Officer—				
Chikmagalur	48	15		
Chitaldroog	29	24	1	8
Hassan	46	40		3
Kolar	45	41	1	1
Robertsonpet	117	66		4
Shimoga	38	36	26	25
Tumkur	30	25		2
Chief Medical Officer, K. G. F., Champion Reef	22			5
Mysore Iron Works—Bhadravati	4			
Carried over	2,481	1,255	65	334

I-A—(Contd.)

vaccine was issued from 1st January 1936 to 31st December 1936.

(6) Number who did not come for treatment.	(7) Not accounted for.	(8) Deaths from hydrophobia during treatment (included in column 5).	(9) Deaths from hydrophobia among in-completely treated patients (included in column 5).	(10) Deaths from hydrophobia within 15 days after completion of treatment.	(11) Deaths from hydrophobia more than 15 days after completion of treatment.	(12) Percentage of failures (calculated with figure in column 11 on total in column 3).	(13) Percentage of deaths (calculated with total in columns 8, 9, 10 and 11 on total in column 2).
25	1,469	6	1	6	1	...	...
...	1	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	7	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
25	1,477	6	1	6	1	0.01	0.14
...	...	...	...	...	...	...	...
...	648	...	...	1	...	...	0.13
...	...	...	...	...	...	...	...
...	4	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	200	...	...	...	...	...	...
...	121	...	...	...	...	...	...
...	...	...	...	1	...	...	0.45
2	22	...	...	...	...	...	...
3	4	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	22	...	...	...	...	...	...
1	...	...	...	...	...	...	...
6	1,021	...	...	2	...	...	...

TABLE

Analysis of reports received from Local Centres to which anti-rabic

NAME OF INSTITUTION OR OFFICER. (1)	Number of courses of anti-rabic vaccine issued. (2)	Number fully treated whose state six months after completion of treatment was recorded. (3)	Number fully treated who were not traced six months after completion of treatment. (4)	Number who commenced but did not complete treatment. (5)
Brought forward ...	2,481	1,255	65	334
Nizam's State				
Hyderabad ...	572	177	175	513
Aurangabad ...	24	1	9	4
Bidar ...	1	...	...	1
Gulburga ...	32	28	1	2
Hanamkonda ...	18	13	...	3
Karimnagar ...	4	2	...	2
Mahbubnagar ...	14	14	...	1
Nizamabad ...	4	4	...	...
Parbhani ...	7	...	...	...
King Edward VII Memorial Hospital, Secunderabad ...	12	4	...	7
Singareni Collieries ...	2	1	...	...
Chief Medical Officer, N. G. S. Railway, Lallaguda ...	5	5	...	...
Travancore—				
Trivandrum ...	1,456	1,324	50	62
Munnar ...	15	3	...	...
Pudukkottah—Pudukkottai ...	17	8	1	...
French India—Pondicherry ...	67	29	17	15
Madras and Southern Mahratta Railway—				
Perambur ...	160	94	...	6
Bezwada ...	50	43	...	2
Guntakal ...	52	38	...	2
South Indian Railway—				
Golden Rock ...	50	38	...	1
Madura ...	14	10	...	1
Podanur ...	27	16	...	...
Erode ...	25	25	...	...
Villupuram ...	4	4	...	...
British Military Hospital—				
Bangalore ...	40	37	1	1
Wellington ...	27	19	1	6
Malappuram ...	1	...	...	...
Indian Military Hospital—				
Cannanore ...	1	1	...	...
Carried over ...	5,182	3,193	320	965

I-A—(Contd.)

vaccine was issued from 1st January 1936 to 31st December 1936.

Number who did not come for treatment. (6)	Not accounted for. (7)	Deaths from hydrophobia during treatment (included in column 5). (8)	Deaths from hydrophobia among in-completely treated patients (included in column 5). (9)	Deaths from hydrophobia within 15 days after completion of treatment. (10)	Deaths from hydrophobia more than 15 days after completion of treatment. (11)	Percentage of failures (calculated with figure in column 11 on total in column 3). (12)	Percentage of deaths (calculated with total in columns 8, 9, 10 and 11 on total in column 2). (13)
6	1,021	...	...	2	...	...	...
9	1	...	...	...	...	...	...
1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	7	...	...	...	...	...	...
...	1	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	20	...	1	...	...	...	0.07
...	12	...	...	...	...	...	...
...	8	...	...	...	...	...	...
...	6	...	...	...	1	3.45	1.49
...	60	...	...	...	...	...	...
...	5	...	...	...	...	...	...
...	12	...	...	...	...	...	...
...	11	...	...	...	...	...	...
...	3	...	...	...	...	...	...
...	11	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	1	...	...	...	...	...	...
...	1	...	...	...	...	...	...
1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
18	1,180	...	1	2	1	...	...

TABLE

Analysis of reports received from Local Centres to which anti-rabic

NAME OF INSTITUTION OR OFFICER.	Number of courses of anti-rabic vaccine issued.	Number fully treated whose state six months after completion of treatment was recorded.	Number fully treated who were not traced six months after completion of treatment.	Number who commenced but did not complete treatment.
(1)	(2)	(3)	(4)	(5)
Brought forward ...	5,182	3,193	320	965
Mission Hospital—				
Chicacole ...	7			1
Chikballapur ...	14	8	6	4
Dichpalli ...	2			2
Ikkadu ...	1			
Jalna ...	1	1		
Jammalamadugu ...	2	1		
Madanapalle ...	2			
Narsapur ...	3	2		1
Rajahmundry ...	13	5	2	6
Tirukkoyilur ...	15			
Udipi ...	10	5		5
Banganapalle (State) ...	2			2
	1			1
Total ...	5,253	3,215	328	987
GRAND TOTAL ...	15,302	10,854	673	2,446

I-A—(Contd.)

vaccine was issued from 1st January 1936 to 31st December 1936.

Number who did not come for treatment.	Not accounted for.	Deaths from hydrophobia during treatment (included in column 5).	Deaths from hydrophobia among in-completely treated patients (included in column 5).	Deaths from hydrophobia within 15 days after completion of treatment.	Deaths from hydrophobia more than 15 days after completion of treatment.	Percentage of failures (calculated with figure in column 11 on total in column 3).	Percentage of deaths (calculated with total in columns 8, 9, 10 and 11 on total in column 2).
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
18	1,180	...	1	2	1	...	...
...	2	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	2	...	...	...	...	...	...
...	...	1	...	...	...	...	7.69
...	15	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...
18	1,199	1	1	2	1	0.03	0.10
43	2,676	7	2	8	2	0.02	0.12

TABLE II.

A general classification of patients attending the Coonoor Institute during 1936.

	EUROPEANS.						ASIATICS.					
	Class of cases treated.						Class of cases treated.					
	I	II	III	IV-A	IV-B	Total.	I	II	III	IV-A	IV-B	Total.
Number fully treated ...	23	1	5	2	1	32	26	30	253	139	13	461
Percentage to total ...	71.9	3.1	15.6	6.3	3.1	...	5.6	6.5	54.9	30.2	2.8	...
Total deaths ...	...	...	...	...	...	...	...	...	...	...	...	...
Total death rate per cent ...	...	...	...	...	...	...	...	...	...	...	...	...
Percentage of health returns.	...	...	...	...	...	97.0	...	...	...	...	...	92.0
Number not fully treated (pre- sumably at risk) ...	...	...	1	...	...	1	2	3	20	11	3	39
Advice cases (Not at risk) ...	...	...	...	...	...	4	...	...	...	...	...	219
Cases excluded from statistical tables for other reasons ...	...	...	...	1	2	3	1	1	4	17	10	33
Total ...	...	...	1	1	2	8	3	4	24	28	13	291
GRAND TOTAL ...	23	1	6	3	3	40	29	34	277	167	26	752

In the above table, cases treated at the Institute are classified according to the position and severity of wounds.

Class I—Cases not bitten but licked on fresh cuts or abrasions—run practically little or no risk.

Class II—Superficial but not extensive bites on the trunk and extremities (excluding the fingers)—run much less risk than Class III.

Class III—Superficial bites on the fingers. Superficial extensive bites on all parts of the body except the head and neck, and deep but not extensive bites on all parts of the body except the head and neck.

Class IV-A—Deep extensive bites on all parts of the body except the head and neck.

Class IV-B—All bites and scratches on the head and neck—run the greatest risk of infection.

TABLE II-A.

A general classification of patients attending the Coonoor Centres during 1936.

	EUROPEANS.						ASIATICS.					
	Class of cases treated.						Class of cases treated.					
	I	II	III	IV-A	IV-B	Total.	I	II	III	IV-A	IV-B	Total.
Number fully treated	165	35	77	23	10	310	441	1,219	4,872	4,231	453	11,217
Percentage to total	53.2	11.3	24.9	7.4	3.2	...	3.9	10.9	43.5	37.7	4.0	...
Total deaths	...	...	...	...	...	...	...	1	7	6	5	19
Total death rate per cent.	...	...	...	...	...	...	...	0.08	0.14	1.14	1.10	0.17
Percentage of health returns	...	...	...	...	...	98.71	...	...	...	...	...	94.04
Number not fully treated (presumably at risk)	3	6	16	5	4	34	21	329	1,044	585	112	2,091
Advice cases (Not at risk)	...	...	...	...	...	...	...	...	...	...	...	...
Cases excluded from statistical tables for other reasons	2	2	4	5	6	19	...	58	117	59	68	302
Total	5	8	20	10	10	53	21	387	1,161	644	180	2,393
GRAND TOTAL	170	43	97	33	20	363	462	1,606	6,034	4,875	633	13,610

In the above table, cases treated at the Centres are classified according to the position and severity of wounds.

Class I—Cases not bitten but licked on fresh cuts or abrasions—run practically little or no risk.

Class II—Superficial but not extensive bites on the trunk and extremities (excluding the fingers)—run much less risk than Class III.

Class III—Superficial bites on the fingers. Superficial extensive bites on all parts of the body except the head and neck, and deep but not extensive bites on all parts of the body except the head and neck.

Class IV-A—Deep extensive bites on all parts of the body except the head and neck.

Class IV-B—All bites and scratches on the head and neck—run the greatest risk of infection.

TABLE III.
Classification of patients according to position of wounds, interposition of clothing and probability of rabies
in the biting animal.

Numerators—Deaths.

COONOOR INSTITUTE.

Denominators—Cases.

- A.—Animal proved rabid.
B.—Animal certified rabid.
C.—Animal probably rabid according to history.
D.—History of animal unknown.
E.—Animal probably not rabid according to history.

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	EUROPEANS.						ASIATICS.						Death rate %			
	A	B	C	D	E	Total. Death rate %	A	B	C	D	E	Total. Death rate %				
Bitten on face	1	...	...	...	...	1	...	1	...	4	8	13	...	14	...	
Bitten on trunk and extremi- ties (bare skin)	2	2	...	1	...	5	...	30	4	180	146	...	360	...	365	...
Bitten on trunk and extremi- ties (through clothing)	2	...	...	1	...	3	...	2	...	22	38	...	62	...	65	...
"Licks" on any part of the body	14	5	4	...	...	23	...	15	7	2	2	...	26	...	49	...
Total	19	7	4	2	...	32	...	48	11	208	194	...	461	...	493	...
Percentage to total	59.38	21.87	12.50	6.25	...	...	10.41	2.39	45.12	42.08	...	...	...	...	...	...
Percentage death rate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE III-A.

Classification of patients according to position of wounds, interposition of clothing and probability of rabies
in the biting animal.

Numerators—Deaths.

COONOOR CENTRES.

Denominators—Cases.

- A.—Animal proved rabid.
B.—Animal certified rabid.
C.—Animal probably rabid according to history.
D.—History of animal unknown.
E.—Animal probably not rabid according to history.

	EUROPEANS.						ASIATICS.						Death rate %		
	A	B	C	D	E	Total.	Death rate %	A	B	C	D	E		Total.	Death rate %
Bitten on face	4	2	1	3	10	...	...	1.5	197	3.74	1	176	1	5.453	1.10
Bitten on trunk and extremities (bare skin)	36	7	32	23	1	99	...	119	36	11.5550	3220	5	11.8930	0.12	
Bitten on trunk and extremities(through clothing)...	12	2	7	15	36	...	...	18	3	3.774	595	3	3.1393	0.22	
"Licks" on any part of the body	111	32	20	2	165	...	...	103	52	258	24	4	441	...	
Total	163	43	60	43	1	310	...	1,245	288	17.6656	1,4015	13	19.11217	0.17	
Percentage to total	52.58	13.87	19.36	13.87	0.32	...	...	2.18	2.57	59.34	35.79	0.12	...	...	
Percentage death rate	...	...	...	...	...	...	...	0.41	...	0.26	0.02	...	0.17	...	

TABLE IV.

Age and Sex distribution of patients treated at the Coonoor Institute during 1936.

Numerators—Deaths.

Denominators—Cases.

Age in years.	EUROPEANS.			ASIATICS.			EUROPEANS AND ASIATICS COMBINED.		
	Males.	Females.	Total.	Death rate per cent.	Males.	Females.	Total.	Death rate per cent.	Total.
0-4	...	2	2	...	11	11	22	...	24
5-9	...	...	...	...	34	23	57	...	57
10-14	...	3	3	...	62	12	74	...	77
15-19	...	2	2	...	45	3	48	...	50
20-29	2	1	3	...	85	19	104	...	107
30-39	5	5	10	...	49	18	67	...	77
40-49	2	7	9	...	32	21	53	...	62
50-59	1	2	3	...	11	8	19	...	22
60-69	...	...	...	...	9	2	11	...	11
70 and over	...	...	...	...	5	1	6	...	6
Total	10	22	32	...	343	118	461	...	493
Percentage death rate	...	...	...	...	...	...	...	...	...

TABLE IV-A.

Age and Sex distribution of patients treated at the Coonoor Centres during 1936.

Numerators—Deaths.

Denominators—Cases.

Age in years.	EUROPEANS.			ASIATICS.			EUROPEANS AND ASIATICS COMBINED.		
	Males.	Females.	Total.	Death rate per cent.	Males.	Females.	Total.	Death rate per cent.	Total.
0-4	15	5	20	...	2/466	240	2/706	0.28	2/726
5-9	12	16	28	...	5/1419	2/634	7/2053	0.34	7/2081
10-14	34	8	42	...	1/1451	430	1/1881	0.05	1/1923
15-19	9	16	25	...	731	204	935	...	960
20-29	49	25	74	...	1413	452	1865	...	1939
30-39	40	23	63	...	1,1118	1,476	2,1594	0.13	2/1657
40-49	18	17	35	...	3/721	415	3,1136	0.26	3,1171
50-59	7	9	16	...	1/425	1,223	2,653	0.31	2/669
60-69	3	3	6	...	1/189	1,123	2,312	0.64	2/318
70 and over	...	1	1	...	56	26	82	...	83
Total	187	123	310	...	14,7989	5,3228	19,11217	0.17	19,11527
Percentage death rate	...	...	...	...	0.18	0.15	0.17	...	0.16

TABLE V.

Classification according to number and position of wounds.

Numerators—Deaths. COONOOR INSTITUTE. Denominators—Cases.
Europeans.

Position.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20
Leg ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trunk ...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Arm ...	23	1	3	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	28	...
Multiple. { Leg, Trunk and Arm...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Trunk and Arm ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Leg and Arm ...	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
	Leg and Trunk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Face ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Multiple face ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	23	2	4	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	32	...
Percentage death rate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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TABLE V-A.

Classification according to number and position of wounds.

Numerators—Deaths. COONOOR CENTRES. Denominators—Cases.
Europeans.

Position.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20
Leg ...	3	12	18	9	2	...	2	...	2	1	...	...	1	...	...	...	...	...	...	...	...	50	...
Trunk ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Arm ...	157	35	23	0	6	4	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	238	...
{ Leg, Trunk and Arm ... Trunk and Arm ... Leg and Arm ... Leg and Trunk ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...
	...	...	2	2	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	5	...
	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Face ...	5	6	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...
Multiple face ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	165	54	44	22	9	4	3	...	3	2	1	1	1	...	...	...	...	...	...	...	...	310	...
Percentage death rate ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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TABLE V-B.

Classification according to number and position of wounds.

Numerators—Deaths. Denominators—Cases.

COONOR INSTITUTE.

Asiatics.

Position.	NUMBER OF WOUNDS.																				Total Over 20	Percentage death rate.
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Leg ...	5	82	83	36	31	18	10	1	1	1	...	...	...	...	...	...	...	...	...	...	269	...
Trunk ...	...	2	3	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...
Arm ...	21	48	31	17	13	7	2	...	4	1	...	2	...	...	...	...	...	1	...	...	147	...
Multiple { Leg, Trunk and Arm... Trunk and Arm	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	2	...
	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	5	...
Leg and Arm... Leg and Trunk	...	...	2	4	3	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	14	...
	...	...	...	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
Face ...	...	7	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10	...
Multiple face ...	...	...	2	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	3	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	26	139	122	64	49	28	15	2	6	2	3	2	1	...	...	...	...	1	1	...	461	...
Percentage death rate ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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TABLE V-C.

Classification according to number and position of wounds.

Numerators—Deaths. Denominators—Cases.

COONOR CENTRES.

Asiatics.

Position.	NUMBER OF WOUNDS.																				Total	Per-centage death rate.
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
Leg ...	41	1/1590	2317	1313	5/864	308	210	63	66	21	28	10	6	5	2	3	2	1	2	...	1	6/6853 0.09
Trunk ...	10	78	97	66	46	16	12	6	3	...	1	1	1	...	1	...	...	...	...	...	338	...
Arm ...	314	2/851	1/827	1/500	1/311	122	91	28	25	13	16	4	1/4	1	1	1	...	...	...	...	2	6/3111 0.19
Multiple { Leg, Trunk and Arm... Trunk and Arm	5	...	...	1	2	1	...	2	1	4	1	...	1	...	...	...	...	...	...	...	18	...
	...	...	11	16	7	7	6	7	5	2	1	2	1	...	1	...	...	...	...	...	66	...
Leg and Arm... Leg and Trunk	2	...	48	41	55	17	32	19	17	7	10	8	4	2	3	3	4	2	...	1	1	1/275 0.36
	...	...	2	1/9	6	6	3	1	1	4	1	1	...	...	...	...	...	...	...	...	...	1/34 2.94
Face ...	65	1/85	2/104	58	53	20	12	6	3	...	4	...	...	1	...	...	...	...	...	...	3/411 0.73	...
Multiple face ...	4	...	16	20	16	1/17	1/10	4	3	4	8	4	3	2	...	...	...	...	...	...	2/111 1.80	...
Unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	441	4/2604	3/3422	2/2024	6/1360	1/514	1/376	136	124	55	70	30	1/20	11	7	8	6	3	2	...	1	1/319/11217 0.17
Percentage death rate ...	...	0.15	0.03	0.10	0.44	0.19	0.27	...	...	...	...	...	5.00	...	...	...	...	...	...	...	33.33	0.17

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TABLE VI.

Classification according to number and depth of wounds and interposition of clothing.

Numerators—Deaths. COONOOR INSTITUTE. Denominators—Cases.
Europeans.

Deep.	Bare.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20
+	+	...	...	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
+	—	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...
—	+	23	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27	...
—	—	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total		23	2	4	1	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	32	...

Percentage death rate ...

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TABLE VI-A.

Classification according to number and depth of wounds and interposition of clothing.

Numerators—Deaths. COONOOR CENTRES. Denominators—Cases.
Europeans.

Deep.	Bare.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Over 20
+	+	...	15	8	9	2	...	2	...	1	1	...	1	1	...	...	...	...	...	...	...	1	41
+	—	...	10	7	2	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
—	+	165	26	20	9	4	3	...	...	2	1	1	...	...	...	...	...	...	...	...	...	...	231
—	—	...	3	9	2	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15
Total	...	165	54	44	22	9	4	3	...	3	2	1	1	1	...	...	...	...	...	...	...	1	310
Percentage death rate		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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TABLE VI-B.

Classification according to number and depth of wounds and interposition of clothing.

Numerators—Deaths. Denominators—Cases.
COONOOR INSTITUTE.
Asiatics.

Deep.	Bare.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	Over 20
+	+	...	84	83	43	42	21	13	2	5	2	3	2	1	...	...	...	...	1	1	...	...	303	...	
+	-	...	13	21	9	2	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	51	...	
-	+	26	38	17	10	4	1	2	...	1	...	...	...	...	...	...	...	...	...	...	...	...	99	...	
-	-	...	4	1	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	
Total		...	26	139	122	64	49	28	15	2	6	2	3	2	1	...	...	...	...	1	1	...	...	461	...
Percentage death rate.		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	

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TABLE VI-C.

Classification according to number and depth of wounds and interposition of clothing.

Numerators—Deaths. Denominators—Cases.
COONOOR CENTRES.
Asiatics.

Deep.	Bare.	NUMBER OF WOUNDS.																				Total.	Per- cen- tage death rate.		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20	Over 20
+	+	...	3/1584	2/2263	1285	5/912	1/365	1/292	104	95	43	57	25	1	...	1	...	1	...	1	...	1	1/2	14/7073	0.20
+	—	...	191	281	1/143	1/134	43	35	13	10	5	3	2	2	2	1	1	...	...	...	...	1	2/867	0.23	
—	+	441	687	1/729	1/507	261	80	40	13	17	7	5	3	3	...	...	1	...	...	1	...	...	2/2795	0.07	
—	—	...	1/142	149	89	53	26	9	6	2	...	5	...	1	...	...	...	...	...	...	...	...	1/482	0.21	
Total	...	441	4/2604	3/3422	2/2024	6/1360	1/514	1/376	136	124	55	70	30	1/20	11	7	8	6	3	2	...	1	1/3	19/11217	0.17
Percentage death rate.	...	0.15	0.09	0.10	0.44	0.19	0.27	...	...	...	...	5.00	...	...	...	...	...	...	...	...	...	33.33	0.17	...	

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TABLE VII.

Classification according to number of wounds and lateness of arrival.

Numerators—Deaths. COONOOR INSTITUTE. Denominators—Cases. Europeans.

Days late.	NUMBER OF WOUNDS.																				Total.	Percentage death rate.	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			20.
0	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1	3	...	2	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
3	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
4	4	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
6	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
7	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
8-14	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
15-21	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
22-28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
29-35	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36-42	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43-49	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	23	2	4	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	32
Percentage death rate ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE VII-A.

Classification according to number of wounds and lateness of arrival.

Numerators—Deaths. COONOOR CENTRES. Denominators—Cases. Europeans.

Days late.	NUMBER OF WOUNDS.																				Percentage death rate		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		20	Over 20
0	28	2	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	35
1	16	8	15	3	5	1	1	...	2	1	1	1	1	...	...	...	...	...	...	...	...	...	55
2	20	8	6	3	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	40
3	4	8	3	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20
4	21	7	5	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	39
5	24	1	3	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	30
6	5	1	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
7	4	2	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
8-14	35	13	2	1	...	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	53
15-21	1	1	3	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
22-28	4	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5
29-35	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
36-42	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
43-49	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
50 and over	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	165	54	44	22	9	4	3	...	3	2	1	1	1	...	...	...	...	...	...	...	...	1	310
Percentage death rate	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Classification according to number of wounds and lateness of arrival.

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Classification according to number of wounds and lateness of arrival.

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TABLE VIII.

Classification according to position and depth of wounds and interposition of clothing.

Numerators—Deaths.

COONOOR INSTITUTE.

Denominators—Cases

Europeans.

Deep.	Bare.	Leg.	Trunk.	Arm.	Multiple.			Face.	Multiple face.	Position unknown.	Total.	Percentage death rate.
					Leg, trunk and arm.	Trunk and arm.	Leg and arm.					
+	+	...	...	2	...	...	1	...	...	...	3	...
+	—	...	1	...	...	...	1	...	...	...	2	...
—	+	...	...	26	...	...	...	1	...	...	27	...
—	—	...	...	...	...	...	...	...	...	...	...	...
Total ...		...	1	28	...	...	2	...	1	...	32	...
Percentage death rate ...		...	...	...	...	...	...	...	...	...	...	...

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TABLE VIII-A.

Classification according to position and depth of wounds and interposition of clothing.

Numerators—Deaths.

COONOOR CENTRES.

Denominators—Cases

Europeans.

Deep.	Bare.	Leg.	Trunk.	Arm.	Multiple.			Face.	Multiple face.	Position unknown.	Total.	Percentage death rate.
					Leg, trunk and arm.	Trunk and arm.	Leg and arm.					
+	+	15	...	18	...	1	2	...	3	2	41	...
+	—	13	1	8	...	...	...	...	1	...	23	...
—	+	12	...	210	...	...	3	...	6	...	231	...
—	—	10	...	2	...	...	...	...	3	...	15	...
Total ...		50	1	238	...	1	5	...	13	2	310	...
Percentage death rate ...		...	...	...	...	...	...	...	...	...	...	...

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TABLE VIII-B.

Classification according to position and depth of wounds and interposition of clothing.

Numerators—Deaths. Denominators—Cases
 COONOR INSTITUTE. Asiatics.

Deep.	Bare.	Leg.	Trunk.	Arm.	Multiple.			Face.	Multiple face.	Position unknown.	Total.	Percentage death rate.
					Leg, trunk and arm.	Leg and arm.	Leg and trunk.					
+	+	181	3	87	2	14	3	8	3	...	303	...
+	—	41	4	5	1	...	...	...	...	...	51	...
—	+	41	...	55	1	...	...	2	...	...	99	...
—	—	6	1	...	1	...	...	...	...	...	8	...
Total ...		269	8	147	5	14	3	10	3	...	461	...
Percentage death rate ...		...	...	...	...	...	...	...	...	...	...	...

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TABLE VIII-C.

Classification according to position and depth of wounds and interposition of clothing.

Numerators—Deaths. Denominators—Cases.
 COONOR CENTRES. Asiatics.

Deep.	Bare.	Leg.	Trunk.	Arm.	Multiple.			Face.	Multiple face.	Position unknown.	Total.	Percentage death rate.
					Leg, trunk and arm.	Leg and arm.	Leg and trunk.					
+	+	5/4304	168	4/1940	8	43	1/220	28	2/91	...	14/7073	0.20
+	—	1/716	45	1/73	3	4	9	2	13	...	2/867	0.23
—	+	1464	94	1031	6	18	42	1/2	1/123	...	2/2795	0.07
—	—	369	31	1/67	1	1	4	2	4	...	1/482	0.21
Total ...		6/6853	338	6/3111	18	66	1/275	1/34	3/411	...	19/11217	0.17
Percentage death rate ...		0.09	..	0.19	...	...	0.36	2.94	0.73	...	0.17	...

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TABLE IX.

Classification according to position of wounds and lateness of arrival.

Numerators—Deaths. COONOOR INSTITUTE. Denominators—Cases.
Europeans.

Days late.	Multiple.						Percentage death rate
	Leg.	Trunk.	Arm.	Leg, trunk and arm.	Trunk and arm.	Leg and arm.	
0	...	...	...	...	...	...	...
1	...	1	3	...	...	...	...
2	...	...	5	...	...	2	...
3	...	...	1	...	...	...	...
4	...	...	5	...	...	...	...
5	...	...	3	...	...	...	...
6	...	...	4	...	...	...	...
7	...	...	2	...	...	...	...
8-14	...	...	4	...	...	...	...
15-21	...	...	2	...	...	...	...
22-28	...	...	...	...	...	...	...
29-35	...	...	...	...	...	...	...
36-42	...	...	...	...	...	...	...
43-49	...	...	...	...	...	...	...
50 and over	...	...	...	...	...	...	...
Total	...	1	28	...	2	...	...
						1	...
						...	32

Percentage death rate

TABLE IX-A.

Classification according to position of wounds and lateness of arrival.

Numerators—Deaths. COONOOR CENTRES. Denominators—Cases.
Europeans.

Days late.	Multiple.						Percentage death rate.
	Leg.	Trunk.	Arm.	Leg, trunk and arm.	Trunk and arm.	Leg and arm.	
0	...	...	...	...	...	...	...
1	3	...	31	...	1	...	...
2	15	...	35	...	...	1	...
3	6	...	30	...	...	...	...
4	4	...	15	...	...	...	...
5	3	...	34	...	...	1	...
6	2	...	26	...	2	...	...
7	3	...	7	...	1	...	...
8-14	5	...	6	...	...	...	...
15-21	5	...	47	...	...	...	...
22-28	4	...	2	...	...	...	...
29-35	...	1	...	...	...	...	...
36-42	...	...	3	...	...	...	...
43-49	...	...	1	...	...	...	...
50 and over	...	...	...	...	...	...	...
Total	50	1	238	...	1	5	...
						13	...
						2	...
						...	310

Percentage death rate

TABLE IX-B.

Classification according to position of wounds and lateness of arrival.

Numerators—Deaths. COONQOOR INSTITUTE. Asiatics. Denominators—Cases.

Days late.	Multiple.					Position un-known.	Total.	Percentage death rate.
	Leg.	Trunk.	Arm.	Leg, trunk and arm.	Leg and arm.	Face.		
0	20	2	13	1	5	2	37	...
1	58	3	33	2	3	4	108	...
2	37	1	14	2	3	2	60	...
3	24	...	19	1	2	...	46	...
4	30	...	10	...	1	...	42	...
5	14	...	9	...	1	1	25	...
6	15	...	10	...	...	...	25	...
7	11	...	12	...	...	...	24	...
8-14	38	2	17	1	1	...	59	...
15-21	14	...	6	...	...	...	21	...
22-28	2	...	1	...	...	...	3	...
29-35	5	...	3	...	...	...	8	...
36-42	...	...	...	...	...	...	...	...
43-49	...	...	...	...	...	1	...	...
50 and over	1	...	...	...	...	1	3	...
Total	269	8	147	2	5	14	3	461

Percentage death rate

TABLE IX-C.

Classification according to position of wounds and lateness of arrival.

Numerators—Deaths. COONQOOR CENTRES. Asiatics. Denominators—Cases.

Days late.	Multiple.					Face.	Multiple face.	Position un-known.	Total.	Percentage death rate.
	Leg.	Trunk.	Arm.	Leg, trunk and arm.	Leg and arm.	Leg and trunk.				
0	276	10	171	2	7	3	34	...	541	...
1	1/1162	61	554	2	18	8	1/100	1/27	3/1992	0.15
2	1/1066	60	1/426	7	4	5	1/54	1/12	4/1666	0.24
3	893	52	425	1	9	4	37	11	1472	...
4	742	34	1/316	2	5	6	1/34	12	2/1180	0.17
5	1/567	18	270	1	6	3	25	9	1/925	0.11
6	422	32	166	...	4	...	18	6	664	...
7	359	20	143	...	4	3	17	6	1/567	0.18
8-14	1/949	33	2/453	...	5	1/2	37	9	4/1516	0.26
15-21	1/252	12	1/274	...	...	...	25	1	2/380	0.53
22-28	24	2	49	...	...	...	27	...	1/51	1.96
29-35	53	1	49	...	...	...	...	...	124	...
36-42	18	...	27	...	...	...	1	...	25	...
43-49	15	...	...	...	...	...	...	...	26	...
50 and over	1/55	3	...	...	...	...	2	1	1/88	1.14
Total	6/6853	338	3311	18	66	1/275	3/411	2/111	19/11217	0.17
Percentage death rate	0.09	...	0.19	0.36	2.94	0.73	1.80	...	0.17	...

TABLE X.

Deaths from hydrophobia amongst persons treated at the Institute 1936.

Europeans.

Serial number.	Case number.	Number of days from commencement of treatment to onset of symptoms.	Sex.	Age in years.	Kind.	Class.	Leg.	Trunk.	Arm.	Face.	Total.	Deep.	Extensive.	Bare skin.	Uncauterized.	Number of days late.	Duration of illness in days.	Interval between bite and death in days.	Class of cases.	Type.	Duration in days.	Serial number.	Station at which treated.

TABLE X-A.

Deaths from hydrophobia amongst persons treated at the Centres 1936.

Europeans.

Serial number.	Case number.	Number of days from commencement of treatment to onset of symptoms.	Sex.	Age in years.	Biting Animal.	Number and Position of Wounds.	Kind.	Class.	Leg.	Trunk.	Arm.	Face.	Total.	Deep.	Extensive.	Bare skin.	Uncauterized.	Number of days late.	Duration of illness in days.	Interval between bite and death in days.	Class of cases.	Type.	Duration in days.	Serial number.	Station at which treated.

TABLE X-B.

Deaths from hydrophobia amongst persons treated at the Institute 1936.

Asiatics.

Serial number.	Case number.	Number of days from commencement of treatment to onset of symptoms.	Sex.	Age in years.	Kind.	Class.	Leg.	Trunk.	Arm.	Face.	Total.	Deep.	Extensive.	Bare skin.	Uncauterized.	Number of days late.	Duration of illness in days.	Interval between bite and death in days.	Class of cases.	Type.	Duration in days.	Serial number.	Station at which treated.
					Biting animal.						Number and position of wounds.												

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TABLE X-C.
Deaths from hydrophobia amongst persons treated at the Centres 1936.

Asiatics.

Serial number.	Case number.	Number of days from commencement of treatment to onset of symptoms.	Sex.	Age in years.	Biting animal.	Kind.	Class.	Leg.	Trunk.	Arm.	Face.	Total.	Deep.	Extensive.	Bare skin.	Uncauterized.	Number of days late.	Duration of illness in days.	Interval between bite and death in days.	Class of cases.	Type.	Duration in days.	Serial number.	Station at which treated.
1	7	28	Mc	9	Dog	C.	0	0	0	2	2	2	2	2	0	1	28	1	35	II	7 c.c.	14	1	Coimbatore.
2	25	6	Mc.	2	Dog	C.	0	0	1	0	1	1	0	0	0	1	28	1	35	II	7 c.c.	7	2	Kurnool
3	72	13	Mc.	3	Dog	C.	0	0	2	0	2	2	0	0	2	2	4	4	21	III	3.5 c.c.	14	3	Madura.
4	211	25	M.	40	Dog	C.	1	0	0	0	1	1	1	0	1	1	8	2	35	III	5 c.c.	14	4	Mangalore
5	106	1	Fc.	5	Fox	C.	4	0	0	0	4	4	0	0	4	4	60	A few hours	61	III	3.5 c.c.	1	5	Nellore.
6	248	255	M.	50	Dog	C.	4	0	0	0	4	4	4	4	4	4	2	3	260	IV-A	7 c.c.	3	6	Salem.
7	2	9	F.	60	Jackal	C.	0	0	3	0	3	3	0	0	0	3	2	2	13	III	5 c.c.	10	7	Vizagapatam.
8	119	11	F.	41	Jackal	C.	2	1	0	0	0	3	3	0	3	3	13	3	27	IV-A	7 c.c.	11	8	Do.
9	26	26	M.	41	Dog	C.	4	0	0	0	4	4	4	4	4	4	16	4	46	IV-A	7 c.c.	14	9	Gobichettipalayam.
10	5	12	Mc.	5	Dog	C.	16	0	7	0	23	9	13	23	23	0	7	3	22	IV-A	5 c.c.	13	10	Parvatipuram.
11	318	12	Mc.	5	Dog	C.	0	0	3	2	5	5	0	5	5	5	2	2	16	IV-B	7 c.c.	13	11	Palghat.
12	117	20	M.	32	Dog	C.	0	0	4	0	4	3	0	4	4	8	4	2	30	IV-A	7 c.c.	14	12	Ponani.
13	76	17	M.	60	Dog	C.	0	0	4	0	1	1	1	1	1	1	1	1	19	IV-B	10 c.c.	14	13	Tirupati.
14	2	55	Mc.	8	Dog	C.	0	0	12	0	12	12	0	12	12	12	12	1	68	III	3.5 c.c.	14	14	Tuticorin.
15	35	2	M.	10	Dog	C.	0	0	1	0	1	1	1	0	1	1	18	2	22	III	3.5 c.c.	4	15	Narasapur- (Mission.)
16	7	15	Mc.	6	Dog	A.	0	0	0	2	2	0	0	0	2	2	4	3	22	IV-B	7 c.c.	14	16	Bangalore Cantt.
17	1	33	Fc.	8	Dog	C.	4	0	0	0	4	4	0	0	0	4	5	2	40	III	3.5 c.c.	14	17	Pondicherry.
18	2320	21	M.	49	Dog	D.	0	0	2	4	6	6	2	6	6	6	1	2	24	IV-B	10 c.c.	14	18	Trichur.
19	244	52	F.	30	Dog	C.	4	0	0	0	4	2	2	2	4	4	1	3	56	IV-A	7 c.c.	3	19	Trivandrum.

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TABLE

Classification by the animal which bit,

Numerators—Deaths.

ANIMAL.	INSTITUTE.								
	Number treated.			Percentage to total.			Death rate per cent.		
	Europeans.	Asiatics.	Combined.	Europeans.	Asiatics.	Combined.	Europeans.	Asiatics.	Combined.
	...	...	...	...	...	...	...	...	...
0 Dog ...	32	426	458	100	92.4	92.9	...	...	...
1 Jackal ...	...	6	6	...	...	...	...	...	...
2 Wolf ...	...	...	...	...	...	...	...	...	...
3 Hyena ...	...	...	...	...	...	...	...	...	...
4 Fox ...	...	1	1	...	...	...	...	...	...
5 Wild Dog ...	...	...	...	...	...	...	...	...	...
6 Man ...	...	2	2	...	...	...	...	...	...
7 Monkey ...	...	3	3	...	...	...	...	...	...
8 Cat ...	...	20	20	...	4.3	4.0	...	...	...
9 Leopard ...	...	...	...	...	...	...	...	...	...
10 Panther ...	...	...	...	...	...	...	...	...	...
11 Wild Cat ...	...	2	2	...	...	...	...	...	...
12 Tiger ...	...	...	...	...	...	...	...	...	...
13 Cow ...	...	...	...	...	...	...	...	...	...
14 Buffalo ...	...	...	...	...	...	...	...	...	...
15 Horse ...	...	...	...	...	...	...	...	...	...
16 Mule ...	...	...	...	...	...	...	...	...	...
17 Donkey ...	...	1	1	...	...	...	...	...	...
18 Camel ...	...	...	...	...	...	...	...	...	...
19 Sheep ...	...	...	...	...	...	...	...	...	...
20 Goat ...	...	...	...	...	...	...	...	...	...
21 Pig ...	...	...	...	...	...	...	...	...	...
22 Rabbit ...	...	...	...	...	...	...	...	...	...
23 Guinea-pig ...	...	...	...	...	...	...	...	...	...
24 Mongoose ...	...	...	...	...	...	...	...	...	...
25 Badger ...	...	...	...	...	...	...	...	...	...
26 Squirrel ...	...	...	...	...	...	...	...	...	...
27 Rat ...	...	...	...	...	...	...	...	...	...
28 Bear ...	...	...	...	...	...	...	...	...	...
29 Deer ...	...	...	...	...	...	...	...	...	...
30 Elephant ...	...	...	...	...	...	...	...	...	...
31 Fowl ...	...	...	...	...	...	...	...	...	...
32 Laboratory infection.	...	...	...	...	...	...	...	...	...
33 Unknown.	...	...	...	...	...	...	...	...	...
Total ...	32	461	493	6.5	93.5	...	...	...	...

XI.

scratched or licked the patient, 1936.

Denominators—Cases

	CENTRES.								
	Number treated.			Percentage to total.			Death rate per cent.		
	Europeans.	Asiatics.	Combined.	Europeans.	Asiatics.	Combined.	Europeans.	Asiatics.	Combined.
	...	...	...	...	...	...	...	...	...
286	16/10689	16/10975	92.3	95.3	95.2	...	0.15	0.15	...
1	2/117	2/118	...	1.0	1.0	...	1.70	1.69	...
...	2	2	...	...	...	...	...	...	...
...	1	1	...	...	...	...	...	...	...
...	1/61	1/61	...	0.5	0.5	...	1.64	1.64	...
...	1	1	...	...	...	...	...	...	...
3	77	80	...	0.6	0.7	...	...	...	...
6	85	91	...	0.8	0.8	...	...	...	...
4	77	81	...	0.7	0.7	...	...	...	...
...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	1	1	...	...	...	...	...	...	...
4	25	29	...	0.2	0.3	...	...	...	...
...	2	2	...	...	...	...	...	...	...
...	8	8	...	...	...	...	...	...	...
6	...	6	...	...	...	...	...	...	...
...	9	9	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	4	4	...	...	...	...	...	...	...
...	45	45	...	0.4	0.4	...	...	...	...
...	6	6	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	1	1	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	4	4	...	...	...	...	...	...	...
310	19/11217	19/11527	2.7	97.3	...	...	0.17	0.16	...

TABLE XII.

Number of patients treated by months, 1936.

Months.	Institute.		Centres.			Institute and Centres combined.			
	Europeans.	Asiatics.	Total.	Europeans.	Asiatics.	Total.	Europeans.	Asiatics.	Total.
January	3	47	50	50	1,016	1,066	53	1,063	1,116
February	...	45	45	9	967	976	9	1,012	1,021
March	2	33	35	36	1,112	1,148	38	1,145	1,183
April	...	37	37	37	1,215	1,252	37	1,252	1,289
May	4	43	47	14	1,124	1,138	18	1,167	1,185
June	7	34	41	17	960	977	24	994	1,018
July	6	46	52	37	925	962	43	971	1,014
August	1	39	40	15	934	949	16	973	989
September	4	55	59	16	816	832	20	871	891
October	3	29	32	38	728	766	41	757	798
November	...	20	20	20	696	716	20	716	736
December	2	33	35	21	724	745	23	757	780
Grand Total	32	461	493	310	11,217	11,527	342	11,678	12,020

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TABLE XIII.

Statement showing brains submitted and examined for rabies, 1936.

Serial number.	Animal.	Number of brains examined.	Positive.	Inconclusive.	Negative.	Unfit for examination.
1	Dog	406	320	57	13	16
2	Jackal	3	2	1	...	...
3	Fox	1	1	...	...	...
4	Man	1	1	...	...	...
5	Monkey	1	...	1	...	...
6	Cat	10	4	3	1	2
7	Cow	3	3	...	...	...
8	Bullock	3	2	...	1	...
9	Caif	4	4	...	...	...
10	Pony	3	1	2	...	...
11	Mule	1	1	...	...	...
12	Donkey	1	...	1	...	...
13	Kid	2	1	1	...	...
14	Rabbit	1	...	1	...	...
15	Mongoose	1	...	1	...	...
16	Bear	1	...	...	...	1
17	Unknown	1	...	...	...	1
Total		443	340	68	15	20

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Table showing the classification of Military patients treated at the Institute and Centres for the year 1936.

BRITISH ARMY.				
Officers	10			
Officers' wives and children	13			
Soldiers	22			
Soldiers' wives and children	7			
				52
INDIAN ARMY.				
Sepoys	3			
				3
Total ..				55

Deaths from hydrophobia in the Madras Presidency during 1913-1936.

Year.	Towns.	Rural areas.	Total
1913	38	102	140
1914	26	48	74
1915	19	46	65
1916	17	9	26
1917	26	11	37
1918	30	44	74
1919	34	28	62
1920	47	50	97
1921	41	48	89
1922	62	158	220
1923	31	251	282
1924	85	279	364
1925	64.	421	485
1926	100	388	488
1927	76	560	636
1928	71	493	564
1929	76	343	419
1930	100	356	456
1931	128	533	661
1932	115	423	538
1933	109	355	464
1934	110	302	412
1935	112	434	546
1936	115	551	666
Total ..	1,632	6,233	7,865

Year.	Number treated.	Deaths.
1913	724	15
1914	593	15
1915	880	7
1916	785	14
1917	1,213	19
1918	1,681	25
1919	2,196	36
1920	2,497	23
1921	2,396	33
1922	3,305	31
1923	3,574	19
1924	3,500	32
1925	3,366	28
1926	3,306	20
1927	3,932	35
1928	4,529	54
1929	4,443	50
1930	4,747	37
1931	5,573	40
1932	6,029	25
1933	6,177	21
1934	7,436	20
1935	8,521	15
1936	8,273	15
Total	89,676	629

Statement showing animals treated with antirabic vaccine from the year 1923 to 1936

SPECIES OF ANIMALS.	Years.										Number of fatal cases from rabies.					Percentage of failures.		Percentage of mortality.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
	1923 to 1924		1924 to 1925		1925 to 1926		1926 to 1927		1927 to 1928		1928 to 1929		1929 to 1930		1930 to 1931		1931 to 1932		1932 to 1933		1933 to 1934		1934 to 1935		1935 to 1936		Total.		Died during treatment.	Died less than 15 days after completion of treatment.	Died more than 15 days after completion of treatment.	Percentage of failures.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	1923 to 1924	1924 to 1925	1925 to 1926	1926 to 1927	1927 to 1928	1928 to 1929	1929 to 1930	1930 to 1931	1931 to 1932	1932 to 1933	1933 to 1934	1934 to 1935	1935 to 1936	1936 to 1937	1937 to 1938	1938 to 1939	1939 to 1940		1940 to 1941	1941 to 1942	1942 to 1943	1943 to 1944	1944 to 1945	1945 to 1946	1946 to 1947	1947 to 1948	1948 to 1949	1949 to 1950					1950 to 1951	1951 to 1952	1952 to 1953	1953 to 1954	1954 to 1955	1955 to 1956	1956 to 1957	1957 to 1958	1958 to 1959	1959 to 1960	1960 to 1961	1961 to 1962	1962 to 1963	1963 to 1964	1964 to 1965	1965 to 1966	1966 to 1967	1967 to 1968	1968 to 1969	1969 to 1970	1970 to 1971	1971 to 1972	1972 to 1973	1973 to 1974	1974 to 1975	1975 to 1976	1976 to 1977	1977 to 1978	1978 to 1979	1979 to 1980	1980 to 1981	1981 to 1982	1982 to 1983	1983 to 1984	1984 to 1985	1985 to 1986	1986 to 1987	1987 to 1988	1988 to 1989	1989 to 1990	1990 to 1991	1991 to 1992	1992 to 1993	1993 to 1994	1994 to 1995	1995 to 1996	1996 to 1997	1997 to 1998	1998 to 1999	1999 to 2000	2000 to 2001	2001 to 2002	2002 to 2003	2003 to 2004	2004 to 2005	2005 to 2006	2006 to 2007	2007 to 2008	2008 to 2009	2009 to 2010	2010 to 2011	2011 to 2012	2012 to 2013	2013 to 2014	2014 to 2015	2015 to 2016	2016 to 2017	2017 to 2018	2018 to 2019	2019 to 2020	2020 to 2021	2021 to 2022	2022 to 2023	2023 to 2024	2024 to 2025	2025 to 2026	2026 to 2027	2027 to 2028	2028 to 2029	2029 to 2030	2030 to 2031	2031 to 2032	2032 to 2033	2033 to 2034	2034 to 2035	2035 to 2036	2036 to 2037	2037 to 2038	2038 to 2039	2039 to 2040	2040 to 2041	2041 to 2042	2042 to 2043	2043 to 2044	2044 to 2045	2045 to 2046	2046 to 2047	2047 to 2048	2048 to 2049	2049 to 2050	2050 to 2051	2051 to 2052	2052 to 2053	2053 to 2054	2054 to 2055	2055 to 2056	2056 to 2057	2057 to 2058	2058 to 2059	2059 to 2060	2060 to 2061	2061 to 2062	2062 to 2063	2063 to 2064	2064 to 2065	2065 to 2066	2066 to 2067	2067 to 2068	2068 to 2069	2069 to 2070	2070 to 2071	2071 to 2072	2072 to 2073	2073 to 2074	2074 to 2075	2075 to 2076	2076 to 2077	2077 to 2078	2078 to 2079	2079 to 2080	2080 to 2081	2081 to 2082	2082 to 2083	2083 to 2084	2084 to 2085	2085 to 2086	2086 to 2087	2087 to 2088	2088 to 2089	2089 to 2090	2090 to 2091	2091 to 2092	2092 to 2093	2093 to 2094	2094 to 2095	2095 to 2096	2096 to 2097	2097 to 2098	2098 to 2099	2099 to 2100	2100 to 2101	2101 to 2102	2102 to 2103	2103 to 2104	2104 to 2105	2105 to 2106	2106 to 2107	2107 to 2108	2108 to 2109	2109 to 2110	2110 to 2111	2111 to 2112	2112 to 2113	2113 to 2114	2114 to 2115	2115 to 2116	2116 to 2117	2117 to 2118	2118 to 2119	2119 to 2120	2120 to 2121	2121 to 2122	2122 to 2123	2123 to 2124	2124 to 2125	2125 to 2126	2126 to 2127	2127 to 2128	2128 to 2129	2129 to 2130	2130 to 2131	2131 to 2132	2132 to 2133	2133 to 2134	2134 to 2135	2135 to 2136	2136 to 2137	2137 to 2138	2138 to 2139	2139 to 2140	2140 to 2141	2141 to 2142	2142 to 2143	2143 to 2144	2144 to 2145	2145 to 2146	2146 to 2147	2147 to 2148	2148 to 2149	2149 to 2150	2150 to 2151	2151 to 2152	2152 to 2153	2153 to 2154	2154 to 2155	2155 to 2156	2156 to 2157	2157 to 2158	2158 to 2159	2159 to 2160	2160 to 2161	2161 to 2162	2162 to 2163	2163 to 2164	2164 to 2165	2165 to 2166	2166 to 2167	2167 to 2168	2168 to 2169	2169 to 2170	2170 to 2171	2171 to 2172	2172 to 2173	2173 to 2174	2174 to 2175	2175 to 2176	2176 to 2177	2177 to 2178	2178 to 2179	2179 to 2180	2180 to 2181	2181 to 2182	2182 to 2183	2183 to 2184	2184 to 2185	2185 to 2186	2186 to 2187	2187 to 2188	2188 to 2189	2189 to 2190	2190 to 2191	2191 to 2192	2192 to 2193	2193 to 2194	2194 to 2195	2195 to 2196	2196 to 2197	2197 to 2198	2198 to 2199	2199 to 2200	2200 to 2201	2201 to 2202	2202 to 2203	2203 to 2204	2204 to 2205	2205 to 2206	2206 to 2207	2207 to 2208	2208 to 2209	2209 to 2210	2210 to 2211	2211 to 2212	2212 to 2213	2213 to 2214	2214 to 2215	2215 to 2216	2216 to 2217	2217 to 2218	2218 to 2219	2219 to 2220	2220 to 2221	2221 to 2222	2222 to 2223	2223 to 2224	2224 to 2225	2225 to 2226	2226 to 2227	2227 to 2228	2228 to 2229	2229 to 2230	2230 to 2231	2231 to 2232	2232 to 2233	2233 to 2234	2234 to 2235	2235 to 2236	2236 to 2237	2237 to 2238	2238 to 2239	2239 to 2240	2240 to 2241	2241 to 2242	2242 to 2243	2243 to 2244	2244 to 2245	2245 to 2246	2246 to 2247	2247 to 2248	2248 to 2249	2249 to 2250	2250 to 2251	2251 to 2252	2252 to 2253	2253 to 2254	2254 to 2255	2255 to 2256	2256 to 2257	2257 to 2258	2258 to 2259	2259 to 2260	2260 to 2261	2261 to 2262	2262 to 2263	2263 to 2264	2264 to 2265	2265 to 2266	2266 to 2267	2267 to 2268	2268 to 2269	2269 to 2270	2270 to 2271	2271 to 2272	2272 to 2273	2273 to 2274	2274 to 2275	2275 to 2276	2276 to 2277	2277 to 2278	2278 to 2279	2279 to 2280	2280 to 2281	2281 to 2282	2282 to 2283	2283 to 2284	2284 to 2285	2285 to 2286	2286 to 2287	2287 to 2288	2288 to 2289	2289 to 2290	2290 to 2291	2291 to 2292	2292 to 2293	2293 to 2294	2294 to 2295	2295 to 2296	2296 to 2297	2297 to 2298	2298 to 2299	2299 to 2300	2300 to 2301	2301 to 2302	2302 to 2303	2303 to 2304	2304 to 2305	2305 to 2306	2306 to 2307	2307 to 2308	2308 to 2309	2309 to 2310	2310 to 2311	2311 to 2312	2312 to 2313	2313 to 2314	2314 to 2315	2315 to 2316	2316 to 2317	2317 to 2318	2318 to 2319	2319 to 2320	2320 to 2321	2321 to 2322	2322 to 2323	2323 to 2324	2324 to 2325	2325 to 2326	2326 to 2327	2327 to 2328	2328 to 2329	2329 to 2330	2330 to 2331	2331 to 2332	2332 to 2333	2333 to 2334	2334 to 2335	2335 to 2336	2336 to 2337	2337 to 2338	2338 to 2339	2339 to 2340	2340 to 2341	2341 to 2342	2342 to 2343	2343 to 2344	2344 to 2345	2345 to 2346	2346 to 2347	2347 to 2348	2348 to 2349	2349 to 2350	2350 to 2351	2351 to 2352	2352 to 2353	2353 to 2354	2354 to 2355	2355 to 2356	2356 to 2357	2357 to 2358	2358 to 2359	2359 to 2360	2360 to 2361	2361 to 2362	2362 to 2363	2363 to 2364	2364 to 2365	2365 to 2366	2366 to 2367	2367 to 2368	2368 to 2369	2369 to 2370	2370 to 2371	2371 to 2372	2372 to 2373	2373 to 2374	2374 to 2375	2375 to 2376	2376 to 2377	2377 to 2378	2378 to 2379	2379 to 2380	2380 to 2381	2381 to 2382	2382 to 2383	2383 to 2384	2384 to 2385	2385 to 2386	2386 to 2387	2387 to 2388	2388 to 2389	2389 to 2390	2390 to 2391	2391 to 2392	2392 to 2393	2393 to 2394	2394 to 2395	2395 to 2396	2396 to 2397	2397 to 2398	2398 to 2399	2399 to 2400	2400 to 2401	2401 to 2402	2402 to 2403	2403 to 2404	2404 to 2405	2405 to 2406	2406 to 2407	2407 to 2408	2408 to 2409	2409 to 2410	2410 to 2411	2411 to 2412	2412 to 2413	2413 to 2414	2414 to 2415	2415 to 2416	2416 to 2417	2417 to 2418	2418 to 2419	2419 to 2420	2420 to 2421	2421 to 2422	2422 to 2423	2423 to 2424	2424 to 2425	2425 to 2426	2426 to 2427	2427 to 2428	2428 to 2429	2429 to 2430	2430 to 2431	2431 to 2432	2432 to 2433	2433 to 2434	2434 to 2435	2435 to 2436	2436 to 2437	2437 to 2438	2438 to 2439	2439 to 2440	2440 to 2441	2441 to 2442	2442 to 2443	2443 to 2444	2444 to 2445	2445 to 2446	2446 to 2447	2447 to 2448	2448 to 2449	2449 to 2450	2450 to 2451	2451 to 2452	2452 to 2453	2453 to 2454	2454 to 2455	2455 to 2456	2456 to 2457	2457 to 2458	2458 to 2459	2459 to 2460	2460 to 2461	2461 to 2462	2462 to 2463	2463 to 2464	2464 to 2465	2465 to 2466	2466 to 2467	2467 to 2468	2468 to 2469	2469 to 2470	2470 to 2471	2471 to 2472	2472 to 2473	2473 to 2474	2474 to 2475	2475 to 2476	2476 to 2477	2477 to 2478	2478 to 2479	2479 to 2480	2480 to 2481	2481 to 2482	2482 to 2483	2483 to 2484	2484 to 2485	2485 to 2486	2486 to 2487	2487 to 2488	2488 to 2489	2489 to 2490	2490 to 2491	2491 to 2492	2492 to 2493	2493 to 2494	2494 to 2495	2495 to 2496	2496 to 2497	2497 to 2498	2498 to 2499	2499 to 2500	2500 to 2501	2501 to 2502	2502 to 2503	2503 to 2504	2504 to 2505	2505 to 2506	2506 to 2507	2507 to 2508	2508 to 2509	2509 to 2510	2510 to 2511	2511 to 2512	2512 to 2513	2513 to 2514	2514 to 2515	2515 to 2516	2516 to 2517	2517 to 2518	2518 to 2519	2519 to 2520	2520 to 2521	2521 to 2522	2522 to 2523	2523 to 2524	2524 to 2525	2525 to 2526	2526 to 2527	2527 to 2528	2528 to 2529	2529 to 2530	2530 to 2531	2531 to 2532	2532 to 2533	2533 to 2534	2534 to 2535	2535 to 2536	2536 to 2537	2537 to 2538	2538 to 2539	2539 to 2540	2540 to 2541	2541 to 2542	2542 to 2543	2543 to 2544	2544 to 2545	2545 to 2546	2546 to 2547	2547 to 2548	2548 to 2549	2549 to 2550	2550 to 2551	2551 to 2552	2552 to 2553	2553 to 2554	2554 to 2555	2555 to 2556	2556 to 2557	2557 to 2558	2558 to 2559	2559 to 2560	2560 to 2561	2561 to 2562	2562 to 2563	2563 to 2564	2564 to 2565	2565 to 2566	2566 to 2567	2567 to 2568	2568 to 2569	2569 to 2570	2570 to 2571	2571 to 2572	2572 to 2573	2573 to 2574	2574 to 2575	2575 to 2576	2576 to 2577	2577 to 2578	2578 to 2579	2579 to 2580	2580 to 2581	2581 to 2582	2582 to 2583	2583 to 2584	2584 to 2585	2585 to 2586	2586 to 2587	2587 to 2588	2588 to 2589	2589 to 2590	2590 to 2591	2591 to 2592	2592 to 2593	2593 to 2594	2594 to 2595	2595 to 2596	2596 to 2597	2597 to 2598	2598 to 2599	2599 to 2600	2600 to 2601	2601 to 2602	2602 to 2603	2603 to 2604	2604 to 2605	2605 to 2606	2606 to 2607	2607 to 2608	2608 to 2609	2609 to 2610	2610 to 2611	2611 to 2612	2612 to 2613	2613 to 2614	2614 to 2615	2615 to 2616	2616 to 2617	2617 to 2618	2618 to 2619	2619 to 2620	2620 to 2621	2621 to 2622	2622 to 2623	2623 to 2624	2624 to 2625	2625 to 2626	2626 to 2627	2627 to 2628	2628 to 2629	2629 to 2630	2630 to 2631	2631 to 2632	2632 to 2633	2633 to 2634	2634 to 2635	2635 to 2636	2636 to 2637	2637 to 2638	2638 to 2639	2639 to 2640	2640 to 2641	2641 to 2642	2642 to 2643	2643 to 2644	2644 to 2645	2645 to 2646	2646 to 2647	2647 to 2648	2648 to 2649	2649 to 2650	2650 to 2651	2651 to 2652	2652 to 2653	2653 to 2654	2654 to 2655	2655 to 2656	2656 to 2657	2657 to 2658	2658 to 2659	2659 to 2660	2660 to 2661	2661 to 2662	2662 to 2663	2663 to 2664	2664 to 2665	2665 to 2666	2666 to 2667	2667 to 2668	2668 to 2669	2669 to 2670	2670 to 2671	2671 to 2672	2672 to 2673	2673 to 2674	2674 to 2675	2675 to 2676	2676 to 2677	2677 to 2678	2678 to 2679	2679 to 2680	2680 to 2681	2681 to 2682	2682 to 2683	2683 to 2684	2684 to 2685	2685 to 2686	2686 to 2687	2687 to 2688	2688 to 2689	2689 to 2690	2690 to 2691	2691 to 2692	2692 to 2693	2693 to 2694	2694 to 2695	2695 to 2696	2696 to 2697	2697 to 2698	2698 to 2699	2699 to 2700	2700 to 2701	2701 to 2702	2702 to 2703	2703 to 2704	2704 to 2705	2705 to 2706	2706 to 2707	2707 to 2708	2708 to 2709	2709 to 2710	2710 to 2711	2711 to 2712	2712 to 2713	2713 to 2714	2714 to 2715	2715 to 2716	2716 to 2717	2717 to 2718

Clinical and Bacteriological work undertaken for the Hospitals in the Nilgiris District and for local medical practitioners during 1936.

I. Blood.

(a) Films, microscopical examination. ---	
for parasites	81
,, differential leucocyte count	45
(b) Counts. ---	
for R. B. Cs.	19
,, W. B. Cs.	20
(c) Cultures for organisms	22
(d) Serological examinations. ---	
Wassermann Reaction	774
Agglutination tests. ---	
for Enteric group	165
,, Undulant fever	1
,, Weil Felix Reaction	4
(e) Haemoglobin percentage	23
(f) Colour index	19
(g) Average diameter of R. B. Cs.	22
(h) Blood sugar estimation	7
(i) Blood urea estimation	1
(j) Estimation of blood coagulation time	1

II. Sputum.

(a) Microscopical examination for B. Tuberculosis	37
(b) Cultures for various micro-organisms	15
(c) Animal inoculation tests	1

III. Urine

(a) General analysis	118
(b) Cultures	277
(c) Animal inoculations	2
(d) Urea Concentration test	6

IV. Faeces.

(a) Microscopical examinations. ---	
for ova, amoebae, cysts, etc.	178

Total Carried Over 1,838

Brought forward	1,838
(b) Cultural examinations ---	
for cholera, typhoid, dysentery, etc.	361
(c) Examination for occult blood	4

V. Cerebro-Spinal Fluid.

(a) Microscopic examination	3
(b) Cultural examination	4
(c) Wassermann Reaction.. .. .	1

VI. Pus.

(a) Microscopic examination	7
(b) Cultural examination	74

VII. Throat Swabs for B. Diphtheriae.

(a) Microscopical examination	209
(b) Cultural examination	594

VIII. Miscellaneous Smear Examinations.

(a) Smears for Gonococci	4
(b) B. lepra	7
(c) B. pestis	161
(d) V. cholera	1
(e) Spirillum of rat bite fever	3
(f) .. from pleuritic and other cystic fluids	5
(g) .. for B. tuberculosis	3
(h) Vincent's organisms	5
(i) Fungi from scrapings from skin	1
(j) Microscopic examination of hairs for fungus	2

IX. Miscellaneous Cultural Examination.

(a) Swabs for meningococcus	11
(b) .. from nose and throat	49
(c) pleuritic, ascitic and other cystic fluids	10

X. Animal Inoculation Tests.

(a) for diphtheriae	15
(b) .. tuberculosis	12
(c) .. rat bite fever	1

XI. Autogenous Vaccines.**XII. Pathological Specimens.**

Sections	38
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XIII. Bacteriological Examination of Water

Total .. 3,529

THE THIRTIETH ANNUAL REPORT OF THE CENTRAL COMMITTEE OF THE PASTEUR INSTITUTE OF SOUTHERN INDIA, COONOR.

The Office of the President of the Association was filled during the year by :—

Major-General Sir Frank Powell Connor, *Kt.*, D.S.O.,
K.H.S., I.M.S., from 1-4-'36 to 23-4-'36.

Lieut.-Col. Clive Newcomb, I.M.S., from 24-4-'36 to
15-11-'36.

Major-General Sir Frank Powell Connor, *Kt.*, D.S.O.,
K.H.S., I.M.S., from 16-11-'36 to 31-3-'37.

Major K. R. K. Iyengar, M.D., D.P.H., I.M.S., was the
Honorary Secretary and Treasurer of the Association during
the year.

The Central Committee of the Association met four times
during the year on the following dates :—

June 22nd, 1936, at Coonoor.

September 22nd, 1936, at Coonoor.

December 15th, 1936, at Madras.

March 22nd, 1937, at Madras.

The twenty-ninth Annual General Meeting of the Members
of the Association was held in Madras on the 15th December
1936, at which the following Committee for the year 1936-'37
was formed :—

List of Ex-Officio Members of the Central Committee.

1. The General Officer Commanding, Madras District.
2. The Collector of the Nilgiris.
3. The District Medical Officer of the Nilgiris.
4. The Surgeon-General with the Government of Madras.
5. The Principal, Medical College, Madras.
6. The Director, King Institute, Guindy.
7. The Officer Commanding, British Military Hospital, Wellington.
8. The Chairman, Municipal Council, Coonoor.
9. The Director, Pasteur Institute, Coonoor.
10. The Diwan of Mysore.
11. The Diwan of Cochin.
12. The Diwan of Pudukkottai.
13. The Diwan of Travancore.

14. The Prime Minister to His Exalted Highness the Nizam.
15. The Director of Public Health, Madras.
16. The Superintending Engineer, Coimbatore Circle, Coimbatore.
17. The Assistant Director of Medical Services, Madras District.
18. The Surgeon to His Excellency the Governor of Madras.
19. The Personal Assistant to the Surgeon-General with the Government
of Madras, Madras.
20. The Officer Commanding, British Military Hospital, Madras.
21. The Agent, South Indian Railway, Trichinopoly.
22. The Assistant to Director, Pasteur Institute, Coonoor.
23. The Collector of Madras, Madras.
24. The Commissioner of the Corporation of Madras.
25. The Director of Veterinary Services, Madras.

List of Elected Members of the Central Committee for 1936-'37.

No.	Name	Designation
1.	M. R. Ry. Dewan Bahadur Govindoss Chathurbhujadoss Avl.	Banker, Madras.
2.	M. R. Ry. R. Krishnadoss Lalah Avl.	Madras.
3.	H. S. Cameron, Esq.	Coonoor.
4.	Rao Sahib P. Ramachandra Chetty Avl.	Madras.
5.	Khan Sahib Siddick Ismail Sait Bahadur.	Coonoor.
6.	F. W. Haughton, Esq., M.B.E.	Commissioner, Coonoor Municipality, Coonoor.
7.	Nawab C. Abdul Hakim Sahib Bahadur	Madras.
8.	Rao Bahadur R. Krishna Rao Bhonsle Avl., M.R.A.S., I.S.O.	Madras.
9.	M. R. Ry. G. Janakiram Chetty Garu	Madras.
10.	M. R. Ry. M. Achanna Chetty Garu	Madras.
11.	J. N. Smith, Esq.	Belmont, Coonoor.
12.	M. R. Ry. K. Sriramulu Naidu Garu	Madras.
13.	J. Milton, Esq.	Coonoor.
14.	L. Gonsalves, Esq., B.A., B.L.	Ootacamund.
15.	The Hon'ble Rao Bahadur Mr. K. Govindachari	Burmah-Shell Oil Co., Madras.
16.	M. R. Ry. H. B. Ari Gowder Avl., B.A., M.L.A.	Hooboothalai, Aru- vankadu.
17.	Dr. R. J. Dyson, M.B., CH.B.	Chief Medical Officer, M. & S. M. Railway, Madras.
18.	R. L. B. Gall, Esq., C.B.E.	Ootacamund.
19.	H. N. Colam, Esq., B.A., A.M.I.C.E.	Agent, M. & S. M. Railway, Madras.
20.	Sir S. Kumaraswami Reddiar, <i>Kt.</i> , B.A., B.L.	Palamcottah.
21.	Rao Sahib T. S. Kachapakesa Mudaliar, Avl.	Madras.
22.	J. C. Aguilar, Esq.	Coonoor.
23.	Mr. Jamal Mahomed Ibrahim Shaib	Madras.

No.	Name.	Designation.
24.	The Hon'ble Mr. M. Ct. M. Chidambaram Chettiar ..	Madras.
25.	The Hon'ble Dewan Bahadur G. Narayanaswami Chetty Garu, C.I.E. ..	Madras.
26.	Khan Bahadur Sir Mahomed Usman Sahib Bahadur, K.C.I.E. ..	Madras.
27.	The Hon'ble Dr. P. Subbaroyan, M.A., Bar-at-Law ..	Madras.
28.	Rao Bahadur Dr. M. Kesava Pai, O.B.E., M.D. ..	Madras.
29.	Mrs. M. N. Clubwalla ..	Madras.
30.	Mr. K. Hansraj Sowcar ..	Madras.

The following members retired from the Central Committee during the year under rule 7 of the Memorandum of the Association :—

1. Dewan Bahadur Sir A. Ramaswami Mudaliar, B.A., B.L.
2. Mr. Jamal Mahomed Ibrahim Sahib.
3. The Hon. Mr. M. Ct. M. Chidambaram Chettiar.
4. The Hon'ble Dewan Bahadur G. Narayanaswami Chetty Garu, C.I.E.
5. Khan Bahadur Sir Mahomed Usman Sahib Bahadur, K.C.I.E.
6. The Hon'ble Dr. P. Subbaroyan, M.A., Bar-at-Law.
7. Rao Bahadur Dr. M. Kesava Pai, O.B.E., M.D.

All the retiring members with the exception of Dewan Bahadur Sir A. Ramaswami Mudaliar were re-elected.

The following members resigned from the Central Committee during the year :—

1. Mr. J. Florence.
2. Rao Bahadur G. Venkatapathy Naidu Garu.

The following members were elected to the Central Committee during the year :—

1. Mr. J. C. Aguilar, Coonoor.
2. Mrs. M. N. Clubwalla, Madras.
3. Mr. K. Hansraj Sowcar, Madras.

Life Members of the Association.

1. Messrs. John Taylor & Sons, Oorgaum.
2. Messrs. Spencer & Co., Madras.
3. Raja of Pudukkottai.

List of Members of the Association.

1. Ramsay Unger, Esq., Madras.
2. The Treasurer, U. L. C. Mission, Guntur.
3. Messrs. T. A. Taylor & Co., Madras.
4. Messrs. T. Stanes & Co., Coimbatore.
5. The Chief Medical Officer, Kolar Gold Fields.

6. Miss G. Pakenham Walsh.
7. Dewan Bahadur V. Shunmugha Mudaliar Ayl.
8. M. R. Ry. C. Natesa Chettiar Ayl.
9. H. E. Burgess, Esq.
10. Major J. O. C. Phelan.
11. D'Arcy McCarthy, Esq.
12. Mr. Mahomed Moosa Sait.
13. Mrs. Campbell Wright.
14. Mrs. Sundari Bai.
15. A. W. R. Cole, Esq., I.C.S. (Retd.).
16. Lieut.-Col. J. D. Deane Drummond.
17. Mrs. Deane Drummond.
18. Dewan Bahadur S. K. Sunderacharlu.
19. Mrs. Sunderacharlu.
20. G. Chooet Smith, Esq.
21. Mrs. Chooet Smith.

The report of the Sub-Committee, appointed under resolution No. 7 of the Central Committee dated 27-9-'35, and consisting of Mr. J. Milton, Khan Sahib Siddick Ismail Sait Bahadur, and Major K. R. K. Iyengar, I.M.S., was considered. The statement of Receipts and Payments, Profit and Loss Account and the Balance Sheet for the year 1935-'36, submitted by them together with their recommendations that the present policy of conserving the present sources of income with a view to rendering the Institute ultimately self-supporting be continued, were approved.

Contributions were received during the year from :—

<i>Local Governments.</i>		Rs.	A.	P.	Rs.	A.	P.
1.	Government of French India ..	200	0	0	200	0	0
<i>Indian States.</i>							
1.	Mysore State	1,500	0	0			
2.	Travancore State	500	0	0			
3.	Cochin State	500	0	0			
4.	Pudukkottai State	200	0	0	2,700	0	0
<i>Railways.</i>							
1.	South Indian Railway	100	0	0			
2.	H. E. H. the Nizam's State Railway ..	100	0	0	200	0	0
<i>Cantonments.</i>							
1.	Bangalore	200	0	0			
2.	Secunderabad	100	0	0	300	0	0

Firms

		Rs.	A.	P.	Rs.	A.	P.
1.	Messrs. Binny & Co. Ltd., Madras ..	100	0	0			
2.	.. Buckingham & Carnatic Co., Ltd., Madras ..	200	0	0			
3.	.. Shaw, Wallace & Co., Madras (Due Rs. 25)						
					300	0	0

Madras Presidency District Boards.

1.	District Board of Madura ..	200	0	0
2.	Do. Ganjam ..	200	0	0
3.	Do. Chittoor ..	100	0	0
4.	Do. Tinnevely ..	150	0	0
5.	Do. Cuddapah (Due Rs. 151)			
6.	Do. Salem ..	299	0	0
7.	Do. Bellary ..	166	0	0
8.	Do. East Tanjore ..	100	0	0
9.	Do. West Tanjore ..	200	8	0
10.	Do. North Arcot ..	331	0	0
11.	Do. Kurnool ..	150	0	0
12.	Do. Vizagapatam ..	183	8	0
	(Due Rs. 183-8-0)			
13.	Do. Bobbili (Due Rs. 367)			
14.	Do. Trichinopoly ..	200	0	0
15.	Do. Coimbatore ..	150	0	0
16.	Do. Malabar ..	25	0	0
17.	Do. The Nilgiris ..	25	0	0
18.	Do. Chicacole ..	100	0	0

2,580 0 0

Madras Presidency Municipalities.

1.	Tiruvannamalai Municipal Council ..	21	0	0
2.	Peddapuram do. ..	10	0	0
3.	Chingleput do. ..	27	0	0
4.	Srivilliputtur do. ..	25	0	0
5.	Berhampur do. (Due Rs. 20)			
6.	Erode do. ..	20	0	0
7.	Bhimlipatam do. ..	22	0	0
8.	Karur do. ..	22	0	0
9.	Walajapet do. (Due Rs. 10)			
10.	Tuticorin do. ..	100	0	0
11.	Conjeevaram do. ..	132	0	0
12.	Guntur do. ..	200	0	0
13.	Parlakimedi do. ..	10	0	0
14.	Cochin do. ..	10	0	0
15.	Ootacamund do. ..	200	0	0
16.	Anantapur do. ..	50	0	0
17.	Kodaikanal do. ..	25	0	0
18.	Kumbakonam do. ..	25	0	0
19.	Mangalore do. ..	120	0	0

		Rs.	A.	P.	Rs.	A.	P.
20.	Palghat Municipal Council ..	35	0	0			
21.	Vizagapatam do. (Due Rs. 321)						
22.	Mastulipatam do. ..	105	0	0			
23.	Vellore do. ..	100	0	0			
24.	Bodinayakanur do. ..	10	0	0			
25.	Chicacole do. ..	20	0	0			
26.	Coonoor do. ..	25	0	0			
27.	Rajahmundry do. ..	120	0	0			
28.	Cocanada do. ..	135	0	0			
29.	Gudiyattam do. ..	10	0	0			
30.	Mercara do. ..	25	0	0			
31.	Coimbatore do. ..	50	0	0			
32.	Chittoor do. ..	74	0	0			
33.	Vizianagaram do. ..	184	0	0			
34.	Cuddalore do. ..	30	0	0			
35.	Nellore do. ..	25	0	0			
36.	Chirala do. ..	10	0	0			
37.	Madras Corporation (Due Rs. 250)	75	0	0			
					2,052	0	0

Donations from patients and others.

1.	Mr. A. C. Cotton	..	..	5	0	0
2.	Mr. G. Chooet Smith	..	..	60	0	0
3.	Mr. E. T. H. Stevenson	..	..	100	0	0
4.	Major J. A. W. Ebdon, I.M.S.	..	..	10	0	0
5.	Mr. and Mrs. A. H. J. How	..	..	50	0	0
6.	Mrs. Sundari Bai	..	..	10	0	0
					235	0 0

The following Government Orders have been recorded :—

G. O. No. Ms. 251, P.H., dated 30-4-'36.

Vetoing the proposal of the Vellore Municipal Council, regarding the countersignature of certificates of indigence issued by village Munsiffs.

G. O. No. 1153 Ms. P.H., dated 4-8-'36.

Surrendering Rs. 3,500/- being the annual contribution to the Institute for 1936-'37, from the Government of Madras.

G. O. No. 2368 P.H., dated 2-12-'36.

Recording the Audit Report on the Accounts of the Pasteur Institute, Coonoor, for the year 1935-'36.

G. O. No. 245 P.H., dated 29-1-'37.

Reviewing the annual report of the Pasteur Institute, Coonoor, for the year 1935-'36.

Most of the District Boards and Municipalities in this Presidency have continued their annual contribution to the Institute.

The Statements of Receipts and Payments, the Manufacturing and Profit and Loss Account for the year 1936-'37 and the Balance Sheet as at 31st March 1937, audited and certified by the Examiner of Local Fund Accounts, Madras, have been appended to the report. The financial position of the Institute has been satisfactory.

APPENDIX I.

Rainfall in inches in Coonoor.

Average for Twenty-eight years (1908-1935 inclusive)					Maximum Minimum		1936	
					During the 28 years.			
January	...	...	...	...	5.99	18.34	0.00	0.89
February	...	...	...	...	2.37	7.88	1.10	10.94
March	...	...	...	...	2.08	11.54	0.02	11.82
April	...	...	...	...	3.63	9.66	0.21	0.41
May	...	...	...	...	5.02	8.24	1.29	3.16
June	...	...	...	...	2.67	7.27	0.66	4.43
July	...	...	...	...	3.23	9.64	0.70	3.92
August	...	...	...	...	4.00	11.25	0.84	2.75
September	...	...	...	...	4.21	18.57	0.12	6.40
October	...	...	...	...	13.92	29.74	4.30	13.45
November	...	...	...	...	11.01	26.89	0.32	13.57
December	...	...	...	...	5.58	19.50	1.45	4.75
Total					63.71	..	...	76.49
Maximum Fall					..	..	84.92 inches in 1912.	
Minimum Fall					..	..	45.08 inches in 1908.	

APPENDIX II.

Statement of Receipts and Payments of The Pasteur Institute of Southern India, Coonoor, for the year 1936-'37.

RECEIPTS.			PAYMENTS			Total.
Amount.			Amount.			Total.
Rs.	A.	P.	Rs.	A.	P.	Rs. A. P.
Opening Balance on 1-4-'36 with Imperial Bank, Ooty ...						
7,068	14	0	5,019	3	0	16,314 11 0
13,710	15	2	1,464	3	0	534 2 6
354	2	2	6,130	8	11	5,351 1 0
300	0	0	21,433	15	4	2,453 4 0
Members of the Association ...						
260	0	0	...	...	...	5,102 5 6
135	0	0	...	...	...	1,820 7 1
2,580	0	0	...	...	...	1,989 6 9
2,052	0	0	...	...	...	2,482 10 9
200	0	0	...	...	...	333 15 0
2,700	0	0	...	...	...	7,161 9 4
300	0	0	...	...	...	382 13 3
200	0	0	...	...	...	857 9 0
300	0	0	...	...	...	442 8 0
235	0	0	...	...	...	168 0 0
32,181	12	0	...	...	...	71 9 0
1,867	6	0	...	...	...	3,450 14 4
1,020	4	9	...	...	...	23,481 9 11
44,031	6	9	...	...	...	85,012 7 4
91,266	0	0	...	...	...	1,348 2 0
Sale of antirabic vaccine ...						
1,35,297	6	9	...	...	...	57,979 15 8
Refund of advances to patients ...						
1,316	6	0	...	...	...	9,852 10 2
Amount transferred to Investment Account.						
Closing balance on 31-3-'37 with Imperial Bank, Ooty ...						
Coonoor Treasury ...						
Coonoor Post Office ...						
in hand ...						
Total Rs. ...						
1,58,047 12 1						1,58,047 12 1

* The above sum does not include the pay of the Director and the Military Assistant Surgeon which is met by the Government of Madras.

PASTEUR INSTITUTE,
Coonoor, 7-5-1937.

K. R. K. IVENGAR, Major, I.M.S.,

Director.

Manufacturing and Profit and Loss Account for the year ending 31st March, 1937 and BALANCE SHEET of The Pasteur Institute of Southern India, Coonoor, as at 31st March 1937.

APPENDIX

Pasteur Institute Coonoor

No. I

Dr.

Manufacturing and Profit and Loss Account for

PARTICULARS.	Amount.			Amount.		
	Rs.	A.	P.	Rs.	A.	P.
To Stock on 1-4-1936				29,571	3	5
.. Pay, leave salary and pensionary contribution of the Director and Assistant Director...				39,170	1	0
.. Salaries	22,798	1	0			
Less provision made last year but not paid	140	12	0			
.. Travelling allowance				22,657	5	0
.. Purchases.				534	2	6
Antirabic vaccine - ampoules, boxes, etc.	23,481	9	11			
Chemicals	925	1	0			
Animals	4,307	0	0			
Materials for media room	333	15	0			
	29,047	9	11			
Less amount of outstanding bills of previous year paid during the year	389	13	0			
.. Postage and telegrams				28,657	12	11
.. Feeding of animals				5,102	5	6
.. Maintenance of building				1,044	1	0
.. Stationery and printing				2,694	9	4
.. Manufacture of gas				1,820	7	1
.. Manufacture of electricity				1,896	2	9
.. Insurance				2,087	10	9
.. Servants' clothing and patients' bedding				382	13	3
.. Telephone rent				442	8	0
.. Discount and Bank Charges				168	0	0
.. Audit Fees				71	9	0
.. Contribution for research				210	14	0
.. Miscellaneous Charges	1,740	0	4	1,500	0	0
Add—Adjustment of excess amount of investment of last year	53	0	9			
.. Depreciation.—				1,793	1	1
Building 3%	5,077	15	8			
Gas and electric plant 10%	1,526	0	6			
Furniture 5%	575	15	11			
Books 10%	2,109	0	3			
Apparatus 15%	2,616	3	5			
				11,905	3	9
Total				1,51,709	14	4

III

The Nilgiris.

Account.

the year ending 31st March 1937.

Cr.

PARTICULARS.	Amount.			Amount.		
	Rs.	A.	P.	Rs.	A.	P.
By Sale of antirabic vaccine				92,220	0	0
.. Bacteriological fees recovered				1,867	6	0
.. Sale of animals to Vizagapatam Medical College and King Institute, Guindy				167	2	0
.. Amount due from Nutrition research department...				1,752	13	0
.. Stock on 31-3-1937.	629	0	0			
Live stock	4,286	10	3			
Chemicals	39,365	8	0			
Ampoules	935	2	1			
Kerosene oil, grain, boxes, etc.				45,216	4	4
Balance Loss—Carried to Profit and Loss Account				10,486	5	0
Total				1,51,709	14	4

APPENDIX

Pasteur Institute - Coonoor -

No. II

Manufacturing and Profit and Loss Account for

Dr.

PARTICULARS.	Amount.			Amount.		
	RS.	A.	P.	RS.	A.	P.
To Balance from the manufacturing account				10,486	5	0
„ Amount transferred to Endowment Account				32,181	12	0
„ Balance (Surplus of receipts over expenditure) carried to Balance Sheet (Not profit)				32,450	4	9
Total				75,118	5	9

III

The Nilgiris.

Account.

the year ending 31st March 1937 (Contd.)

Cr.

PARTICULARS.	Amount.			Amount.		
	RS.	A.	P.	RS.	A.	P.
By contribution from Government of Madras - Pay of Director and Assistant Director				39,170	1	0
„ Contribution from local bodies	9,292	8	0			
„ Add - Bad debts etc. written off last year, but recovered during the year	308	8	0			
	9,601	0	0			
„ Less - Arrears of subscription written off	658	8	0	8,942	8	0
„ Miscellaneous receipts				1,020	4	9
„ Interest on investment of general fund	11,363	8	0			
„ Endowment	14,622	0	0	25,985	8	0
Total				75,118	5	9

APPENDIX
Balance Sheet of the Pasteur Institute

CAPITAL AND LIABILITIES.				Amount.			
	Rs.	A.	P.	Rs.	A.	P.	
I. General Purposes Fund.							
As per last Balance Sheet	5,81,597	8	2				
Profit for 1936-'37	32,450	4	9				
				6,14,047	12	11	
II. Endowment and Development Account ..	3,50,791	8	10				
				3,50,791	8	10	
Sundry Creditors.							
Advances repayable to Government for salaries of medical staff	5,019	3	0				
Permanent Advances from Cochin and Hyderabad ..	354	2	2				
Establishment	1,304	0	0				
Bills outstanding	158	14	0				
				6,836	3	2	
Carried over ..				9,71,675	8	11	

IV

Coonoor, as at 31st March, 1937.

ASSETS.				Amount.			
	Rs.	A.	P.	Rs.	A.	P.	
I. Block Account.							
Land. —12.53 acres							37,255 7 0
Buildings.							
As per last Balance Sheet	1,69,265	15	7				
Additions during the year	4,467	0	0				
	1,73,732	15	7				
Less depreciation	5,077	15	8				1,68,654 13 11
Working Plant.							
As per last Balance Sheet	15,260	4	10				
Additions during the year	488	4	0				
	15,748	8	10				
Less depreciation	1,526	0	6				14,222 8 4
Furniture.							
As per last Balance Sheet	11,519	13	9				
Additions during the year	857	9	0				
	12,377	6	9				
Less depreciation	575	15	11				11,801 6 10
Books.							
As per last Balance Sheet	21,090	2	6				
Additions during the year	2,453	4	0				
	23,543	6	6				
Less depreciation	2,109	0	3				21,434 6 3
Laboratory Apparatus.							
As per last Balance Sheet	17,441	7	0				
Additions during the year	5,205	7	11				
	22,646	14	11				
Less depreciation	2,616	3	5				20,030 11 6
Stock in Trade.							
<i>Live Stock.</i>							
35 Sheep	192	8	0				
186 Rabbits	372	0	0				
86 Guineapigs	64	8	0				
Chemicals				629	0	0	
Ampoules				4,286	10	3	
8 rolls of corrugated paper				39,365	8	0	
Boxes. 85 L. size	23	0	4	169	0	0	
142 B. size	32	8	8				
309 M. size	57	15	0				
267 S. size	38	15	0				
Kerosine oil : 7 tins @ Rs. 3-7-3				152	7	0	
per tin	24	2	9				
289 lbs. Bran	12	2	0				
Gram 181 lbs.	8	13	9	45	2	6	
Coal				404	13	2	
Coke				124	10	3	
Charcoal				39	1	2	45,216 4 4
Carried over ..							3,18,615 12 2

APPENDIX
Balance Sheet of the Pasteur Institute,

CAPITAL AND LIABILITIES.			Amount.			
	Rs.	A.	P.	Rs.	A.	P.
Brought forward ..				9,71,675	8	11
Total Rs. ...				9,71,675	8	11

PASTEUR INSTITUTE, }
 Coonoor, 29-5-'37.

Certified correct according

IV

Coonoor, as at 31st March 1937 (Continued).

ASSETS.				Amount.						
				Rs.	A.	P.	Rs.	A.	P.	
Brought forward ..							3,18,615	12	2	
Investments. ---				Face Value	Cost					
				Rs.						
4%	Coimbatore Dt. Bd. Debentures	..	13,200	13,596	0	0				
5%	1945-55 Bonds	..	80,800	87,879	13	5				
5%	1939-44 Bonds	..	35,800	34,547	0	0				
3½%	G. P. Notes	..	20,500	14,721	9	0				
4½%	1955-60 Bonds	..	1,02,900	90,738	5	9				
5½%	1938-40 Bonds	..	46,000	45,080	0	0				
5	Year Post Office Cash Certificates	..	10,000	7,500	0	0				
5%	1940-43 Bonds	..	25,400	24,546	0	0				
4%	1960-70 Bonds	..	1,87,500	1,95,280	14	6				
3½%	1947-50 Bonds	..	38,500	39,898	5	8				
3%	1951-54 Bonds	..	52,200	50,377	8	4				
4%	1960-70 Bonds	..	17,800	19,900	14	6				
				6,30,600			6,24,066	7	2	
Sundry Debtors. ---										
	Arrears of contribution	..	..	1,452	8	0				
	Arrears due on supply of vaccine	..	..	11,274	0	0				
	Arrears of advances to patients	..	..	243	10	0				
	Interest on investments due	..	..	297	0	0				
	Excess adjustment under investment	..	..	99	1	6				
	Nutritional Research, for gas etc.	..	..	1,752	13	0				
	Vizagapatam Medical College for 120 guinea-pigs (due)	..	..	140	12	0				
	King Institute, Guindy, for pups (due)	..	..	26	6	0				
							15,286	2	6	
Cash Balance. ---										
	With Coonoor Treasury	..	..	3,200	6	9				
	.. Imperial Bank of India, Ootacamund	..	..	9,852	10	2				
	.. Coonoor Post Office	..	..	354	2	2				
	In hand	..	..	300	0	0				
							13,707	3	1	
Total Rs. ..							9,71,675	8	11	

K. R. K. IYENGAR,
 Major, I.M.S.,
 Director.

to the entries in the books.

(Sd.) A. K. CHANDA,
 12-7-1937.
 Examiner of Local Fund Accounts.

APPENDIX V.

Endowment and Development Account of the Pasteur Institute, Coonoor, for the year 1936-'37. (Appendix to Balance Sheet).

ENDOWMENT.	Amount.			Total.			HOW INVESTED.	Amount.			Total.		
	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
Opening Balance on 1-4-36 ...	3,18,609	12	10				In Government Securities with the Treasurer of Charitable Endowments, Madras	3,50,791	8	10	3,50,791	8	10
Interest from investments transferred to Endowment Fund, as per Resolution No. 7 (4) of 27-9-'35 ...	32,181	12	0										
Total Rs				3,50,791	8	10	Total Rs.	3,50,791	8	10			

PASTEUR INSTITUTE,
Coonoor, 5-5-'37.

K. R. K. IYENGAR,
Major, I.M.S.,
Director.

APPENDIX VI.

Provident Fund Account of the Pasteur Institute, Coonoor, for the year 1936-'37.

Sources of Receipts.	Amount.			Total.			How Invested.	Amount.			Total.		
	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.
Opening Balance in Subscription account ...	21,614	6	1				Amount at credit in the subscription account of late Head Clerk Mr. J. Gnanapragasam, disbursed to his nominee ...						
Subscription from members of the Staff ...	1,464	3	0					4,877	6	3			
Advances recovered ...	330	0	0					4,917	6	3	9,794	12	6
Interest on subscription account realised from Bank ...	352	9	0				In fixed deposit with Imperial Bank of India, Ootacamund ...				31,620	14	11
Opening balance in bonus account ...	21,906	3	0				In Savings Bank Account with the Coonoor Post Office ...				6,062	3	8
Bonus paid from the Institute for 1936-'37 ...	1,464	3	0										
Interest on bonus account realised from Bank ...	346	7	0										
Total Rs.				23,716	13	0	Total Rs.				47,477	15	1

PASTEUR INSTITUTE,
Coonoor, 5-5-'37.

K. R. K. IYENGAR,
Major, I.M.S.,
Director.

APPENDIX VII.

List of Medical Officers who underwent a course of training in the technique of antirabic treatment for one week at this Institute during the year 1936.

1.	Dr. Clesson Willard Richardson, B.A., M.D., D.N.B., D.T.M. and H. (Eng.)	Salvation Army Hospital, Nidubrolu, Guntur District.	17-7-36 to 23-7-36
2.	Dr. Alfred William Andreasen, B.Sc., M.D.	Salvation Army Hospital, Nagercoil, Travancore State.	do.

APPENDIX VIII.

Paralytic Accidents.

1. Case No. 12. District Hospital, Aurangabad. Hindu, male, aged 16. Class III. 10 wounds on leg, deep, extensive, on bare skin, uncauterised. Bitten by a dog. Had 5 c.c. of 5% carbolised sheep vaccine daily for 14 days from 12-5-36 to 25-5-36.

The Civil Surgeon, Aurangabad, reports in his letter, dated 7th August 1937, as follows:—"He developed paraplegia on the 13th day of treatment. The symptoms developed by him were simply loss of power in both the lower extremities and retention of urine, but I got no chance of seeing the patient after he developed paraplegia as the relatives took him away at once without our permission or knowledge. The Patel further reports that the paralysis is just as it was before but that otherwise the patient is all right."

2. Case No. 930. Public Health Laboratory, Trivandrum. Indian Christian, male, aged 45. Class III. One wound on leg, deep, on bare skin, uncauterised. Bitten by a dog. Had 5 c.c. of 5% carbolised sheep vaccine daily for 14 days from 2-9-36 to 15-9-36.

The first symptoms of illness were observed even from the next day of his discharge from the laboratory, *i.e.*, from 16-9-36.

The duration of the disease : 51 days.

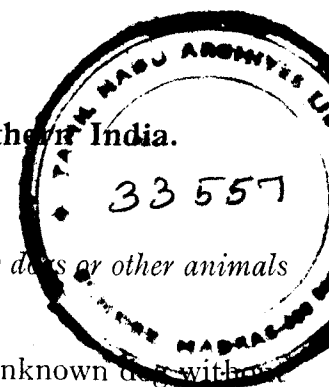
The patient was without sleep for three days from 16-9-36. On the fourth day he had some difficulty in moving his limbs and there was some obstruction in passing urine. (These symptoms persisted till his death.) He was taken to the hospital on 22nd October, 1936.

The report of the Medical Officer, District Hospital, Kottayam is quoted below :—

“ He came to the hospital with paraplegia and retention of urine ; had severe girdle pain which kept him awake at nights. Morphia had to be given repeatedly, other sedatives proving ineffective. He had an old stricture urethra. Urine had to be drawn frequently three times a day. So a metal catheter was later tied in. He was not improving, but was not worse either. On 6-11-1936 at night he died suddenly. There was no difficulty in swallowing food.”

APPENDIX IX.

The Pasteur Institute of Southern India.



Instructions for dealing with persons bitten by dogs or other animals which may be rabid.

1. When any person is bitten by an unknown dog without provocation, he should go to Coonoor or to the nearest or most easily accessible treatment centre for treatment without delay, for experience had shown that it is likely that such a dog is rabid.
2. When any person is bitten by a dog which is known and can be captured, that dog should not be killed but securely tied up.
 - (a) If it remains in perfect health for ten days after inflicting the bite, the person bitten need not go for treatment.
 - (b) If, however, the dog falls ill or dies within ten days, the person bitten should go to Coonoor or to the nearest or most easily accessible treatment centre for treatment and send to Coonoor portions of the dog's brain for verification, preserved according to the instructions issued.
 - (c) In the case of face bites or deep and extensive bites on other parts of the body, it is better for the person bitten to seek treatment immediately. Should the biting animal happen to show no sign of rabies during the 10 days' observation period, treatment may then be discontinued.
3. Persons who are licked on the unbroken skin and those who have merely handled rabid animals and have no recent wounds need not be treated.

COONOOR, *R* L: 423121, d, P¹¹ 37
 March, 1937. *r 37* K. R. K. IYENGAR,
 Major, I.M.S.,
 Director.